별첨. 배제문헌 목록

배제사유

1	사전에 정의한 환자군을 대상으로 한 연구가 아닌 경우
2	로봇 보조 수술을 대상으로 한 연구가 아닌 경우
3	기존 수술과 비교하지 않은 경우
4	사전에 정의한 결과지표를 보고하지 않은 경우
5	비교연구가 아닌 경우
6	한글 또는 영어로 출판되지 않은 겨우
7	인간 대상 연구가 아닌 경우(동물연구, 전임상연구)
8	원저가 아닌 경우
9	중복
10	원문확보 불가
11	회색문헌
12	사전에 정의된 수술이 아닌 경우
13	RCT가 아닌 경우

최종 선택 문헌 중 배제목록(본 보고서 평가대상 아님)(49건)

연번	서지정보	배제사유
1	J. U. H. Stolzenburg, S.Arthanareeswaran, V. K.Neuhaus, P.Do, H. M.Haney, C. M.Dietel, A.Truss, M. C.Stutzel, K. D.Teber, D.Hohenfellner, M.Rabenalt, R.Albers, P.Mende, M., Robotic-assisted Versus Laparoscopic Radical Prostatectomy: 12-month Outcomes of the Multicentre Randomised Controlled LAP-01 Trial. European Urology Focus.	남성생식기 선택문헌
2	J. U. H. Stolzenburg, S.Neuhaus, P.Kyriazis, I.Do, H. M.Dietel, A.Truss, M. C.Grzella, C. I.Teber, D.Hohenfellner, M.Rabenalt, R.Albers, P.Mende, M., Robotic-assisted Versus Laparoscopic Surgery: Outcomes from the First Multicentre, Randomised, Patient-blinded Controlled Trial in Radical Prostatectomy (LAP-01). European Urology. 2021;79;750-759	남성생식기 선택문헌
3	G. D. Y. Coughlin, J. W.Chambers, S. K.Occhipinti, S.Samaratunga, H.Zajdlewicz, L.Teloken, P.Dunglison, N.Williams, S.Lavin, M. F.Gardiner, R. A., Robot-assisted laparoscopic prostatectomy versus open radical retropubic prostatectomy: 24-month outcomes from a randomised controlled study. Lancet Oncology. 2018;19;1051-1060	남성생식기 선택문헌

4	F. F. Porpiglia, C.Bertolo, R.Manfredi, M.Mele, F.Checcucci, E.De Luca, S.Passera, R.Scarpa, R. M., Five-year Outcomes for a Prospective Randomised Controlled Trial Comparing Laparoscopic and Robot-assisted Radical Prostatectomy. European Urology Focus. 2018;4;80-86	남성생식기 선택문헌
5	J. W. C. Yaxley, G. D.Chambers, S. K.Occhipinti, S.Samaratunga, H.Zajdlewicz, L.Dunglison, N.Carter, R.Williams, S.Payton, D. J.Perry-Keene, J.Lavin, M. F.Gardiner, R. A., Robot-assisted laparoscopic prostatectomy versus open radical retropubic prostatectomy: early outcomes from a randomised controlled phase 3 study. Lancet. 2016;388;1057-1066	남성생식기 선택문헌
6	F. M. Porpiglia, I.Lucci Chiarissi, M.Manfredi, M.Mele, F.Grande, S.Ragni, F.Poggio, M.Fiori, C., Randomised controlled trial comparing laparoscopic and robot-assisted radical prostatectomy. European Urology. 2013;63(4);606-614	남성생식기 선택문헌
7	A. D. P. F. Asimakopoulos, C. T.Annino, F.Pasqualetti, P.Calado, A. A.Mugnier, C., Randomized comparison between laparoscopic and robot-assisted nerve-sparing radical prostatectomy. Journal of Sexual Medicine. 2011;8(5);1503-1512	남성생식기 선택문헌
8	R. T. Mastroianni, G.Anceschi, U.Bove, A. M.Brassetti, A.Ferriero, M.Zampa, A.Giannarelli, D.Guaglianone, S.Gallucci, M.Simone, G., Comparison of Patient-reported Health-related Quality of Life Between Open Radical Cystectomy and Robot-assisted Radical Cystectomy with Intracorporeal Urinary Diversion: Interim Analysis of a Randomised Controlled Trial. European Urology Focus.	비뇨기 선택문헌
9	R. F. Mastroianni, M.Tuderti, G.Anceschi, U.Bove, A. M.Brassetti, A.Misuraca, L.Zampa, A.Torregiani, G.Ghiani, E.Giannarelli, D.Guaglianone, S.Gallucci, M.Simone, G., Open Radical Cystectomy versus Robot-Assisted Radical Cystectomy with Intracorporeal Urinary Diversion: Early Outcomes of a Single-Center Randomized Controlled Trial. Journal of Urology. 2022;207;982-992	비뇨기 선택문헌
10	V. R. Venkatramani, I. M.Gonzalgo, M. L.Castle, E. P.Woods, M. E.Svatek, R. S.Weizer, A. Z.Konety, B. R.Tollefson, M.Krupski, T. L.Smith, N. D.Shabsigh, A.Barocas, D. A.Quek, M. L.Dash, A.Parekh, D. J., Comparison of Robot-Assisted and Open Radical Cystectomy in Recovery of Patient-Reported and Performance-Related Measures of Independence: A Secondary Analysis of a Randomized Clinical Trial. JAMA Network Open. 2022;5;e2148329	비뇨기 선택문헌
11	W. M. Ma, Y.Zhuo, R.Dai, J.Fang, C.Wang, C.Zhao, J.He, W.Zhu, Y.Xu, D.Sun, F., Surgical outcomes of a randomized controlled trial compared robotic versus laparoscopic adrenalectomy for pheochromocytoma. European Journal of Surgical Oncology. 2020;46;1843-1847	비뇨기 선택문헌
12	C. D. P. Wurnschimmel, G. B.Moschini, M.Grande, P.Baumeister, P.Roth, M.Mordasini, L.Mattei, A., Robot-Assisted Laparoscopic Partial Nephrectomy Vs Conventional Laparoscopic Partial Nephrectomy: Functional and Surgical Outcomes of a Prospective Single Surgeon Randomized Study. Journal of Endourology. 2020;34;847-855	비뇨기 선택문헌
13	M. F. V. Becerra, V.Reis, I. M.Soodana-Prakash, N.Punnen, S.Gonzalgo, M. L.Raolji, S.Castle, E. P.Woods, M. E.Svatek, R. S.Weizer, A. Z.Konety, B. R.Tollefson, M.Krupski, T. L.Smith, N. D.Shabsigh, A.Barocas, D. A.Quek, M. L.Dash, A.Parekh, D. J., Health Related Quality of Life of Patients with Bladder Cancer in the RAZOR Trial: A Multi-Institutional Randomized Trial Comparing Robot versus Open Radical Cystectomy. Journal of Urology. 2020;204;450-459	비뇨기 선택문헌
14	M. S. O. Khan, K.Ahmed, K.Gan, C.Van Hemelrijck, M.Nair, R.Thurairaja, R.Rimington, P.Dasgupta, P., Long-term Oncological Outcomes from an Early Phase Randomised Controlled Three-arm Trial of Open, Robotic, and Laparoscopic Radical Cystectomy (CORAL). European Urology. 2020;77;110-118	비뇨기 선택문헌

15	V. R. Venkatramani, I. M.Castle, E. P.Gonzalgo, M. L.Woods, M. E.Svatek, R. S.Weizer, A. Z.Konety, B. R.Tollefson, M.Krupski, T. L.Smith, N. D.Shabsigh, A.Barocas, D. A.Quek, M. L.Dash, A.Kibel, A. S.Pruthi, R. S.Montgomery, J. S.Weight, C. J.Sharp, D. S.Chang, S. S.Cookson, M. S.Gupta, G. N.Gorbonos, A.Uchio, E. M.Skinner, E.Soodana-Prakash, N.Becerra, M. F.Swain, S.Kendrick, K.Smith, J. A., Jr.Thompson, I. M.Parekh, D. J., Predictors of Recurrence, and Progression-Free and Overall Survival following Open versus Robotic Radical Cystectomy: Analysis from the RAZOR Trial with a 3-Year Followup. Journal of Urology. 2020;203;522-529	비뇨기 선택 문헌
16	M. S. D. Silay, O.Ozel, K.Karaman, M. I.Caskurlu, T., Laparoscopy versus robotic-assisted pyeloplasty in children: preliminary results of a pilot prospective randomized controlled trial. World Journal of Urology. 2020;38;1841-1848	비뇨기 선택 문헌
17	D. J. R. Parekh, I. M.Castle, E. P.Gonzalgo, M. L.Woods, M. E.Svatek, R. S.Weizer, A. Z.Konety, B. R.Tollefson, M.Krupski, T. L.Smith, N. D.Shabsigh, A.Barocas, D. A.Quek, M. L.Dash, A.Kibel, A. S.Shemanski, L.Pruthi, R. S.Montgomery, J. S.Weight, C. J.Sharp, D. S.Chang, S. S.Cookson, M. S.Gupta, G. N.Gorbonos, A.Uchio, E. M.Skinner, E.Venkatramani, V.Soodana-Prakash, N.Kendrick, K.Smith, J. A., Jr.Thompson, I. M., Robot-assisted radical cystectomy versus open radical cystectomy in patients with bladder cancer (RAZOR): an open-label, randomised, phase 3, non-inferiority trial. Lancet. 2018;391;2525-2536	비뇨기 선택 문헌
18	B. H. D. Bochner, G.Marzouk, K. H.Sjoberg, D. D.Lee, J.Donat, S. M.Coleman, J. A.Vickers, A.Herr, H. W.Laudone, V. P., Randomized Trial Comparing Open Radical Cystectomy and Robot-assisted Laparoscopic Radical Cystectomy: Oncologic Outcomes. European Urology. 2018;74;465-471	비뇨기 선택 문헌
19	M. S. G. Khan, C.Ahmed, K.Ismail, A. F.Watkins, J.Summers, J. A.Peacock, J. L.Rimington, P.Dasgupta, P., A Single-centre Early Phase Randomised Controlled Three-arm Trial of Open, Robotic, and Laparoscopic Radical Cystectomy (CORAL). European Urology. 2016;69;613-621	비뇨기 선택 문헌
20	B. H. D. Bochner, G.Sjoberg, D. D.Silberstein, J.Keren Paz, G. E.Donat, S. M.Coleman, J. A.Mathew, S.Vickers, A.Schnorr, G. C.Feuerstein, M. A.Rapkin, B.Parra, R. O.Herr, H. W.Laudone, V. P., Comparing Open Radical Cystectomy and Robot-assisted Laparoscopic Radical Cystectomy: A Randomized Clinical Trial. European Urology. 2015;67;1042-1050	비뇨기 선택 문헌
21	J. C. P. Messer, S.Fitzgerald, J.Svatek, R.Parekh, D. J., Health-related quality of life from a prospective randomised clinical trial of robot-assisted laparoscopic vs open radical cystectomy. BJU International. 2014;114;896-902	비뇨기 선택 문헌
22	Parekh DJ, Messer J, Fitzgerald J, Ercole B, Svatek R., Perioperative outcomes and Oncologic Efficacy from a Pilot Prospective Randomized Clinical Trial of Open Versus Robotic Assisted Radical Cystectomy. J Urol.. 2013;189(2);474-9	비뇨기 선택 문헌
23	Nix J, Smith A, Kurpad R, Nielsen ME, Wallen EM, Pruthi RS, Prospective randomized controlled trial of robotic versus open radical cystectomy for bladder cancer: perioperative and pathologic results. Eur Urol.. 2010;57(2);196-201	비뇨기 선택 문헌
24	Narducci et al. Severe perioperative morbidity after robot-assisted versus conventional laparoscopy in gynecologic oncology: results of the randomized ROBOGYN-1004 trial. Gynecologic oncology, 2020, 158.2: 382-389.	부인과 선택 문헌
25	Lundin et al. A prospective randomized assessment of quality of life between open and robotic hysterectomy in early endometrial cancer. International Journal of Gynecologic Cancer, 2019, 29.4.	부인과 선택 문헌
26	Salehi et al. Lymphedema, serious adverse events, and imaging 1 year after comprehensive staging for endometrial cancer: results from the RASHEC trial. International Journal of Gynecologic Cancer, 2019; 29.1.	부인과 선택 문헌

27	Salehi et al. Long-term quality of life after comprehensive surgical staging of high-risk endometrial cancer–results from the RASHEC trial. Acta Oncologica, 2018; 57.12: 1671-1676.	부인과 선택 문헌
28	Salehi et al. Robot-assisted laparoscopy versus laparotomy for infrarenal paraaortic lymphadenectomy in women with high-risk endometrial cancer: a randomised controlled trial. European Journal of Cancer, 2017; 79: 81-89.	부인과 선택 문헌
29	Luo et al., Efficacy and safety outcomes of robotic radical hysterectomy in Chinese older women with cervical cancer compared with laparoscopic radical hysterectomy. BMC Women's Health, 2018, 18: 1-5.	부인과 선택 문헌
30	Silva et al., Alexandre, et al. Introduction of robotic surgery for endometrial cancer into a Brazilian cancer service: a randomized trial evaluating perioperative clinical outcomes and costs. Clinics, 2018, 73.	부인과 선택 문헌
31	Somashekhar et al., Prospective randomized study comparing robotic-assisted hysterectomy and regional lymphadenectomy with traditional laparotomy for staging of endometrial carcinoma–initial Indian experience. Indian journal of surgical oncology, 2014, 5: 217-223.	부인과 선택 문헌
32	Mäenpää et al. Robotic-assisted vs traditional laparoscopic surgery for endometrial cancer: a randomized controlled trial. American journal of obstetrics and gynecology, 2016, 215.5: 588. e1-588. e7.	부인과 선택 문헌
33	Deimling et al. Randomized controlled trial comparing operative times between standard and robot -assisted laparoscopic hysterectomy. International Journal of Gynecology & Obstetrics, 2017, 136.1: 64-69.	부인과 선택 문헌
34	Lonnerfors et al. A randomized trial comparing vaginal and laparoscopic hysterectomy vs robot-assisted hysterectomy. Journal of minimally invasive gynecology, 2015, 22.1: 78-86.	부인과 선택 문헌
35	Paraiso et al. A randomized trial comparing conventional and robotically assisted total laparoscopic hysterectomy. American journal of obstetrics and gynecology, 2013, 208.5: 368. e1-368. e7.	부인과 선택 문헌
36	Sarlos et al. Robotic compared with conventional laparoscopic hysterectomy: a randomized controlled trial. Obstetrics & Gynecology, 2012, 120.3: 604-611.	부인과 선택 문헌
37	Illiano et al. Robot-assisted vs laparoscopic sacrocolpopexy for high-stage pelvic organ prolapse: a prospective, randomized, single-center study. Urology, 2019, 134: 116-123.	부인과 선택 문헌
38	Anger et al. Robotic compared with laparoscopic sacrocolpopexy: a randomized controlled trial. Obstetrics and gynecology, 2014, 123.1: 5.	부인과 선택 문헌
39	Kenton et al., One-year outcomes after minimally invasive sacrocolpopexy. Female Pelvic Med Reconstr Surg. 2016; 22 (5): 382–4	부인과 선택 문헌
40	Mueller et al. Cosmetic appearance of port-site scars 1 year after laparoscopic versus robotic sacrocolpopexy: a supplementary study of the ACCESS clinical trial. Journal of minimally invasive gynecology, 2016, 23.6: 917-921.	부인과 선택 문헌
41	Paraiso et al. Laparoscopic compared with robotic sacrocolpopexy for vaginal prolapse: a randomized controlled trial. Obstetrics & Gynecology, 2011, 118.5: 1005-1013.	부인과 선택 문헌

42	E. v. d. S. Tagkalos, P. C.Berlth, F.Poplawski, A.Hadzijusufovic, E.Lang, H.van Berge Henegouwen, M. I.Gisbertz, S. S.Muller-Stich, B. P.Ruurda, J. P.Schiesser, M.Schneider, P. M.van Hillegersberg, R.Grimminger, P. P., Robot-assisted minimally invasive thoraco-laparoscopic esophagectomy versus minimally invasive esophagectomy for resectable esophageal adenocarcinoma, a randomized controlled trial (ROBOT-2 trial). BMC Cancer. 2021;21;1060	식도 선택문헌
43	E. M. v. d. H. de Groot, S.Kingma, B. F.Goense, L.van der Sluis, P. C.Ruurda, J. P.van Hillegersberg, R., Robot-assisted minimally invasive thoracolaparoscopic esophagectomy versus open esophagectomy: long-term follow-up of a randomized clinical trial. Diseases of the Esophagus. 2020;33;26	식도 선택문헌
44	P. C. v. d. H. van der Sluis, S.May, A. M.Schippers, C.Brosens, L. A. A.Joore, H. C. A.Kroese, C. C.Haj Mohammad, N.Mook, S.Vleggaar, F. P.Borel Rinkes, I. H. M.Ruurda, J. P.van Hillegersberg, R., Robot-assisted Minimally Invasive Thoracolaparoscopic Esophagectomy Versus Open Transthoracic Esophagectomy for Resectable Esophageal Cancer: A Randomized Controlled Trial. Annals of Surgery. 2019;269;621-630	식도 선택문헌
45	J. T. Huang, Y.Li, C.Shen, Y.Li, H.Lv, F.Lin, H.Lu, P.Lin, J.Lau, C.Terra, R. M.Jiang, L.Luo, Q., Robotic-assisted thoracic surgery reduces perioperative complications and achieves a similar long-term survival profile as posterolateral thoracotomy in clinical N2 stage non-small cell lung cancer patients: a multicenter, randomized, controlled trial. Translational Lung Cancer Research. 2021;10;4281-4292	기관, 기관지 및 폐 선택문헌
46	R. Z. Jin, Y.Yuan, Y.Han, D.Cao, Y.Zhang, Y.Li, C.Xiang, J.Zhang, Z.Niu, Z.Lerut, T.Lin, J.Abbas, A. E.Pardolesi, A.Suda, T.Amore, D.Schraag, S.Aigner, C.Li, J.Che, J.Hang, J.Ren, J.Zhu, L.Li, H., Robotic-assisted Versus Video-assisted Thoracoscopic Lobectomy: Short-term Results of a Randomized Clinical Trial (RVlob Trial). Annals of Surgery. 2022;275;295-302	기관, 기관지 및 폐 선택문헌
47	G. A. Veronesi, A. E.Muriana, P.Lembo, R.Bottoni, E.Perroni, G.Testori, A.Dieci, E.Bakhos, C. T.Car, S.Luzzi, L.Alloisio, M.Novellis, P., Perioperative Outcome of Robotic Approach Versus Manual Videothoracoscopic Major Resection in Patients Affected by Early Lung Cancer: Results of a Randomized Multicentric Study (ROMAN Study). Frontiers in Oncology. 2021;11;726408	기관, 기관지 및 폐 선택문헌
48	J. L. Huang, C.Li, H.Lv, F.Jiang, L.Lin, H.Lu, P.Luo, Q.Xu, W., Robot-assisted thoracoscopic surgery versus thoracotomy for c-N2 stage NSCLC: short-term outcomes of a randomized trial. Translational Lung Cancer Research. 2019;8;951-958	기관, 기관지 및 폐 선택문헌
49	Terra RM, Araujo PHXN, Lauricella LL, Campos JRM, Trindade JRM, Pêgo-Fernandes PM. , A Brazilian randomized study: Robotic-Assisted vs. Video-assisted lung lobectomy Outcomes (BRAVO trial). . J Bras Pneumol.. 2022;48(4);e20210464	기관, 기관지 및 폐 선택문헌

3차 선택배제 배제목록(31건)

연번	서지정보	배제사유
1	T. N. A. Costa, R. Z.Tustumi, F.Junior, U. R.Cecconello, I., Robotic-assisted compared with laparoscopic incisional hernia repair following oncologic surgery: short- and long-term outcomes of a randomized controlled trial. Journal of Robotic Surgery. 2022;17(1);99-107	12

2	A. C. T. Nichols, J.Prisman, E.Read, N.Berthelet, E.Tran, E.Fung, K.de Almeida, J. R.Bayley, A.Goldstein, D. P.Hier, M.Sultanem, K.Richardson, K.Mlynarek, A.Krishnan, S.Le, H.Yoo, J.MacNeil, S. D.Winquist, E.Hammond, J. A.Venkatesan, V.Kuruvilla, S.Warner, A.Mitchell, S.Chen, J.Corsten, M.Johnson-Obaseki, S.Odell, M.Parker, C.Wehrli, B.Kwan, K.Palma, D. A., Randomized Trial of Radiotherapy Versus Transoral Robotic Surgery for Oropharyngeal Squamous Cell Carcinoma: Long-Term Results of the ORATOR Trial. Journal of Clinical Oncology. 2022;40;866-875	3
3	Y. S. H. Patel, W. C.Fahim, C.Shargall, Y.Waddell, T. K.Yasufuku, K.Machuca, T. N.Pipkin, M.Baste, J. M.Xie, F.Shiwcharan, A.Foster, G.Thabane, L., RAVAL trial: Protocol of an international, multi-centered, blinded, randomized controlled trial comparing robotic-assisted versus video-assisted lobectomy for early-stage lung cancer. PLoS ONE [Electronic Resource]. 2022;17;e0261767	8
4	E. G. K. Dumlu, I.Parlak, O.Ozsoy, M.Demirci, B.Karakan, S.Kilic, M., Effect of learning curve on the perioperative course of robotic-assisted laparoscopic donor nephrectomy compared with laparoscopic donor nephrectomy. Revista Da Associacao Medica Brasileira. 2021;67;1033-1037	12
5	A. B. S. Porcaro, S.Bizzotto, L.Sebben, M.Cacciamani, G. E.de Luyk, N.Corsi, P.Tafuri, A.Processali, T.Mattevi, D.Cerruto, M. A.Brunelli, M.Novella, G.De Marco, V.Artibani, W., Is a Drain Needed After Robotic Radical Prostatectomy With or Without Pelvic Lymph Node Dissection? Results of a Single-Center Randomized Clinical Trial. Journal of Endourology. 2021;35;922-928	2
6	F. B. Narducci, E.Hebert, T.Gauthier, T.Collinet, P.Classe, J. M.Lecuru, F.Delest, A.Motton, S.Conri, V.Ferrer, C.Marchal, F.Ferron, G.Probst, A.Thery, J.Le Deley, M. C.Lefebvre, D.Francon, D.Leblanc, E.Lambaudie, E., Severe perioperative morbidity after robot-assisted versus conventional laparoscopy in gynecologic oncology: Results of the randomized ROBOGYN-1004 trial. Gynecologic Oncology. 2020;158;382-389	12
7	L. S. Loverix, R. R.Van Nieuwenhuysen, E.Concin, N.Han, S.van Gorp, T.Vergote, I., Para-aortic lymph node surgical staging in locally-advanced cervical cancer: comparison between robotic versus conventional laparoscopy. International Journal of Gynecological Cancer. 2020;30;466-472	12
8	Y. H. Li, D.Su, D.Chen, J.Yang, L., Postoperative cognitive dysfunction after robot-assisted radical cystectomy (RARC) with cerebral oxygen monitoring an observational prospective cohort pilot study. BMC Anesthesiology. 2019;19(1);202	13
9	A. C. T. Nichols, J.Prisman, E.Read, N.Berthelet, E.Tran, E.Fung, K.de Almeida, J. R.Bayley, A.Goldstein, D. P.Hier, M.Sultanem, K.Richardson, K.Mlynarek, A.Krishnan, S.Le, H.Yoo, J.MacNeil, S. D.Winquist, E.Hammond, J. A.Venkatesan, V.Kuruvilla, S.Warner, A.Mitchell, S.Chen, J.Corsten, M.Johnson-Obaseki, S.Eapen, L.Odell, M.Parker, C.Wehrli, B.Kwan, K.Palma, D. A., Radiotherapy versus transoral robotic surgery and neck dissection for oropharyngeal squamous cell carcinoma (ORATOR): an open-label, phase 2, randomised trial. Lancet Oncology. 2019;20;1349-1359	3
10	H. P. Falconer, K.Stalberg, K.Dahm-Kahler, P.Ottander, U.Lundin, E. S.Wijk, L.Kimmig, R.Jensen, P. T.Zahl Eriksson, A. G.Maenpaa, J.Persson, J.Salehi, S., Robot-assisted approach to cervical cancer (RACC): an international multi-center, open-label randomized controlled trial. International Journal of Gynecological Cancer. 2019;29;1072-1076	8
11	M. G. Plante, P.Barber, N.Bidair, M.Anderson, P.Sutton, M.Aho, T.Kramolowsky, E.Thomas, A.Cowan, B.Kaufman, R. P., Jr.Trainer, A.Arther, A.Badlani, G.Desai, M.Doumanian, L.Te, A. E.DeGuenther, M.Roehrborn, C., Symptom relief and anejaculation after aquablation or transurethral resection of the prostate: subgroup analysis from a blinded randomized trial. BJU International. 2019;123;651-660	3

12	E. S. A. d. C. Silva, J. P. M.Anton, C.Fernandes, R. P.Baracat, E. C.Carvalho, J. P., Introduction of robotic surgery for endometrial cancer into a Brazilian cancer service: a randomized trial evaluating perioperative clinical outcomes and costs. Clinics (Sao Paulo, Brazil). 2018;73;e522s	12
13	M. J. C. Scheltema, J. I.Bohm, M.van den Bos, W.Blazevski, A.Gielchinsky, I.Kalsbeek, A. M. F.van Leeuwen, P. J.Nguyen, T. V.de Reijke, T. M.Siriwardana, A. R.Thompson, J. E.de la Rosette, J. J.Stricker, P. D., Pair-matched patient-reported quality of life and early oncological control following focal irreversible electroporation versus robot-assisted radical prostatectomy. World Journal of Urology. 2018;36;1383-1389	13
14	A. S. Rillig, B.Di Biase, L.Lin, T.Scholz, L.Heeger, C. H.Metzner, A.Steven, D.Wohlmuth, P.Willems, S.Trivedi, C.Galllinghouse, J. G.Natale, A.Ouyang, F.Kuck, K. H.Tilz, R. R., Manual Versus Robotic Catheter Ablation for the Treatment of Atrial Fibrillation: The Man and Machine Trial. JACC. Clinical Electrophysiology. 2017;3;875-883	3
15	C. G. Giberti, F.Schenone, M.Gastaldi, E.Cortese, P.Ninotta, G.Becco, D., Robotic prostatectomy versus brachytherapy for the treatment of low risk prostate cancer. Canadian Journal of Urology. 2017;24;8728-8733	3
16	E. L. Soto, T. H.Liu, X.Magrina, J. F.Wasson, M. N.Einarsson, J. I.Cohen, S. L.Falcone, T., Laparoscopy vs. Robotic Surgery for Endometriosis (LAROSE): a multicenter, randomized, controlled trial. Fertility & Sterility. 2017;107;996-1002.e3	12
17	Q. Q. Z. He, J.Zhuang, D. Y.Fan, Z. Y.Zheng, L. M.Zhou, P.Hou, L.Yu, F.Li, Y. N.Xiao, L.Dong, X. F.Ni, G. F., Comparative Study between Robotic Total Thyroidectomy with Central Lymph Node Dissection via Bilateral Axillo-breast Approach and Conventional Open Procedure for Papillary Thyroid Microcarcinoma. Chinese Medical Journal. 2016;129;95117	12
18	L. H. B. Clark, E. L.Gehrig, P. A.Soper, J. T.Boggess, J. F.Kim, K. H., Does the Robotic Platform Reduce Morbidity Associated With Combined Radical Surgery and Adjuvant Radiation for Early Cervical Cancers?. International Journal of Gynecological Cancer. 2016;26;1485-9	13
19	D. M. Ramirez, M. J.Caputo, P. A.Nelson, R. J.Kara, O.Malkoc, E.Kaouk, J. H., Predicting complications in partial nephrectomy for T1a tumours: does approach matter?. BJU International. 2016;118;940-945	13
20	W. S. S. Tan, A.Ellis, G.Lamb, B.Goldstraw, M.Nathan, S.Hines, J.Cathcart, P.Briggs, T.Kelly, J., Analysis of open and intracorporeal robotic assisted radical cystectomy shows no significant difference in recurrence patterns and oncological outcomes. Urologic Oncology. 2016;34;257.e1-9	13
21	A. S. G. Bhattu, A.Sabnis, R. B.Murali, V.Mishra, S.Desai, M., Robot-Assisted Laparoscopic Donor Nephrectomy vs Standard Laparoscopic Donor Nephrectomy: A Prospective Randomized Comparative Study. Journal of Endourology. 2015;29;1334-40	12
22	A. P. Sabashnikov, N. P.Weymann, A.Mohite, P. N.Zych, B.Garcia Saez, D.Popov, A. F.Wahlers, T.Wittwer, T.Wippermann, J.Amrani, M.Trimlett, R.Simon, A. R.Pepper, J.Bahrami, T., Outcomes after different non-sternotomy approaches to left single-vessel revascularization: a comparative study with up to 10-year follow-up. European Journal of Cardio-Thoracic Surgery. 2014;46;e48-55	13
23	W. M. Ullah, A.Hunter, R. J.Baker, V.Richmond, L.Cantor, E. J.Dhinoja, M. B.Sporton, S.Earley, M. J.Schilling, R. J., Randomized trial comparing robotic to manual ablation for atrial fibrillation. Heart Rhythm. 2014;11;1862-9	12
24	H. G. Danuser, C.Pelzer, N.Ruhle, A.Stucki, P.Mattei, A., One- vs 4-week stent placement after laparoscopic and robot-assisted pyeloplasty: results of a prospective randomised single-centre study. BJU International. 2014;113;931-5	2

25	K. R. S. Ghani, S.Sammon, J. D.Rogers, C. G.Trinh, Q. D.Menon, M., Practice patterns and outcomes of open and minimally invasive partial nephrectomy since the introduction of robotic partial nephrectomy: results from the nationwide inpatient sample. Journal of Urology. 2014;191;907-12	13
26	A. M. K. Emara, S. S.Hindley, R. G.Barber, N. J., Robot-assisted partial nephrectomy vs laparoscopic cryoablation for the small renal mass: redefining the minimally invasive 'gold standard'. BJU International. 2014;113;33848	13
27	Y. S. H. Patel, W. C.Fahim, C.Shargall, Y.Waddell, T. K.Yasufuku, K.Machuca, T. N.Pipkin, M.Baste, J. M.Xie, F.Shiwcharan, A.Foster, G.Thabane, L., RAVAL trial: Protocol of an international, multi-centered, blinded, randomized controlled trial comparing robotic-assisted versus video-assisted lobectomy for earlystage lung cancer. PLoS ONE. 2022;17(2 February);e0261767	9
28	R. F. Mastroianni, M.Tuderti, G.Anceschi, U.Bove, A. M.Brassetti, A.Misuraca, L.Zampa, A.Torregiani, G.Ghiani, E.Giannarelli, D.Guaglianone, S.Gallucci, M.Simone, G., Open Radical Cystectomy Versus Robot-Assisted Radical Cystectomy with Intracorporeal Urinary Diversion: Early Outcomes of a Single Center Randomised Controlled Trial. The Journal of urology. 2022;;207(5);982-992	9
29	N. Z. Zhou, X.Man, L., Comparison of the efficacy between robot-assisted and conventional laparoscopic nephron-sparing surgery for early-stage renal cell carcinoma. International Journal of Clinical and Experimental Medicine. 2019;12(4);3591-3601	1
30	A. D. T. Asimakopoulos, L.De Angelis, M.Agro, E. F.Pastore, A. L.Fuschi, A.Annino, F., Retzius-sparing versus standard robot-assisted radical prostatectomy: a prospective randomized comparison on immediate continence rates. Surgical Endoscopy. 2019;33;2187-2196	3
31	B. P. R. Muller-Stich, M. A.Mehrabi, A.Wente, M. N.Fischer, L.Koninger, J.Gutt, C. N., No relevant difference in quality of life and functional outcome at 12 months' follow-up-A randomised controlled trial comparing robot-assisted versus conventional laparoscopic Nissen fundoplication. Langenbeck's Archives of Surgery. 2009;394(3);441-446	12

2차 선택배제 배제목록(12,466건)

연번	서지정보	배제사유
1	N. S. Kubo, K.Tamamori, Y.Fukui, Y.Kuroda, K.Aomatsu, N.Nishii, T.Tachimori, A.Maeda, K., ASO Visual Abstract: Less Severe Intra-abdominal Infections in Robotic Surgery for Gastric Cancer Compared with Conventional Laparoscopic Surgery: A Propensity Score-Matched Analysis. Annals of Surgical Oncology. 2022;29;3922-3933	11
2	R. L. Ma, R. S.Nguyen, J. H.Cowan, A.Haque, T. F.You, J.Robert, S. I.Cen, S.Jarc, A.Gill, I. S.Hung, A. J., Tailored Feedback Based on Clinically Relevant Performance Metrics Expedites the Acquisition of Robotic Suturing Skills-An Unblinded Pilot Randomized Controlled Trial. Journal of Urology. 2022;208;414-424	2
3	A. Y. P. Abdelbadee, R. M.McFarland, H. D.Bedaiwy, M. A.Ciancibello, L. M.Anderson, G.Zanotti, K. M., Computerized Tomography Adiposity Morphometrics: A Novel Approach to Predict Pulmonary Intolerance in Endometrial Cancer Patients Undergoing Robotic Pelvic Surgery (RPS). Journal of Minimally Invasive Gynecology. 2015;22;S9-S10	11
4	Z. J.-A. Tsafrir, K.Aoun, J.Abd-El-Barr, A. E.Schiff, L.Talukdar, S.Menon, M.Munkarah, A.Theoharis, E.Eisenstein, D., A Wireless Audio System Improves Teamwork and Communication in Robotic Laparoscopic Surgery. Journal of Minimally Invasive Gynecology. 2015;22;S8	11

5	I. O. Livinti, R.Burgamy, A.Loehrke-Sichhart, L.Mikhail, M.Shah, A. J., Laparoscopic Versus Robotic Surgery Learning Curves. Journal of Minimally Invasive Gynecology. 2015;22;S8-S9	11
6	M. F. Dede, F. B.Bodur, S.Keskin, U.Yenen, M. C., Comparison of Shoulder Pain Reducing Techniques After Laparoscopy and Laparoscopy Assisted Robotic Surgeries. Journal of Minimally Invasive Gynecology. 2015;22;S60	11
7	A. K. Grant, J.Huang, K., Is Decreased Insufflation Pressure During Major Robotic-Assisted Gynecologic Surgery Associated With Decreased Recovery Time and Patient Reported Pain Score. Journal of Minimally Invasive Gynecology. 2015;22;S26	11
8	P. R. Katebi Kashi, G.Javadian, P.Iskandar, G.Tabbarah, R.Garg, R.Rose, G. S., Association Between Patient's BMI and Uterine Weight With Feasibility of Single-Port Robotic-Assisted Surgery in Benign Gynecology. Journal of Minimally Invasive Gynecology. 2015;22;S25	11
9	H. H. C. Chen, C. H.Liu, W. M., Perioperative Complications of Robotic-Assisted Laparoscopic Surgery at a Single Institution. Journal of Minimally Invasive Gynecology. 2015;22;S24	11
10	L. X. Cao, H.Chen, Y.Pan, K.Liang, Z., A Detailed Analysis of the Learning Curve: Da Vinci Robot-Assisted Radical Hysterectomy in Cervical Cancer. Journal of Minimally Invasive Gynecology. 2015;22;S228-S229	11
11	M. R. S. Polin, N. Y.Brown, C.Hesham, H.Comstock, B. A.Lendvay, T. S.Martino, M. A., Crowdsourcing: A Valid Alternative to Expert Evaluation of Robotic Surgery Skills. Journal of Minimally Invasive Gynecology. 2015;22;S19-S20	11
12	L. B. El Hachem, R.Mathews, S.Chuang, L. C.Gretz, H. F., Robotic Single-Site Surgery in Gynecology: Advantages and Pitfalls. Journal of Minimally Invasive Gynecology. 2015;22;S154	11
13	A. M. Okamura, Methods for haptic feedback in teleoperated robot-assisted surgery. The Industrial Robot. 2004;31;499-508	2
14	A. H. K. Menkis, K.Kiaii, B.Swinamer, S. A.Rayman, R.Boyd, W. D., Robotic Surgery, the First 100 Cases: Where Do We Go from Here?. Heart Surgery Forum. 2004;7;44565	5
15	K. Langlotz, Minimally invasive approaches in orthopaedic surgery. Minimally Invasive Therapy & Allied Technologies: Mitat. 2003;12;19-24	8
16	Davies, Robotic devices in surgery. Minimally Invasive Therapy & Allied Technologies: Mitat. 2003;12;44694	8
17	Anonymous, Robotics in endoscopic surgery: can mechanical manipulators provide a more simple solution for the problem of limited degrees of freedom?. Minimally Invasive Therapy & Allied Technologies: Mitat. 2001;10;289-293	8
18	Anonymous, The revolution of computer-aided surgery - the dawn of robotic surgery. Minimally Invasive Therapy & Allied Technologies: Mitat. 2001;10;283-288	8
19	Anonymous, Robotic manipulators in cardiac surgery: the computer-assisted surgical system ZEUS. Minimally Invasive Therapy & Allied Technologies: Mitat. 2001;10;275-81	5
20	Anonymous, Telepresence surgery: first experiences with laparoscopic radical prostatectomy. Minimally Invasive Therapy & Allied Technologies: Mitat. 2001;10;261-270	5
21	D. S. Turner, K., The Role of Computers and Robotics in Endoscopic Surgery. Surgical Technology International. 2000;VIII;23-27	8

22	C. P. Cormi, G.Julio, C.Ecarnot, F.Laplanche, D.Vannieuwenhuyse, G.Duclos, A.Sanchez, S., Understanding the surgeon's behaviour during robot-assisted surgery: protocol for the qualitative Behav'Robot study. BMJ Open. 2022;12;e056002	5
23	G. G. Klazura, A.Sims, T.Rojnica, M.Koo, N.Lobe, T. E., Assessment of the da Vinci Single Port Robotic Platform on Cholecystectomy in Adolescents. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2022;32;438-441	5
24	C. M. Apamon, F.Miroir, M.Le Breton, R.Courteille, E.Fournier, B., Screening of factors influencing catheter rotation of a vascular interventional surgical robot using design of experiment approach. Medical Engineering & Physics. 2022;102;103764	7
25	I. A. K. Lee, J. K.Kim, K.Kang, S. W.Lee, J.Jeong, J. J.Nam, K. H.Chung, W. Y., Robotic Adrenalectomy Using the da Vinci SP Robotic System: Technical Feasibility Comparison with Single-Port Access Using the da Vinci Multi-arm Robotic System. Annals of Surgical Oncology. 2022;29;3085-3092	3
26	F. B. Ghidini, G.Gnech, M.Contini, G.Escolino, M.Esposito, C.Capozza, N.Berrettini, A.Masieri, L.Castagnetti, M., Comparison of Cosmetic Results in Children >10 Years Old Undergoing Open, Laparoscopic or Robotic-Assisted Pyeloplasty: A Multicentric Study. Journal of Urology. 2022;207;1118-1126	13
27	S. K. G. Kamarajah, E. A.Phillips, A. W.Ruurda, J.van Hillegersberg, R.Hofstetter, W. L.Markar, S. R., Robotic Techniques in Esophagogastric Cancer Surgery: An Assessment of Short- and Long-Term Clinical Outcomes. Annals of Surgical Oncology. 2022;29;2812-2825	13
28	P. J. Z. Kneuertz, J.D'Souza, D. M.Abdel-Rasoul, M.Merritt, R. E., National Trends and Outcomes of Segmentectomy in the Society of Thoracic Surgeons Database. Annals of Thoracic Surgery. 2022;113;1361-1369	3
29	Y. C. Li, L.Liu, Y.Ding, H.Lu, H.Pan, A.Zhang, X.Hai, Y.Guan, L., Accuracy and safety of robot-assisted cortical bone trajectory screw placement: a comparison of robot-assisted technique with fluoroscopy-assisted approach. BMC Musculoskeletal Disorders. 2022;23;328	3
30	I. P. Youssef, M.Raghunand, N.Pow-Sang, J.Johnstone, P. A. S., Analysis of MRI radiomic pelvimetry and correlation with margin status after robotic prostatectomy. Canadian Journal of Urology. 2022;29;10976-10978	5
31	S. M. G. Raja, J. T.McConnell, A.Al-Khalidi, H. R.Hartwig, M. G.Klapper, J. A., Perioperative Outcomes of Thymectomy in Myasthenia Gravis: A Thoracic Surgery Database Analysis. Annals of Thoracic Surgery. 2022;113;904-910	5
32	G. G. Rowe, G.Trento, A.Emerson, D.Roach, A.Ramzy, D.Chikwe, J., Robotic Mitral Valve Repair After Failed Transcatheter Edge-to-Edge Repair. Annals of Thoracic Surgery. 2022;113;e223-e225	5
33	R. M. Maki, M.Tsuruta, K.Watanabe, A., Subcarinal Lymph Node Dissection in Solo Robot-assisted Thoracic Surgery. Annals of Thoracic Surgery. 2022;113;e235-e237	8
34	N. C. Zhou, E. M.Antonoff, M. B.Hofstetter, W. L.Mehran, R. J.Rajaram, R.Roth, J. A.Sepesi, B.Swisher, S. G.Vaporciyan, A. A.Walsh, G. L.Rice, D. C., Robotic Surgery and Anatomic Segmentectomy: An Analysis of Trends, Patient Selection, and Outcomes. Annals of Thoracic Surgery. 2022;113;975-983	13
35	J. V. M. L. Grossi, B.Belyansky, I.Carbonell, A. M.Cavazzola, L. T.Novitsky, Y. W.Ballecer, C. D., Critical view of robotic-assisted transverse abdominal release (r-TAR). Hernia. 2021;25;1715-1725	8
36	F. X. Qi, M.Deng, Y.Huang, W.Sun, Y., Application of Da Vinci Robot and Thoracoscopy in Radical Lung Cancer Surgery. Journal of Healthcare Engineering. 2022;2022;2011062	13

37	A. W. Yu, Y.Mossanen, M.Preston, M.Carvalho, F. L.Chung, B. I.Chang, S. L., Robotic-assisted radical cystectomy is associated with lower perioperative mortality in octogenarians. Urologic Oncology. 2022;40;163.e19-163.e23	5
38	E. M. K. v. B. Wit, F.Kleinjan, G. H.Grivas, N.de Korne, C. M.Buckle, T.Donswijk, M. L.Bekers, E. M.van Leeuwen, F. W. B.van der Poel, H. G., The impact of drainage pathways on the detection of nodal metastases in prostate cancer: a phase II randomized comparison of intratumoral vs intraprostatic tracer injection for sentinel node detection. European Journal of Nuclear Medicine & Molecular Imaging. 2022;49;1743-1753	2
39	J. A. Y. Barragan, J.Yu, D.Wachs, J. P., A neurotechnological aid for semi-autonomous suction in robotic-assisted surgery. Scientific Reports. 2022;12;4504	7
40	L. C. Fradet, E.Gao, K.Froggatt, C.Palme, C.Riffat, F.Nguyen, K.Wu, R.Milross, C.Clark, J. R., Avoidance of primary site adjuvant radiotherapy following transoral robotic surgery: a cohort study. ANZ Journal of Surgery. 2022;92;511-517	3
41	M. S. C. Thai, Q. T.Hoang, K. C.Ngo, X. T.Tran, T. T.Nguyen, T. H.Thai, K. L.Vu, D. H.Dinh, L. Q. V.Pham, D. M.Tiong, H. Y.Nguyen, T. T., Introducing robot-assisted laparoscopic donor nephrectomy after experience in retroperitoneal endoscopic approach: a matched propensity score analysis. ANZ Journal of Surgery. 2022;92;531-537	13
42	J. K. C. Kim, S. H.Choi, S. M.Choi, H. R.Lee, C. R.Kang, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y., Single-port transaxillary robotic thyroidectomy (START): 200-cases with two-step retraction method. Surgical Endoscopy. 2022;36;2688-2696	5
43	D. M. Develtere, E.Berquin, C.Sinatti, C.Veys, R.Farinha, R.Pauwels, E.Schatteman, P.Groote, R.D'Hondt, F.Naeyer, G.Mottrie, A., Transvesical Approach in Robot-Assisted Bladder Diverticulectomy: Surgical Technique and Outcome. Journal of Endourology. 2022;36;313-316	5
44	R. P. Farinha, S.Mazzone, E.Amato, M.Rosiello, G.Yadav, S.De Groote, R.Piazza, P.Bravi, C. A.Koukourikis, P.Rha, K. H.Cacciamani, G.Micali, S.Wiklund, P.Rocco, B.Mottrie, A., Potential Contenders for the Leadership in Robotic Surgery. Journal of Endourology. 2022;36;317-326	8
45	A. F. Martini, U. G.Cumarasamy, S.Jambor, I.Wagaskar, V. G.Ratnani, P.Haines Iii, K. G.Tewari, A. K., The Role of 3D Models Obtained from Multiparametric Prostate MRI in Performing Robotic Prostatectomy. Journal of Endourology. 2022;36;387-393	7
46	A. S. R. Rosemurgy, S. B.Espeut, A.Nguyen, D.Crespo, K.Syblis, C.Vasanthakumar, P.Sucandy, I., Survival and Robotic Approach for Pancreaticoduodenectomy: A Propensity Score-Match Study. Journal of the American College of Surgeons. 2022;234;677-684	12
47	K. H. Ihn, I. G.Hong, Y. J.Jeon, H. J.Lee, D.Han, S. J., Changes in outcomes and operative trends with pediatric robot-assisted resection of choledochal cyst. Surgical Endoscopy. 2022;36;2697-2704	3
48	J. K. L. Kim, C. R.Kang, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y., Robotic transaxillary lateral neck dissection for thyroid cancer: learning experience from 500 cases. Surgical Endoscopy. 2022;36;2436-2444	5
49	R. S. Philips, H.Barsouk, A.Swendseid, B.Johnson, J.Bar Ad, V.Luginbuhl, A.Curry, J.Cognetti, D., Trends in Adjuvant Therapy After Surgery for Oropharyngeal Squamous Cell Carcinoma. Laryngoscope. 2022;132;806-812	5
50	A. D. Perutelli, L.Garibaldi, S.Albanesi, G.Baroni, C.Salvati, L.Salvati, N.Cecchi, E.Bottone, P.Salerno, M. G., Efficacy and safety of robotic-assisted surgery in challenging hysterectomies - a single institutional experience. European Review for Medical & Pharmacological Sciences. 2022;26;1235-1240	5
51	K. Ray, Autonomous robotic laparoscopic gastrointestinal surgery. Nature Reviews Gastroenterology & Hepatology. 2022;19;148	8

52	D. T. Altin, S.Ortac, F.Tokgozoglu, N.Vatansever, D.Guler, A. H.Gungor, M.Tasci, T.Bese, T.Turan, H.Kahramanoglu, I.Yalcin, I.Celik, C.Demirkiran, F.Kose, F.Arvas, M.Ayhan, A.Taskiran, C., Diagnostic accuracy of sentinel node biopsy in non-endometrioid, high-grade and/or deep myoinvasive endometrial cancer: A Turkish gynecologic oncology group study (TRSGO-SLN-006). Gynecologic Oncology. 2022;164;492-497	2
53	P. T. Dell'Oglio, F.Larcher, A.D'Hondt, F.Sanchez-Salas, R.Bochner, B.Palou, J.Weston, R.Hosseini, A.Canda, A. E.Bjerggaard, J.Cacciamani, G.Olsen, K. O.Gill, I.Piechaud, T.Artibani, W.van Leeuwen, P. J.Stenzl, A.Kelly, J.Dasgupta, P.Wijburg, C.Collins, J. W.Desai, M.van der Poel, H. G.Montorsi, F.Wiklund, P.Mottrie, A.Erus Educational Working Groupthe, Y. A. U. Working Group on Robot-assisted Surgery, Definition of a Structured Training Curriculum for Robot-assisted Radical Cystectomy with Intracorporeal Ileal Conduit in Male Patients: A Delphi Consensus Study Led by the ERUS Educational Board. European Urology Focus. 2022;8;160-164	5
54	H. Y. Y. Kao, Y. C.Hung, Y. H.Wu, Y. J., When Does Da Vanci Robotic Surgical Systems Come Into Play?. Frontiers in Public Health. 2022;10;828542	1
55	A. J. C. Fenoy, C. R., Frameless Robot-Assisted vs Frame-Based Awake Deep Brain Stimulation Surgery: An Evaluation of Technique and New Challenges. Operative Neurosurgery. 2022;22;171-178	12
56	M. P. S. Andres, C.Villaescusa, M.Vieira, M.Abrao, M. S., The current role of robotic surgery in endometriosis management. Expert Review of Endocrinology & Metabolism. 2022;17;63-73	8
57	D. Y. K. Pushkar, K. B., Lasers in laparoscopic and robotic surgery: is there a need for them. Current Opinion in Urology. 2022;32;199-203	8
58	N. A. A. Shakir, N. F.Buesser, J. F.Amend, G.Breyer, B. N.Buckley, J. C.Erickson, B. A.Broghammer, J. A.Parker, W. P.Zhao, L. C., Durable Treatment of Refractory Vesicourethral Anastomotic Stenosis via Robotic-assisted Reconstruction: A Trauma and Urologic Reconstructive Network of Surgeons Study. European Urology. 2022;81;176-183	5
59	A. D. Breda, P.Territo, A.Gallioli, A.Piana, A.Gaya, J. M.Gavrilov, P.Desender, L.Van Parys, B.Van Praet, C.Lambert, E.Khene, Z. E.Dang, V.Doumerc, N.Decaestecker, K., Intracorporeal Versus Extracorporeal Robot-assisted Kidney Autotransplantation: Experience of the ERUS RAKT Working Group. European Urology. 2022;81;168-175	3
60	Z. L. Z. Ni, X. H.Wang, G. A.Yue, W. Q.Li, Z.Bian, G. B.Hou, Z. G., SurgiNet: Pyramid Attention Aggregation and Class-wise Self-Distillation for Surgical Instrument Segmentation. Medical Image Analysis. 2022;76;102310	7
61	G. J. J. McKenna, L.Testa, G., Technological Advancements in Uterus Transplantation. Clinical Obstetrics & Gynecology. 2022;65;44-51	8
62	P. Z. Chen, B.Wang, T.Hu, X.Ye, Y.Guo, W., Comparative Efficacy of Robot-Assisted and Laparoscopic Distal Pancreatectomy: A Single-Center Comparative Study. Journal of Healthcare Engineering. 2022;2022;7302222	12
63	P. T. Sakthivel, A.Fernandez-Fernandez, M. M.Panda, S.Sikka, K.Amit Singh, C.Kumar, R.Kakkar, A.Sharma, A.Bhasker, S., TransOral UltraSonic surgery (TOUSS) for oral cavity, oropharyngeal and supraglottic malignancy: A prospective study of feasibility, safety, margins, functional and survival outcomes. Oral Oncology. 2022;124;105643	5
64	A. B. Arora, S., Challenges and Complications in Freehand S2-Alar-Iliac Spinopelvic Fixation and the Potential for Robotics to Enhance Patient Safety. Global Spine Journal. 2022;12;45S-52S	8

65	F. Z. Wang, H.Qiu, G.Wang, Z.Li, Z.Wang, Y., Double-Docking Technique, an Optimized Process for Intrathoracic Esophagogastrostomy in Robot-Assisted Ivor Lewis Esophagectomy. Frontiers in Surgery. 2022;9;811835	5
66	Y. C. L. Chuang, P. W.Lin, H. C.Chang, C. T.Friedman, M.Salapatas, A. M.Lin, C. Y., Effects of TORS-OSA Surgery on Lower Urinary Tract Symptoms, Overactive Bladder Symptoms, and Nocturia in Male Patients with Obstructive Sleep Apnea/Hypopnea Syndrome. Nature & Science of Sleep. 2022;14;547-556	5
67	G. M. W. Mranda, T.Wang, Y.Xiang, Z. P.Liu, J. J.Xue, Y.Zhou, X. G.Ding, Y. L., Anatomy and assessment of a modified technique during totally robotic distal gastrectomy: A retrospective cohort study. Annals of Medicine & Surgery. 2022;75;103466	5
68	P. C. E. McAfee, L.Mullinix, K., Robot for Ligament Tensioning and Assessment of Spinal Stability. Global Spine Journal. 2022;12;53S-58S	7
69	F. M. Gaboardi, G.Smelzo, S.Pini, G.Marchi, D.Passaretti, G.Saitta, G.Rigatti, L.Suardi, N., Robotic-assisted laparoscopic pyeloplasty with the use of the Contour TM stent: description of the technique and analysis of outcomes after the first 30 cases. Central European Journal of Urology. 2019;72;51-53	5
70	R. V. Arora, V. K.Mishra, K. S.Bhoye, H.Kapoor, R., Reconstruction with free flaps in robotic head-and-neck onco-surgeries. Indian Journal of Plastic Surgery. 2018;51;283-289	5
71	J. E. L. Yun, N. R.Kwak, C.Rha, K. H.Seo, S. I.Hong, S. H.Lee, Y. G.Park, D. A.Kim, C. S.Lee, S. H., Clinical outcomes and costs of robotic surgery in prostate cancer: a multiinstitutional study in Korea. Prostate International. 2019;7;19-24	12
72	M. P. N. Kim, D. T.Meisenbach, L. M.Graviss, E. A.Chan, E. Y., Da Vinci Xi robot decreases the number of thoracotomy cases in pulmonary resection. Journal of Thoracic Disease. 2019;11;145-153	5
73	G. P. A. Monterossi, L.Gueli Alletti, S.Fagotti, A.Fanfani, F.Scambia, G., The first European gynaecological procedure with the new surgical robot Hugo TM RAS. A total hysterectomy and salpingo-oophorectomy in a woman affected by BRCA-1 mutation. Facts Views & Vision in Obgyn. 2022;14;91-94	5
74	H. G. Jin, S.Tao, Y.Huo, H.Sun, X.Song, D.Xu, M.Xu, Z.Liu, Y.Wang, S.Yuan, L.Wang, T.Song, W.Pan, H., A comparative study of asleep and awake deep brain stimulation robot-assisted surgery for Parkinson's disease. Npj Parkinsons Disease. 2020;6;27	2
75	R. I. Baio, O.Di Mauro, U.Pane, U.Molisso, G.Sanseverino, R., Near-infrared fluorescence imaging with intraoperative administration of indocyanine green for laparoscopic radical prostatectomy: Is it a useful weapon for pelvic lymph node dissection?. Journal of Surgical Case Reports. 2022;2022;rjab614	2
76	M. H. Rangabashyam, W.Hao, Y.Han, H. J.Loh, S.Toh, S. T., State of the art transoral robotic surgery for obstructive sleep apnea-hypopnea syndrome. Robotic Surgery. 2016;3;13-28	8
77	A. S. S. Tamhankar, R.Gautam, G., Are we ready for urological subspecialty-based practice in India? The resident's perspective. Indian Journal of Urology. 2019;35;54-60	5
78	L. Y. Rapoport, O.Shpot, E.Chinenov, D.Chernov, Y.Yurova, M.Enikeev, D., Radical prostatectomy performed via robotic, transperitoneal and extraperitoneoscopic approaches: functional and early oncological outcomes. Central European Journal of Urology. 2018;71;378-385	12
79	S. H. H. Choi, S.Kim, M.Bae, H. S.Kim, M. K.Kim, M. L.Jung, Y. W.Yun, B. S.Seong, S. J., Robotic-assisted laparoscopic myomectomy: the feasibility in single-site system. Obstetrics & Gynecology Science. 2019;62;56-64	5

80	A. D. Skinner, D.Kumar, R.Cannon-Bowers, J.Smith, R.Tanaka, A.Julian, D.Perez, R., Development and application of a multi-modal task analysis to support intelligent tutoring of complex skills. International Journal of Stem Education. 2018;5;14	2
81	J. H. L. Han, J. H.Hwang, D. W.Song, K. B.Shin, S. H.Kwon, J. W.Lee, Y. J.Kim, S. C.Park, K. M., Robot resection of a choledochal cyst with Roux-en-y hepaticojejunostomy in adults: Initial experiences with 22 cases and a comparison with laparoscopic approaches. Annals of Hepatobiliarypancreatic Surgery. 2018;22;359-366	12
82	D. K. Lee, H. J.Kim, D.Yi, J. W.Chai, Y. J.Lee, K. E.Kim, H. C., Preliminary study on application of augmented reality visualization in robotic thyroid surgery. Annals of surgical treatment and research. 2018;95;297-302	7
83	M. M. Rodriguez, R.Leon, P.Panaro, F.Tzedakis, S.Perotto, O.Varatharajah, S.de'Angelis, N.Riva, P.Mutter, D.Navarro, F.Marescaux, J.Pessaux, P., Which method of distal pancreatectomy is cost-effective among open, laparoscopic, or robotic surgery?. Hepatobiliary Surgery & Nutrition. 2018;7;345-352	12
84	S. L. Park, Y. E.Cho, S. S.Park, S. H.Park, S. T., Patient-reported satisfaction after robot-assisted hysterectomy among Korean patients with benign uterine disease. Obstetrics & Gynecology Science. 2018;61;675-683	5
85	R. S. Sinha, G.Rupa, B.Madhumathi, S., Laparoscopic hysterectomy for large uteri: Outcomes and techniques. Journal of Minimal Access Surgery. 2019;15;44786	5
86	T. P. Mohan, J.Thilak, J.Shaji, D.Hari, H., Short-Term Outcomes of Robotic Lateral Unicompartmental Knee Arthroplasty: An Indian Perspective. Indian Journal of Orthopaedics. 2022;56;655-663	5
87	E. M. Ammer, L. S.Silbersdorff, I. C.Kahl, F.Hagmayer, Y., Robotic Anxiety-Parents' Perception of Robot-Assisted Pediatric Surgery. Children. 2022;9;11	5
88	D. M. Ribero, F.Sega, V.Lo Conte, D.Mellano, A.Spinoglio, G., ICG-Guided Lymphadenectomy during Surgery for Colon and Rectal Cancer-Interim Analysis of the GREENLIGHT Trial. Biomedicines. 2022;10;24	5
89	M. W. Zhou, J.Ebrahimi, A.Patel, N.Liu, Y.Navab, N.Gehlbach, P.Knoll, A.Nasseri, M. A.Iordachita, I., Spotlight-based 3D Instrument Guidance for Autonomous Task in Robot-assisted Retinal Surgery. IEEE Robotics And Automation Letters. 2021;6;7750-7757	7
90	J. J. A. Cabibihan, A. Y.Gulrez, T.Yoon, W. J., Dataset for influence of visual and haptic feedback on the detection of threshold forces in a surgical grasping task. Data in Brief. 2022;42;108045	7
91	S. O. Cerny, W.Onan, B.Singh, S.Segers, P.Bolcal, C.Alhan, C.Navarra, E.Pettinari, M.Van Praet, F.De Praetere, H.Vojacek, J.Cebotaru, T.Modi, P.Doguet, F.Franke, U.Ouda, A.Melly, L.Malapert, G.Labrousse, L.Gianoli, M.Agnino, A.Philipsen, T.Jansens, J. L.Folliguet, T.Palmen, M.Pereda, D.Musumeci, F.Suwalski, P.Cathenis, K.Van den Eynde, J.Bonatti, J., Robotic Cardiac Surgery in Europe: Status 2020. Frontiers in Cardiovascular Medicine. 2021;8;827515	5
92	M. S. Y. Choi, S. H.Oh, C. K.Shin, J. K.Park, Y. A.Huh, J. W.Cho, Y. B.Kim, H. C.Lee, W. Y., Learning curve for single-port robot-assisted rectal cancer surgery. Annals of surgical treatment and research. 2022;102;159-166	5
93	H. A.-T. Al-Thani, N.Al-Sulaiti, M.Tabeb, A.Asim, M.El-Menyar, A., A Descriptive Comparative Analysis of the Surgical Management of Adrenal Tumors: The Open, Robotic, and Laparoscopic Approaches. Frontiers in Surgery. 2022;9;848565	13
94	D. A. Darlington, F. S.Joseph, C., A Cross-Sectional Study of Resident Training in Robotic Surgery in India. Cureus. 2022;14;e22162	2

95	R. J. D. Nelson, J.Maurice, M. J.Chavalia, J. S. S.Ramirez, D.Caputo, P. A.Babbar, P.Yerram, N. K.Kaouk, J. H., Robotic cold ischemia achieves comparable functional outcomes to open cold ischemia during partial nephrectomy for complex kidney tumors. Urology Annals. 2018;10;386-390	13
96	E. F. Papalekas, J., Trends in Route of Hysterectomy after the Implementation of a Comprehensive Robotic Training Program. Minimally Invasive Surgery. 2018;2018;7362489	5
97	Y. O. Kawasaki, Y.Saito, H.Suzuki, S.Matsuhashi, T.Yamada, T., An investigation on endoscopic laryngopharyngeal surgery and related outcomes. Wideochirurgia i Inne Techniki Maloinwazyjne. 2018;13;394-400	2
98	H. W. L. Lai, S. L.Chen, S. T.Chen, S. L.Lin, Y. L.Chen, D. R.Kuo, S. J., Robotic Nipple-sparing Mastectomy and Immediate Breast Reconstruction with Gel Implant. Plastic and Reconstructive Surgery - Global Open. 2018;6;e1828	5
99	Y. Z. Debakey, A.Farag, A.Mahmoud, A.Elattar, I., Robotic-Assisted versus Conventional Laparoscopic Approach for Rectal Cancer Surgery, First Egyptian Academic Center Experience, RCT. Minimally Invasive Surgery. 2018;2018;5836562	12
100	R. B. C. Lira, T. C.Kowalski, L. P., Variations and results of retroauricular robotic thyroid surgery associated or not with neck dissection. Gland Surgery. 2018;7;S42-S52	5
101	A. A. Tienza, Y.Rassweiler, J.Gozen, A. S., A match-pair analysis of continence in intermediate and high-risk prostate cancer patients after robot-assisted radical prostatectomy: the role of urine loss ratio and predictive analysis. Prostate International. 2018;6;94-98	5
102	J. M. G.-C. Deese, G.Carter, D. A.Sasser, T. M., Jr.Brown, K. L., Patient reported and clinical outcomes of robotic-arm assisted unicondylar knee arthroplasty: Minimum two year follow-up. Journal of Orthopaedics. 2018;15;847-853	5
103	B. D. Hu, H., Evolution of Endoscopic Thyroidectomy: Will a Novel Single Channel Flexible Endoscopic Approach Change the Treatment Paradigm?. International journal of general medicine. 2022;15;2795-2798	8
104	C. H. L. Yang, Y. S.Weng, W. C.Hsu, C. Y.Tung, M. C.Ou, Y. C., Incidental Prostate Cancer from Prostate with Benign Biopsies: A Predictive and Survival Analysis from Cohort Study. International journal of general medicine. 2022;15;2807-2816	2
105	N. P. Takeshita, S. J.Chiu, P. W.Ho, K. Y., Global Evaluative Assessment of Robotic Skills in Endoscopy (GEARS-E): objective assessment tool for master and slave transluminal endoscopic robot. Endoscopy International Open. 2018;6;E1065-E1069	7
106	S. R. Himanshu, M. K.Vishnu, R.Kishore, T. A., Robotic-assisted dual kidney transplantation. Urology Annals. 2018;10;330-332	5
107	R. A. M. Azhar, A. A.Badr, H. M.Nedal, N.Nassir, A. M., Current status of robot-assisted urologic surgery in Saudi Arabia: Trends and opinions from an Internet-based survey. Urology Annals. 2018;10;263-269	5
108	J. L. Huang, J.Li, H.Lin, H.Lu, P.Luo, Q., Continuous 389 cases of Da Vinci robot-assisted thoracoscopic lobectomy in treatment of non-small cell lung cancer: experience in Shanghai Chest Hospital. Journal of Thoracic Disease. 2018;10;3776-3782	5
109	X. S. Zhang, Y.Yang, Y.Sun, Y.Ye, B.Guo, X.Mao, T.Hua, R.Li, Z., Robot assisted esophagectomy for esophageal squamous cell carcinoma. Journal of Thoracic Disease. 2018;10;3767-3775	5

110	K. N. K. Han, H. K.Choi, Y. H., Application of a three-dimensional video system in the training for uniportal thoracoscopic surgery. Journal of Thoracic Disease. 2018;10;3643-3650	1
111	G. C. Duclos, A.Resseguier, N.Trousse, D.D'Journo, X. B.Zieleskiewicz, L.Thomas, P. A.Leone, M., Postoperative morphine consumption and anaesthetic management of patients undergoing video-assisted or robotic-assisted lung resection: a prospective, propensity score-matched study. Journal of Thoracic Disease. 2018;10;3558-3567	3
112	L. Y. W. Qin, J. Z.Chui, C. S.Leung, K. S., Housing design and testing of a surgical robot developed for orthopaedic surgery. Journal of Orthopaedic Translation. 2016;5;72-80	7
113	A. S. P. Tamhankar, S. R.Ahluwalia, P.Gautam, G., Robot-assisted radical nephroureterectomy with extended template lymphadenectomy for upper tract urothelial carcinoma: An outcome analysis. Indian Journal of Urology. 2018;34;212-218	5
114	M. A. A. Balay, P.Schlageter, M. H.Georges, O.Meas, T.Bechara, M.Toubert, M. E.Faugeron, I.Monpeyssen, H.Chougnet, C. N., Successful Treatment of Differentiated Thyroid Carcinoma with Transaxillary Robotic Surgery and Radioiodine: The First European Experience. European Thyroid Journal. 2018;7;149-154	5
115	K. U. Hirooka, K.Nitta, E.Ueda, N.Hayashida, Y.Hirama, H.Taoka, R.Sakura, Y.Yamasaki, M.Tsunemori, H.Sugimoto, M.Kakehi, Y., The Effect of Steep Trendelenburg Positioning on Retinal Structure and Function during Robotic-Assisted Laparoscopic Procedures. Journal of ophthalmology. 2018;2018;1027397	2
116	H. L. Li, J.Huang, J.Yang, Y.Luo, Q., Robotic-assisted mediastinal surgery: the first Chinese series of 167 consecutive cases. Journal of Thoracic Disease. 2018;10;2876-2880	5
117	L. C. O. N. George, R.Merchant, A. M., Residency Training in Robotic General Surgery: A Survey of Program Directors. Minimally Invasive Surgery. 2018;2018;8464298	5
118	L. G. W. Melstrom, S. G.Woo, Y.Sun, V.Lee, B.Singh, G.Fong, Y., Selecting incision-dominant cases for robotic liver resection: towards outpatient hepatectomy with rapid recovery. Hepatobiliary Surgery & Nutrition. 2018;7;77-84	5
119	C. K. P. Sudoko, M. A.Gosselin, B. J.Paydarfar, J. A., Diagnostic Value of Lingual Tonsillectomy in Unknown Primary Head and Neck Carcinoma Identification After a Negative Clinical Workup and Positron Emission Tomography-Computed Tomography. Frontiers in Oncology. 2018;8;118	5
120	P. A. Gorphe, A.Honart, J. F.Ton Van, J.El Bedoui, S.Bidault, F.Temam, S.Kolb, F.Qassemyar, Q., Revisiting vascular contraindications for transoral robotic surgery for oropharyngeal cancer. Laryngoscope Investigative Otolaryngology. 2018;3;121-126	5
121	H. C. Zhang, L.Zheng, Y.Wang, Z.Geng, Y.Wang, F.Liu, D.He, A.Li, J.Wang, Y., Robot-assisted thymectomy via subxiphoid approach: technical details and early outcomes. Journal of Thoracic Disease. 2018;10;1677-1682	5
122	A. S. Adam, J., A Novel Vesicoscopic Bladder Wall Suture Fixation Technique to Aid Endoscopic Vesicostomy Button Insertion. Current Urology. 2018;11;157-162	5
123	P. M. Panwar, R. S.Mete, U. K.Kumar, S.Bora, G. S.Devana, S. K.Mandal, A. K.Singh, S. K.Kakkar, N., Perioperative outcomes of minimally invasive versus open radical cystectomy: A single-center experience. Indian Journal of Urology. 2018;34;115-121	13

124	C. G. Peng, L.Wang, L.Huang, Q.Wang, B.Guo, G.Fan, Y.Gao, Y.Ma, X.Zhang, X., Role of presurgical targeted molecular therapy in renal cell carcinoma with an inferior vena cava tumor thrombus. OncoTargets and therapy. 2018;11;1997-2005	2
125	E. C. Gundes, D. A.Aday, U.Ciyiltepe, H.Bozdag, E.Senger, A. S.Gulmez, S.Deger, K. C.Uzun, O.Polat, E., Gastric cancer with situs inversus totalis: does it really create difficulties for surgeons?. Przeglad Gastroenterologiczny. 2018;13;47-51	8
126	Y. J. L. Lee, D. E.Bae, J.Ha, H. I.Lim, M. C., Learning Curve Analysis of Single-Site Robot-Assisted Hysterectomy. Journal of Clinical Medicine. 2022;11;2	5
127	C. J. K. Koh, K. S.Gerber, J. A.Bhatia, V.Zhu, H.Baek, M.Song, S. H., Development and Validation of a Scoring System for Assessment of Clinical Failure after Pediatric Robot-Assisted Laparoscopic Extravesical Ureteral Reimplantation: A Multi-Center Study. Journal of Clinical Medicine. 2022;11;28	2
128	H. K. Lee, W.Han, Y.Kim, J. R.Kim, S. W.Jang, J. Y., Comparison of surgical outcomes of intracorporeal hepaticojejunostomy in the excision of choledochal cysts using laparoscopic versus robot techniques. Annals of surgical treatment and research. 2018;94;190-195	12
129	J. Y. K. An, S. M.Ahn, S.Choi, M. G.Lee, J. H.Sohn, T. S.Bae, J. M.Kim, S., Successful Robotic Gastrectomy Does Not Require Extensive Laparoscopic Experience. Journal of Gastric Cancer. 2018;18;90-98	5
130	J. S. W. Schachar, K. S.Winkler, H. A., Robotic-assisted Sacrocolpopexy with versus without Concomitant Midurethral Sling: A 2-year Follow-up of Urinary Symptoms and Quality of Life. Journal of Mid-life Health. 2018;9;26-31	3
131	P. K. Tosh, S. V.Rajan, S.Nair, H. M.Puthanveettil, N.Kumar, L., Does Restrictive Fluid Strategy during Robotic Pelvic Surgeries Obtund Intraoperative Rise in Intraocular Pressure?. Anesthesia: Essays and Researches. 2018;12;155-158	5
132	P. B. Novellis, E.Voulaz, E.Cariboni, U.Testori, A.Bertolaccini, L.Giordano, L.Dieci, E.Granato, L.Vanni, E.Montorsi, M.Alloisio, M.Veronesi, G., Robotic surgery, video-assisted thoracic surgery, and open surgery for early stage lung cancer: comparison of costs and outcomes at a single institute. Journal of Thoracic Disease. 2018;10;790-798	13
133	D. T. H. Yin, L.Han, B.Chen, X.Yin, S. M.Zhou, W.Chu, J.Liang, T.Yun, T. Y.Liu, Y., Independent long-term result of robotic thymectomy for myasthenia gravis, a single center experience. Journal of Thoracic Disease. 2018;10;321-329	5
134	J. P. Le Moal, C.Dacher, J. N.Baste, J. M., Three-dimensional computed tomography reconstruction for operative planning in robotic segmentectomy: a pilot study. Journal of Thoracic Disease. 2018;10;196-201	7
135	F. R. Davini, S.Zirafa, C. C.Cavaliere, I.Romano, G.Melfi, F., Treatment of pulmonary nodule: from VATS to RATS. Journal of Visualized Surgery. 2018;4;36	5
136	O. R. Garcia, C., Surgical management of Chilaiditi syndrome with da Vinci R robotic system. International Journal of Surgery Case Reports. 2017;41;450-452	5
137	V. A. Tugcu, O.Simsek, A.Yigitbasi, I.Yenice, M. G.Sahin, S.Tasci, A. I., Robotic perineal radical prostatectomy and robotic pelvic lymph node dissection via a perineal approach: The Tugcu Bakirkoy Technique. Turkish Journal of Urology. 2018;44;114-118	3
138	R. F. G. Solodova, V. V.Nakashidze, E. R.Shapovalyants, S. G.Andreytsev, I. L.Sokolov, M. E.Podolskii, V. E., Instrumental Mechanoreceptoric Palpation in Gastrointestinal Surgery. Minimally Invasive Surgery. 2017;2017;6481856	5
139	D. S. Z. Strassberg, S. M.Gardner, P.Dechet, C.Stephenson, R. A.Sewell, K. K., Quality of Life Following Prostatectomy as a Function of Surgery Type and Degree of Nerve Sparing. Current Urology. 2017;11;16-20	12

140	B. K. P. L. Goh, S. Y.Kam, J. H.Soh, H. L.Cheow, P. C.Chow, P. K. H.Ooi, LlpjChung, A. Y. F.Chan, C. Y., Evolution of minimally invasive distal pancreatectomies at a single institution. Journal of Minimal Access Surgery. 2018;14;140-145	3
141	S. C. Lin, J.Tang, K.He, Y.Xu, X.Xu, D., Trans-umbilical Single-Site Plus One Robotic Assisted Surgery for Choledochal Cyst in Children, a Comparing to Laparoscope-Assisted Procedure. Frontiers in Pediatrics. 2022;10;806919	12
142	R. C. Jootun, P.Ellebaek, M.Andersen, P. V.Salomon, S.Baatrup, G.Al-Najami, I.Khan, J., Robotic vs. TaTME Rectal Surgery (ROTA STUDY) Matched Cohort Trial for Mid to Low Rectal Cancer Surgery Evaluation Trial in the Hands of an Experienced Surgeon. International Journal of Surgery Protocols. 2022;26;44755	4
143	X. Z. Shang, G.Liang, F.Zhang, C.Zhang, W.Liu, L.Li, R.Duan, X.Ma, Z.Yue, J.Chen, C.Meng, B.Ren, X.Jiang, H., Safety and effectiveness of pembrolizumab combined with paclitaxel and cisplatin as neoadjuvant therapy followed by surgery for locally advanced resectable (stage III) esophageal squamous cell carcinoma: a study protocol for a prospective, single-arm, single-center, open-label, phase-II trial (Keystone-001). Annals of Translational Medicine. 2022;10;229	2
144	C. W. S. Barth, V. M.Wang, L. G.Antaris, A. L.Klaassen, A.Sorger, J.Rao, D. A.Kerr, D. A.Henderson, E. R.Alani, A. W. G.Gibbs, S. L., Clinically translatable formulation strategies for systemic administration of nerve-specific probes. Advanced Therapeutics. 2021;4;	7
145	H. J. C. Lee, G. S.Park, J. S.Park, S. Y.Kim, H. J.Woo, I. T.Park, I. K., A novel robotic right colectomy for colon cancer via the suprapubic approach using the da Vinci Xi system: initial clinical experience. Annals of surgical treatment and research. 2018;94;83-87	5
146	R. T. C. Coman, N.Andras, I.Bud, G.Matei, D. V.D. E. Cobelli OComan, I.Bocsan, I. S., Outcomes of robotic-assisted radical prostatectomy for patients in two extreme age-groups (< 50 years vs > 65 years). Clujul Medical. 2018;91;92-97	5
147	H. S. Kim, S.Hwang, Y.Kim, M.Hwang, H.Chung, Y.Cho, H. H.Kim, M. R., Is robot-assisted laparoscopic myomectomy limited in multiple myomas?: a feasibility for ten or more myomas. Obstetrics & Gynecology Science. 2018;61;135-141	13
148	A. R. Chandra, A. M.Jeong, K.Yu, T.Jeon, J. H.Park, S. Y.Lee, S. R.Moon, H. S.Chung, H. W., Clinical experience of long-term use of dienogest after surgery for ovarian endometrioma. Obstetrics & Gynecology Science. 2018;61;111-117	5
149	S. U. J. Bae, W. K.Baek, S. K., Reduced-port robotic total mesorectal resection for rectal cancer using a single-port access: a technical note. Wideochirurgia i Inne Techniki Maloinwazyjne. 2017;12;378-384	5
150	A. A. B. Cumpanas, R.Ferician, O. C.Latcu, S. C.Duta, C.Lazar, F. O., Does previous open surgical experience have any influence on robotic surgery simulation exercises?. Wideochirurgia i Inne Techniki Maloinwazyjne. 2017;12;366-371	1
151	Y. Z. Zheng, X. W.Zhang, H. L.Wang, Z. H.Wang, Y., Modified exposure method for gastric mobilization in robot-assisted esophagectomy. Journal of Thoracic Disease. 2017;9;4960-4966	3
152	E. K. Priatno, S. H., Single stage robotic total mesorectal excision-a stepwise approach. Journal of Visualized Surgery. 2015;1;24	5
153	A. B. d. L. Porcaro, N.Corsi, P.Sebben, M.Tafuri, A.Inverardi, D.De Marchi, D.Tamanini, I.Brunelli, M.Cerruto, M. A.Salvagno, G. L.Guidi, G. C.Artibani, W., Robotic assisted radical prostatectomy accelerates postoperative stress recovery: Final results of a contemporary prospective study assessing pathophysiology of cortisol peri-operative kinetics in prostate cancer surgery. Asian Journal of Urology. 2016;3;88-95	12

154	D. A. Dalela, R.Sood, A.Jeong, W.Bhandari, M.Menon, M., The growth of computer-assisted (robotic) surgery in urology 2000-2014: The role of Asian surgeons. Asian Journal of Urology. 2015;2;44571	8
155	S. W. H. Kuo, P. M.Lin, M. W.Chen, K. C.Lee, J. M., Robot-assisted thoracic surgery for complex procedures. Journal of Thoracic Disease. 2017;9;3105-3113	5
156	Z. X. Yu, Q.Guo, L.Chen, X.Ni, C.Luo, W.Li, W.Ma, L., Perioperative outcomes of robotic surgery for the treatment of lung cancer compared to a conventional video-assisted thoracoscopic surgery (VATS) technique. Oncotarget. 2017;8;91076-91084	8
157	D. D. A. Folk, M., Transoral robotic surgery vs. endoscopic partial midline glossectomy for obstructive sleep apnea. World Journal Of Otorhinolaryngology - Head And Neck Surgery. 2017;3;101-105	12
158	C. M. Vicini, F.Gobbi, R.De Vito, A.Meccariello, G., Transoral robotic surgery for obstructive sleep apnea syndrome: Principles and technique. World Journal Of Otorhinolaryngology - Head And Neck Surgery. 2017;3;97-100	8
159	V. A. Tugcu, O.Simsek, A.Yigitbasi, I.Sahin, S.Tasci, A. I., Robot-assisted radical perineal prostatectomy: first experience of 15 cases. Turkish Journal of Urology. 2017;43;476-483	5
160	K. R. W. Carlaw, H. H., Evaluation of the changing landscape of prostate cancer diagnosis and management from 2005 to 2016. Prostate International. 2017;5;130-134	2
161	D. P. Amparore, F.Pecoraro, A.Verri, P.Checcucci, E.De Cillis, S.Piana, A.Busacca, G.Manfredi, M.Fiori, C.Porpiglia, F., Identification of Recurrent Anatomical Clusters Using Three-dimensional Virtual Models for Complex Renal Tumors with an Imperative Indication for Nephron-sparing Surgery: New Technological Tools for Driving Decision-making. European Urology Open Science. 2022;38;60-66	5
162	C. A. F.-M. Lehocky, W.Engh, J. A.Riviere, C. N., Tip Design for Safety of Steerable Needles for Robot-Controlled Brain Insertion. Robotic Surgery. 2017;4;107-114	7
163	S. K. Park, J.Park, E. J.Baik, S. H.Lee, K. Y., Laparoscopic and Robotic Surgeries for Patients With Colorectal Cancer Who Have Had a Previous Abdominal Surgery. Annals of Coloproctology. 2017;33;184-191	3
164	D. R. Amore, M.Cicalese, M.De Rosa, I.Rossi, G.Corcione, A.Buono, S.Curcio, C., Anterior mediastinal solitary fibrous tumor resection by da Vinci^R Surgical System in obese patient. International Journal of Surgery Case Reports. 2017;38;163-165	5
165	M. S. Moschini, G.Stenzl, A.Gill, I. S.Catto, J., Critical Review of Outcomes from Radical Cystectomy: Can Complications from Radical Cystectomy Be Reduced by Surgical Volume and Robotic Surgery?. European Urology Focus. 2016;2;19-29	8
166	J. S. Chammas, A.Pizzuto, J.Pouthier, F.Gaucher, D.Marescaux, J.Mutter, D.Bourcier, T., Da Vinci Xi Robot-Assisted Penetrating Keratoplasty. Translational Vision Science & Technology. 2017;6;21	5
167	S. U. J. Bae, W. K.Baek, S. K., Single plus one-port robotic surgery using the da Vinci Single-Site Platform versus conventional multi-port laparoscopic surgery for left-sided colon cancer. Wideochirurgia i Inne Techniki Maloinwazyjne. 2022;17;179-187	12
168	M. H. G. Pham, M.Stone, L. E.Osorio, J. A.Lehman, R. A., Minimally Invasive L5-S1 Oblique Lumbar Interbody Fusion With Simultaneous Robotic Single Position Posterior Fixation: 2-Dimensional Operative Video. Operative Neurosurgery. 2021;21;E543	5

169	N. S. Mayor, N.Sandford, B.Challacombe, B., Superior Mesenteric Artery Injury During Robot-assisted Laparoscopic Nephrectomy: A Robotic Nightmare. European Urology Open Science. 2022;38;44-48	5
170	H. R. Cuellar-Gomez, S. M.Ocharan-Hernandez, M. E.Lee, T. H.Piozzi, G. N.Kim, S. H.Vargas-De-Leon, C., Operative and Survival Outcomes of Robotic-Assisted Surgery for Colorectal Cancer in Elderly and Very Elderly Patients: A Study in a Tertiary Hospital in South Korea. Journal of Oncology Print. 2022;2022;7043380	5
171	P. M. D. Z. Baptista, N.Garaycochea, O.Alcalde Navarrete, J. M.Moffa, A.Giorgi, L.Casale, M.O'Connor-Reina, C.Plaza, G., TORS as Part of Multilevel Surgery in OSA: The Importance of Careful Patient Selection and Outcomes. Journal of Clinical Medicine. 2022;11;14	5
172	B. V. Chandran, C. T.Balakrishnan, D.Nair, K.Mallick, S.Mathew, J. S.Pillai Thankamony Amma, B. S.Menon, R. N.Gopalakrishnan, U.Sudheer, O. V.Sudhindran, S., Technique of robotic right donor hepatectomy. Journal of Minimal Access Surgery. 2022;18;157-160	5
173	B. B. B. Asaf, S.Puri, H. V.Pulle, M. V.Cerfolio, R. J.Kumar, A., Robotic enucleation of oesophageal leiomyoma technique and surgical outcomes. Journal of Minimal Access Surgery. 2022;18;84-89	5
174	S. Delibegovic, Minimising in minimally invasive surgery through the use of a novel and flexible super elastic titanium needle suitable for a 3.5- and 5-mm trocar. Journal of Minimal Access Surgery. 2022;18;161-163	8
175	M. L. Chee, C. Y.Lee, S. Y.Ooi, LlpjChung, A. Y. F.Chan, C. Y.Goh, B. K. P., Short- and long-term outcomes after minimally invasive versus open spleen-saving distal pancreatectomies. Journal of Minimal Access Surgery. 2022;18;118-124	5
176	J. K. Lee, K. H.Lee, T. Y.Ahn, J.Kim, S. J., Robotic surgery enables safe and comfortable single-incision cholecystectomy: A comparison of robotic and laparoscopic approaches for single-incision surgery. Journal of Minimal Access Surgery. 2022;18;65-71	12
177	M. K. Kayser, T. F.Alkatout, I.Kayser, T.Reischig, K.Baastrup, J.Meinzer, A.Ulrich, K.Osmonov, D.Bergholz, R., Evaluation of the Versius Robotic Surgical System for Procedures in Small Cavities. Children. 2022;9;3	7
178	F. V. Jourdes, B.Allard, J.Duriez, C.Seeliger, B., Visual Haptic Feedback for Training of Robotic Suturing. Frontiers in Robotics & AI. 2022;9;800232	7
179	Y. Q. C. Chen, D.Zhu, L.Gao, W. Q.Yu, J. F.Wang, J.Deng, X. Y.Tao, J. W.Qu, J.Shen, L. J., Combining robot-assisted surgical system and 3D visualization system for teaching minimally invasive vitreoretinal surgery. International Journal of Ophthalmology. 2022;15;255-260	7
180	M. D. Albouy, A.Brosset, S.Auxenfans, C.Courtial, E. J.Eli, K.Cambron, S.Palmer, J.Vidal, L.Thepot, A.Dos Santos, M.Marquette, C. A., A Preliminary Study for an Intraoperative 3D Bioprinting Treatment of Severe Burn Injuries. Plastic and Reconstructive Surgery - Global Open. 2022;10;e4056	7
181	R. J. Z. Trute, C. S.Christou, A.Layeghi, D.Craig, S.Erden, M. S., Development of a Robotic Surgery Training System. Frontiers in Robotics & AI. 2021;8;773830	8
182	T. P. Pitra, K.Alaghehbandan, R.Bartos Vesela, A.Tupy, R.Hora, M.Hes, O., A Comprehensive Commentary on the Multilocular Cystic Renal Neoplasm of Low Malignant Potential: A Urologist's Perspective. Cancers. 2022;14;6	8
183	S. P. Fernandez-Gonzalez, J.Martinez-Maestre, M. A.Barahona, M.Gomez-Hidalgo, N. R.Diaz-Feijoo, B.Casajuana, A.Gracia, M.Frias-Gomez, J.Benavente, Y.Costas, L.Marti, L.Melero, L.Silvan, J. M.Beiro, E.Lobo, I.De la Rosa, J.Coronado, P. J.Gil-Moreno, A., The Impact of Surgical Practice on Oncological Outcomes in Robot-Assisted Radical Hysterectomy for Early-Stage Cervical Cancer, Spanish National Registry. Cancers. 2022;14;29	5

184	T. K. Yun, H.Sohn, B.Chang, H. W.Lim, C.Park, K. H., Robot-Assisted Repair of Atrial Septal Defect: A Comparison of Beating and Non-Beating Heart Surgery. Journal of Chest Surgery. 2022;55;55-60	3
185	J. H. P. Park, S.Kang, C. H.Na, B. S.Bae, S. Y.Na, K. J.Lee, H. J.Park, I. K.Kim, Y. T., Early Outcomes of Robotic Versus Video-Assisted Thoracoscopic Anatomical Resection for Lung Cancer. Journal of Chest Surgery. 2022;55;49-54	13
186	L. S. Monoscalco, R.Maccioni, G.Giansanti, D., Information Security in Medical Robotics: A Survey on the Level of Training, Awareness and Use of the Physiotherapist. Healthcare. 2022;10;14	2
187	H. W. C. Lai, S. T.Lin, Y. J.Lin, S. L.Lin, C. M.Chen, D. R.Kuo, S. J., Minimal Access (Endoscopic and Robotic) Breast Surgery in the Surgical Treatment of Early Breast Cancer-Trend and Clinical Outcome From a Single-Surgeon Experience Over 10 Years. Frontiers in Oncology. 2021;11;739144	2
188	A. S. M. Mehdorn, T.Franke, F.Richter, F.Kersebaum, J. N.Becker, T.Egberts, J. H., Long-Term, Health-Related Quality of Life after Open and Robot-Assisted Ivor-Lewis Procedures-A Propensity Score-Matched Study. Journal of Clinical Medicine. 2020;9;30	13
189	S. P. I. Somashekhar, M. B.Manjiri, S.Talwar, S.Acharya, R. P.Ashwin, K. R.Ahuja, V.Rohit Kumar, C., Minimally Invasive Surgery and Surgical Smoke, Decoding Fear and Ensuring Safety: Adaptations and Safety Modifications During COVID Pandemic. Indian Journal of Gynecologic Oncology. 2020;18;96	2
190	A. B. Sharma, R., Robotic Surgery in Otolaryngology During the Covid-19 Pandemic: A Safer Approach?. Indian Journal of Otolaryngology & Head & Neck Surgery. 2021;73;120-123	8
191	S. G. Suzuki, T.Kato, S.Onodera, A.Endo, K.Onuma, S.Honjo, Y.Shirai, J.Numata, M.Kumakiri, Y.Suzuki, S.Yamamoto, Y., A Case of Robotic Posterior Rectopexy for Full-thickness Rectal Prolapse. Journal of the Anus Rectum & Colon. 2022;6;72-76	5
192	S. R. G. Chen, C. M.Zheng, A.Dalton, J. F.Gannon, E. J.Shaw, J. D.Ward, W. T.Lee, J. Y., Use of L5-S1 transdiscal screws in the treatment of isthmic spondylolisthesis: a technical note. The Journal of Spine Surgery. 2021;7;510-515	2
193	M. B. Duran, J.Padial, A.Anelli, F. M.Sanchez-Hidalgo, J. M.Ayllon, M. D.Calleja-Lozano, R.Garcia-Gaitan, C., Short-term outcomes of robotic liver resection: An initial single-institution experience. World Journal of Hepatology. 2022;14;224-233	5
194	B. S. K. Kim, W. L.Cheong, D. C.Lindenblatt, N.Huang, J. J., Transcutaneous medial fixation sutures for free flap inset after robot-assisted nipple-sparing mastectomy. Archives of Plastic Surgery. 2022;49;29-33	5
195	A. I. E. El-Akkawi, J., Comparison of surgical outcomes after robotic assisted thoracic surgery, video-assisted thoracic surgery and open resection of thymoma. Mediastinum. 2021;5;11	13
196	M. P. Ali, D.Kamson, A.Nivar, I.Dahl, R.Hallock, R., Learning Curve of Robotic-Assisted Total Knee Arthroplasty for Non-Fellowship-Trained Orthopedic Surgeons. Arthroplasty Today. 2022;13;194-198	4
197	G. L. Long, M.Zhang, Y.Sun, G.Ouyang, W.Yang, J.Wang, Z.Liu, Z.Guan, W.Hu, Z.Wang, S.Li, H., Robot-assisted laparoscopic partial nephrectomy is a safe and effective option for clinical T2 renal cell carcinoma: a case-series from single-institution. Translational Cancer Research. 2020;9;7140-7148	13

198	S. K. Sato, H.Shiozawa, M.Nukada, S.Iguchi, K.Mikayama, Y.Oshima, T.Numata, M.Tamagawa, H.Rino, Y.Masuda, M.Tanaka, K., Automated non-invasive identification of pelvic autonomic nerves with a handheld Raman spectrometer and potential application to nerve-sparing colorectal surgery: a preliminary study in surgical specimens. Translational Cancer Research. 2021;10;3921-3929	2
199	K. X. Ni, D.Li, G., Transperineal single-port robot-assisted radical prostatectomy with Si da Vinci surgical system: initial experience and description of technique. Translational Cancer Research. 2021;10;4694-4701	5
200	K. U. Ueda, T.Maeda, K.Suzuki, S.Yokomakura, N.Kariatsumari, K.Sato, M., Three-incision robotic major lung resection for cancer. Translational Cancer Research. 2021;10;4617-4623	5
201	F. Z. Wang, H.Zheng, Y.Wang, Y., A novel guiding tube modified from a Foley catheter for endostapling during robot-assisted pulmonary resection. Translational Cancer Research. 2021;10;195-200	2
202	J. C. Stein, A.Hauser, S.Ritter, M.Bach, T., Evolution of AquablationVR-From innovation to establishment. Turkish Journal of Urology. 2021;47;351-357	8
203	Y. Hiramatsu, Nerve-Sparing Robotic Radical Hysterectomy for the Beginner in Robotic Surgery. The Surgery Journal. 2021;7;S84-S96	8
204	M. M. Kanzaki, S.Koen, A.Isaka, T.Matsumoto, T.Aoshima, H.Maeda, H.Shidei, H., Effects of robot- and video-assisted thoracoscopic lobectomy experiences on the learning curve of lobectomy. Gogus Kalp Damar Cerrahisi Dergisi. 2021;29;527-535	4
205	S. M. Poma, D. M.Pitruzzella, A.Fucarino, A.Mattina, G.Fasola, S.Pirrello, D.Galfano, G. M., Robotic-Assisted Neck Dissection: Our Experience. International @rchives of Otorhinolaryngology. 2022;26;e178-e182	5
206	T. L. X. Edwards, K.Meenink, H. C. M.Beelen, M. J.Naus, G. J. L.Simunovic, M. P.Latasiewicz, M.Farmery, A. D.de Smet, M. D.MacLaren, R. E., First-in-human study of the safety and viability of intraocular robotic surgery. Nature Biomedical Engineering. 2018;2;649-656	12
207	F. F. Lagrange, G.Larose, C.Eschwege, P.Hubert, J., Role and Training of the Bedside Surgeon in Robotic Surgery: A Survey Among French Urologists-in-Training. Research & Reports in Urology. 2022;14;17-22	2
208	N. D. B. Fiorello, A.Summonti, D.Mogorovich, A.Sepich, C. A., Learning curve in robot-assisted partial nephrectomy: comparison between an expert surgeon and a team in training in single-center experiences. Central European Journal of Urology. 2021;74;523-527	5
209	C. G. Yang, S.Bao, X., An Isomorphic Interactive Device for the Interventional Surgical Robot after In Vivo Study. Micromachines. 2022;13;11	7
210	K. I. T. Cheng, J.Li, T. Y., The Strategy to Use Sugammadex to Reduce Postoperative Pulmonary Complications after da Vinci Surgery: A Retrospective Study. Journal of Personalized Medicine. 2022;12;5	5
211	S. A. Alsalmi, M.Bugdadi, A.Alkhairi, A.Peltier, J.Lefranc, M., Postoperative Outcome of Robot-Assisted Transforaminal Lumbar Interbody Fusion: A Pilot Study. Asian Journal of Neurosurgery. 2021;16;759-764	5
212	J. C. H. Davies, Z.Day, T. A.Graboyes, E. M.Eskander, A., Perioperative Mortality Risk in Patients Undergoing Transoral Robotic Surgery for T1-T2 Oropharyngeal Squamous Cell Carcinoma: A National Cancer Database Study. Frontiers in Oncology. 2021;11;808465	5
213	A. Z. Chen, X.Tan, Y.Chen, Y.Ye, X.Hao, S., Multicenter comparative study of three "non-destructive" methods of detecting the cleanliness of the da Vinci surgical robotic instrument. Gland Surgery. 2021;10;3305-3313	7

214	J. T. Huang, Y.Zhou, Q. J.Ning, J. W.Gu, Z. N.Lu, P. J.Li, J. T.Lin, H.Chen, T. X.Yang, Y. H.Kim, M. P.Merritt, R. E.Ghisalberti, M.Jiang, L.Luo, Q. Q., Comparison of perioperative outcomes of robotic-assisted versus video-assisted thoracoscopic right upper lobectomy in non-small cell lung cancer. Translational Lung Cancer Research. 2021;10;4549-4557	13
215	Z. X. Z. Huang, Z.Shi, H. R.Li, T. Y.Ye, S. P., Postoperative complications after robotic resection of colorectal cancer: An analysis based on 5-year experience at a large-scale center. World Journal of Gastrointestinal Surgery. 2021;13;1660-1672	5
216	S. N. Yajima, Y.Matsumoto, S.Tanabe, K.Masuda, H., Simultaneous laparoscopic nephroureterectomy and robot-assisted radical cystectomy: Lessons learned from our initial experience. Current Urology. 2021;15;193-197	5
217	F. Y. Kerray, S., Rise of the Machines': Human Factors and training for robotic-assisted surgery. BMJ Surgery, Interventions, & Health technologies. 2021;3;e000100	8
218	J. S. Butterworth, M.Julian, D.Haig, F., Assessment of the training program for Versius, a new innovative robotic system for use in minimal access surgery. BMJ Surgery, Interventions, & Health technologies. 2021;3;e000057	2
219	Q. F. Zhang, M. X.Han, X. G.Liu, Y. J.He, D.Liu, B.Tian, W., Risk Factors of Unsatisfactory Robot-Assisted Pedicle Screw Placement: A Case-Control Study. Neurospine. 2021;18;839-844	5
220	S. R. Patel, M. M.Sedelaar, M. J. P.Zusterzeel, P. L. M.Verhagen, AftmRosman, C.Grutters, J. P. C., How can robot-assisted surgery provide value for money?. BMJ Surgery, Interventions, & Health technologies. 2021;3;e000042	8
221	F. M. Haig, A. C. B.Chitty, K.Slack, M., Usability assessment of Versius, a new robot-assisted surgical device for use in minimal access surgery. BMJ Surgery, Interventions, & Health technologies. 2020;2;e000028	7
222	M. M. Z. Hasan, M.Beal, M.Ghomrawi, H. M. K., An umbrella review comparing computer-assisted and conventional total joint arthroplasty: quality assessment and summary of evidence. BMJ Surgery, Interventions, & Health technologies. 2020;2;e000016	8
223	L. R. Hares, P.Marshall, K.Slack, M., Using end-user feedback to optimize the design of the Versius Surgical System, a new robot-assisted device for use in minimal access surgery. BMJ Surgery, Interventions, & Health technologies. 2019;1;e000019	7
224	S. X. Zhang, Y.Liang, F.Wang, Y.Lv, Q.Du, Z., Endoscopic-assisted Nipple-sparing Mastectomy with Direct-to-Implant Subpectoral Breast Reconstruction in the Management of Breast Cancer. Plastic and Reconstructive Surgery - Global Open. 2021;9;e3978	5
225	I. B. Sultan, M. F.Baatta, A. M.Almaghrabi, S.Mohammed, R. A., Medical Students' Attitude Towards Robotic Surgery: A Cross-Sectional Survey. Journal of Medical Education & Curricular Development. 2022;9;23821205211066400	2
226	F. K. Yano, S.Takahashi, N.Sawada, N.Nakagomi, H.Ihara, T.Takeda, M.Mitsui, T., Risk Factors for Atelectasis or Pneumomediastinum After Robot-Assisted Partial Nephrectomy. Cureus. 2021;13;e20383	5
227	N. G. Lindenblatt, L.Wang, A.Gousopoulos, E.Barbon, C.Uyulmaz, S.Giovanoli, P., Early Experience Using a New Robotic Microsurgical System for Lymphatic Surgery. Plastic and Reconstructive Surgery - Global Open. 2022;10;e4013	5

228	V. R. Schuetz, P.Goertz, M.Hofer, L.Dieffenbacher, S.Nyarangi-Dix, J.Duensing, S.Hohenfellner, M.Hatiboglu, G., Evolution of Salvage Radical Prostatectomy from Open to Robotic and Further to Retzius Sparing Surgery. Journal of Clinical Medicine. 2021;11;30	12
229	G. G. Ploussard, A.Barret, E.Beauval, J. B.Brureau, L.Crehange, G.Dariane, C.Fiard, G.Fromont, G.Gauthe, M.Mathieu, R.Renard-Penna, R.Roubaud, G.Ruffion, A.Sargos, P.Roupret, M.Lequeu, C. E.Cancerology Committee of Association Francaise, d'Urologie, Same-day-discharge Robot-assisted Radical Prostatectomy: An Annual Countrywide Analysis. European Urology Open Science. 2022;36;23-25	5
230	S. A. S. Ehsanullah, A.Kelly, B.Dunford, C.Shah, Z., Open Partial Nephrectomy with Zero Ischaemia Using a Supra 12th Rib Miniflank Incision: A Minimally Invasive Open Approach for Small Renal Masses. Advances in Urology. 2021;2021;5569254	2
231	F. V. Ficuciello, A.Lisini Baldi, T.Prattichizzo, D., A Human Gesture Mapping Method to Control a Multi-Functional Hand for Robot-Assisted Laparoscopic Surgery: The MUSHA Case. Frontiers in Robotics & AI. 2021;8;741807	7
232	L. N. Vanlommel, E.Anderson, M. B.Bruckers, L.Truijen, J., The initial learning curve for the ROSA R Knee System can be achieved in 6-11 cases for operative time and has similar 90-day complication rates with improved implant alignment compared to manual instrumentation in total knee arthroplasty. Journal of Experimental Orthopaedics. 2021;8;119	12
233	J. B. Thilak, B. C.Thadi, M.Mohan, V.Arun Kumar, T.Mane, P. P.Ravindran, G. C., Accuracy in the Execution of Pre-operative Plan for Limb Alignment and Implant Positioning in Robotic-arm Assisted Total Knee Arthroplasty and Manual Total Knee Arthroplasty: A Prospective Observational Study. Indian Journal of Orthopaedics. 2021;55;953-960	12
234	S. A. J. Abdel Jalil, A. A.Groening, R.Biswas, S., Robotic Versus Laparoscopic Colorectal Resection: Are We There Yet?. Cureus. 2021;13;e19698	12
235	G. M. He, V. M.Bielski, M. R.Kao, I.Khan, F. A., Report on a novel bone registration method: A rapid, accurate, and radiation-free technique for computer- and robotic-assisted orthopedic surgeries. Journal of Orthopaedics. 2021;23;227-232	7
236	S. K. Yang, S.Hong, S. K.Jeon, H.Cho, S. J.Lim, G., Three-Axis Tension-Measuring Vitreoretinal Forceps Using Strain Sensor for Corneal Surgery. Polymers. 2021;13;17	7
237	M. H. K. Kim, N. Y.Yoo, Y. C.Kong, H. J.Lee, H. S.Jo, A.Bai, S. J., Influence of Deep Neuromuscular Blockade on Perioperative Stress Response in Patients Undergoing Robot-Assisted Gastrectomy: A Prospective Double-Blinded Randomized-Controlled Trial. Journal of Personalized Medicine. 2021;11;6	5
238	Y. J. J. Bang, H.Heo, B. Y.Shin, B. S.Sim, W. S.Kim, D. K.Lee, S. H.Kim, J. S.Shin, Y. H., Effects of Increased Optic Nerve Sheath Diameter on Inadequate Emergence from Anesthesia in Patients Undergoing Robot-Assisted Laparoscopic Prostatectomy: A Prospective Observational Study. Diagnostics. 2021;11;2	5
239	M. B. Pojskic, M.Nimsky, C.Carl, B.Sabeta, B., Initial Intraoperative Experience with Robotic-Assisted Pedicle Screw Placement with Cirq^R Robotic Alignment: An Evaluation of the First 70 Screws. Journal of Clinical Medicine. 2021;10;7	5
240	Z. Y. L. Li, J. J.Yu, P. W.Zhao, Y. L.Shi, Y.Luo, Z. Y.Wu, B.Wang, J. J.Qian, F., Robotic total gastrectomy for carcinoma in the remnant stomach: a comparison with laparoscopic total gastrectomy. Gastroenterology Report. 2021;9;583-588	12
241	F. A. Bedir, M. S.Kocaturk, H.Bedir, B.Hamidi, N.Canda, A. E., Concurrent Inguinal Hernia Repair During Robot-Assisted Transperitoneal Radical Prostatectomy: Single Center Experience. Robotic Surgery. 2021;8;39-44	5

242	A. B. Piperata, O.d'Ostrevy, N.Jansens, J. L.Taymoor, S.Cuko, B.Modine, T.Pernot, M.Labrousse, L., Starting A New Robotic Surgery Program for Mitral Valve Repair. Lessons Learned from The First Nine Months. Journal of Clinical Medicine. 2021;10;21	5
243	E. G. Ozbasli, M., Comparison of perioperative outcomes among robot-assisted, conventional laparoscopic, and abdominal/open myomectomies. Journal of the Turkishgerman Gynecological Association. 2021;22;312-318	13
244	J. Z. Yu, Q.Fan, M. X.Han, X. G.Liu, B.Tian, W., Learning curves of robot-assisted pedicle screw fixations based on the cumulative sum test. World Journal of Clinical Cases. 2021;9;10134-10142	5
245	T. C. Da Col, G.Catellani, M.Mariani, A.Ferro, M.Cordima, G.De Momi, E.Ferrigno, G.de Cobelli, O., Automating Endoscope Motion in Robotic Surgery: A Usability Study on da Vinci-Assisted Ex Vivo Neobladder Reconstruction. Frontiers in Robotics & AI. 2021;8;707704	7
246	F. H. Mueller, J.Weber, S.O'Toole Bom Braga, G.Topsakal, V., Image-Based Planning of Minimally Traumatic Inner Ear Access for Robotic Cochlear Implantation. Frontiers in Surgery. 2021;8;761217	5
247	B. Willink, How signals interact in multimodal displays: Insights from a robotic frog. Journal of Animal Ecology. 2022;91;696-700	2
248	O. Y. Y. Dogan, G.Ozyurt, H.Bicakci, B. C.Demircioglu, F.Algul, E.Isik, N., Is fractionated robotic stereotactic body radiosurgery optional salvage treatment for the re-irradiation of locally recurrent nasopharyngeal carcinoma?. Journal of Cancer Research & Therapeutics. 2022;18;66-71	5
249	C. W. Zhao, Y.Wu, X.Zhu, G.Shi, S., Design and evaluation of an intelligent reduction robot system for the minimally invasive reduction in pelvic fractures. Journal of Orthopaedic Surgery. 2022;17;205	7
250	T. Y. L. Shin, Y. S., Robot-assisted radical prostatectomy in the treatment of patients with clinically high-risk localized and locally advanced prostate cancer: single surgeons functional and oncologic outcomes. BMC Urology. 2022;22;49	5
251	L. P. Maynou, G.McGuire, A.Serra-Sastre, V., The diffusion of robotic surgery: Examining technology use in the English NHS. Health Policy. 2022;126;325-336	5
252	C. Z. Hu, Z.Zhang, L.Liu, R.Yan, J.Sun, Q.Wang, G.She, J., Robot-assisted Total Mesorectal Excision and Lateral Pelvic Lymph Node Dissection for Locally Advanced Middle-low Rectal Cancer. Journal of Visualized Experiments. 2022;180;12	8
253	F. S. Alzahrani, A.Mundi, N.Rammal, A.Fnais, N.MacNeil, S. D.Mendez, A.Yoo, J.Fung, K.Laxague, F.Warner, A.Palma, D. A.Nichols, A., Transoral robotic surgery for the identification of unknown primary head and neck squamous cell carcinomas: Its effect on the wait and the weight. Head & Neck. 2022;44;1206-1212	5
254	H. Y. C. Yang, G. H.Chin, K. M.Choi, S. H.Syn, N. L.Cheung, T. T.Chiow, A. K. H.Sucandy, I.Marino, M. V.Prieto, M.Chong, C. C.Lee, J. H.Efanov, M.Kingham, T. P.Sutcliffe, R. P.Troisi, R. I.Pratschke, J.Wang, X.D'Hondt, M.Tang, C. N.Liu, R.Park, J. O.Rotellar, F.Scatton, O.Sugioka, A.Long, T. C. D.Chan, C. Y.Fuks, D.Han, H. S.Goh, B. K. P.and the International, RoboticLaparoscopic Liver Resection Study Group, Investigators, Robotic and laparoscopic right anterior sectionectomy and central hepatectomy: multicentre propensity score-matched analysis. British Journal of Surgery. 2022;109;311-314	12
255	E. P. Saget, C.Bonin, L.Belghiti, J.Boulland, E.Ghesquiere, L.Golfier, F.Hebert, T.Kerbage, Y.Lavoue, V.Merlot, B.Motton, S.Ternynck, C.Vidal, F.Gauthier, T.Collinet, P., Robot-assisted laparoscopy for deep infiltrating endometriosis: a retrospective French multicentric study (2008-2019) using the Society of European Robotic Gynecological Surgery endometriosis database. Archives of Gynecology & Obstetrics. 2022;305;1105-1113	5

256	K. A. Yilmaz, Y.Olcucu, M. T.Aksaray, E. E.Cakir, S.Ates, M., Effect of prostate and bony pelvic dimensions measured by preoperative magnetic resonance imaging on robot-assisted radical prostatectomy. Journal of Robotic Surgery.	5
257	S. G. Murugan, E. E.Earl, T. M.Anderson, C. D.Orr, W. S., 3rd, Robot-Assisted Right Colectomy with Sequential Wedge Resection of Segments 4 and 5 of The Liver and Cholecystectomy for Colon Cancer with Metastasis to The Liver. American Surgeon.	12
258	B. M. B. Bludevich, H.Hazeltine, M.Zayaruzny, M.Yarzebski, J.Weaver, A.Emmerick, I.Maxfield, M. W.Kadiyala, M.Uy, K.Lou, F., Use of In-Situ Simulation Based Clinical Systems Test of Thoracic Robotic Surgery Emergencies. Journal of Surgical Research.	5
259	M. B. Abou Zeinab, A. T.Corse, T.Talamini, S.Morgantini, L.Kaviani, A.Ferguson, E.Eltemamy, M.Crivellaro, S.Ahmed, M.Stifelman, M.Kaouk, J., The Multi-Institutional Experience in Single-Port Robotic Transvesical Simple Prostatectomy for BPH Management. Journal of Urology.	5
260	N. S. Tan, D.Tsang, D.Nitkunan, T.Anderson, C.Qazi, H.Issa, R.Walker, R.Seth, J., Robotic-assisted laparoscopic colposuspension for female stress urinary incontinence: a prospective series. Journal of Robotic Surgery.	5
261	N. Z. Yilmaz, J.Kazanzides, P.Tumerdem, U., Transfer of learned dynamics between different surgical robots and operative configurations. International Journal of Computer Assisted Radiology & Surgery.	7
262	D. G. H. Chung, M.Cheon, B.Kong, D.Kang, D.Lee, D. H.Kim, C. K.Kim, D.Han, J. M.Kim, Y. G.Kwon, D. S., Bed-mounted Laparoscopic Surgical Robot System with Novel Positioning Arm Mechanism. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	7
263	S. M. Sforza, G.Lambertini, L.D. I. Maida FGrosso, A. A.Salvi, M.Tellini, R.Cito, G.Minervini, A.Carini, M.Masieri, L., Robotic surgery for ureteropelvic junction obstruction and urolithiasis. Minerva Urology and Nephrology.	8
264	J. T. F. Larach, J.Fernando, D.Mohan, H.Rajkomar, A.Waters, P. S.Kong, J.McCormick, J. J.Heriot, A. G.Warrier, S. K., Robotic beyond total mesorectal excision surgery for primary and recurrent pelvic malignancy: feasibility and short-term outcomes. Colorectal Disease.	5
265	L. M. Dong, G., Robust trocar identification and its application in robotic minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	7
266	M. C. B. Moschovas, I.Jaber, A. R.Zeinab, M. A.Kaviani, A.Kaouk, J.Crivellaro, S.Joseph, J.Mottrie, A.Patel, V., Da Vinci SP radical prostatectomy: a multicentric collaboration and step-by-step techniques. International Braz J Urol.	8
267	T. M. H. M. Gall, G.Elliott, J. A.Conneely, J. B.Fong, Y.Jiao, L. R., The Atlantic divide: contrasting surgical robotics training in the USA, UK and Ireland. Journal of Robotic Surgery.	2
268	C. A. M. Bollig, B.Stubbs, V. C., Transoral robotic surgery with neck dissection versus nonsurgical treatment in stage I and II human papillomavirus-negative oropharyngeal cancer. Head & Neck.	13
269	M. C. B. Moschovas, I.Noel, J.Zeinab, M. A.Kaviani, A.Kaouk, J.Crivellaro, S.Joseph, J.Mottrie, A.Patel, V., Contemporary techniques of da Vinci SP radical prostatectomy: multicentric collaboration and expert opinion. International Braz J Urol.	8
270	N. H. C. Dreifuss, A.Schlottmann, F.Giulianotti, P. C., Robotic-assisted central pancreatectomy: A minimally invasive approach for benign and low-grade lesions. Surgical Oncology.	5

271	A. S. L. Ding, A.Li, Z.Galaiya, D.Ishii, M.Siewerdsen, J. H.Taylor, R. H.Creighton, F. X., Automated Extraction of Anatomical Measurements From Temporal Bone CT Imaging. Otolaryngology - Head & Neck Surgery.	2
272	S. F. Guadagni, N.Di Franco, G.Palmeri, M.Gianardi, D.Bianchini, M.Guadagnucci, M.Pollina, L.Masi, G.Cremolini, C.Falcone, A.Mosca, F.Di Candio, G.Morelli, L., Robotic-assisted surgery for colorectal liver metastasis: A single-centre experience. Journal of Minimal Access Surgery.	5
273	A. E. P. Rojas, P.Choi, S. H., Robotic Central Bisectionectomy for Centrally Located Hepatic Malignant Tumor. Annals of Surgical Oncology.	5
274	Y. B. Pan, S.Vasconcelos, F.Park, H.Jeong, T. T.Stoyanov, D., DeSmoke-LAP: improved unpaired image-to-image translation for desmoking in laparoscopic surgery. International Journal of Computer Assisted Radiology & Surgery.	7
275	K. S. Mehmood, R.Kumar, A.Mandal, A. K., Robot-assisted and conventional urology surgical procedures: comparison of average length of stay, economic status, operative time and patient's expenditure in a tertiary care hospital of North India. Journal of Robotic Surgery.	13
276	J. S. P. Kim, G. N.Kwak, J. M.Kim, J.Kim, T.Choo, J.Yang, G.Lee, T. H.Baek, S. J.Kim, J.Kim, S. H., Quality of laparoscopic camera navigation in robotÃQuality of laparoscopic camera navigation in robot-assisted versus conventional laparoscopic surgery for rectal cancer: An analysis of surgical videos through a video processing computer software. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	7
277	N. N. Sakakura, T.Shirai, S.Takahara, H.Suzuki, A.Takahashi, Y.Kuroda, H., Emergency rollout and conversion procedures during the three-arm robotic open-thoracotomy-view approach. Interactive Cardiovascular & Thoracic Surgery.	5
278	F. P. Gheza, L.Grand, A.Aguiluz-Cornejo, G.Mangano, A.Ladanyi, A., Development of an affordable, immersive model for robotic vaginal cuff closure: a randomized trial. Journal of Robotic Surgery.	7
279	R. M. Sulce, R.Scricciolo, M.Voglino, C.Mura, G.De Prizio, M.Roviello, F., Is robotic better than laparoscopic approach for right colectomy? A cohort study from two Tuscany centers. Annali Italiani di Chirurgia.	12
280	M. R. Ramirez Barriga, A.Roggin, K. K.Talamonti, M. S.Hogg, M. E., Development of a Two-Week Dedicated Robotic Surgery Curriculum for General Surgery Residents. Journal of Surgical Education.	2
281	J. A. Shuck, M.Liu, J.Clemens, M. W.Selber, J. C., Prospective Pilot Study of Robotic-Assisted Harvest of the Latissimus Dorsi Muscle: A 510(k) Approval Study with U.S. Food and Drug Administration Investigational Device Exemption. Plastic & Reconstructive Surgery.	5
282	Y. J. S. Lai, P. L.Li, C. Y.Lin, C. Y.Hung, C. H.Lin, C. Y., Oropharyngeal Rehabilitation for Patients With Moderate to Severe Obstructive Sleep Apnea After Transoral Robotic Surgery. Otolaryngology - Head & Neck Surgery.	2
283	C. E. A. Y. Barbon, C. M. K.Peterson, C. B.Moreno, A. C.Goepfert, R. P.Johnson, F. M.Chronowski, G. M.Fuller, C. D.Gross, N. D.Hutcheson, K. A., Swallowing After Primary TORS and Unilateral or Bilateral Radiation for Low- to Intermediate-Risk Tonsil Cancer. Otolaryngology - Head & Neck Surgery.	13
284	D. B. Golomb, F. G.Bjazevic, J.Gomez, J. A.Chin, J. L. K.Luke, P. P.Pautler, S. E., Simple prostatectomy using the open and robotic approaches for lower urinary tract symptoms: A retrospective, case-control series. Canadian Urological Association Journal.	13
285	A. L. Mohanty, A. M.Judge, C.Gundeti, M. S., Are there disparities in access to robot-assisted laparoscopic surgery among pediatric urology patients? US institutional experience. International Journal of Urology.	13

286	A. L. Ji, J.Bai, Y.Jiang, J.Liu, F., Single-position robotic assisted laparoscopic anterograde bilateral inguinal lymphadenectomy versus laparoscopic inguinal lymphadenectomy for penile cancer: A retrospective controlled study. Asian Journal of Surgery.	12
287	H. A. v. O. de Barros, M. N.Donswijk, M. L.Hendrikx, JjmaVis, A. N.Maurer, T.van Leeuwen, F. W. B.van der Poel, H. G.van Leeuwen, P. J., Robot-assisted Prostate-specific Membrane Antigen-radioguided Salvage Surgery in Recurrent Prostate Cancer Using a DROP-IN Gamma Probe: The First Prospective Feasibility Study. European Urology.	2
288	C. L. Barbanti, L.Gentile, F.Chini, T.Centini, G.Habib, N.Zupi, E.Lazzeri, L., Urinary Tract Endometriosis: A Multidisciplinary Fight Against a Silent Enemy. Journal of Minimally Invasive Gynecology.	5
289	S. M. Candela-Canto, J.Ramirez-Camacho, A.Becerra, V.Alamar, M.Pascual, A.Forero, C.Rebollo Polo, M.Munuera, J.Aparicio, J.Rumia, J.Hinojosa, J., Robot-assisted, real-time, MRI-guided laser interstitial thermal therapy for pediatric patients with hypothalamic hamartoma: surgical technique, pitfalls, and initial results. Journal of Neurosurgery.	5
290	L. M. Griebel, M.Cornella, J.Khan, A.Wolter, C.Yi, J., Single port robotic assisted sacrocolpopexy: technique and tips. International Urogynecology Journal.	11
291	C. U. Benlice, T.Ozkaynak, A.Sahin, I. K.Aghayeva, A.Hamzaoglu, I.Karahasanoglu, T.Baca, B., Robotic Surgery for Deep Pelvic Endometriosis with Multidisciplinary Approach: Shaving, Wedge Resection and Segmental Resection. Diseases of the Colon & Rectum.	11
292	M. A. A. Machado, J. C.Makdissi, F. F.Machado, M. C., Minimally Invasive Resection of the Uncinate Process of the Pancreas: Anatomical Considerations and Surgical Technique. Surgical Innovation.	3
293	F. V. N. Angehrn, K. J.Fourie, L.Wilhelm, A.Daster, S.Ackermann, C.von Flue, M.Steinemann, D. C.Bolli, M., From open Ivor Lewis esophagectomy to a hybrid robotic-assisted thoracoscopic approach: a single-center experience over two decades. Langenbecks Archives of Surgery.	13
294	M. N. Nguyen, J.Hamilton, A.Lee, S.Katz, J.Samakar, K.Ghlandian, A.Hua, H., Surgeon Assessment of a Novel Multi-Resolution Foveated Laparoscope. Surgical Innovation.	2
295	S. U. R. Saqib, M. Z.Evans, C.Bajwa, A. A., The robotic learning curve for a newly appointed colorectal surgeon. Journal of Robotic Surgery.	5
296	Y. X. Chang, W.Xiao, Y.Wang, Y.Yan, S.Ren, S., Super-veil nerve-sparing extraperitoneal pure single-port robotic-assisted radical prostatectomy on da Vinci Si robotic system. World Journal of Urology.	5
297	M. E. Kadan, G.Kubat, E.Ince, M. E.Akyol, F. B.Karabacak, K.Doganci, S.Yildirim, V.Bolcal, C.Demirkilic, U., Robotic repair of atrial septal defect with partial pulmonary venous return anomaly: Our 5 year experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	5
298	A. T. Roach, A.Emerson, D.Gill, G.Rowe, G.Peiris, A.Hussaini, A.Cheng, W.Ramzy, D.Egorova, N.Chikwe, J., Durable Robotic Mitral Repair of Degenerative Primary Regurgitation With Long-Term Follow-Up. Annals of Thoracic Surgery.	5
299	A. M. Z. Williams, L.Grenda, T. R.Kathawate, R. G.Biesterveld, B. E.Bhatti, U. F.Carrott, P. W.Lagisetty, K. H.Chang, A. C.Lynch, W.Lin, J.Reddy, R. M., Higher Long-term Quality of Life Metrics After Video-Assisted Thoracoscopic Surgery Lobectomy Compared With Robotic-Assisted Lobectomy. Annals of Thoracic Surgery.	3
300	J. L. P. Rosen, K. W.Yost, C. C.Mandel, J. L.Guy, T. S., Use of Percutaneous Cannulation in Robotic Mitral Valve Surgery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery.	8

301	M. S. S. Ising, S. A.Trivedi, J. R.Martin, R. C.Phillips, P.Van Berkel, V.Fox, M. P., Minimally Invasive Esophagectomy Is Associated with Superior Survival Compared to Open Surgery. American Surgeon.	13
302	M. H. K. Seyed Esfahani, S.Roushan-Easton, G.Howell, R. D., A Framework for Successful Adoption of Surgical Innovation. Surgical Innovation.	5
303	C. T. Johnson, J.Bates, M.Lyons, J., Safe and Appropriate Minimally Invasive and Robotic Esophagectomy in a Community Cancer Center. American Surgeon.	5
304	N. S. Stewart, J.Brisbin, A., A Comparison of Component Positioning Between Fluoroscopy-Assisted and Robotic-Assisted Total Hip Arthroplasty. Journal of Arthroplasty.	3
305	P. A. M. Argenta, J.Rivard, C. L.Luther, E.Schefter, A.Vogel, R. I., Robot-assisted versus laparoscopic minimally invasive surgery for the treatment of stage I endometrial cancer. Gynecologic Oncology.	13
306	J. C. C. Sassani, S. G.McGough, C. E.Shepherd, J. P.Bonidie, M., Sacrocolpopexy experience with a novel robotic surgical platform. International Urogynecology Journal.	5
307	E. W. B. Johnston, J.Winfield, J.McCall, J.Khan, N.Messiou, C.Koh, D. M.Fotiadis, N., Starting CT-guided robotic interventional oncology at a UK centre. British Journal of Radiology.	5
308	G. C.-P. Ceccarelli, M.De Rosa, M.Mariani, L.Rocca, A.Mazzucca, D.Polistena, A., Robot-Assisted Liver Resection and Cholecystectomy Using Indocyanine-Green for Intrahepatic Cholangiocarcinoma, in a Very Rare Anatomical Anomaly of 'Bipartite Liver'. Surgical Innovation.	5
309	J. F. B. Salem, W. B.Arishi, A. A.Stoltzfus, J.El Chaar, M., Direct medical costs of robotic sleeve gastrectomy compared to laparoscopic approach in a single academic center. Journal of Robotic Surgery.	4
310	N. E. D. Samalavicius, A.Janusonis, V.Klimasauskiene, V.Eismontas, V.Deduchovas, O.Janusonis, T.Markelis, R.Smolskas, E., Robotic colorectal surgery using the Senhance^R robotic system: a single center experience. Techniques in Coloproctology.	5
311	H. S. Morohashi, Y.Miura, T.Ichinohe, D.Kubota, S.Yamazaki, K.Ichisawa, A.Mitsuhashi, Y.Wakiya, T.Hakamada, K., Short-term outcomes of robotic-assisted surgery following neoadjuvant chemotherapy for lower rectal cancer. Asian Journal of Endoscopic Surgery.	3
312	H. D. Roman, T.Grigoriadis, G.Merlot, B., Robotic management of diaphragmatic endometriosis in 10 steps: Robotic surgery of the diaphragm. Journal of Minimally Invasive Gynecology.	8
313	S. N. Shibasaki, M.Serizawa, A.Nakamura, K.Akimoto, S.Tanaka, T.Inaba, K.Uyama, I.Suda, K., Clinical advantage of standardized robotic total gastrectomy for gastric cancer: a single-center retrospective cohort study using propensity-score matching analysis. Gastric Cancer.	12
314	E. R. Francone, S.Spagnolo, F.Di Maira, L.Cafiero, F.Solari, N., Combined robotic inguinal and iliac-obturator lymphadenectomy for stage III skin cancers: Surgical technique and preliminary results. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	5
315	J. L. Chacko, S. G.Aladegbami, B. G.Ogola, G. O.Ward, M. A., Overall Complications Following Robotic Heller Myotomy Are Lower Compared With Laparoscopy. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques.	12

316	H. M. Takahashi, A.Harata, S.Watanabe, K.Yanagita, T.Suzuki, T.Ushigome, H.Maeda, Y.Shiga, K.Ogawa, R.Matsuo, Y.Takiguchi, S., Robot-assisted laparoscopic abdominoperineal resection with en bloc prostatectomy using the Retzius-sparing robot-assisted radical prostatectomy technique. Asian Journal of Endoscopic Surgery.	5
317	A. M. Venugopal, S.Foti, S.Routray, A.MacLachlan, R. A.Perin, A.Mattos, L. S.Yu, A. K.Leonardo, J.De Momi, E.N. Riviere C, Real-time vessel segmentation and reconstruction for virtual fixtures for an active handheld microneurosurgical instrument. International Journal of Computer Assisted Radiology & Surgery.	7
318	I. R. Sucandy, S.Touadi, M.Crespo, K.Syblis, C.Rosemurgy, A., Robotic Resection of Retroperitoneal Perinephric Tumor. Application of Intraurethral Indocyanine Green Injection As an Adjunct to Avoid Ureteral Injury. American Surgeon.	5
319	B. B. G. Ogul, M.Ozdemir, S., Ranking surgical skills using an attention-enhanced Siamese network with piecewise aggregated kinematic data. International Journal of Computer Assisted Radiology & Surgery.	2
320	Y. J. J. Choi, H. S.Kim, D. S.Yu, Y. D., Single-port robot plus one port (SP + 1) distal pancreatectomy using the new da Vinci SP system. Langenbecks Archives of Surgery.	5
321	C. D. A. Fankhauser, L.Stroup, S. P.Rocco, N. R.Olson, K.Bagrodia, A.Baky, F.Cazzaniga, W.Mayer, E.Nicol, D.Islamoglu, E.de Vergie, S.Saoud, R.Eggener, S. E.Nazzani, S.Nicolai, N.Hugar, L.Sexton, W. J.Matei, D. V.De Cobelli, O.Cheaib, J.Pierorazio, P. M.Porter, J.Hermanns, T.Hamilton, R. J.Hiester, A.Albers, P.Clarke, N.Mattei, A., Minimally invasive retroperitoneal lymph node dissection for men with testis cancer: a retrospective cohort study of safety and feasibility. World Journal of Urology.	12
322	S. E.-Z. Alanee, A., Robotic-assisted partial cystectomy for muscle invasive bladder cancer: Contemporary experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	5
323	E. M. Padovan, G.Tanzi, L.Piazzolla, P.Moos, S.Porpiglia, F.Vezzetti, E., A deep learning framework for real-time 3D model registration in robot-assisted laparoscopic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	7
324	Y. O. Nasseri, K.Kasheri, E.Cohen, J.Ellenhorn, J.Cox, B.Lee, A.Barnajian, M., Robotic colorectal procedures: does operative start time impact short-term outcome?. Surgical Endoscopy.	5
325	M. B. Salo, L.Graneli, C.Stenstrom, P.Anderberg, M., Ten years of paediatric robotic surgery: Lessons learned. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	5
326	E. A. Dexter, K.Demmy, T.Yendamuri, S., Does Operative Duration of Lobectomy for Early Lung Cancer Increase Perioperative Morbidity?. Annals of Thoracic Surgery.	5
327	H. D. Garg, B.Bansal, A.Kaushal, R.Desai, P.Maheshwari, R.Chaturvedi, S.Singh, A.Kumar, A., Trifecta and Pentafacta Outcomes in Laparoscopic and Robotic Nephron-Sparing Surgery for Highly Complex Renal Tumors: A Propensity Score-Matched Cohort Analysis. Journal of Endourology.	13
328	Y. P. Sun, B.Fu, Y., Lightweight Deep Neural Network for Articulated Joint Detection of Surgical Instrument in Minimally Invasive Surgical Robot. Journal of Digital Imaging.	7
329	N. B. Ragavan, S.Chirravur, P.Sankaran, S.Mottrie, A., Evaluation of Hugo RAS System in Major Urologic Surgery: Our Initial Experience. Journal of Endourology.	5

330	Y. G. Yang, Y.Zhang, X. Y.Wang, B.Zhu, J.Zhang, X., Mixed Reality: A Step Further for Planning Complex Renal Tumors(RENAL nephrometry score of 7 or higher). Journal of Endourology.	2
331	A. K. S. Warps, D.Westerterp, M.Detering, R.Sjovall, A.Martling, A.Dekker, J. W. T.Tollenaar, RaemMatthiessen, P.Tanis, P. J.Dutch ColoRectal, AuditSwedish Colorectal Cancer, Registry, National differences in implementation of minimally invasive surgery for colorectal cancer and the influence on short-term outcomes. Surgical Endoscopy.	5
332	J. T. Liu, L.Thigpen, B.Koythong, T.Zhou, X.Liu, Q.Wang, Q.Guan, X., Evaluation of the learning curve and safety outcomes in robotic assisted vaginal natural orifice transluminal endoscopic hysterectomy: A case series of 84 patients. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	5
333	O. L. M. Windisch, M.Pascual, M.Sun, P.Benamran, D.Buhler, L.Iselin, C. E., Robotic versus hand-assisted laparoscopic living donor nephrectomy: comparison of two minimally invasive techniques in kidney transplantation. Journal of Robotic Surgery.	13
334	K. C. Catchpole, T.Alfred, M.Lawton, S.Kanji, F.Shouhed, D.Nemeth, L.Anger, J., Human Factors Integration in Robotic Surgery. Human Factors.	8
335	B. K. Thigpen, T.Guan, X., Robotic-assisted Laparoscopic Ureterolysis for Deep Infiltrating Endometriosis using Indocyanine Green Under Near-Infrared Fluorescence. Journal of Minimally Invasive Gynecology.	5
336	A. G. L.-W. Cope, J. J.Willborg, B. E.Lindstrom, E. D.Mara, K. C.Destephano, C. C.Vetter, M. H.Glaser, G. E.Langstraat, C. L.Chen, A. H.Martino, M. A.Dinh, T. A.Salani, R.Green, I. C., Surgical Science-Simbionix Robotic Hysterectomy Simulator: Validating a New Tool. Journal of Minimally Invasive Gynecology.	2
337	Y. S. Hirata, C.Badgwell, B. D.Ikoma, N., Robotic excision of gastric and duodenal gastrointestinal stromal tumor. Updates in Surgery.	5
338	J. D. Tseng, T.Gonsalves, N.Chen, Y.Ben-Shlomo, A.Shouhed, D.Phillips, E.Burch, M.Jain, M., Operative approach and case volume are associated with negative resection margins for adrenocortical carcinoma. Surgical Endoscopy.	4
339	G. N. L. Piozzi, D. Y.Kim, J. S.Kim, S. H., Da Vinci Single-Port (SP) robotic transverse colectomy for mid-transverse colon cancer. Techniques in Coloproctology.	8
340	W. S. Gondoputro, M. J.Blazevski, A.Doan, P.Thompson, J. E.Amin, A.Geboers, B.Agrawal, S.Siriwardana, A. R.van Leeuwen, P. J.van Oosterom, M. N.van Leeuwen, F. N.Emmett, L. M.Stricker, P. D., Robot-assisted prostate-specific membrane antigen-radioguided surgery in primary diagnosed prostate cancer. Journal of Nuclear Medicine.	5
341	T. L. Sun, B.Zhong, Y.Chen, Z.Yang, B., Accuracy and Security Analysis of a Cranio-Maxillofacial Plastic Surgery Robot Equipped with Piezosurgery in Genioplasty. Journal of Craniofacial Surgery.	2
342	E. M. L.-S. Haas, R.Rodriguez-Silva, J. A.Ortiz De Elguea-Lizarraga, J. I.LeFave, J. P., Robotic Natural Orifice IntraCorporeal Anastomosis With Extraction Procedure Using Handsewn Technique. Diseases of the Colon & Rectum.	5
343	L. B. Rossi, V.Fregoli, L.Papini, P.De Palma, A.Materazzi, G., Postsurgical complications after robot-assisted transaxillary thyroidectomy: critical analysis of a large cohort of European patients. Updates in Surgery.	5
344	E. R. G. Popescu, M.Brand, A., Mapping of clinical research on artificial intelligence in the treatment of cancer and the challenges and opportunities underpinning its integration in the European Union health sector. European Journal of Public Health.	8

345	C. L. G. Ferrier, M.Kolanska, K.Boudy, A. S.Dabi, Y.Touboul, C.Bendifallah, S.Darai, E., Comparison of robot-assisted and conventional laparoscopy for colorectal surgery for endometriosis: A prospective cohort study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	12
346	R. H. Mertens, N.Bauknecht, H. C.Vajkoczy, P., The Use of Intraoperative CT Hounsfield Unit Values for the Assessment of Bone Quality in Patients Undergoing Lumbar Interbody Fusion. Global Spine Journal.	2
347	A. C. Veccia, U.Djaladat, H.Mehazin, R.Eun, D. D.Reese, A. C.Meng, X.Uzzo, R.Srivastava, A.Porter, J.Farrow, J. M.Jamil, M. L.Rosiello, G.Tellini, R.Mari, A.Al-Qathani, A.Rha, K. H.Wang, L.Mastroianni, R.Ferro, M.De Cobelli, O.Hakimi, K.Crocerossa, F.Ghoreifi, A.Cacciamani, G.Bhattu, A. S.Mottrie, A.Abdollah, F.Minervini, A.Wu, Z.Simone, G.Derweesh, I.Gonzalgo, M. L.Margulis, V.Sundaram, C. P.Autorino, R., Robotic vs Laparoscopic Nephroureterectomy for Upper Tract Urothelial Carcinoma: A Multicenter Propensity-Score Matched Pair "tetrafecta" Analysis (ROBUUST Collaborative Group). Journal of Endourology.	13
348	B. K. Shanahan, U. S.Sorensen, J.Stamenkovic, S.Redmond, K. C., Is robotic lobectomy cheaper? A micro-cost analysis. Journal of Robotic Surgery.	8
349	T. N. A. Cohen, J. T.Shamash, K.Catchpole, K. R.Avenido, R.Ley, E. J.Gewertz, B. L.Shouhed, D., The Application of Human Factors Engineering to Reduce Operating Room Turnover in Robotic Surgery. World Journal of Surgery.	1
350	Y. M. Takahashi, T.Kishimoto, N.Kawase, T.Tsuda, K.Shibata, T., Simple Height Reduction of the Posterior Leaflet in Robotic Mitral Annuloplasty. Annals of Thoracic Surgery.	8
351	S. V. W. Patel, V.Zhang, L.MacDonald, P. H.Merchant, S. M.Barnett, K. W.Caycedo-Marulanda, A., The impact of robotic surgery on a tertiary care colorectal surgery program, an assessment of costs and short term outcomes: A Canadian perspective. Surgical Endoscopy.	3
352	I. T. Radi, J. C.Alterio, R. E.Scott, D. J.Sankaranarayanan, G.Nagaraj, M. B.Hogg, M. E.Zeh, H. J.Polanco, P. M., Feasibility, effectiveness and transferability of a novel mastery-based virtual reality robotic training platform for general surgery residents. Surgical Endoscopy.	2
353	L. F. Ferraro, G.Salaj, A.Giuratrabocchetta, S.Giuliani, G.Salvischiani, L.Bianchi, P. P., Robotic right colectomy with complete mesocolic excision: Senior versus junior surgeon, a case-matched retrospective analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	3
354	P. C. d. G. Shah, A.Cerfolio, R.Huang, W. C.Huang, K.Song, C.Li, Y.Kreaden, U.Oh, D. S., Impact of type of minimally invasive approach on open conversions across ten common procedures in different specialties. Surgical Endoscopy.	12
355	K. L. Hutchinson, Z.Cantrell, L. A.Schenkman, N. S.Alemzadeh, H., Analysis of executional and procedural errors in dry-lab robotic surgery experiments. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	7
356	M. C. H. Moschovas, T.Bhat, S.Sandri, M.Rogers, T.Noel, J.Reddy, S.Corder, C.Patel, V., Does type of robotic platform make a difference in the final cost of robotic-assisted radical prostatectomy?. Journal of Robotic Surgery.	5
357	A. B. Johar, T.Collins, B.Pomajzl, A. J.Feloney, M., Novel process for three-dimensional anatomy and surgical video production: a potential pedagogical tool. Journal of Robotic Surgery.	2
358	S. O. Hayakawa, R.Ueno, S.Ito, S.Okubo, T.Sagawa, H.Tanaka, T.Takahashi, H.Matsuo, Y.Mitsui, A.Kimura, M.Takiguchi, S., Impact of the indocyanine green fluorescence method for anastomotic blood flow in robotic distal gastrectomy. Surgery Today.	2

359	J. P. Lambdin, J. K.Kima, E. D.Paal, E.Nava, V. E.Duncan, J., Rosai-Dorfman Disease of the Rectum: Newly Identified Genetic Point Mutations and Robotic Resection. American Surgeon.	5
360	K. K. Gupta, J. A.Lundon, D. J.Gallante, B.Sadiq, A. S.Atallah, W. M.Gupta, M., Criteria Used by Endourology Society Fellowship Program Directors for the Selection and Evaluation of Fellows. Journal of Endourology.	2
361	Y. H. Hou, Y.Song, W.Zhang, J.Luo, Q.Zhou, Q., Surgical site infection following minimally invasive lobectomy: Is robotic surgery superior?. Cancer Medicine.	5
362	S. E. L. Diaz, Y. F.Bastawrous, A. L.Shih, I. F.Lee, S. H.Li, Y.Cleary, R. K., Comparison of health-care utilization and expenditures for minimally invasive vs. open colectomy for benign disease. Surgical Endoscopy.	12
363	A. N. Solis-Pena, L. W. S.Kraft Carre, M.Gomez Jurado, M. J.Vallribera Valls, F.Pellino, G.Espin-Basany, E., Robotic abdominal resection of tailgut cysts - A technical note with step-by-step description. Colorectal Disease.	8
364	A. A. Arora, B.Georgios, O.Chrysostomos, T.Faulkner, J.Jeyanjali, J.Phillip, T.Ann, S.Aleix, R.Ricard, S.Jean-Pierre, J., Establishing and integrating a Trans-Oral Robotic Surgery (TORS) program into routine oncological management of head and neck cancer - a UK perspective. Journal of Laryngology & Otology.	5
365	M. K. Takai, K.Kato, D.Iinuma, K.Nakane, K.Koie, T., Totally intracorporeal urinary diversion under robot-assisted surgery may not increase the incidence and risk factors of surgical site infection. International Journal of Urology.	8
366	D. G. V. Deckey, J. T.Rosenow, C. S.Doan, M. K.McQuivey, K. S.Joseph, A. M.Schwartz, A. J.Clarke, H. D.Bingham, J. S., Robotic-Assisted Total Knee Arthroplasty Allows for Trainee Involvement and Teaching Without Lengthening Operative Time. Journal of Arthroplasty.	12
367	M. P. J. Rogers, H. M.Eguia, E.Lozonschi, L.Toloza, E. M.Kuo, P. C., Embracing future technology: Evaluating the impact of robotic thoracic surgery on hospital systems. American Journal of Surgery.	8
368	M. M. Sarkar, J.Ruparel, S.Choi, J., Sacroiliac Joint Fusion: Fusion Rates and Clinical Improvement Using Minimally Invasive Approach and Intraoperative Navigation and Robotic Guidance. Asian Spine Journal.	5
369	D. M. Qin, Y.Wang, X.Yang, B.Tang, Y., Robot Surgery for Midline Cysts of the Prostate With Hypospadias in the Pediatric Population. Urology.	5
370	G. N. K. Piozzi, J. S.Choo, J. M.Shin, S. H.Kim, J. S.Lee, T. H.Baek, S. J.Kwak, J. M.Kim, J.Kim, S. H., Da Vinci SP robotic approach to colorectal surgery: two specific indications and short-term results. Techniques in Coloproctology.	5
371	S. A. Monfared, D. I.Umana, L.Hernandez, E.Asadi, H.Colgate, C. L.Yu, D.Stefanidis, D., A comparison of laparoscopic and robotic ergonomic risk. Surgical Endoscopy.	4
372	N. S. Kubo, K.Tamamori, Y.Fukui, Y.Kuroda, K.Aomatsu, N.Nishii, T.Tachimori, A.Maeda, K., Less Severe Intra-Abdominal Infections in Robotic Surgery for Gastric Cancer Compared with Conventional Laparoscopic Surgery: A Propensity Score-matched Analysis. Annals of Surgical Oncology.	12
373	M. A. Y. Dogan Deger, H.Denizhan Demirkiran, E.Madendere, S., Current status of urological training and differences between institutions. Actas Urologicas Espanolas.	2
374	D. S. K. Kelkar, U.Stevens, L.Wagholikar, G. D.Slack, M., An Early Prospective Clinical Study to Evaluate the Safety and Performance of the Versius Surgical System in Robot-Assisted Cholecystectomy. Annals of Surgery.	5

375	S. C. Liu, N.Krezalek, M. A.Abd El Aziz, M. A.Merchea, A.Kelley, S. R.Behm, K., Robotic transanal minimally invasive surgery: a single institutional experience. Updates in Surgery.	5
376	G. T. Intini, S. M.Farina, M.Lirici, M. M.Lucandri, G.Mezzetti, G.Pende, V.Pernazza, G.Stipa, F.Vitelli, C. E., Functional results after mesorectal excision for rectal cancer: comparative study among surgical approaches. Minerva Surgery.	12
377	J. Y. S. Cheong, S. H.Kim, J.Kim, S. H., Robotic Excision of Rectal Gastrointestinal Stromal Tumor Using Da Vinci Xi System. Diseases of the Colon & Rectum.	5
378	J. W. Pan, B.Feng, Z.Sun, Z.Xia, C.Zhang, Q.Ren, S., Robotic total mesorectal excision versus laparoscopic total mesorectal excision for mid-low rectal cancer with difficult anatomical conditions. Asian Journal of Surgery.	12
379	M. W. Shoraka, S.Carbajal-Mamani, S. L.Han, H.Amaro, B.Cardenas-Goicoechea, J., Oncologic outcomes in older women with endometrial carcinoma (>=70 years). Journal of Obstetrics & Gynaecology.	5
380	Y. Z. Fan, J.Zu, Q.Gao, Y.Shen, D.Zhu, Q.Huang, S.Chen, X.Dong, J.Zhang, X., Robot-Assisted Kidney Transplantation: Initial Experience with a Modified Hypothermia Technique. Urologia Internationalis.	5
381	L. F. Shagabayeva, B.Panda, N.Potter, A.Auchincloss, H.Mansur, A.Jeffrey Yang, C. F.Schumacher, L., Open, Video- and Robot-Assisted Thoracoscopic Lobectomy for Stage II-IIIA Non-Small Cell Lung Cancer. Annals of Thoracic Surgery.	13
382	M. C. D. Mora, K. A.Michalsky, M. P., Robotic-assisted vertical sleeve gastrectomy in adolescents: Do BMI limits apply?. Journal of Pediatric Surgery.	5
383	M. A. T. Kuper, A.Johannink, J.Hirt, B.Leis, A.Hosfeld, M.Histing, T.Herath, S. C.Amend, B., Robotic-assisted plate osteosynthesis of the anterior pelvic ring and acetabulum: an anatomical feasibility study. Journal of Robotic Surgery.	7
384	A. J. Arghami, S.Daly, R. C.Hemmati, P.Lahr, B. D.Rowse, P. G.Crestanello, J. A.Dearani, J. A., Robotic Mitral Valve Repair: A Decade of Experience With Echocardiographic Follow-up. Annals of Thoracic Surgery.	5
385	S. T. G. Tomov, G. A.Kiprova, D. K.Lyubenov, A. D.Hinkova, N. H.Tomova, V. D.Gorcheva, Z. V.Ahmad, S., Peri-operative and survival outcomes analysis of patients with endometrial cancer managed by three surgical approaches: a long-term Bulgarian experience. Journal of Robotic Surgery.	13
386	W. C. Yip, A. B.Malekyan, C.Widjaja, W.Yan, K.Stankey, M.Sun, X.Ashrafi, A. N.Graham, J. N.Dickerson, S. C.Eloustaz, M. H.Desai, M. M.Gill, I. S.Aron, M.Kim, M. P., An Enhanced Recovery After Surgery protocol for robotic-assisted laparoscopic nephrectomies utilizing a quadratus lumborum block. Journal of Robotic Surgery.	2
387	V. B. Fulcoli, M.Sartor, G.Agostini, A.Costa, G.Laurini, L., Safety of robot-assisted radical prostatectomy in an Italian spoke hospital: Long-term oncologic and functional outcomes with median 11.3 years follow-up. Urologia (Treviso).	5
388	H. J. Kim, B. C.Lee, S.Ku, J. H.Kwon, T. G.Kim, T. H.Jeon, S. H.Lee, S. H.Nam, J. K.Kim, W.Lee, J. Y.Hong, S. H.Rha, K. H.Han, W. K.Ham, W. S.Lee, Y. G.Lee, Y. S.Park, S. Y.Yoon, Y. E.Kang, S. G.Kang, S. H.Oh, J. J.Korean Robot Assisted Radical Cystectomy Study, Group, Predicting factor analysis of postoperative complications after robot-assisted radical cystectomy: Multicenter KORARC database study. International Journal of Urology.	5
389	L. A.-G. Romero-Vielva, F.Gonzalez-Tallada, A.Rosado-Rodriguez, J., Robotic-assisted lobectomy after bilateral lung transplantation. Interactive Cardiovascular & Thoracic Surgery.	5

390	L. E. v. d. K. Stokkel, M. W.Schaake, E. E.Boellaard, T. N.Hendricksen, K.van Rhijn, B. W. G.Mertens, L. S., Robot-Assisted Partial Cystectomy versus Open Partial Cystectomy for Patients with Urachal Cancer. Urologia Internationalis.	13
391	Y. I. Kohada, J.Kaiho, Y.Kusumoto, H.Kukimoto, T.Mikami, J.Hinata, N.Sato, M., Importance of considering interest in sex when evaluating satisfaction after robot-assisted radical prostatectomy. International Journal of Urology.	5
392	K. H. K. K. Kaya, A.Kayhan, F. T., Health-Related Quality-of-Life Outcomes after Transoral Robotic Surgery for T1 and T2 Supraglottic Laryngeal Carcinoma Compared to the Transcervical Open Supraglottic Approach. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties.	13
393	B. F. Van Amsterdam, I.Edwards, E.Speidel, S.Collins, J.Sridhar, A.Kelly, J.Clarkson, M. J.Stoyanov, D., Gesture Recognition in Robotic Surgery with Multimodal Attention. IEEE Transactions on Medical Imaging. PP.	7
394	S. A. Fukuhara, G.Deeb, G. M., Nonaortic Valve Cardiac Surgery After Transcatheter Aortic Valve Replacement. Annals of Thoracic Surgery.	5
395	G. R. He, J. M.Dai, A. Z.Mustahsan, V. M.Cai, Y.Bielski, M. R.Kao, I.Khan, F. A., A novel bone registration method using impression molding and structured-light 3D scanning technology. Journal of Orthopaedic Research.	7
396	S. H. Morizane, M.Yumioka, T.Iwamoto, H.Hikita, K.Takenaka, A., Technique of en bloc resection of the membranous urethra and bladder during robot-assisted radical cystectomy in patients without simultaneous urethrectomy. Asian Journal of Endoscopic Surgery.	5
397	C. K. Mezes, J. S.Grebenyuk, E.Gobern, J.Meske, S. W.Amdur, R.Moawad, G. N., Virtual postoperative visits following robotic gynecologic surgery: a study of patient satisfaction, safety, and feasibility. Journal of Robotic Surgery.	5
398	J. B. Lehrke, M.Cordes, A.Leitsmann, C.Friedrich, M., Effects of a Technical Solution on Stress of Surgical Staff in Operating Theatres. Thoracic & Cardiovascular Surgeon.	2
399	E. L. M. Servais, D. L.Thibault, D.Hartwig, M. G.Kosinski, A. S.Stock, C. T.Price, T.Quadri, S. M.D'Agostino, R. S.Burfeind, W. R., Conversion to Thoracotomy During Thoracoscopic vs Robotic Lobectomy: Predictors and Outcomes. Annals of Thoracic Surgery.	5
400	V. A. Aliyev, N. C.Goksoy, B.Guven, K.Goksel, S.Asoglu, O., Is robotic da Vinci Xi R superior to the da Vinci Si R for sphincter-preserving total mesorectal excision? Outcomes in 150 mid-low rectal cancer patients. Journal of Robotic Surgery.	3
401	M. F. Masetti, G.Ratti, F.Ferrero, A.Giuliante, F.Cillo, U.Guglielmi, A.Ettorre, G. M.Torzilli, G.Vincenti, L.Ercolani, G.Cipressi, C.Lombardi, R.Aldrighetti, L.Jovine, E., Minimally invasive treatment of colorectal liver metastases: does robotic surgery provide any technical advantages over laparoscopy? A multicenter analysis from the IGoMILS (Italian Group of Minimally Invasive Liver Surgery) registry. Updates in Surgery.	12
402	M. P. Ordell Sundelin, C.Kingo, P. S.Blichert-Refsgaard, L.Lindgren, M. S.Kjolhede, H.Jensen, J. B., The transferability of the minimal invasive surgeon's skills to open surgery. Scandinavian Journal of Urology.	7
403	T. M. Fujita, S.Nakamura, A., Evaluation of Short-Term Outcomes and the Learning Curve Wherein a Thoracic Resident Doctor Performed Video-Assisted Thoracoscopic Anatomical Lung Resection for Lung Cancer. Annals of Thoracic & Cardiovascular Surgery.	5

404	P. B. Piazza, C. A.Puliatti, S.Cacciamani, G. E.Knipper, S.Amato, M.Dell'Oglio, P.Mazzone, E.Rosiello, G.Farinha, R.Sarchi, L.Scarcella, S.Wisz, P.Schiavina, R.Develtere, D.De Backer, P.De Groote, R.D'Hondt, F.Mottrie, A., Assessing pentafecta achievement after robot-assisted radical cystectomy and its association with surgical experience: Results from a high-volume institution. Urologic Oncology.	5
405	A. M. F. Fang, J. M.Rais-Bahrami, S.Porterfield, J. R., Comparison of Perioperative Outcomes Between Single-Port and Multi-Port Robotic Adrenalectomy. American Surgeon.	3
406	J. D. G. Thomas, C. K.Krpata, D. M.Prabhu, A. S.Fafaj, A.Zolin, S. J.Phillips, S. E.Rosenblatt, S.Rosen, M. J.Petro, C. C., Comparing rates of bowel injury for laparoscopic and robotic ventral hernia repair: a retrospective analysis of the abdominal core health quality collaborative. Hernia.	12
407	G. B. D'Andrea, L.Nguyen, F.Tao, Y.Paleri, V.Temam, S.Moya-Plana, A.Gorphe, P., A prospective longitudinal study of quality of life in robotic-assisted salvage surgery for oropharyngeal cancer. European Journal of Surgical Oncology.	5
408	G. T. Salzano, G.Maglitto, F.Borriello, G.Perri, F.Audino, G.Vaira, L. A.Maglione, M. G.Petrocelli, M.Califano, L.Ionna, F., Trans-Oral Robotic Surgery: 14 Cases of Pleomorphic Adenoma of the Parapharyngeal Space. Journal of Craniofacial Surgery.	5
409	F. H. Marcuse, M.De Baets, M. H. V.Bootsma, G.Maat, ApwmHoeijmakers, J. G. J.Keijzers, M.Abdul Hamid, M.De Ruysscher, D.Maessen, J. G., Robotic Thymectomy for Thymomas: A Retrospective Follow-up Study in the Netherlands. Annals of Thoracic Surgery.	5
410	M. P. Dewulf, P.Nachtergaele, F.Ameye, F.Dekuyper, P.Hildebrand, N.Muysoms, F., How-I-do-it: minimally invasive repair of ileal conduit parastomal hernias. Langenbecks Archives of Surgery.	5
411	P. W. Sooriakumaran, C.Rombach, I.Hassanali, N.Aning, J.D. Lamb ACathcart, P.Eden, C.Ahmad, I.Rajan, P.Sridhar, A.Bryant, R. J.Elhage, O.Cook, J.Leung, H.Soomro, N.Kelly, J.Nathan, S.Donovan, J. L.Hamdy, F. C., Feasibility and safety of radical prostatectomy for oligo-metastatic prostate cancer: the Testing Radical prostatectomy in men with prostate cancer and oligo-Metastases to the bone (TRoMbone) trial. BJU International.	5
412	P. H. L. Kang, T.Thiong'o, G. M.Drake, J., A simulation study to investigate the use of concentric tube robots for epilepsy surgery. Childs Nervous System.	7
413	A. S. Khan, Robotic Transplant Surgery: Broadening the Playing Field. Annals of Surgery.	8
414	T. O. Morikawa, H.Takadate, T.Ishida, M.Miura, T.Mizuma, M.Nakagawa, K.Kamei, T.Naitoh, T.Unno, M., Laparoscopic and robot-assisted surgery for adult congenital biliary dilatation achieves favorable short-term outcomes without increasing the risk of late complications. Surgery Today.	12
415	B. B. Baca, C.Hamzaoglu, I.Karahasanoglu, T., Step by step revisiting and standardizing the robotic approach of complete mesocolic excision for right-sided colon cancer. Techniques in Coloproctology.	8
416	F. H. Lang, A.Kowalewski, K. F.Kenngott, H. G.Billmann, F.Billeter, A. T.Fischer, L.Bintintan, V. V.Gutt, C. N.Muller-Stich, B. P.Nickel, F., Randomized controlled trial of robotic-assisted versus conventional laparoscopic fundoplication: 12 years follow-up. Surgical Endoscopy.	12
417	S. P. Lampridis, IhdsBille, A., Robotic-assisted diaphragmatic plication: Improving safety and effectiveness in the treatment of diaphragmatic paralysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	12

418	A. S. Gleason, E.Quadri, S.Manganiello, M.Cheah, Y. L.Simon, C. J.Preston, E.Graham-Stephenson, A.Wright, V., Developing basic robotic skills using virtual reality simulation and automated assessment tools: a multidisciplinary robotic virtual reality-based curriculum using the Da Vinci Skills Simulator and tracking progress with the Intuitive Learning platform. Journal of Robotic Surgery.	5
419	K. H. Ephraim, B.Mohammad, A.Dan, A.Yehonatan, N.Lior, S.Dina, O.David, H., Learning curve of robotic inguinal hernia repair in the hands of an experienced laparoscopic surgeon: a comparative study. Journal of Robotic Surgery.	12
420	V. C. Poissonnet, E.Schultz, P.Moriniere, S.Gorphe, P.Baujat, B.Garrel, R.Lasne-Cardon, A.Villeneuve, A.Chambon, G.Fakhry, N.Aubry, K.Dufour, X.Malard, O.Mastronicola, R.Vairel, B.Gallet, P.Ceruse, P.Jegoux, F.Ton Van, J.De Bonnecaze, G.Vergez, S., Airway management during transoral robotic surgery for head and neck cancers: a French GETTEC group survey. European Archives of Oto Rhino Laryngology.	5
421	C. W. F. Seder, F.Nayak, R.Baste, J. M.Patel, Y.Agzarian, J.Finley, C. J.Shargall, Y.Thomas, P. A.Dahan, M.Verhoye, J. P.Mbadinga, F.Hanna, W. C., Robotic vs Thoracoscopic Anatomic Lung Resection in Obese Patients: A Propensity-Adjusted Analysis. Annals of Thoracic Surgery.	13
422	T. H. Ojima, K.Yamaue, H., Robotic Ivor Lewis esophagectomy for gastroesophageal junction cancer (with video). Journal of visceral surgery.	8
423	H. M. L. Hollandsworth, K.Zhao, B.Abbadessa, B.Lopez, N. E.Parry, L.Ramamoorthy, S.Eisenstein, S., Robotic left-stapled total intracorporeal bowel anastomosis versus stapled partial extracorporeal anastomosis: operative technical description and outcomes. Surgical Endoscopy.	3
424	M. L. L. Horsey, D.Sparks, A. D.Herur-Raman, A.Borum, M.Rao, S.Ng, M.Obias, V. J., Disparities in utilization of robotic surgery for colon cancer: an evaluation of the U.S. National Cancer Database. Journal of Robotic Surgery.	5
425	H. Z. Muaddi, X.Leonardelli, G. J.de Mestral, C.Nathens, A.Stukel, T. A.Guttman, M. P.Karanicolas, P. J., Fear of innovation: public's perception of robotic surgery. Surgical Endoscopy.	2
426	A. M. B. Al-Mazrou, O.Dhar, V.Dakin, G.Afaneh, C., Minimally invasive versus open duodenal switch: a nationwide retrospective analysis. Surgical Endoscopy.	12
427	E. F. Blears, H. C.Shahoud, J.Weksler, B., Factors associated with access and approach to esophagectomy for cancer: a National Cancer Database study. Surgical Endoscopy.	3
428	R. N. Kalayarasan, S.James, M., Robotic fluorescence-guided anatomical segment IVb and V liver resection with radical lymphadenectomy for gall bladder cancer. Journal of Minimal Access Surgery.	5
429	C. L. Andolfi, A. M.Aizen, J.Recabal, X.Walker, J. P.Barashi, N. S.Reed, F.Lopez, P. J.Wilcox, D. T.Gundeti, M. S., Laparoscopic and robotic pyeloplasty as minimally invasive alternatives to the open approach for the treatment of uretero-pelvic junction obstruction in infants: a multi-institutional comparison of outcomes and learning curves. World Journal of Urology.	13
430	O. A. C.-N. Varban, A. H.Wood, M. H.Carlin, A. M.Ghaferi, A. A.Telem, D. A., Adopt or Abandon? Surgeon-Specific Trends in Robotic Bariatric Surgery Utilization Between 2010 and 2019. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A.	5
431	J. C. T. Ngu, N. Z., Robotic assistance is technically superior to conventional laparoscopy in hemicolectomies. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	5

432	A. R. Giannini, E.Misasi, G.Falcone, M.Caretto, M.Morganti, R.Mannella, P.Simoncini, T., Technical features, perioperative and anatomical outcomes of a standardized suturing pattern for robotic sacrocolpopexy. International Urogynecology Journal.	5
433	P. E. Sparwasser, S.Thomas, A.Dotzauer, R.Boehm, K.Brandt, M. P.Mager, R.Borgmann, H.Kamal, M. M.Kurosch, M.Hofner, T.Haferkamp, A.Tsaur, I., First completely robot-assisted retroperitoneal nephroureterectomy with bladder cuff: a step-by-step technique. World Journal of Urology.	5
434	A. P. Rajanbabu, V.Anandita, A.Appukuttan, A., A prospective observational study assessing the feasibility and factors affecting same-day discharge in patients undergoing robotic-assisted surgery for gynecological cancers. Journal of Robotic Surgery.	5
435	A. J. V. Berges, S. S.Malpani, A.Chen, C. C. G., Virtual Reality Simulation Has Weak Correlation with Overall Trainee Robot-Assisted Laparoscopic Hysterectomy Performance. Journal of Minimally Invasive Gynecology.	1
436	C. F. B. Justiniano, A. Z.Loria, A.Xu, Z.Aquina, C. T.Temple, L. K.Fleming, F. J., Is robotic utilization associated with increased minimally invasive colorectal surgery rates? Surgeon-level evidence. Surgical Endoscopy.	5
437	S. N. Vatansever, E.Raffaelli, M.Brunaud, L.Makay, O.Eurocrine Council, Robot-assisted versus conventional laparoscopic adrenalectomy: Results from the EUROCRINE Surgical Registry. Surgery.	13
438	M. G. C. Leon, A. R.DeStephano, C. C.Heckman, M. G.Craver, E. C.Dinh, T. A., Impact of robotic single and dual console systems in the training of minimally invasive gynecology surgery (MIGS) fellows. Journal of Robotic Surgery.	1
439	J. M. D. Gass, D.Schneider, R.Steinemann, D.Mongelli, F.Scheiwiller, A.Fourie, L.Kern, B.von Flue, M.Metzger, J.Angehrn, F.Bolli, M., Laparoscopic versus robotic-assisted, left-sided colectomies: intra- and postoperative outcomes of 683 patients. Surgical Endoscopy.	12
440	S. H. AlMasri, A. Y.Zureikat, A. H., Robotic Cyst Gastrostomy and Roux-en-Y Cyst Jejunostomy for a Bilobed Walled-Off Pancreatic Necroma. Journal of Gastrointestinal Surgery.	5
441	J. M. Noel, A.Patel, E.Reddy, S.Sandri, M.Bhat, S.Moschovas, M.Rogers, T.Ahmed, S.Stirt, D.Patel, V., Nerve spare robot assisted laparoscopic prostatectomy with amniotic membranes: medium term outcomes. Journal of Robotic Surgery.	5
442	J. C. S. Bassett, S.Crivellaro, S., Single-Port Retzius-Sparing Robot-Assisted Radical Prostatectomy: Feasibility and Early Outcomes. Journal of Endourology.	5
443	M. D. Holzgang, D.El-Hadi, A.Shaikh, I., Economizing on a 12 mm port incision site: modification of robotic bowel stapling technique in Da Vinci X/Xi left colonic resections-the modified Norfolk and Norwich robotic stapling technique. Journal of Robotic Surgery.	8
444	R. G. Sebastian, O. M.Cornejo, J.Ruttger, T.Mayuiers, M.Adrales, G.Li, C., Robot-assisted versus laparoscopic approach to concurrent bariatric surgery and hiatal hernia repair: propensity score matching analysis using the 2015-2018 MBSAQIP. Surgical Endoscopy.	12
445	A. M. Moglia, L.D'Ischia, R.Fatucchi, L. M.Pucci, V.Berchiolli, R.Ferrari, M.Cuschieri, A., Ensemble deep learning for the prediction of proficiency at a virtual simulator for robot-assisted surgery. Surgical Endoscopy.	2
446	H. R. R. Bosi, M. C.Zaniratti, T.Castilhos, F. O.Sbaraini, M.Grossi, J. V.Pretto, G. G.Cavazzola, L. T., Does single-site robotic surgery makes sense for gallbladder surgery?. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS.	5

447	F. V. S. Angehrn, R.Wilhelm, A.Daume, D.Koechlin, L.Fourie, L.von Flue, M.Kern, B.Steinemann, D. C.Bolli, M., Robotic versus laparoscopic low anterior resection following neoadjuvant chemoradiation therapy for stage II-III locally advanced rectal cancer: a single-centre cohort study. Journal of Robotic Surgery.	12
448	H. H. Katsuno, T.Endo, T.Morise, Z.Uyama, I., The double bipolar method for robotic total mesorectal excision in patients with rectal cancer. Surgery Today.	3
449	F. S. Gallo, S.Luciani, L.Mattevi, D.Barzaghi, P.Mari, A.Di Maida, F.Antonelli, A.Cindolo, L.Galfano, A.Pini, G.Mantica, G.Schenone, M.Schips, L.Annino, F.Terrone, C.Bocciardi, A. M.Gaboardi, F.Minervini, A., Simultaneous robotic partial nephrectomy for bilateral renal masses. World Journal of Urology.	5
450	J. A. W. Richards, M. D.Gupta, N. A.Kitchen, J. M.Whitaker, J. E.Smith, L. S.Malkani, A. L., No difference in PROMs between robotic-assisted CR versus PS total knee arthroplasty: a preliminary study. Journal of Robotic Surgery.	3
451	D. S. J. Bai, S. J.Xiang, X. X.Qian, J. J.Zhang, C.Zhou, B. H.Jiang, G. Q., Robotic-assisted versus laparoscopic approach of Bai-Jiang-style vagus nerve-preserving splenectomy and azygoportal disconnection. Updates in Surgery.	12
452	V. K. S. Varshney, A., Total robotic choledochal cyst excision with Roux-en-Y hepaticojejunostomy in adults. Langenbecks Archives of Surgery.	5
453	S. M. P. S. Rossi, R.Perticarini, L.Terragnoli, F.Benazzo, F., High accuracy of a new robotically assisted technique for total knee arthroplasty: an in vivo study. Knee Surgery, Sports Traumatology, Arthroscopy.	5
454	G. H. Gitas, L.Rody, A.Ackermann, J.Alkatout, I., Robotic surgery in gynecology: is the future already here?. Minimally Invasive Therapy & Allied Technologies: Mitat.	8
455	K. N. Guidolin, D.Chadi, S.Quereshy, F. A., Post-operative outcomes in patients with locally advanced colon cancer: a comparison of operative approach. Surgical Endoscopy.	2
456	S. W. A. Wong, Z. H.Crowe, P., The learning curve to attain surgical competency in robotic colorectal surgery. ANZ Journal of Surgery.	5
457	D. A. A. Daar, L. M.Vranis, N. M.Schulster, M. L.Frey, J. D.Jun, M.Zhao, L. C.Levine, J. P., Robotic deep inferior epigastric perforator flap harvest in breast reconstruction. Microsurgery.	5
458	N. S. G. Nwaelugo, M. I.Gould, J. C.Higgins, R. M., The evolution of the general surgery resident operative case experience in the era of robotic surgery. Surgical Endoscopy.	5
459	T. T. Sugishita, S.Imaizumi, J.Takamizawa, Y.Inoue, M.Moritani, K.Kinugasa, Y.Kanemitsu, Y., Evaluation of the learning curve for robot-assisted rectal surgery using the cumulative sum method. Surgical Endoscopy.	5
460	G. H. Capovilla, E.Tagkalos, E.Froiio, C.Berlth, F.Mann, C.Staubitz, J.Uzun, E.Lang, H.Grimminger, P. P., End to side circular stapled anastomosis during robotic-assisted Ivor Lewis minimally invasive esophagectomy (RAMIE). Diseases of the Esophagus.	5
461	J. J. Selim, X.Clavier, T.Boujibar, F.Dusseaux, M. M.Thill, J.Borderelle, C.Ple, V.Baste, J. M.Besnier, E.Djerada, Z.Compere, V., Impact of Opioid-free Anesthesia After Video-assisted Thoracic Surgery: A Propensity Score Study. Annals of Thoracic Surgery.	3
462	F. C. Ghidini, M., Pediatric urology research in 2020: A bibliometric analysis of the top 100 most cited articles. Urologia (Treviso).	8
463	M. K. Covas Moschovas, S.Bhat, S. K.Noel, J.Sandri, M.Rogers, T. P.Moser, D.Brady, I.Patel, V., Implementing the da Vinci SP R without increasing positive surgical margins: experience and pathological outcomes of a prostate cancer referral center. Journal of Endourology.	5
464	C. E. P. Gielen, Y.Swaelens, C., Two cases of vascular complications after urologic robotic surgery. Acta Chirurgica Belgica.	5

465	G. A. Gitas, I.Proppe, L.Hanker, L.Allahqoli, L.Grimbizis, G.Rody, A.Werner, N.Sommer, S.Baum, S., Long-term satisfaction of patients after laparoscopic and robotic-assisted hysterectomy. Archives of Gynecology & Obstetrics.	13
466	H. W. Zhang, F.Qiu, G.Li, Z.Chen, L. Q.Wang, Y., Surgical tips to Improve Completeness of Trans-subxiphoid Robotic Extended Thymectomy. Annals of Thoracic Surgery.	8
467	L. E. H. Geldmaker, C. H.Baird, B.Haehn, D. A.Anyane-Yeboah, A. N.Wieczorek, M. A.Thomas Ball, C. S.Dora, C.Lyon, T. D.Thiel, D. D., Analysis of Operating Room (OR) Efficiency During Robotic-Assisted Urologic Surgeries Utilizing Fixed (Nonprocedural) Operative Times. Journal of Endourology.	5
468	T. M. H. A. Gall, W.Soomro, N.White, S.Jiao, L. R., Shortening surgical training through robotics: randomized clinical trial of laparoscopic versus robotic surgical learning curves. Bjs Open.	2
469	D. W. Whiting, L.Tsang, D.Hussain, M.Malki, M.Barber, N. J., Retroperitoneal robotic-assisted laparoscopic pyeloplasty: A 10 year experience in a single institution. Journal of Endourology.	5
470	E. Y. Fong, H. H. I.Zargar, H.O'Connell, H. E., Early experience of transabdominal and novel transvaginal robot-assisted laparoscopic removal of transvaginal mesh. Journal of Endourology.	5
471	T. P. F. Cundy, D. D.Alizai, N. K.Najmaldin, A. S., Conversions in Pediatric Robot-Assisted Laparoscopic Surgery. Journal of Pediatric Surgery.	5
472	S. A. P. Soder, C.Ferraro, P.Lafontaine, E.Martin, J.Nasir, B.Liberman, M., Post-Operative Outcomes Associated With Open Versus Robotic Thymectomy: A Propensity Matched Analysis. Seminars in Thoracic & Cardiovascular Surgery.	13
473	G. W. Minchev, A.Ptacek, W.Kronreif, G.Micko, A.Dorfer, C.Wolfsberger, S., Development of a miniaturized robotic guidance device for stereotactic neurosurgery. Journal of Neurosurgery.	7
474	P. F. Fragoso Costa, W. P.Herrmann, K.Sandach, P.Grafe, H.Grootendorst, M.Puellen, L.Kesch, C.Krafft, U.Radtke, J. P.Tschirdewahn, S. P.Hadaschik, B.Darr, C., Radiation Protection and Occupational Exposure on [⁶⁸Ga]Ga-PSMA-11 based Cerenkov Luminescence Imaging Procedures in robot assisted Prostatectomy. Journal of Nuclear Medicine.	2
475	S. I. C. Roberts, S. Y.Nguyen, J.Perez, L. C.Medina, L. G.Ma, R.Marshall, S.Kocielnik, R.Anandkumar, A.Hung, A. J., The Relationship of Technical Skills and Cognitive Workload to Errors During Robotic Surgical Exercises. Journal of Endourology.	2
476	N. M. L. Cancelliere, J.Nicholson, P.Dobrocky, T.Swaminathan, S. K.Hendriks, E. J.Krings, T.Radovanovic, I.Drake, K. E.Turner, R.Sungur, J. M.Pereira, V. M., Robotic-assisted intracranial aneurysm treatment: 1 year follow-up imaging and clinical outcomes. Journal of Neurointerventional Surgery.	5
477	N. H. Crain, N.Aboulian, A., A Comparative Analysis of Short-term Patient Outcomes after Laparoscopic versus Robotic Rectal Surgery. Diseases of the Colon & Rectum.	12
478	M. A. G. Babademez, F.Bulut, K. S.Sancak, M.Atalay, S. K., Robotic Modification of Epiglottis Trimming in the Treatment of Obstructive Sleep Apnea. Otolaryngology - Head & Neck Surgery.	5
479	L. H. Timmermann, K. H.Felsenstein, M.Schmelzle, M.Pratschke, J.Malinka, T., Challenges of single-stage pancreatoduodenectomy: how to address pancreatogastrostomies with robotic-assisted surgery. Surgical Endoscopy.	12

480	A. T. L. Murr, C. J.Feins, R. H.Hackman, T. G., Evaluation of a 3D-Printed Transoral Robotic Surgery Simulator Utilizing Artificial Tissue. Laryngoscope.	1
481	B. A. D. Karamian, S. L.Sawires, A. N.Canseco, J. A.Basques, B. A.Toci, G. R.Radcliff, K. E.Rihn, J. A.Kaye, I. D.Hilibrand, A. S.Lee, J. K.Kepler, C. K.Vaccaro, A. R.Schroeder, G. D., Clinical Outcomes of Robotic Versus Freehand Pedicle Screw Placement After One-to Three-Level Lumbar Fusion. Global Spine Journal.	12
482	S. F. K. Hardon, A.Horeman, R.van der Elst, M.Bloemendaal, A. L. A.Horeman, T., Validation of the portable virtual reality training system for robotic surgery (PoLaRS): a randomized controlled trial. Surgical Endoscopy.	2
483	Z. H. Chen, P.Zhou, X.Li, P.Li, Q.Zheng, J.Li, X.Zhou, Z., Preliminary Functional Outcome Following Robotic Intracorporeal Orthotopic Ileal Neobladder Suspension with Round Ligaments in Women with Bladder Cancer. European Urology.	2
484	C. M. Berrondo, J. H., Current practice in robotic surgery among pediatric urologists: A survey study. Journal of Endourology.	2
485	K. H. Hikita, M.Shimizu, R.Teraoka, S.Kawamoto, B.Yumioka, T.Tsounapi, P.Iwamoto, H.Morizane, S.Takenaka, A., Longitudinal, 5-year long-term outcomes for urinary continence and quality of life after robot-assisted radical prostatectomy in Japanese patients. Luts.	5
486	V. B. El-Achi, M.Al-Aker, M., Sentinel lymph node biopsy at robotic-assisted hysterectomy for atypical hyperplasia and endometrial cancer. Journal of Robotic Surgery.	5
487	J. N. Corsello, D. B.Munie, S.Bown, P.Amiri, F., The Importance of the Institution of a Robotic Curriculum on Resident Training and Performance. American Surgeon.	8
488	R. G. Carroll, P.Steers, G.Cetindag, I.Lehmann, R.Hrabe, J.Hassan, I.Shelton, J., Robotic surgery training during general surgery residency: a survey comparing attitudes towards a robotic training curriculum within general surgery, urology, and OBGYN residents and attendings. Journal of Robotic Surgery.	5
489	R. D. E. Shaw, M. A.Bleicher, J.Broecker, J.Caesar, B.Chin, R.Meyer, C.Mitsakos, A.Stolarksi, A. E.Theiss, L.Smith, B. K.Ivatury, S. J., Current Barriers in Robotic Surgery Training for General Surgery Residents. Journal of Surgical Education.	2
490	M. P. J. Rogers, H.Eguia, E.Lozonschi, L.Toloza, E. M.Kuo, P. C., Adopting robotic thoracic surgery: Impacts hospital overall lung resection case volume. American Journal of Surgery.	4
491	Y. C. C. Wang, N. H.Wang, Y. C.Chen, Y. S.Huang, C. H., Retrograde arterial perfusion and its outcome in robotic mitral valve surgery. Asian Journal of Surgery.	5
492	S. B. Senay, M.Gullu, A. U.Kocyigit, M.Kilic, L.Alhan, C., Robotic Mitral Valve Surgery with Intracardiac Ultrasound Guided Septal Myectomy. Annals of Thoracic Surgery.	5
493	C. C. Bourla, G.Taoum, C.Rouanet, P.Colombo, P. E., Robotic-assisted colon resection for splenic flexure cancer. Journal of visceral surgery.	8
494	C. A. A. Fleming, O.Clements, J. M.Hirniak, J.King, M.Mohan, H. M.Nally, D. M.Burke, J.Association of Surgeons in, Training, Surgical trainee experience and opinion of robotic surgery in surgical training and vision for the future: a snapshot study of pan-specialty surgical trainees. Journal of Robotic Surgery.	2
495	I. S. Sucandy, E.Crespo, K.Syblis, C.Przetocki, V.Ross, S.Rosemurgy, A., The effect of the robotic platform in hepatectomy after prior liver and non-liver abdominal operations: a comparative study of clinical outcomes. Journal of Robotic Surgery.	3
496	P. H. Pai, J.Phillips, A.Lin, H. M.Lai, Y. H., Serratus Anterior Plane Block Versus Intercostal Block with Incision Infiltration in Robotic-Assisted Thoracoscopic Surgery: A Randomized Controlled Pilot Trial. Journal of Cardiothoracic & Vascular Anesthesia.	3

497	Y. P. Li, J.Mencattelli, M.Wang, J.Ha, J.Dupont, P. E., A Soft Robotic Balloon Endoscope for Airway Procedures. Soft Robotics.	7
498	K. H. Hikita, M.Shimizu, R.Teraoka, S.Kimura, Y.Yumioka, T.Tsounapi, P.Iwamoto, H.Morizane, S.Takenaka, A., The influence of the long duration from biopsy to surgery on biochemical recurrence after robot-assisted radical prostatectomy in Japanese patients. Asian Journal of Surgery.	5
499	J. W. J. Shim, S.Moon, H. W.Lee, J. Y.Park, J.Lee, H. M.Kim, Y. S.Hong, S. H.Chae, M. S., Rectus sheath block for acute pain management after robot-assisted laparoscopic prostatectomy. Asian Journal of Surgery.	2
500	M. J. W. J. Zwart, L. R.Fuente, I.Balduzzi, A.Takagi, K.Novak, S.Stibbe, L. A.de Rooij, T.van Hilst, J.van Rijssen, L. B.van Dieren, S.Vanlander, A.van den Boezem, P. B.Daams, F.Mieog, J. S. D.Bonsing, B. A.Rosman, C.Festen, S.Luyer, M. D.Lips, D. J.Moser, A. J.Busch, O. R.Abu Hilal, M.Hogg, M. E.Stommel, M. W. J.Besselink, M. G.Dutch Pancreatic Cancer, Group, Performance with robotic surgery versus 3D- and 2D-laparoscopy during pancreatic and biliary anastomoses in a biotissue model: pooled analysis of two randomized trials. Surgical Endoscopy.	7
501	L. S. Lin, M.Xu, C.Gao, Y.Xu, H.Xianxian, Y.He, H.Wang, B.Xie, L.Chai, G., The Prospective, Single-Center, Randomized Controlled Trial: Assessment of Robot-Assisted Mandibular Contouring Surgery in Comparison With Traditional Surgery. Aesthetic Surgery Journal.	12
502	T. C. L. Chen, J. T., Robotic versus laparoscopic surgery for rectal cancer after neoadjuvant chemoradiotherapy: A propensity-score matching analysis. Journal of the Formosan Medical Association.	12
503	K. K. Yamada, N.Ojima, H., Learning curve for robotic bedside assistance for rectal cancer: application of the cumulative sum method. Journal of Robotic Surgery.	5
504	C. L. F. Stewart, A.Payyavula, G.DiMaio, S.Lafaro, K.Tallmon, K.Wren, S.Sorger, J.Fong, Y., Study on augmented reality for robotic surgery bedside assistants. Journal of Robotic Surgery.	1
505	M. M. O. McGauvran, T.Raghunathan, K.Krishnamoorthy, V.Johnson, S.Lo, T.Pyati, S.Van De Ven, T.Bartz, R. R.Gaca, J.Thompson, A., Association Between Gabapentinoids and Postoperative Pulmonary Complications in Patients Undergoing Thoracic Surgery. Journal of Cardiothoracic & Vascular Anesthesia.	2
506	E. G. Lee, D.Crowder, H. R.Badger, C.Schottler, J.Li, N. W.Siegel, R.Sadeghi, N.Goodman, J. F.Thakkar, P. G.Joshi, A. S., Swallowing Function Following Neoadjuvant Chemotherapy and Transoral Robotic Surgery for Oropharyngeal Carcinoma: A 2-Year Follow-up. Otolaryngology - Head & Neck Surgery.	5
507	C. H. L. Yang, Y. S.Weng, W. C.Lu, C. H.Hsu, C. Y.Tung, M. C.Ou, Y. C., Validation of robotic-assisted ureteroplasty with buccal mucosa graft for stricture at the proximal and middle ureters: the first comparative study. Journal of Robotic Surgery.	5
508	R. B. Poston, R., Robotic surgery: would any other (more accurate) name smell as sweet?. Journal of Robotic Surgery.	8
509	G. D. Palomba, V. P.Capuano, M.Anoldo, P.Milone, M.De Palma, G. D.Aprea, G., Robotic versus laparoscopic colorectal surgery in elderly patients in terms of recovery time: a monocentric experience. Journal of Robotic Surgery.	12
510	M. S. Vigiola Cruz, J.Dakin, G.Afaneh, C.Bellorin, O., Bupivacaine liposome use reduces length of post-anesthesia care unit stay and postoperative narcotic use following robotic inguinal herniorrhaphy. Journal of Robotic Surgery.	5
511	K. R. S. C. M. Bhat, M.Sandri, M.Noel, J.Reddy, S.Perera, R.Rogers, T.Roof, S.Patel, V. R., Outcomes of Salvage Robot-assisted Radical Prostatectomy After Focal Ablation for Prostate Cancer in Comparison to Primary Robot-assisted Radical Prostatectomy: A Matched Analysis. European Urology Focus.	3

512	A. V. F. Bigolin, M. K.Grossi, J.Iaroseski, J.Cavazzola, L. T., Robotic repair of post-oesophagectomy hiatal hernia. Annals of the Royal College of Surgeons of England.	8
513	R. S. Patel, Y.Kinross, J.von Roon, A.Woods, A. J.Darzi, A.Singh, H.Leff, D. R., Neuroenhancement of surgeons during robotic suturing. Surgical Endoscopy.	1
514	C. C. T. Mandujano, L.Lima, D. L.Malcher, F.Jacob, B., Robotic mesh explantation (RoME): a novel approach for patients with chronic pain following hernia repair. Surgical Endoscopy.	5
515	T. I. Kumamoto, Y.Igeta, M.Hojo, Y.Nakamura, T.Kurahashi, Y.Shinohara, H., Potential advantages of robotic total gastrectomy for gastric cancer: a retrospective comparative cohort study. Journal of Robotic Surgery.	12
516	R. N. Sinha, A.Shan, W.Shih, K. K.Frimer, M.Sakaris, A.Goldberg, G. L., Is minimally invasive surgery for clinical stage I uterine carcinosarcoma safe?. Journal of Robotic Surgery.	2
517	H. J. W. Hsu, J. L.Hsiao, J. R.Lin, C. Y., Quantification of the Impact of Intraoperative Ultrasound in Transoral Robotic Tongue Base Reduction. Laryngoscope.	5
518	Y. D. Wang, J.Morgan, T. N.Elsaied, M.Garbens, A.Qu, X.Steinberg, R.Gahan, J.Larson, E. C., Evaluating robotic-assisted surgery training videos with multi-task convolutional neural networks. Journal of Robotic Surgery.	1
519	E. M. R. Clarke, J.Larach, T.Rajkomar, A.Jain, A.Hiscock, R.Warrier, S.Smart, P., Robotic versus laparoscopic right hemicolectomy: a retrospective cohort study of the Binational Colorectal Cancer Database. Journal of Robotic Surgery.	12
520	A. F. D. Kamath, S. M.Pickering, T.Cafferky, N. L.Murray, T. G.Wind, M. A., Jr.Methot, S., Improved accuracy and fewer outliers with a novel CT-free robotic THA system in matched-pair analysis with manual THA. Journal of Robotic Surgery.	7
521	G. L. Di Franco, V.Palmeri, M.Furbetta, N.Guadagni, S.Gianardi, D.Bianchini, M.Pollina, L. E.Melfi, F.Mamone, D.Milli, C.Di Candio, G.Turchetti, G.Morelli, L., Robot-assisted pancreatoduodenectomy with the da Vinci Xi: can the costs of advanced technology be offset by clinical advantages? A case-matched cost analysis versus open approach. Surgical Endoscopy.	12
522	P. H. Hertz, K.Jepsen, J.Bundgaard, L.Jensen, P.Friis, M.Konge, L.Bjerrum, F., Identifying curriculum content for a cross-specialty robotic-assisted surgery training program: a Delphi study. Surgical Endoscopy.	5
523	Z. M. Chaari, F.Sarsam, M.Bottet, B.Rinieri, P.Gillibert, A.Baste, J. M., Midterm survival of imaging-assisted robotic lung segmentectomy for non-small-cell lung cancer. Interactive Cardiovascular & Thoracic Surgery.	5
524	R. H. Abaza, S. J.Martinez, O., Robotic Vessel Sealer Device for Lymphocele Prevention After Pelvic Lymphadenectomy: Results of a Randomized Trial. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A.	2
525	Z. Z. Liu, C.Xu, J.Ge, S., Application of Da Vinci robot system assisted therapy in cardiac surgery: a single-center experience with 131 cases. Panminerva Medica.	5
526	C. P. Tschuor, R. C.Isenberg, E. E.Motz, B. M.Salibi, P. N.Robinson, J. N.Murphy, K. J.Iannitti, D. A.Baker, E. H.Vrochides, D.Martinie, J. B., Robotic Resection of Gallbladder Cancer: A Single-Center Retrospective Comparative Study to Open Resection. American Surgeon.	12
527	B. J. Yi, J.Zhu, S.Li, J., The impact of robotic technology on the learning curve for robot-assisted gastrectomy in the initial clinical application stage. Surgical Endoscopy.	12

528	R. G. R. d. G. Vilallonga, A.Fort, J. M.Gonzalez, O.Rodriguez-Luna, M. R.Roriz-Silva, R.Caubet, E.Ciudin, A.Pera-Ferreruela, M.Petrola, C.Armengol, M., Laparoscopic Versus Robot-Assisted Roux-en-Y Gastric Bypass: A Center of Excellence for the EAC-BC Experience. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A.	12
529	J. W. N. Li, J. C.Lim, K. R.Tay, S. W.Jiang, B.Wijaya, R.Yusof, S.Ong, C. J.Kwek, A. B. E.Ang, T. L., Colonic stenting in acute malignant large bowel obstruction - an audit of efficacy and safety in a tertiary referral centre in Singapore. Singapore Medical Journal.	2
530	A. S. Toesca, C.Maisonneuve, P.Massari, G.Girardi, A.Baker, J. L.Lissidini, G.Invento, A.Farante, G.Corso, G.Rietjens, M.Peradze, N.Gottardi, A.Magnoni, F.Bottiglieri, L.Lazzeroni, M.Montagna, E.Labo, P.Orecchia, R.Galimberti, V.Intra, M.Sacchini, V.Veronesi, P., A Randomized Trial of Robotic Mastectomy versus Open Surgery in Women With Breast Cancer or BRCA Mutation. Annals of Surgery.	12
531	N. E. D. Samalavicius, A.Sirvys, A.Klimasauskiene, V.Janusonis, V.Janusonis, T.Eismontas, V.Deduchovas, O.Stephan, D.Darwich, I.Poth, C.Schilcher, F.Slabadzin, Y.Kukharchuk, M.Willeke, F.Staib, L., Inguinal hernia TAPP repair using Senhance^R robotic platform: first multicenter report from the TRUST registry. Hernia.	5
532	T. P. A. Keeney-Bonthrone, K. L.Haley, C.Karmakar, M.Hawes, A. M.Chang, A. C.Lin, J.Lynch, W. R.Carrott, P. W.Lagisetty, K. H.Orringer, M. B.Reddy, R. M., Transhiatal robot-assisted minimally invasive esophagectomy: unclear benefits compared to traditional transhiatal esophagectomy. Journal of Robotic Surgery.	13
533	Y. K. Nasseri, E.Oka, K.Cox, B.Cohen, J.Ellenhorn, J.Barnajian, M., Minimally invasive right versus left colectomy for cancer: does robotic surgery mitigate differences in short-term outcomes?. Journal of Robotic Surgery.	3
534	A. T. Mari, R.Antonelli, A.Porpiglia, F.Schiavina, R.Amparore, D.Bertini, R.Brunocilla, E.Capitanio, U.Checcucci, E.Da Pozzo, L.Di Maida, F.Fiori, C.Furlan, M.Gontero, P.Longo, N.Roscigno, M.Simeone, C.Siracusano, S.Ficarra, V.Carini, M.Minervini, A., A Nomogram for the Prediction of Intermediate Significant Renal Function Loss After Robot-assisted Partial Nephrectomy for Localized Renal Tumors: A Prospective Multicenter Observational Study (RECORd2 Project). European Urology Focus.	5
535	H. J. S. Garcia-Chavez, D.Read, T.Iqbal, A., Impact of Early Exposure to Robotic Surgery Among Pre-clinical Medical Students on Career Choice and Simulation Skills. American Surgeon.	1
536	J. S. Mulchandani, N.Kulkarni, A.Shetty, S.Sadat, M. S.Kudari, A., Short-term and pathologic outcomes of robotic versus open pancreatoduodenectomy for periampullary and pancreatic head malignancy: an early experience. Journal of Robotic Surgery.	12
537	S. G. Sforza, A. A.Di Maida, F.Viola, L.Tuccio, A.Mari, A.Cito, G.Cocci, A.Carini, M.Minervini, A.Masieri, L., A comparative study of anticoagulant/antiplatelet therapy among men undergoing robot-assisted radical prostatectomy: a prospective single institution study. Journal of Robotic Surgery.	3
538	K. J. K. Na, C. H.Park, S.Park, I. K.Kim, Y. T., Robotic esophagectomy versus open esophagectomy in esophageal squamous cell carcinoma: a propensity-score matched analysis. Journal of Robotic Surgery.	13
539	S. G. Y. Zak, D.Tang, A.Meftah, M.Schnaser, E.Schwarzkopf, R., The Use of Navigation or Robotic-Assisted Technology in Total Knee Arthroplasty Does Not Reduce Postoperative Pain. The Journal of Knee Surgery.	5

540	J. I. Usuda, T.Sonokawa, T.Matsumoto, M.Enomoto, Y.Suzuki, K.Tomioka, Y., A new technique for introduction of a surgical stapler in robot-assisted lobectomy for lung cancer. Journal of Nippon Medical School = Nihon Ika Daigaku Zasshi.	5
541	D. S. C. M. Soon, X.Lee, D. J.Moore, P.Clough, A., Australian experience with robot-assisted Roux-en-Y gastric bypass with comparison to a conventional laparoscopic series. Surgical Endoscopy.	12
542	T. C. Kunkes, L.Higginbotham, J.Bisantz, A.Elsayed, A. S.Aldhaam, N. A.Hussein, A. A.Guru, K. A., Influence of hierarchy on risk communication during robot-assisted surgery: a preliminary study. Surgical Endoscopy.	5
543	T. M. J. Barry, H.DuCoin, C.Eguia, E.Kuo, P. C., Does adoption of new technology increase surgical volume? The robotic inguinal hernia repair model. Journal of Robotic Surgery.	7
544	D. H. Bolovis, W.Brucker, C., Robotic mesh-supported pectopexy for pelvic organ prolapse: expanding the options of pelvic floor repair. Journal of Robotic Surgery.	5
545	Y. A. Qudah, A.Barajas-Gamboa, J. S.Del Gobbo, G. D.Rodriguez, J.Kroh, M.Corcelles, R., Robotic Revisional Single Anastomosis Duodenoileal Bypass After Sleeve Gastrectomy. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A.	5
546	K. M. R. Ramonell, C.Buczek, E.Porterfield, J., Jr.Lindeman, B.Chen, H.Fazendin, J.Wei, B., Mediastinal parathyroidectomy: Utilization of a multidisciplinary, robotic-assisted transthoracic approach in challenging cases. American Journal of Surgery.	5
547	M. H. Felsenstein, K. H.Timmermann, L.Feist, M.Benzing, C.Schmelzle, M.Pratschke, J.Malinka, T., Robot-assisted pancreatic surgery-optimized operating procedures: set-up, port placement, surgical steps. Journal of Robotic Surgery.	2
548	J. T. Son, T.Yao, M.Michener, C. M., Factors Associated With Unplanned Admission in Patients Intended for Same Day Discharge After Minimally Invasive Hysterectomy for Endometrial Cancer. Surgical Innovation.	2
549	D. N. M. Fogg, A. N.Abou-Al-Shaar, H.Gonzalez-Martinez, J., Robotic-assisted stereotactic drainage of cerebral abscess and placement of ventriculostomy. British Journal of Neurosurgery.	5
550	D. D. T. Carbin, A. S.Ahluwalia, P.Gautam, G., Robot-assisted radical prostatectomy in indian men of age 75 years and above: a propensity score-matched analysis. Journal of Robotic Surgery.	3
551	J. M. W. Collins, D. S.Hudson, J.Henderson, S.Thompson, J.Zychowicz, M., Implementation of a standardized robotic assistant surgical training curriculum. Journal of Robotic Surgery.	1
552	T. D. Suek, F.Raza, S. J.Hamilton, Z., Robotic surgery for cT2 kidney cancer: analysis of the National Cancer Database. Journal of Robotic Surgery.	13
553	P. P. Kocian, F.Prikryl, P.Vymazal, T.Hoch, J.Whitley, A., Should minimally invasive approaches in rectal surgery be regarded as a key element of modern enhanced recovery perioperative care?. Acta Chirurgica Belgica.	2
554	Z. A. B. Glaser, Z. R.Fang, A. M.Saidian, A.Magi-Galluzzi, C.Nix, J. W.Rais-Bahrami, S., Single- versus multi-port robotic partial nephrectomy: a comparative analysis of perioperative outcomes and analgesic requirements. Journal of Robotic Surgery.	3
555	S. L. Abdalla, R. M.Genova, P.Oberlin, O.Goasguen, N.Fabiani, B.Valverde, A., Does conversion during minimally invasive rectal surgery for cancer have an impact on short-term and oncologic outcomes? Results of a retrospective cohort study. Surgical Endoscopy.	12

556	H. F. C. Fuchs, J. W.Babic, B.DuCoin, C.Meireles, O. R.Grimminger, P. P.Read, M.Abbas, A.Sallum, R.Muller-Stich, B. P.Perez, D.Biebl, M.Egberts, J. H.van Hillegersberg, R.Bruns, C. J., Robotic-assisted minimally invasive esophagectomy (RAMIE) for esophageal cancer training curriculum-a worldwide Delphi consensus study. Diseases of the Esophagus.	1
557	M. V. K. Baker, C. K.Occhino, J. A., Vesicouterine Fistula: A Robotic Approach. International Urogynecology Journal.	8
558	J. R. Hawksworth, P.Nguyen, B.Belyayev, L.Llore, N.Holzner, M.Mateo, R.Meslar, E.Winslow, E.Fishbein, T., Improving safety of robotic major hepatectomy with extrahepatic inflow control and laparoscopic CUSA parenchymal transection: technical description and initial experience. Surgical Endoscopy.	5
559	N. M. Sorgato, E.Contardo, T.Vittadello, F.Sarzo, G.Morpurgo, E., Right colectomy with intracorporeal anastomosis for cancer: a prospective comparison between robotics and laparoscopy. Journal of Robotic Surgery.	12
560	E. F. Hannan, G.Ullah, M. F.Ryan, C.McNamara, E.Waldron, D.Condon, E.Coffey, J. C.Peirce, C., Robotic versus laparoscopic right hemicolectomy: a case-matched study. Journal of Robotic Surgery.	12
561	C. C. Lopez-Molina, A.Campistol, M.Pinero, A.Lozano, F.Salvador, C.Raventos, C. X.Trilla, E., Evaluating the impact of the learning curve on the perioperative outcomes of robot-assisted radical cystectomy with intracorporeal urinary diversion. Actas Urologicas Espanolas.	5
562	E. C.-J. Alonso Mediavilla, F.Azcarraga Aranegui, G.Varea Malo, R.Ballestero Diego, R.Dominguez Esteban, M.Ramos Barselo, E.Zubillaga Guerrero, S.Calleja Hermosa, P.Gutierrez Banos, J. L., Ureteroileal anastomosis stricture after urinary diversions performed by open, laparoscopic and robotic approaches. Incidence and management in a tertiary care center. Actas Urologicas Espanolas.	2
563	E. L. S. Lin, A.Peng, J.Singh, P. N.Wu, E.Michelotti, M. J., Cumulative summation analysis of learning curve for robotic-assisted hiatal hernia repairs. Surgical Endoscopy.	5
564	L. N. L. Hajirawala, C.Orangio, G. R.Davis, K. G.Barton, J. S., Trends in Open, Laparoscopic, and Robotic Approaches to Colorectal Operations. American Surgeon.	5
565	S. V. Fernandez-Pello, N.Kuusk, T.Berezowska, A.Mumtaz, F.Patki, P.Tran, M.Barod, R.Bex, A., Perioperative impact of body mass index on upper urinary tract and renal robot-assisted surgery: a single high-volume centre experience. Journal of Robotic Surgery.	5
566	T. K. Nohara, S.Iwamoto, H.Yaegashi, H.Iijima, M.Kawaguchi, S.Shima, T.Shigehara, K.Izumi, K.Kadono, Y.Seto, C.Mizokami, A., Test clamp procedure in robot-assisted partial nephrectomy: is it a safe procedure?. Journal of Robotic Surgery.	5
567	J. P. Tung, R.Rajwani, T.Han, S.Hanson, N.Sternbach, J.Hubka, M., Feasibility and efficacy of cryoneurolysis analgesia in robotic-assisted thoracoscopic surgery (CARTS): a pilot study. Journal of Robotic Surgery.	3
568	S. L. Turkay, K.Crawford, R.Roberts, J.Jaiprakash, A. T., The effects of gender, age, and videogame experience on performance and experiences with a surgical robotic arm: an exploratory study with general public. Journal of Robotic Surgery.	2
569	C. A. W. Bollig, K.Llerena, P.Puram, S. V.Pipkorn, P. J.Jackson, R. S.Stubbs, V. C., National Analysis of Oropharyngeal Salivary Gland Malignancies Treated With Transoral Robotic Surgery. Otolaryngology - Head & Neck Surgery.	3

570	F. F. Cipriani, G.Magistri, P.Fontani, A.Menonna, F.Annecchiarico, M.Lauterio, A.De Carlis, L.Coratti, A.Boggi, U.Ceccarelli, G.Di Benedetto, F.Aldrighetti, L., Pure laparoscopic versus robotic liver resections: Multicentric propensity score-based analysis with stratification according to difficulty scores. Journal of Hepato biliary pancreatic Sciences.	12
571	B. P. Bruun, J. L.Mohl, P.Spanager, L., Is non-stop always better? Examining assumptions behind the concept of flow disruptions in studies of robot-assisted surgery. Journal of Robotic Surgery.	8
572	S. P. R. Puntambekar, K. N.Goel, A.Hivre, M.Bharambe, S.Chitale, M.Panse, M., Colorectal cancer surgery: by Cambridge Medical Robotics Versius Surgical Robot System-a single-institution study. Our experience. Journal of Robotic Surgery.	3
573	L. C. F. Cristobal Poch, C.Gomez-Ruiz, M.Ortega Roldan, M.Cantero Cid, R.Castillo Diego, J.Gomez-Fleitas, M., Implementation of an enhanced recovery after surgery program with robotic surgery in high-risk patients obtains optimal results after colorectal resections. Journal of Robotic Surgery.	2
574	L. J. Y. King, A. J.Nagar, P. M.McDowell, J. L.Smith, A. L., Outcomes of robotic surgery in morbidly obese patients with endometrial cancer: a retrospective study. Journal of Robotic Surgery.	5
575	A. M. S. B. L. Artsen, U.Bonidie, M., Surgeon satisfaction and outcomes of tele-proctoring for robotic gynecologic surgery. Journal of Robotic Surgery.	1
576	N. W. Zhang, B.Enty, M. A.Ketch, P.Ulm, M. A.ElNaggar, A. C.Daily, L.Tillmanns, T., Same-day discharge after robotic surgery for endometrial cancer. Journal of Robotic Surgery.	5
577	N. J. Z. Lee, S. L.Buchanan, I. A.Boddapati, V.Mathew, J.Marciano, G.Robertson, D.Lakomkin, N.Park, P. J.Leung, E.Lombardi, J. M.Lehman, R. A., Is There a Difference in Screw Accuracy, Robot Time Per Screw, Robot Abandonment, and Radiation Exposure Between the Mazor X and the Renaissance? A Propensity-Matched Analysis of 1179 Robot-Assisted Screws. Global Spine Journal.	3
578	O. J. Olaleye, B.Switajewski, M.Ooi, E. H.Krishnan, S.Foreman, A.Hodge, J. C., Trans-oral robotic surgery for head and neck cancers using the Medrobotics Flex^R system: the Adelaide cohort. Journal of Robotic Surgery.	5
579	K. Y. Saito, Y.Shiomi, A.Kagawa, H.Hino, H.Manabe, S.Kato, S.Hanaoka, M., Short- and Long-Term Outcomes of Robotic Surgery for Rectal Neuroendocrine Tumor. Surgical Innovation.	5
580	C. E. W. Alvarado, S. G.Bachman, K. C.Jiang, B.Janko, M.Gray, K. E.Argote-Greene, L. M.Linden, P. A.Towe, C. W., Robotic Approach Has Improved Outcomes for Minimally Invasive Resection of Mediastinal Tumors. Annals of Thoracic Surgery.	5
581	E. N. Deroche, A.Lording, T.Dumas, R.Servien, E.Cheze, L.Lustig, S.Batailler, C., Femorotibial alignment measured during robotic assisted knee surgery is reliable: radiologic and gait analysis. Archives of Orthopaedic & Trauma Surgery.	5
582	X. Y. Chu, P.Zhang, N.Feng, L.Guo, K.Lu, C.Lu, T.Wang, C.Yang, K. H., A Bibliometric Analysis of Overall and Top 100 Most-Cited Studies About Robotic Surgery Versus Open Surgery. Surgical Innovation.	8
583	C. T. J. W. Michels, C. J.Hannink, G.Witjes, J. A.Rovers, M. M.Grutters, J. P. C.Race Study Group, Robot-assisted Versus Open Radical Cystectomy in Bladder Cancer: An Economic Evaluation Alongside a Multicentre Comparative Effectiveness Study. European Urology Focus.	4

584	H. T. Ml, W.Jq, Z.Yj, S.Tj, G.Lk, Z.J, L.Jf, Y., Evaluation of external contamination on the vial surfaces of some hazardous drugs that commonly used in Chinese hospitals and comparison between environmental contamination generated during robotic compounding by IV: Dispensing robot vs. manual compounding in biological safety cabinet. Journal of Oncology Pharmacy Practice.	2
585	M. B. H. Hopkins, A. T.Tiwari, V.Soda, M.Martin, B. J.Muldoon, R. L.Ford, M. M.Beck, D.Geiger, T. M., Is newer always better?: comparing cost and short-term outcomes between laparoscopic and robotic right hemicolectomy. Surgical Endoscopy.	12
586	S. C. Hans, E.Lisan, Q.Chekkoury-Idrissi, Y.Distinguin, L.Circiu, M. P.Crevier-Buchman, L.Lechien, J. R., Oncological, Surgical and Functional Outcomes of Transoral Robotic Cordectomy for Early Glottic Carcinoma. Journal of Voice.	5
587	L. O. G. Feldbrugge, S. A.Frisch, O.Benzing, C.Krenzien, F.Riddermann, A.Kastner, A.Nevermann, N. F.Malinka, T.Schoning, W.Pratschke, J.Schmelzle, M., Safety and feasibility of robotic liver resection after previous abdominal surgeries. Surgical Endoscopy.	5
588	M. B. L. Alberich Prats, C.Miro Martin, M.Aranda Danso, H.Estremiana Garcia, F.Farran Teixidor, L., Robotic surgery for the treatment of achalasia. Cirugia Espanola.	5
589	M. B. G. Held, A.Neuwirth, A. L.Shah, R. P.Cooper, H. J.Geller, J. A., Imageless robotic-assisted total knee arthroplasty leads to similar 24-month WOMAC scores as compared to conventional total knee arthroplasty: a retrospective cohort study. Knee Surgery, Sports Traumatology, Arthroscopy.	12
590	Z. E. M. Khene, C.Larcher, A.Peyronnet, B.Gasmi, A.Roumiguie, M.Verhoest, G.Capitanio, U.Mathieu, R.Doumerc, N.Montorsi, F.Bensalah, K., Predicting Complications After Robotic Partial Nephrectomy: Back to Simplicity. European Urology Focus.	5
591	S. N. R. P. Kalipershad, I., The introduction of an emergency safety protocol coupled with simulation training in robotic surgery, has enabled a more cohesive and efficient response to emergencies. Surgeon Journal of the Royal Colleges of Surgeons of Edinburgh & Ireland.	1
592	K. G. Machetanz, F.Wuttke, T. V.Kegele, J.Lerche, H.Tatagiba, M.Rona, S.Gharabaghi, A.Honegger, J.Naros, G., Frame-based and robot-assisted insular stereo-electroencephalography via an anterior or posterior oblique approach. Journal of Neurosurgery.	2
593	K. W. H. Morse, M.Avrumova, F.Defrancesco, C.Fabricant, P. D.Lebl, D. R.Widmann, R. F., Comprehensive Error Analysis for Robotic-assisted Placement of Pedicle Screws in Pediatric Spinal Deformity: The Initial Learning Curve. Journal of Pediatric Orthopedics.	5
594	T. J. N. Holleran, M. A.Sparks, A. D.Duncan, J. E.Garrett, M.Brody, F. J., Trends and outcomes of open, laparoscopic, and robotic inguinal hernia repair in the veterans affairs system. Hernia.	12
595	E. I. Bonati, S.Loderer, T.Cozzani, F.Rossini, M.Giuffrida, M.Del Rio, P., Intraoperative neuromonitoring (IONM) in thyroidectomy for carcinoma in an high volume academic Hospital. Minerva Surgery.	2
596	G. G. Rosiello, G.Scuderi, S.Barletta, F.Fossati, N.Stabile, A.Gallina, A.Mazzone, E.Vitale, L. M.Pellegrino, A.Bravi, C.Martini, A.Cucchiara, V.Karakiewicz, P. I.Mottrie, A.Briganti, A.Montorsi, F., Reducing the Risk of Postoperative Complications After Robot-assisted Radical Prostatectomy in Prostate Cancer Patients: Results of an Audit and Feedback Intervention Following the Implementation of Prospective Data Collection. European Urology Focus.	3
597	H. H. Aziz, K.Lashkari, N.Ahmad, N. U.Genyk, Y.Sheikh, M. R., Hospitalization Costs and Outcomes of Open, Laparoscopic, and Robotic Liver Resections. American Surgeon.	12

598	H. P. H. Miller, A.Kellish, A.Wozniak, M.Gaughan, J.Sensenig, R.Atabek, U. M.Spitz, F. R.Hong, Y. K., Cost-Benefit Analysis of Robotic vs. Laparoscopic Hepatectomy: A Propensity-Matched Retrospective Cohort Study of American College of Surgeons National Surgical Quality Improvement Program Database. American Surgeon.	4
599	L. M. Trinh, S.Vanstrum, E. B.Sanford, D. I.Aastha,Ma, R.Nguyen, J. H.Liu, Y.Hung, A. J., Survival Analysis Using Surgeon Skill Metrics and Patient Factors to Predict Urinary Continence Recovery After Robot-assisted Radical Prostatectomy. European Urology Focus.	5
600	F. I. Matassi, M.Giabbani, N.Sani, G.Cozzi Lepri, A.Piolanti, N.Civinini, R., Robotic-Assisted Unicompartmental Knee Arthroplasty Reduces Components' Positioning Differences among High- and Low-Volume Surgeons. The Journal of Knee Surgery.	5
601	C. L. Batailler, T.Naaim, A.Servien, E.Cheze, L.Lustig, S., No difference of gait parameters in patients with image-free robotic-assisted medial unicompartmental knee arthroplasty compared to a conventional technique: early results of a randomized controlled trial. Knee Surgery, Sports Traumatology, Arthroscopy.	12
602	S. K. Kirschbaum, T.Granrath, F.Jasina, A.Oronowicz, J.Perka, C.Kopf, S.Gwinner, C.Pumberger, M., Significant increase in quantity and quality of knee arthroplasty related research in KSSTA over the past 15 years. Knee Surgery, Sports Traumatology, Arthroscopy.	8
603	C. K. Michiels, Z. E.Prudhomme, T.Boulenger de Hauteclocque, A.Cornelis, F. H.Percot, M.Simeon, H.Dupitout, L.Bensadoun, H.Capon, G.Alezra, E.Estrade, V.Bladou, F.Robert, G.Ferriere, J. M.Grenier, N.Doumerc, N.Bensalah, K.Bernhard, J. C., 3D-Image guided robotic-assisted partial nephrectomy: a multi-institutional propensity score-matched analysis (UroCCR study 51). World Journal of Urology.	2
604	I. G. Sucandy, A.Spence, J.Ross, S.Rosemurgy, A., Robotic Roux-en-Y Hepaticojejunostomy for Right Hepatic Duct Transection. Application of Minimally Invasive Technique for High Bile Duct Injury. American Surgeon.	8
605	K. O. Nakamae, T.Takaji, K.Uesugi, H., Mitral valve repair using the daVinci surgical system after MitraClip failure. Asian Cardiovascular and Thoracic Annals.	5
606	R. R. Farinha, G.Paludo, A. O.Mazzone, E.Puliatti, S.Amato, M.De Groote, R.Piazza, P.Berquin, C.Montorsi, F.Schatteman, P.De Naeyer, G.D'Hondt, F.Mottrie, A., Selective Suturing or Sutureless Technique in Robot-assisted Partial Nephrectomy: Results from a Propensity-score Matched Analysis. European Urology Focus.	3
607	E. C. P. Cugat Andorra, M.Navines Lopez, J.Matallana Azorin, C.Zarate Pinedo, A.Pardo Aranda, F.Sendra Gonzalez, M.Espin Alvarez, F., Challenge and future of liver and pancreatic robotic surgery. Analysis of 64 cases in a specialized unit. Cirugia Espanola.	5
608	A. R. Salazar, L.Planas, J.Celma, A.Santamaria, A.Trilla, E.Morote, J., A Randomised Controlled Trial to Assess the Benefit of Posterior Rhabdosphincter Reconstruction in Early Urinary Continence Recovery after Robot-assisted Radical Prostatectomy. European Urology Oncology.	2
609	E. D. L. C. Urso, F.Rivella, G.Celotto, F.Zucchetta, P.Albertoni, L.Pucciarelli, S.Bao, Q. R., Robotic Resection of Giant Duodenal Hamartoma After ¹⁸Fluorodeoxyglucose Positron Emission Tomography Magnetic Resonance Imaging (¹⁸FDG PET-MRI). American Surgeon.	5
610	F. N. Muysoms, F.Pletinckx, P.Dewulf, M., ROBotic Utility for Surgical Treatment of hernias (ROBUST hernia project). Cirugia Espanola.	5
611	D. L. K. Chen, P. M.Tao, S. L.Wu, L. C.Li, Q. Y.Tan, Q., Comparative short-term outcomes of robotic-assisted surgery for older patients with non-small cell lung cancer: a propensity matched study. Updates in Surgery.	13
612	K. A. Collins, P. A.Fraval, A.Petterwood, J., Initial Experience with the NAVIO Robotic-Assisted Total Knee Replacement-Coronal Alignment Accuracy and the Learning Curve. The Journal of Knee Surgery.	5

613	N. E. K. Samalavicius, T.Zidonis, Z.Janusonis, V.Deduchovas, O.Eismontas, V.Nausediene, V.Dulskas, A., Robotic cholecystectomy using Senhance robotic platform versus laparoscopic conventional cholecystectomy: a propensity score analysis. Acta Chirurgica Belgica.	12
614	Q. Y. Z. Chen, Q.Liu, Z. Y.Li, P.Wang, J. B.Lin, J. X.Lu, J.Cao, L. L.Lin, M.Tu, R. H.Huang, Z. N.Lin, J. L.Zheng, H. L.Lin, G. T.Zheng, C. H.Huang, C. M.Xie, J. W., Surgical Outcomes, Technical Performance and Surgery Burden of Robotic Total Gastrectomy for Locally Advanced Gastric Cancer: A Prospective Study. Annals of Surgery.	12
615	R. A. W. Chemtob, P.Mick, S. L.Javorski, M. J.Burns, D. J. P.Blackstone, E. H.Svensson, L. G.Gillinov, A. M.Cardiac Robotic Surgery Working Group at Cleveland, Clinic, A conservative screening algorithm to determine candidacy for robotic mitral valve surgery. Journal of Thoracic & Cardiovascular Surgery.	5
616	P. A. B. Ferrero, T.Binet, A.Arnaud, A.Abbo, O.Vatta, F.Bonnard, A.Spampinato, G.Lardy, H.Fourcade, L.Ballouhey, Q., The Potential and the Limitations of Esophageal Robotic Surgery in Children. European Journal of Pediatric Surgery.	5
617	J. Z. Wang, T.Han, W.Hua, K.Wu, X., Robot-assisted S2 screw fixation for posterior pelvic ring injury. Injury.	12
618	E. L. Chebib, J. R.Chekkoury, Y.Hans, S., Transoral Robotic Surgery for Cancer of the Soft Palate Posterior Surface. Ear, Nose, & Throat Journal.	5
619	D. H. Stefanidis, E. M.Collins, J. W.Martino, M. A.Satava, R. M.Levy, J. S., Expert Consensus Recommendations for Robotic Surgery Credentialing. Annals of Surgery.	8
620	M. K. S. Kamel, A. N.Rahouma, M.Harrison, S. W.Lee, B.Stiles, B. M.Altorki, N. K.Port, J. L., National trends and perioperative outcomes of robotic oesophagectomy following induction chemoradiation therapy: a National Cancer Database propensity-matched analysis. European Journal of Cardio Thoracic Surgery.	13
621	B. F. G. Kingma, P. P.van der Sluis, P. C.van Det, M. J.Kouwenhoven, E. A.Chao, Y. K.Tsai, C. Y.Fuchs, H. F.Bruns, C. J.Sarkaria, I. S.Luketich, J. D.Haveman, J. W.van Etten, B.Chiu, P. W.Chan, S. M.Rouanet, P.Mourregot, A.Holzen, J. P.Sallum, R. A.Cecconello, I.Egberts, J. H.Benedix, F.van Berge Henegouwen, M. I.Gisbertz, S. S.Perez, D.Jansen, K.Hubka, M.Low, D. E.Biebl, M.Pratschke, J.Turner, P.Pursnani, K.Chaudry, A.Smith, M.Mazza, E.Strignano, P.Ruurda, J. P.van Hillegersberg, R.Ugira Study Group, Worldwide Techniques and Outcomes in Robot-Assisted Minimally Invasive Esophagectomy (RAMIE): Results from the Multicenter International Registry. Annals of Surgery.	5
622	E. K. B. Charters, H.Freeman-Sanderson, A. L.Ballard, K. J.Davies, S.Oates, J.Clark, J., Early fiberoptic endoscopic evaluation of swallow in transoral robotic surgery: Description of swallow function and recovery in the acute postoperative period for oropharyngeal squamous cell carcinoma. Head & Neck.	5
623	M. F. Le Gac, C.Touboul, C.Owen, C.Arfi, A.Boudy, A. S.Jayot, A.Bendifallah, S.Darai, E., Comparison of robotic versus conventional laparoscopy for the treatment of colorectal endometriosis: Pilot study of an expert center. Journal of Gynecology Obstetrics and Human Reproduction.	13
624	C. T. D. Viet, E. J.Cheng, A. C.Patel, A. A.Chang, S. C.Couey, M. A.Watters, A. L.Hoang, T.Xiao, H. D.Crittenden, M. R.Leidner, R. S.Seung, S. K.Young, K. H.Bell, R. B., Transoral robotic surgery and neck dissection for HPV-positive oropharyngeal carcinoma: Importance of nodal count in survival. Oral Oncology.	5
625	D. L. Chao, Q.Hu, G., WITHDRAWN: The Role of Intercostal Nerve Block Combined with Puncture Surgery Robot Controlled by Fuzzy Proportion Integral Differential Algorithm under the Guidance of MRI Image in the Treatment of Lung Cancer. Neuroscience Letters.	8

626	J. C. R. Bernhard, G.Ricard, S.Michiels, C.Capon, G.Boulenger de Hautecloque, A.Bensadoun, H.Gay, J.Rogier, J.Tauzin-Fin, P.Gross-Goupil, M.Benard, A.Nouette, K.Roullet, S.Ferriere, J. M., Day-case robotic-assisted partial nephrectomy: feasibility and preliminary results of a prospective evaluation (UroCCR-25 AMBU-REIN study). World Journal of Urology.	5
627	B. P. Jiang, Z.Zhu, A.Matsoukas, S.Ahmed, A. K.Ehresman, J.Mahapatra, S.Cottrill, E.Sheppell, H.Manbachi, A.Crawford, N.Theodore, N., Three-dimensional assessment of robot-assisted pedicle screw placement accuracy and instrumentation reliability based on a preplanned trajectory. Journal of Neurosurgery Spine.	5
628	S. L. Luzzi, A. G.Pacilli, M.Tartaglia, N.Ambrosi, A., Hindbrain-related syringomyelia and raised intra-abdominal pressure: implications for safety of laparoscopic and robotic surgery. Annali Italiani di Chirurgia.	3
629	G. A. Ploussard, C.Beauval, J. B.Gautier, J. R.Loison, G.Salin, A.Tollon, C., Same-day discharge surgery for robot-assisted radical prostatectomy in the era of ERAS and prehabilitation pathways: a contemporary, comparative, feasibility study. World Journal of Urology.	2
630	R. A. A. Elizondo, J. K.Song, S. H.Huang, G. O.Zhang, W.Zhu, H.Janzen, N.Seth, A.Roth, D. R.Tu, D. T.Koh, C. J., Open versus robot-assisted laparoscopic ureteral reimplantation: Hospital charges analysis and outcomes at a single institution. Journal of Pediatric Surgery.	12
631	C. M. Esposito, L.Castagnetti, M.Pelizzo, G.De Gennaro, M.Lisi, G.Cobellis, G.Gamba, P.Di Benedetto, V.Escolino, M., Current Status of Pediatric Robot-Assisted Surgery in Italy: Epidemiologic National Survey and Future Directions. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A.	5
632	D. F. R. Loulmet, N. K.Neragi-Miandoab, S.Koeckert, M. S.Galloway, A. C.Grossi, E. A., Advanced experience allows robotic mitral valve repair in the presence of extensive mitral annular calcification. Journal of Thoracic & Cardiovascular Surgery.	5
633	G. W. P. Britz, S. S.Falb, P.Tomas, J.Desai, V.Lumsden, A., Neuroendovascular-specific engineering modifications to the CorPath GRX Robotic System. Journal of Neurosurgery.	7
634	M. G. Liberman, E.Morse, C.Hanna, W.Evans, N.Yasufuku, K.Sampalis, J.Vats Pa Study Working Group, Prospective, multicenter, international phase 2 trial evaluating ultrasonic energy for pulmonary artery branch sealing in video-assisted thoracoscopic surgery lobectomy. Journal of Thoracic & Cardiovascular Surgery.	2
635	J. G. Kaouk, J.Eltemamy, M.Bertolo, R., Step-by-step technique for single-port robot-assisted radical cystectomy and pelvic lymph nodes dissection using the da Vinci^R SP TM surgical system. BJU International.	5
636	T. K. H. Chang, C. W.Ma, C. J.Su, W. C.Tsai, H. L.Wang, J. Y., Ectopic pancreas mimicking gastric submucosal tumour treated using robotic surgery. Journal of Minimal Access Surgery.	5
637	X. T. Han, W.Liu, Y.Liu, B.He, D.Sun, Y.Han, X.Fan, M.Zhao, J.Xu, Y.Zhang, Q., Safety and accuracy of robot-assisted versus fluoroscopy-assisted pedicle screw insertion in thoracolumbar spinal surgery: a prospective randomized controlled trial. Journal of Neurosurgery Spine.	12
638	Z. Y. Han, K.Hu, L.Li, W.Yang, H.Gan, M.Guo, N.Yang, B.Liu, H.Wang, Y., A targeting method for robot-assisted percutaneous needle placement under fluoroscopy guidance. Computer Assisted Surgery.	7
639	C. A. S. Riley, C. P.Tabaee, A.Kacker, A.Anand, V. K.Schwartz, T. H., Technological and Ideological Innovations in Endoscopic Skull Base Surgery. World Neurosurgery.	8

640	B. N. Zhao, C. A., A sensorless force-feedback system for robot-assisted laparoscopic surgery. Computer Assisted Surgery.	7
641	G. K. Minchev, G.Ptacek, W.Dorfer, C.Micko, A.Maschke, S.Legnani, F. G.Widhalm, G.Knosp, E.Wolfsberger, S., A novel robot-guided minimally invasive technique for brain tumor biopsies. Journal of Neurosurgery.	12
642	A. K. B. Han, J. H.Gregoriou, K. C.Ploch, C. J.Goldman, R. E.Glover, G. H.Daniel, B. L.Cutkosky, M. R., MR-Compatible Haptic Display of Membrane Puncture in Robot-Assisted Needle Procedures. IEEE Transactions on Haptics.	7
643	N. P. Furbetta, M.Guadagni, S.Di Franco, G.Gianardi, D.Latteri, S.Marciano, E.Moglia, A.Cuschieri, A.Di Candio, G.Mosca, F.Morelli, L., Gastrointestinal stromal tumours of stomach: Robot-assisted excision with the da Vinci Surgical System regardless of size and location site. Journal of Minimal Access Surgery.	5
644	G. T. Zeng, N. Z.Goh, B. K. P., Short-term outcomes of minimally invasive surgery for patients presenting with suspected gallbladder cancer: Report of 8 cases. Journal of Minimal Access Surgery.	12
645	S. D. L. Pandolfo, D.Autorino, R., Editorial Comment to Expanding the limits of nephron-sparing surgery: Surgical technique and mid-term outcomes of purely off-clamp robotic partial nephrectomy for totally endophytic renal tumors. International Journal of Urology. 2022;29;288	8
646	G. B. Tuderti, A.Mastroianni, R.Misuraca, L.Bove, A.Anceschi, U.Ferriero, M.Guaglianone, S.Gallucci, M.Simone, G., Expanding the limits of nephron-sparing surgery: Surgical technique and mid-term outcomes of purely off-clamp robotic partial nephrectomy for totally endophytic renal tumors. International Journal of Urology. 2022;29;282-288	5
647	X. Z. An, J.Ma, X.Song, B., Nursing Intervention Countermeasures of Robot-Assisted Laparoscopic Urological Surgery Complications. Contrast Media & Molecular Imaging. 2021;2021;8223941	2
648	X. H. Hu, X., Evaluation of the Postoperative Nursing Effect of Thoracic Surgery Assisted by Artificial Intelligence Robot. Contrast Media & Molecular Imaging. 2021;2021;3941600	2
649	H. H. Morohashi, K.Kanno, T.Kawashima, K.Akasaka, H.Ebihara, Y.Oki, E.Hirano, S.Mori, M., Social implementation of a remote surgery system in Japan: a field experiment using a newly developed surgical robot via a commercial network. Surgery Today. 2022;52;705-714	7
650	H. H. N. Balkhy, S.Kitahara, H.Torregrossa, G.Patel, B.Grady, K.Coleman, C., Robotic off-pump totally endoscopic coronary artery bypass in the current era: report of 544 patients. European Journal of Cardio-Thoracic Surgery. 2022;61;439-446	5
651	A. B. R. Porcaro, R.Amigoni, N.Tafuri, A.Shakir, A.Tiso, L.Cerrato, C.Antoniolli, S. Z.Lacola, V.Gozzo, A.Odorizzi, K.Orlando, R.Di Filippo, G.Brunelli, M.Migliorini, F.De Marco, V.Artibani, W.Cerruto, M. A.Antonelli, A., Severe intraoperative bleeding predicts the risk of perioperative blood transfusion after robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2022;16;463-471	5
652	Y. T. Sasaki, M.Fukuta, K.Shiozaki, K.Daizumoto, K.Ozaki, K.Ueno, Y.Tsuda, M.Kusuhara, Y.Fukawa, T.Yamamoto, Y.Yamaguchi, K.Izaki, H.Kanda, K.Kanayama, H., The patient-side surgeon plays a key role in facilitating robot-assisted intracorporeal ileal conduit urinary diversion in men. Journal of Robotic Surgery. 2022;16;437-444	5
653	N. E. N. Donlon, T. S.Free, R.Hafeez, A.Kalbassi, R.Neary, P. C.O'Riordain, D. S., Robotic versus laparoscopic anterior resections for rectal and rectosigmoid cancer: an institutional experience. Irish Journal of Medical Science. 2022;191;845-851	12

654	T. A. H. Quynh, P. D.Du, L. Q.Long, L. H.Tran, N. T. N.Hung, T., The follow-up of the robotic-assisted Soave procedure for Hirschsprung's disease in children. Journal of Robotic Surgery. 2022;16;301-305	5
655	P. A. Dallenbach, M.Boulvain, M.Shabanov, S., Outcomes of robotically assisted laparoscopic lateral suspension (RALLS) with mesh for anterior and apical prolapse. Journal of Robotic Surgery. 2022;16;287-294	5
656	A. K. A.-S. Dhalla, Z.Beraki, S.Dasari, A.Fung, L. C.Fusaro, L.Garapaty, A.Gutierrez, B.Gratta, D.Hashim, M.Horlen, K.Karamchedu, P.Korupolu, R.Liang, E.Ong, C.Owyang, Z.Salgotra, V.Sharma, S.Syed, B.Syed, M.Vo, A. T.Abdul-Wahab, R.Wasi, A.Yamaguchi, A.Yen, S.Imran, M., A robotic pill for oral delivery of biotherapeutics: safety, tolerability, and performance in healthy subjects. Drug Delivery & Translational Research. 2022;12;294-305	2
657	N. J. H. Beaumont, H. L.Gregory, A. V.Edwards, M. E.Rojas, J. D.Gessner, R. C.Dayton, P. A.Kline, T. L.Romero, M. F.Czernuszewicz, T. J., Assessing Polycystic Kidney Disease in Rodents: Comparison of Robotic 3D Ultrasound and Magnetic Resonance Imaging. Kidney360. 2020;1;1126-1136	2
658	Y. D. Ouyang, L.Sun, C., Critic Learning-Based Control for Robotic Manipulators With Prescribed Constraints. IEEE Transactions on Cybernetics. 2022;52;2274-2283	2
659	H. S. K. Talwar, S.Mittal, A.Narain, T. A.Panwar, V. K., Incidental encounter of intraperitoneal tuberculosis during renal surgeries: A surgeon's dilemma. Indian Journal of Tuberculosis. 2022;69;246-249	5
660	L. D. Schulze, V. T.Milfont, J. C. A.Pecanha, G.Ferrer, P.Cavalcanti, A. G., Analysis of surgical and histopathological results of robot-assisted partial nephrectomy with use of three or four robotic arms: an early series results. International Braz J Urol. 2022;48;493-500	3
661	H. K. Srinath, T. J.Mor, I. J.Warner, R. E., Robot-Assisted vs Laparoscopic Right Hemicolectomy in Octogenarians. Journal of the American Medical Directors Association. 2022;23;690-694	12
662	S. H. Kisinde, X.Hesselbacher, S.Satin, A. M.Lieberman, I. H., Robotic-guided placement of cervical pedicle screws: feasibility and accuracy. European Spine Journal. 2022;31;693-701	5
663	P. J. A.-R. Kneuertz, M.D'Souza, D. M.Zhao, J.Merritt, R. E., Segmentectomy for clinical stage I non-small cell lung cancer: National benchmarks for nodal staging and outcomes by operative approach. Cancer. 2022;128;1483-1492	13
664	L. P. Wuhrl, C.Giersch, M.Lapp, F.von Rintelen, T.Balke, M.Schmidt, S.Cerretti, P.Meier, R., DiversityScanner: Robotic handling of small invertebrates with machine learning methods. Molecular Ecology Resources. 2022;22;1626-1638	2
665	M. T. F. Gomez-Hernandez, M. G.Novoa, N. M.Rodriguez, I.Varela, G.Jimenez, M. F., The robotic surgery learning curve of a surgeon experienced in video-assisted thoracoscopic surgery compared with his own video-assisted thoracoscopic surgery learning curve for anatomical lung resections. European Journal of Cardio-Thoracic Surgery. 2022;61;289-296	13
666	S. B. R. Ahmad, M.Chang, C.Zureikat, A. H.Zeh, H. J., 3rdHogg, M. E., dV-Trainer vs. da Vinci Simulator: Comparison of Virtual Reality Platforms for Robotic Surgery. Journal of Surgical Research. 2021;267;695-704	3
667	F. J. Hoexum, V.Coveliers, H. M.Yeung, K. K.Wisselink, W., Robot-assisted transthoracic first rib resection for venous thoracic outlet syndrome. Vascular. 2022;30;217-224	5

668	J. E. H. Schroeder, S.Weil, Y. A.Liebergall, M.Moshioff, R.Kaplan, L., When giants talk; robotic dialog during thoracolumbar and sacral surgery. BMC Surgery. 2022;22;125	5
669	M. S. C. Group, Predictors of surgical outcomes of minimally invasive right colectomy: the MERCY study. International Journal of Colorectal Disease. 2022;37;907-918	5
670	R. M. S. Brody, D.Cohen, R. B.Lin, A.Lukens, J. N.Hartner, L.Aggarwal, C.Duvvuri, U.Montone, K. T.Jalaly, J. B.LiVolsi, V. A.Carey, R. M.Shanti, R. M.Rajasekaran, K.Chalian, A. A.Rassekh, C. H.Cannady, S. B.Newman, J. G.O'Malley, B. W.Weinstein, G. S.Gimotty, P. A.Basu, D., A benchmark for oncologic outcomes and model for lethal recurrence risk after transoral robotic resection of HPV-related oropharyngeal cancers. Oral Oncology. 2022;127;105798	5
671	S. G. Wang, S.Tao, Y.Liang, G.Sha, R.Xie, A.Li, Z.Yuan, L., A Modified Power-on Programming Method after Deep Brain Stimulation for Parkinson Disease. World Neurosurgery. 2022;160;e152-e158	2
672	S. Y. Morizane, T.Iwamoto, H.Hikita, K.Honda, M.Takenaka, A., Initial Experience of Robot-Assisted Laparoscopic Nephroureterectomy in Japan: A Useful Technique Using a Vessel Sealing Device for Securing a Good Surgical Field and Efficient Sealing. Asian Journal of Endoscopic Surgery. 2022;15;458-462	5
673	M. J. W. G. Zwart, B.Arabiyat, A.Nota, C. L. M.van der Poel, M. J.Fichtinger, R. S.Berrevoet, F.van Dam, R. M.Aldrighetti, L.Fuks, D.Hoti, E.Edwin, B.Besselink, M. G.Abu Hilal, M.Hagendoorn, J.Swijnenburg, R. J.Dutch Liver Collaborative, GroupE. Ahpba InnovationDevelopment, Committee, Pan-European survey on the implementation of robotic and laparoscopic minimally invasive liver surgery. HPB. 2022;24;322-331	5
674	J. F. Kamei, A.Saito, K.Sugihara, T.Ando, S.Miyagawa, T.Takayama, T.Fujimura, T., Less invasive and equivalent short-term outcomes with simultaneous en bloc robot-assisted radical cystectomy and laparoscopic nephroureterectomy: Comparison with conventional open radical cystectomy and nephroureterectomy. Asian Journal of Endoscopic Surgery. 2022;15;255-260	4
675	V. N. Mendes Pereira, P.Cancelliere, N. M.Liu, X. Y. E.Agid, R.Radovanovic, I.Krings, T., Feasibility of robot-assisted neuroendovascular procedures. Journal of Neurosurgery. 2022;136;992-1004	5
676	R. S. Melnyk, P.Holler, T.Cameron, K.Mithal, P.Rappold, P.Wu, G.Cubillos, J.Rashid, H.Joseph, J. V.Ghazi, A. E., Design and Implementation of an Emergency Undocking Curriculum for Robotic Surgery. Simulation in Healthcare: The Journal of The Society for Medical Simulation. 2022;17;78-87	2
677	A. L. H. Feng, A. J.Abt, N. B.Mokhtari, T. E.Suresh, K.McHugh, C. I.Parikh, A. S.Holman, A.Kammer, R. E.Goldsmith, T. A.Faden, D. L.Deschler, D. G.Varvares, M. A.Lin, D. T.Richmon, J. D., Feeding Tube Placement Following Transoral Robotic Surgery for Oropharyngeal Squamous Cell Carcinoma. Otolaryngology - Head & Neck Surgery. 2022;166;696-703	5
678	Q. M. Dunlap, W. M.Gardner, J. R.King, D.Samant, R.Moreno, M.Vural, E., Vascularity Outcomes of Lingual Artery Ligation in Transoral Robotic Base of Tongue Resections. Otolaryngology - Head & Neck Surgery. 2022;166;684-687	5
679	O. S. Atik, Does the use of robotic technology in hip arthroplasty provide superior clinical outcomes?. Joint Diseases & Related Surgery. 2022;33;253-254	8
680	M. S. D. Banger, J.Jones, B. G.MacLean, A. D.Rowe, P. J.Blyth, M. J. G., Are there functional biomechanical differences in robotic arm-assisted bi-unicompartmental knee arthroplasty compared with conventional total knee arthroplasty? A prospective, randomized controlled trial. Bone & Joint Journal. 2022;104-B;433-443	12

681	J. T. Lam, M. S.Retting, R. L.McLemore, E. C., Robotic Versus Laparoscopic Surgery for Rectal Cancer: A Comprehensive Review of Oncological Outcomes. Permanente Journal. 2021;25;14	8
682	T. T.-K. Catanzarite, J.Nguyen, J. N.Jakus-Waldman, S.Menefee, S. A., A Novel, Structured Fellow Training Pathway for Robotic-Assisted Sacrocolpopexy. Permanente Journal. 2021;25;26	2
683	M. C.-M. Shoraka, S. L.Dideban, B.Zarrinpar, A.Warren, C.Amaro, B.Cardenas-Goicoechea, J., Clinical Utility and Cost of Postoperative Hemoglobin Level Testing Following Robotic-assisted Hysterectomy for Endometrial Cancer. Anticancer Research. 2022;42;1893-1898	5
684	S. J. K. Park, T. W.Kim, T.Lee, M.Choi, C. H.Shim, S. H.Yim, G. W.Lee, S.Lee, E. J.Lim, M. C.Chang, S. J.Lee, S. J.Lee, S. H.Song, T.Lee, Y. Y.Kim, H. S.Nam, E. J., Safety and efficacy study of laparoscopic or robotic radical surgery using an endoscopic stapler for inhibiting tumour spillage of cervical malignant neoplasms evaluating survival (SOLUTION): a multi-centre, open-label, single-arm, phase II trial protocol. BMC Cancer. 2022;22;331	8
685	H. C. Roman, A.Merlot, B., Excision of deep endometriosis nodules of the sciatic nerve using robotic assistance, with video. Journal of visceral surgery. 2022;159;74-76	8
686	M. S. K. Bu Bshait, J. K.Lee, C. R.Kang, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y., Safety and Feasibility of Robotic Transaxillary Thyroidectomy for Graves' Disease: A Retrospective Cohort Study. World Journal of Surgery. 2022;46;1107-1113	12
687	Y. Y. H. Lee, J. I.Kang, B. K.Jeong, K.Lee, J. W.Kim, D. Y., Assessment of Perioperative Atelectasis Using Lung Ultrasonography in Patients Undergoing Pneumoperitoneum Surgery in the Trendelenburg Position: Aspects of Differences according to Ventilatory Mode. Journal of Korean Medical Science. 2021;36;e334	5
688	F. H. Hoeijmakers, K. J.Verhagen, A. F.Steup, W. H.Marra, E.Roell, W. F. B.Heineman, D. J.Schreurs, W. H.Tollenaar, RaemWouters, Mwjm, Variation in incidence, prevention and treatment of persistent air leak after lung cancer surgery. European Journal of Cardio-Thoracic Surgery. 2021;61;110-117	2
689	H. O. Saeidi, J. D.Kam, M.Wei, S.Leonard, S.Hsieh, M. H.Kang, J. U.Krieger, A., Autonomous robotic laparoscopic surgery for intestinal anastomosis. Began with: Volume 1, Issue 1 (06 December 2016). 2022;7;eabj2908	7
690	D. L. Asklid, O.Xu, Y.Gustafsson, U. O., Short-term outcome in robotic vs laparoscopic and open rectal tumor surgery within an ERAS protocol: a retrospective cohort study from the Swedish ERAS database. Surgical Endoscopy. 2022;36;2006-2017	12
691	S. B. P. Stringfield, L. A.Eisenstein, S. G.Horgan, S. N.Kane, C. J.Ramamoorthy, S. L., Experience with 10 years of a robotic surgery program at an Academic Medical Center. Surgical Endoscopy. 2022;36;1950-1960	5
692	T. S. Kinoshita, R.Akimoto, E.Tanaka, Y.Okayama, T.Habu, T., Reduction in postoperative complications by robotic surgery: a case-control study of robotic versus conventional laparoscopic surgery for gastric cancer. Surgical Endoscopy. 2022;36;1989-1998	12
693	J. K. Schreyer, A.Herlemann, A.Becker, A.Schlenker, B.Catchpole, K.Weigl, M., RAS-NOTECHS: validity and reliability of a tool for measuring non-technical skills in robotic-assisted surgery settings. Surgical Endoscopy. 2022;36;1916-1926	2
694	J. T. F. Larach, J.Wright, T.Rajkomar, A. K. S.McCormick, J. J.Kong, J.Smart, P. J.Heriot, A. G.Warrier, S. K., Robotic complete mesocolic excision versus conventional robotic right colectomy for right-sided colon cancer: a comparative study of perioperative outcomes. Surgical Endoscopy. 2022;36;2113-2120	3

695	E. M. V. van der Schans, P. M.Moumni, M. E.Broeders, IamjConsten, E. C. J., Evaluation of the learning curve of robot-assisted laparoscopic ventral mesh rectopexy. Surgical Endoscopy. 2022;36;2096-2104	5
696	O. Y. B.-A. Kudsi, N.Gokcal, F.Crawford, A. S.Chung, S. K.Chudner, A.Litwin, D., Learning curve of robot-assisted transabdominal preperitoneal (rTAPP) inguinal hernia repair: a cumulative sum (CUSUM) analysis. Surgical Endoscopy. 2022;36;1827-1837	5
697	M. A. Dewulf, L.Nachtergaele, F.Pletinckx, P.Muysoms, F., Robotic-assisted laparoscopic inguinal hernia repair after previous transabdominal prostatectomy. Surgical Endoscopy. 2022;36;2105-2112	5
698	G. C. B. Collins, T. A.Bercu, Z. L.Desai, J. P.Lindsey, B. D., Dual-Resonance (16/32 MHz) Piezoelectric Transducer With a Single Electrical Connection for Forward-Viewing Robotic Guidewire. IEEE Transactions on Ultrasonics Ferroelectrics & Frequency Control. 2022;69;1428-1441	7
699	J. F. Qian, C.Ge, P.Zhang, R. J.Song, P. W.Xu, P.Zhang, Y.Shen, C. L., Efficacy and Safety of Establishing an Optimal Path Through Unilateral Pedicle Under the Assistance of Surgical Robot in Percutaneous Kyphoplasty. Pain Physician. 2022;25;E133-E140	5
700	M. O. Amenta, F.Barone, B.Corsaro, A.Arcaniolo, D.Scarpato, A.Mattiello, G.Romano, L.Sciorio, C.Silvestri, T.Costa, G.Crocetto, F.Celia, A., Minimally invasive simple prostatectomy: Robotic-assisted versus laparoscopy. A comparative study. Archivio Italiano di Urologia, Andrologia. 2022;94;37-40	13
701	D. W. Zhang, C.Wang, T.Du, R.Li, K.Yang, M.Xue, G.Dionigi, G.Sun, H., Clinical Experience of Use of Percutaneous Continuous Nervemonitoring in Robotic Bilateral Axillo-Breast Thyroid Surgery. Frontiers in Endocrinology. 2021;12;817026	5
702	A. S. A. Joshi, A. D.Auch, B.Khosla, K.Mendana, J. B.Liu, K.Bischof, J.Gohl, D. M.Kodandaramaiah, S. B., Multiscale, multi-perspective imaging assisted robotic microinjection of 3D biological structures. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4844-4850	7
703	A. S. C. Ding, S.Razavi, C. R.Li, Z.Taylor, R. H.Carey, J. P.Creighton, F. X., Volumetric Accuracy Analysis of Virtual Safety Barriers for Cooperative-Control Robotic Mastoidectomy. Otology & Neurotology. 2021;42;e1513-e1517	7
704	I. G. T. Tzvetanov, K. A.Di Cocco, P.Spaggiari, M.Benedetti, E., Robotic Kidney Transplant: The Modern Era Technical Revolution. Transplantation. 2022;106;479-488	8
705	F. L. van Zanten, E.Broeders, IamjSchraffordt Koops, S. E., Robot-assisted sacrocolpopexy: not only for vaginal vault suspension? An observational cohort study. International Urogynecology Journal. 2022;33;377-384	4
706	K. A. W. Ross, D. H.Long, W. J.Schwarzkopf, R., The Use of Computer Navigation and Robotic Technology in Complex Total Knee Arthroplasty. JBJS Reviews. 2021;9;e20.00200	5
707	G. A. T. Gorchev, S. T.Kiprova, D. K.Lyubenov, A. D.Hinkova, N.Tomova, V. D.Ahmad, S., Analysis of abdominal vs. robotic radical hysterectomies for patients with cervical cancer: a Bulgarian experience. Journal of Robotic Surgery. 2022;16;339-352	13
708	T. A. Paolucci, F.Mangone, M.Bernetti, A.Pezzi, L.Liotti, V.Recubini, E.Cantarella, C.Bellomo, R. G.D'Aurizio, C.Saggini, R., Robotic rehabilitation for end-effector device and botulinum toxin in upper limb rehabilitation in chronic post-stroke patients: an integrated rehabilitative approach. Neurological Sciences. 2021;42;5219-5229	2

709	L. J. Gietelink, B. H. E.Oprea-Lager, D. E.Nieuwenhuijzen, J. A.Vis, A. N., Preoperative multiparametric MRI does not lower positive surgical margin rate in a large series of patients undergoing robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2022;16;273-278	2
710	K. K. G. Modig, R. A.Bjartell, A.Carlsson, S.Haglind, E.Hugosson, J.Mansson, M.Steineck, G.Thorsteinsdottir, T.Tyritzis, S.Lantz, A. W.Wiklund, P.Stranne, J., Vesicourethral Anastomotic Stenosis After Open or Robot-assisted Laparoscopic Retropubic Prostatectomy-Results from the Laparoscopic Prostatectomy Robot Open Trial. European Urology Focus. 2021;7;317-324	12
711	G. M. Margue, C.Allenet, C.Dupitout, L.Ricard, S.Jambon, E.Blanc, P.Alezra, E.Estrade, V.Capon, G.Bladou, F.Robert, G.Grenier, N.Bernhard, J. C., Feasibility of salvage robotic partial nephrectomy after ablative treatment failure (UroCCR-62 study). Minerva Urology and Nephrology. 2022;74;209-215	5
712	A. T. O. Beksac, K. E.Abou Zeinab, M.Harrison, B.Stifelman, M. D.Eun, D. D.Abaza, R.Badani, K. K.Kaouk, J. H., Robotic partial nephrectomy for management of renal mass in patients with a solitary kidney: can we expand the indication to T2 and T3 disease?. Minerva Urology and Nephrology. 2022;74;203-208	13
713	R. G. Campi, A. A.Lane, B. R.D. E. Cobelli OSanguedolce, F.Hatzichristodoulou, G.Antonelli, A.Noyes, S.D. I. Maida FMari, A.Rodriguez-Faba, O.Keeley, F. X.Langenhuijsen, J.Musi, G.Klatte, T.Roscigno, M.Akdogan, B.Furlan, M.Karakoyunlu, N.Marszalek, M.Capitanio, U.Volpe, A.Brookman-May, S.Gschwend, J. E.Smaldone, M. C.Uzzo, R. G.Kutikov, A.Minervini, A.S. I. B. International Consortium, Impact of Trifecta definition on rates and predictors of "successful" robotic partial nephrectomy for localized renal masses: results from the Surface-Intermediate-Base Margin Score International Consortium. Minerva Urology and Nephrology. 2022;74;186-193	5
714	M. S. Zhang, C.Liu, Y.Wu, X., A Robotic System to Deliver Multiple Physically Bimanual Tasks via Varying Force Fields. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2022;30;688-698	7
715	J. M. Noel, M. C.Sandri, M.Bhat, S.Rogers, T.Reddy, S.Corder, C.Patel, V., Patient surgical satisfaction after da Vinci^R single-port and multi-port robotic-assisted radical prostatectomy: propensity score-matched analysis. Journal of Robotic Surgery. 2022;16;473-481	3
716	M. J. V. Hagens, H.de Ligt, K. M.Tillier, C. N.van Leeuwen, P. J.van Moorselaar, R. J. A.van der Poel, H. G., Functional outcomes rather than complications predict poor health-related quality of life at 6 months after robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2022;16;453-462	5
717	L. K. Prokhorenko, D.Vorotnikov, A.Mishchenkov, D.Poduraev, Y., The concept of spatial motion restriction zones in a robot-assisted surgical system. Journal of Robotic Surgery. 2022;16;445-452	5
718	N. M. Ahmadi, I.Warner, R., Comparison of outcome and costs of robotic and laparoscopic right hemicolectomies. Journal of Robotic Surgery. 2022;16;429-436	12
719	S. I. K. Delgado, T.Turrentine, M. A.Sangi-Haghpeykar, H.Guan, X., Postoperative opioid use for patients with chronic pelvic pain undergoing robotic surgery for resection of endometriosis. Journal of Robotic Surgery. 2022;16;421-427	2
720	A. R. Jarocki, D.Kent, M.Oh, D.Lin, J.Reddy, R. M., Validity of robotic simulation for high-stakes examination: a pilot study. Journal of Robotic Surgery. 2022;16;409-413	2
721	N. B. Liakos, B.Ohlmann, C.Schoeb, D.Wiesinger, C. G.Borgmann, H., Potential for optimizing the perioperative care in robotic prostatectomy patients by adoption of enhanced recovery after surgery principles. Journal of Robotic Surgery. 2022;16;415-419	2

722	H. W. Aziz, J. C.Genyk, Y.Sheikh, M. R., Comprehensive analysis of laparoscopic, robotic, and open hepatectomy outcomes using the nationwide readmissions database. Journal of Robotic Surgery. 2022;16;401-407	12
723	A. K. W. Gergen, B. M.White, A. M.Mitchell, J. D.Meguid, R. A.Scott, C. D.Weyant, M. J., Introduction of robotic surgery does not negatively affect cardiothoracic surgery resident experience. Journal of Robotic Surgery. 2022;16;393-400	2
724	X. L. Pereira, D. L.Friedmann, P.Romero-Velez, G.Mandujano, C. C.Ramos-Santillan, V.Garcia-Cabrera, A.Malcher, F., Robotic abdominal wall repair: adoption and early outcomes in a large academic medical center. Journal of Robotic Surgery. 2022;16;383-392	5
725	O. S. Bellorin, J. C.Cruz, M. V.Alt, R.Dakin, G.Afaneh, C., A cost analysis of two- versus three-instrument robotic-assisted inguinal hernia repair with mesh: time is money. Journal of Robotic Surgery. 2022;16;377-382	3
726	G. J. K. Nason, K.Anson-Cartwright, L.Jewett, M. A. S.O'Malley, M.Sweet, J.Hansen, A.Bedard, P.Chung, P.Hahn, E.Warde, P.Hamilton, R. J., Robotic retroperitoneal lymph node dissection for primary and post-chemotherapy testis cancer. Journal of Robotic Surgery. 2022;16;369-375	5
727	N. J. Vaidya, T. N.Panjwani, T.Patil, R.Deshpande, A.Kesarkar, A., Assessment of accuracy of an imageless hand-held robotic-assisted system in component positioning in total knee replacement: a prospective study. Journal of Robotic Surgery. 2022;16;361-367	5
728	Y. M. C. Park, E. C.Kim, S. H.Koh, Y. W., Recent progress of robotic head and neck surgery using a flexible single port robotic system. Journal of Robotic Surgery. 2022;16;353-360	5
729	S. K. C. Dabas, Y.Sharma, A.Shukla, H.Ranjan, R.Gurung, B.Padhiari, R.Subash, A., Robotic transoral approach for salvage retropharyngeal node dissection: an analysis of functional and oncological outcomes. Journal of Robotic Surgery. 2022;16;333-338	5
730	T. T. Sueda, M.Nishida, K.Yoshikawa, Y.Matsumura, T.Koga, C.Wakasugi, M.Miyagaki, H.Kawabata, R.Tsujie, M.Hasegawa, J., Short-term outcomes of robotic-assisted versus conventional laparoscopic-assisted surgery for rectal cancer: a propensity score-matched analysis. Journal of Robotic Surgery. 2022;16;323-331	12
731	S. A. J. Ansari, M. A.Hedayat, F.Harris, C.Gill, M.Sheikh, A., Real-world comparison of curative open, laparoscopic and robotic resections for sigmoid and rectal cancer-single center experience. Journal of Robotic Surgery. 2022;16;315-321	12
732	L. B. Horodyski, B.Emile, C.Rhodes, A.Miao, F.Reis, I. M.Carrasquillo, M. Z.Livingstone, J.Matadial, C.Ritch, C. R.Deane, L. A., Safe transition to opioid-free pathway after robotic-assisted laparoscopic prostatectomy. Journal of Robotic Surgery. 2022;16;307-314	2
733	V. S. Ganesan, R. L.Garbens, A.Trivedi, H.Sorokin, I.Roehrborn, C. A.Johnson, B. A.Gahan, J. C., Single-port robotic-assisted simple prostatectomy is associated with decreased post-operative narcotic use in a propensity score matched analysis. Journal of Robotic Surgery. 2022;16;295-300	5
734	E. T. Hannan, A.Feeney, G.Ullah, M. F.Ryan, C.McNamara, E.Coffey, J. C.Peirce, C., The impact of body mass index on outcomes in robotic colorectal surgery: a single-centre experience. Journal of Robotic Surgery. 2022;16;279-285	5
735	K. M. R. Salmon, C.Cognetti, D. M.Curry, J. M.Luginbuhl, A. J.Bar-Ad, V.Leiby, B. E., Functional Swallow-Related Outcomes Following Transoral Robotic Surgery for Base of Tongue Carcinoma. Dysphagia. 2022;37;28-36	1
736	X. Z. Wang, Z.Chen, M.Huang, S.Lu, X.Huang, Y.Chi, P., Chylous ascites has a higher incidence after robotic surgery and is associated with poor recurrence-free survival after rectal cancer surgery. Chinese Medical Journal. 2021;135;164-171	5

737	D. I. de Luis, O.Primo, D.Pacheco, D., The gene variant rs2419621 of ACYL-CoA synthetase long-chain 5 gene is associated with weight loss and metabolic changes in response to a robotic sleeve gastrectomy in morbid obese subjects. European Review for Medical & Pharmacological Sciences. 2021;25;7037-7043	2
738	F. T. Selvaggi, D. C.Panaccio, P.Rossi, S.Raimondi, P.Ciampaglia, M.Mazzola, L.Cotellese, R., Minimally invasive distal pancreatectomy: mapping surgical maneuvers towards operative standardization. Annali Italiani di Chirurgia. 2022;92;122-129	8
739	D. P. Amparore, F.De Cillis, S.Verri, P.Piana, A.Pecoraro, A.Burgio, M.Manfredi, M.Carbonara, U.Marchioni, M.Campi, R.Fiori, C.Checcucci, E.Porpiglia, F.Renal Cancer Working Group of the Young Academic, UrologistsEuropean Association of, Urology, Robotic partial nephrectomy in 3D virtual reconstructions era: is the paradigm changed?. World Journal of Urology. 2022;40;659-670	8
740	Y. L. Zheng, G.Zeh, H.Fey, A. M., Frame-wise detection of surgeon stress levels during laparoscopic training using kinematic data. International Journal of Computer Assisted Radiology & Surgery. 2022;17;785-794	2
741	T. A. Ose, J. A.Ohno, M.Frey, S.Uematsu, A.Kawasaki, A.Takeda, C.Hori, Y.Nishigori, K.Nakako, T.Yokoyama, C.Nagata, H.Yamamori, T.Van Essen, D. C.Glasser, M. F.Watabe, H.Hayashi, T., Anatomical variability, multi-modal coordinate systems, and precision targeting in the marmoset brain. Neuroimage. 2022;250;118965	8
742	Y. H. Yang, S.Sang, H.Liu, F., Preoperative planning method based on a MOPSO algorithm for robot-assisted cholecystectomy. International Journal of Computer Assisted Radiology & Surgery. 2022;17;731-744	7
743	A. U. Fujihara, O., Virtual reality of three-dimensional surgical field for surgical planning and intraoperative management. World Journal of Urology. 2022;40;687-696	8
744	H. C. Kim, S. H.Jang, J. Y.Choi, M.Lee, J. H.Kang, C. M., Multicenter comparison of totally laparoscopic and totally robotic pancreaticoduodenectomy: Propensity score and learning curve-matching analyses. Journal of Hepato-biliary-pancreatic Sciences. 2022;29;311-321	12
745	A. S. Padoa, Y.Fligelman, T.Tomashev, R.Tsviban, A.Smorgick, N., Advanced Cystocele is a Risk Factor for Surgical Failure after Robotic-assisted Laparoscopic Sacrocolpopexy. Journal of Minimally Invasive Gynecology. 2022;29;409-415	5
746	H. S. K. Kim, H.Han, Y.Lee, M.Kang, Y. H.Sohn, H. J.Kang, J. S.Kwon, W.Jang, J. Y., ROBOT-assisted pancreatoduodenectomy in 300 consecutive cases: Annual trend analysis and propensity score-matched comparison of perioperative and long-term oncologic outcomes with the open method. Journal of Hepato-biliary-pancreatic Sciences. 2022;29;301-310	5
747	A. B. Lantz, D.Akre, O.Angenete, E.Bjartell, A.Carlsson, S.Modig, K. K.Nyberg, M.Kollberg, K. S.Steineck, G.Stranne, J.Wiklund, P.Haglind, E., Functional and Oncological Outcomes After Open Versus Robot-assisted Laparoscopic Radical Prostatectomy for Localised Prostate Cancer: 8-Year Follow-up. European Urology. 2021;80;650-660	12
748	J. A. Correa, C.Stuparich, M.Nahas, S.Cheung, C.Behbehani, S., Malfunction Events in the US FDA MAUDE Database: How Does Robotic Gynecologic Surgery Compare with Other Specialties?. Journal of Minimally Invasive Gynecology. 2022;29;300-307.e1	5
749	S. K. Kasai, H.Shiomi, A.Hino, H.Manabe, S.Yamaoka, Y.Kato, S.Hanaoka, M.Kinugasa, Y., Advantages of robotic abdominoperineal resection compared with laparoscopic surgery: a single-center retrospective study. Surgery Today. 2022;52;643-651	12

750	R. O. Melnyk, D.Ghazi, A. E., How specific are patient-specific simulations? Analyzing the accuracy of 3D-printing and modeling to create patient-specific rehearsals for complex urological procedures. World Journal of Urology. 2022;40;621-626	7
751	K. B. Bixel, D. A.Vetter, M. H.Suarez, A. A.Felix, A. S., Determinants of Surgical Approach and Survival Among Women with Endometrial Carcinoma. Journal of Minimally Invasive Gynecology. 2022;29;219-230	2
752	C. R. Andolfi, V. M.Galansky, L.Gundeti, M. S., Infant Robot-assisted Laparoscopic Pyeloplasty: Outcomes at a Single Institution, and Tips for Safety and Success. European Urology. 2021;80;621-631	5
753	B. C. S. Thomas, M.Hussain, M.Barber, N.Pradhan, A.Dinneen, E.Stewart, G. D., Preclinical Evaluation of the Versius Surgical System, a New Robot-assisted Surgical Device for Use in Minimal Access Renal and Prostate Surgery. European Urology Focus. 2021;7;444-452	7
754	P. M. Dell'Oglio, E.Lambert, E.Vollemaere, J.Goossens, M.Larcher, A.Van Der Jeugt, J.Devos, G.Poelaert, F.Uvin, P.Collins, J.De Naeyer, G.Schatteman, P.D'Hondt, F.Mottrie, A., The Effect of Surgical Experience on Perioperative and Oncological Outcomes After Robot-assisted Radical Cystectomy with Intracorporeal Urinary Diversion: Evidence from a Referral Centre with Extensive Experience in Robotic Surgery. European Urology Focus. 2021;7;352-358	5
755	C. A. L. Bravi, A.Capitanio, U.Mari, A.Antonelli, A.Artibani, W.Barale, M.Bertini, R.Bove, P.Brunocilla, E.Da Pozzo, L.Di Maida, F.Fiori, C.Gontero, P.Li Marzi, V.Longo, N.Mirone, V.Montanari, E.Porpiglia, F.Schiavina, R.Schips, L.Simeone, C.Siracusano, S.Terrone, C.Trombetta, C.Volpe, A.Montorsi, F.Ficarra, V.Carini, M.Minervini, A., Perioperative Outcomes of Open, Laparoscopic, and Robotic Partial Nephrectomy: A Prospective Multicenter Observational Study (The RECORd 2 Project). European Urology Focus. 2021;7;390-396	13
756	C. Z. Li, Z.Wang, G.Rong, C.Zhu, W.Lu, X.Liu, Y.Zhang, H., Accuracies of bone resection, implant position, and limb alignment in robotic-arm-assisted total knee arthroplasty: a prospective single-centre study. Journal of Orthopaedic Surgery. 2022;17;61	5
757	I. O. Ninomiya, K.Yamaguchi, T.Saito, H.Terai, S.Moriyama, H.Kinoshita, J.Fushida, S., Optimization of robot-assisted thoracoscopic esophagectomy in the lateral decubitus position. Esophagus. 2021;18;482-488	3
758	H. O. Daiko, J.Fujiwara, H.Ishiyama, K.Kurita, D.Sato, K.Fujita, T., Robotic esophagectomy with total mediastinal lymphadenectomy using four robotic arms alone in esophageal and esophagogastric cancer (RETML-4): a prospective feasibility study. Esophagus. 2021;18;203-210	5
759	S. O. Tsunoda, K.Hisamori, S.Hashimoto, K.Nishigori, T.Sakai, Y., Simple technique of azygos arch division and retraction for minimally invasive esophagectomy. Esophagus. 2021;18;169-172	8
760	J. L. Moon, J.Lee, D. W.Shin, H. J.Lee, S.Kang, Y.Kim, N. Y.Park, H. S., Impact of Body Composition on Postoperative Outcomes in Patients Undergoing Robotic Nipple-Sparing Mastectomy with Immediate Breast Reconstruction. Current Oncology. 2022;29;350-359	5
761	C. H. Haudebert, J.Freton, L.Khene, Z. E.Dosin, G.Voiry, C.Samson, E.Richard, C.Neau, A. C.Drouet, A.Mathieu, R.Bensalah, K.Verhoest, G.Manunta, A.Peyronnet, B., Cystectomy and ileal conduit for neurogenic bladder: Comparison of the open, laparoscopic and robotic approaches. Neurourology & Urodynamics. 2022;41;601-608	12
762	M. F. Morino, E.Arezzo, A., Initial clinical experience with a novel flexible endoscopic robot for transanal surgery. Techniques in Coloproctology. 2022;26;301-308	5

763	R. M. F. Jimenez-Rodriguez, J.Patil, S.Widmar, M.Quezada-Diaz, F.Lynn, P.Strombom, P.Temple, L.Smith, J. J.Wei, I. H.Pappou, E. P.Guillem, J. G.Paty, P. P.Nash, G. M.Weiser, M. R.Garcia-Aguilar, J., Comparing outcomes of robotic versus open mesorectal excision for rectal cancer. Bjs Open. 2021;5;9	12
764	D. A. Garcia, O. O.De Biase, G.Sousa-Pinto, B.Jerreld, D. J.Dholakia, R.Borah, B.Nottmeier, E.Deen, H. G.Fox, W. C.Bydon, M.Chen, S.Quinones-Hinojosa, A.Abode-Iyamah, K., Robotic-Assisted vs Nonrobotic-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Cost-Utility Analysis. Neurosurgery. 2022;90;192-198	4
765	P. S. Rouanet, M.Jarlier, M.Bugnon, C.Carrier, G.Mourregot, A.Colombo, P. E.Taoum, C., Tailored Management with Highly-Selective Diversion for Low Colorectal Anastomosis: Biochemical Postoperative Follow-Up and Long-Term Results from a Single-Institution Cohort. Annals of Surgical Oncology. 2022;29;2514-2524	5
766	H. K. Otaola-Arca, A.Bermudez, H.Lyng, R.Orvieto, M.Bustamante, A.Stein, C.Labra, A.Schultz, M.Fernandez, M. I., Long-Term Oncological and Functional Outcomes After Robot-Assisted Partial Nephrectomy for Clinically Localized Renal Cell Carcinoma. Annals of Surgical Oncology. 2022;29;2484-2494	5
767	Y. K. Ishiyama, T.Ishihara, H.Yoshida, K.Iizuka, J.Tanabe, K.Takagi, T., Association between Ureteral Clamping Time and Acute Kidney Injury during Robot-Assisted Radical Cystectomy. Current Oncology. 2021;28;4986-4997	13
768	K. E. M.-K. Laitakari, J. K.Kossi, J.Kairaluoma, M.Koivurova, S.Pollari, L.Ohtonen, P.Rautio, T. T., Mid-term functional and quality of life outcomes of robotic and laparoscopic ventral mesh rectopexy: multicenter comparative matched-pair analyses. Techniques in Coloproctology. 2022;26;253-260	12
769	S. M. K. Rusli, J. S.Choo, J. M.Cheong, J. Y.Piozzi, G. N.Kim, S. H., Robotic-assisted mesh pelvic closure for prevention of small bowel descent after surgery for recurrent rectal cancer. Techniques in Coloproctology. 2022;26;309-310	8
770	R. Chmel, Jr.Pastor, Z.Novackova, M.Chmel, R., Robot-assisted donor hysterectomy in uterus transplantation - a modality to increase reproducibility. Ginekologia Polska. 2021;92;528-531	8
771	N. H. Jebens Nordskar, B.V. Vesterfjell ESalvesen, O.Aune, G., Long-term outcome in endometrial cancer patients after robot-assisted laparoscopic surgery with sentinel lymph node mapping. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2022;271;77-82	5
772	S. B. I. Shafiei, U.Hussein, A. A.Guru, K. A., Utilizing deep neural networks and electroencephalogram for objective evaluation of surgeon's distraction during robot-assisted surgery. Brain Research. 2021;1769;147607	2
773	O. B. Ozen, K. A.Marchal-Crespo, L., Towards functional robotic training: motor learning of dynamic tasks is enhanced by haptic rendering but hampered by arm weight support. Journal of Neuroengineering & Rehabilitation. 2022;19;19	1
774	D. H. L. Kim, K. D.Bulea, T. C.Park, H. S., Increasing motor cortex activation during grasping via novel robotic mirror hand therapy: a pilot fNIRS study. Journal of Neuroengineering & Rehabilitation. 2022;19;8	2
775	C. Y. L. Kuo, C. W.Lai, C. H.Kang, J. H.Tseng, S. H.Su, E. C., Prediction of robotic neurorehabilitation functional ambulatory outcome in patients with neurological disorders. Journal of Neuroengineering & Rehabilitation. 2021;18;174	2
776	C. M. Fanciullacci, Z.Monaco, V.Milandri, G.Davalli, A.Sacchetti, R.Laffranchi, M.De Michieli, L.Baldoni, A.Mazzoni, A.Paterno, L.Rosini, E.Reale, L.Trecate, F.Crea, S.Vitiello, N.Gruppioni, E., Survey of transfemoral amputee experience and priorities for the user-centered design of powered robotic transfemoral prostheses. Journal of Neuroengineering & Rehabilitation. 2021;18;168	2

777	G. F. Orekhov, Y.Cuddeback, C. F.Lerner, Z. F., Usability and performance validation of an ultra-lightweight and versatile untethered robotic ankle exoskeleton. Journal of Neuroengineering & Rehabilitation. 2021;18;163	2
778	H. K. S. Beck, J. T.Clemente, C. J., A bio-inspired robotic climbing robot to understand kinematic and morphological determinants for an optimal climbing gait. Bioinspiration & Biomimetics. 2021;17;16	2
779	Y. L. Ozkan-Aydin, B.Ferrero, A. C.Seidel, M.Hammond, F. L., 3rdGoldman, D. I., Lateral bending and buckling aids biological and robotic earthworm anchoring and locomotion. Bioinspiration & Biomimetics. 2021;17;30	2
780	X. W. Zheng, W.Li, L.Xie, G., Artificial lateral line based relative state estimation between an upstream oscillating fin and a downstream robotic fish. Bioinspiration & Biomimetics. 2020;16;30	7
781	T. T. Hatayama, R.Mochizuki, H.Mita, K., Comparison of surgical outcomes and split renal function between laparoscopic and robot-assisted partial nephrectomy: a propensity score-matched analysis. International Urology & Nephrology. 2022;54;805-811	13
782	J. T.-A. Koskinen, M.Hussein, A.Huotarinen, A.Bednarik, R., Automated tool detection with deep learning for monitoring kinematics and eye-hand coordination in microsurgery. Computers in Biology & Medicine. 2022;141;105121	2
783	F. D. Derigs, S.Tollens, F.Norenberg, D.Neuberger, M.von Hardenberg, J.Michel, M. S.Ritter, M.Westhoff, N., A prospective study on inter-operator variability in semi-robotic software-based MRI/TRUS-fusion targeted prostate biopsies. World Journal of Urology. 2022;40;427-433	2
784	I. J. Sucandy, F.Syblis, C.Crespo, K.App, S.Ross, S.Rosemurgy, A., Robotic Versus Open Extrahepatic Biliary Reconstruction for Iatrogenic Bile Duct Injury. American Surgeon. 2022;88;345-347	8
785	F. K. S. Yilmazel, E.Cinislioglu, A. E.Tor, I. H.Akkas, F.Bedir, F.Karabulut, I.Aydin, H. R.Adanur, S.Polat, O., Comparison of Perioperative, Oncological, and Functional Outcomes of Three-Dimensional Versus Robot-Assisted Laparoscopic Radical Prostatectomy: A Preliminary Study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2022;32;304-309	12
786	J. K. D. Scott, J. E., Robotic-Assisted Partial Gastrectomy of a Gastric Schwannoma. American Surgeon. 2022;88;542-543	11
787	J. K. Kuroda, G., Sensing Control Parameters of Flute from Microphone Sound Based on Machine Learning from Robotic Performer. Sensors. 2022;22;7	7
788	X. Y. Cui, M.Wu, L.Wu, S., A 6D Pose Estimation for Robotic Bin-Picking Using Point-Pair Features with Curvature (Cur-PPF). Sensors. 2022;22;24	7
789	T. M. Fiumalbi, E.Papapicco, V.Dell'Agnello, F.Mazzarini, A.Baldoni, A.Gruppioni, E.Crea, S.Vitiello, N., A Multimodal Sensory Apparatus for Robotic Prosthetic Feet Combining Optoelectronic Pressure Transducers and IMU. Sensors. 2022;22;23	2
790	D. O. Yakar, Y. P.Kwee, T. C.Haan, M., Do People Favor Artificial Intelligence Over Physicians? A Survey Among the General Population and Their View on Artificial Intelligence in Medicine. Value in Health. 2022;25;374-381	2
791	V. R. E. Dhere, C. E.Tian, S.Switchenko, J. M.Bell, J. P.Stokes, W. A.McDonald, M. W.Magliocca, K. R.Boyce, B. J.Kaka, A. S.Steuer, C. E.Saba, N. F.Shin, D. M.Xiao, C.Patel, M. R.Beitler, J. J., The omission of intentional primary site radiation following transoral robotic surgery in 59 patients: No local-regional failures. Head & Neck. 2022;44;382-390	2

792	G. G. Ploussard, A.Barret, E.Beauval, J. B.Brureau, L.Crehange, G.Dariane, C.Fiard, G.Fromont, G.Gauthe, M.Mathieu, R.Renard-Penna, R.Roubaud, G.Ruffion, A.Sargos, P.Roupret, M.Lequeu, C. E.Cc-Afu, Cancerology Committee of the Association Francaise d'Urologie, Annual nationwide analysis of costs and post-operative outcomes after radical prostatectomy according to the surgical approach (open, laparoscopic, and robotic). World Journal of Urology. 2022;40;419-425	12
793	J. R. P. Oliver, M. J.Wang, B.Duvvuri, U.Gross, N. D.Vaezi, A. E.Morris, L. G. T.Givi, B., Transoral robotic surgery adoption and safety in treatment of oropharyngeal cancers. Cancer. 2022;128;685-696	5
794	A. E. S. Phillips, J. L.Amin, A.Wijkstrom, M.Zureikat, A.Tillman, E.Jones, R.Patel, S.Fehrman, N.Starinsky, S.Nalitt, H.Yadav, D.Slivka, A.Bellin, M. D.Carroll, A.Humar, A., Psychosocial outcomes 1-year post total pancreatectomy and autologous islet cell transplant. Pediatric Transplantation. 2022;26;e14167	2
795	M. B. D. Torres, M. B.Gusani, N. J.Peng, J. S., Robotic Excision of a Duodenal Gastrointestinal Stromal Tumor. Annals of Surgical Oncology. 2021;28;8977-8978	11
796	A. F. K. Gokmen Karasu, G.Sanlikan, F., Intraoperative Complications and Conversion to Laparatomy in Gynecologic Robotic Surgery. Journal of Investigative Surgery. 2022;35;912-915	5
797	Y. S. Peng, C. M.Kawazoe, A.Shao, Y.Gutierrez, K.Hill, C. N.Santos, V. J.Visell, Y.Hsiao, L. C., Elastohydrodynamic friction of robotic and human fingers on soft micropatterned substrates. Nature Materials. 2021;20;1707-1711	7
798	H. G. M. W. Vaassen, B.Geelkerken, R. H.Lips, D. J., Fluorescence-Based Quantification of Gastrointestinal Perfusion: A Step Towards an Automated Approach. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2022;32;293-298	7
799	S. E. Tas, A. E.Islamoglu, E.Polat, S.Ates, M.Savas, M., Should Peritoneal Re-Approximation Be Performed After Transperitoneal Robot-Assisted Radical Prostatectomy?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2022;32;265-269	3
800	A. K. Neheman, E.VanderBrink, B. A.Minevich, E. A.Noh, P. H., Outpatient Robotic Surgery in Pediatric Urology: Assessment of Feasibility and Short-Term Safety. Journal of Urology. 2022;207;894-900	5
801	A. G. Blazevski, W.Scheltema, M. J.Amin, A.Geboers, B.Barreto, D.Haynes, A. M.Shnier, R.Delprado, W.Agrawal, S.Thompson, J. E.Stricker, P. D., Salvage robot-assisted radical prostatectomy following focal ablation with irreversible electroporation: feasibility, oncological and functional outcomes. BMC Urology. 2022;22;28	5
802	B. J. K. Han, B. S.Holden, S. E.Majumder, A.Blatnik, J. A., Transversus abdominis release with posterior component separation in patients with previously recurrent ventral hernias: A single institution experience. Surgery. 2022;171;806-810	5
803	N. D. Hafeez, X.Boulgouris, N.Begg, P.Irving, R.Coulson, C.Tourrel, G., Electrical impedance guides electrode array in cochlear implantation using machine learning and robotic feeder. Hearing Research. 2021;412;108371	2
804	D. S. Itzkovich, Y.Jarc, A.Refaely, Y.Nisky, I., Generalization of Deep Learning Gesture Classification in Robotic-Assisted Surgical Data: From Dry Lab to Clinical-Like Data. IEEE Journal of Biomedical & Health Informatics. 2022;26;1329-1340	1
805	T. M. Bacek, M.Serrien, B.Langlois, K.Vanderborght, B.Lefeber, D.Rodriguez-Guerrero, C., Human Musculoskeletal and Energetic Adaptations to Unilateral Robotic Knee Gait Assistance. IEEE Transactions on Biomedical Engineering. 2022;69;1141-1150	2
806	B. S. H. Kushner, B.Holden, S. E.Majumder, A.Blatnik, J. A., Does immunosuppression increase perioperative wound morbidity in patients undergoing transversus abdominis release?. Surgery. 2022;171;811-817	3

807	A. M. F.-L. D. A. S. Schmiederer ITorices-Dardon, E.Villani, V.N. Lau JM. Foglia C, Developing a Robotic General Surgery Training Curriculum: Identifying Key Elements Through a Delphi Process. Journal of Surgical Education. 2021;78;e129-e136	2
808	G. P. Rosiello, P.Tames, V.Farinha, R.Paludo, A.Puliatti, S.Amato, M.Mazzone, E.De Groote, R.Berquin, C.Develtere, D.Veys, R.Sinatti, C.Schiavina, R.De Naeyer, G.Schatteman, P.Carpentier, P.Montorsi, F.D'Hondt, F.Mottrie, A., The Impact of Previous Prostate Surgery on Surgical Outcomes for Patients Treated with Robot-assisted Radical Cystectomy for Bladder Cancer. European Urology. 2021;80;358-365	5
809	J. O. Daza, K. E.Ige, O.Elbakry, A.Sfakianos, J. P.Abaza, R.Bhandari, A.Eun, D. D.Hemal, A. K.Porter, J.Badani, K. K., The role of RENAL score in predicting complications after robotic partial nephrectomy. Minerva Urology and Nephrology. 2022;74;57-62	2
810	S. H. Azargoshasb, K. H. M.Roos, P. R.van Leeuwen, S. I.Boonekamp, M.Mazzone, E.Bauwens, K.Dell'Oglio, P.van Leeuwen, F. W. B.van Oosterom, M. N., Optical Navigation of the Drop-In gamma-Probe as a Means to Strengthen the Connection Between Robot-Assisted and Radioguided Surgery. Journal of Nuclear Medicine. 2021;62;1314-1317	7
811	P. V. M. Ritschl, H. K.Hillebrandt, K.Timmermann, L.Felsenstein, M.Benzing, C.Globke, B.Ollinger, R.Schoning, W.Schmelzle, M.Pratschke, J.Malinka, T., Feasibility of robotic-assisted pancreatic resection in patients with previous minor abdominal surgeries: a single-center experience of the first three years. BMC Surgery. 2022;22;86	5
812	L. J. P. Brattain, T. T.Gjesteby, L. A.Johnson, M. R.DeLosa, N. D.Werblin, J. S.Gupta, J. F.Ozturk, A.Wang, X.Li, Q.Telfer, B. A.Samir, A. E., AI-Enabled, Ultrasound-Guided Handheld Robotic Device for Femoral Vascular Access. Biosensors. 2021;11;18	7
813	M. A. Ezer, T. B.Huri, E., Urologic Surgery in Digital Era: Foresights and Futuristic Approach. Balkan Medical Journal. 2021;38;324-330	8
814	J. R. C. Shinn, R. M.Mady, L. J.Shimunov, D.Parhar, H. S.Cannady, S. B.Rajasekaran, K.Lukens, J. N.Lin, A.Swisher-McClure, S.Cohen, R. B.Bauml, J. M.Rassekh, C. H.Newman, J. G.Chalian, A. A.Basu, D.Weinstein, G. S.Brody, R. M., Sex-based differences in outcomes among surgically treated patients with HPV-related oropharyngeal squamous cell carcinoma. Oral Oncology. 2021;123;105570	5
815	Y. A. Bozkurt, M.Pisters, L. L., Early Experience with Salvage Robotic-Assisted Radical Prostatectomy in Proton Beam Radiotherapy Failures. Balkan Medical Journal. 2021;38;310-315	5
816	A. F. Arezzo, E.Morino, M., Robotic endoscopic submucosal dissection and full-thickness excision for laterally spreading tumors of the rectum. Minimally Invasive Therapy & Allied Technologies: Mitat. 2022;31;377-379	8
817	M. B. Rade, D.Sherman, J.Nepomnayshy, D., Evaluation of a stand-alone robotic camera holding system: technology that improves laparoscopy. Minimally Invasive Therapy & Allied Technologies: Mitat. 2022;31;404-409	2
818	B. R. Karasin, G.Hardinge, T.Grzelak, M.Eskuchen, L.Watkinson, J., Robotic-Assisted Lumbar Fusion: An Effective Technique for Pedicle Screw Placement. AORN Journal. 2022;115;251-260	8
819	C. Lawrence, The Role of the Robotics Coordinator: Improving Efficiency in a Robotic Surgery Program. AORN Journal. 2022;115;239-249	2
820	A. E. K. Hebert, U. S.Yankovsky, A.Guo, D.Li, Y.Lee, S. H.Liu, Y.Soito, A. B.Massachi, S.Slee, A. E., Methodology to standardize heterogeneous statistical data presentations for combining time-to-event oncologic outcomes. PLoS ONE [Electronic Resource]. 2022;17;e0263661	2

821	G. D. Z. Zhao, X. P.Hu, M. G.Huang, Q. B.Xu, S.Wang, B. J.Ma, X.Zhang, X.Zou, W. B.Zhang, X.Zhao, Z. M.Tan, X. L.Chou, S.Wang, G.Liu, R., Step-by-step and orderly lowering of the height of inferior vena cava tumor thrombus is the key to robot-assisted thrombectomy for Mayo III/IV tumor thrombus. BMC Cancer. 2022;22;151	5
822	A. G. Araguas, B.Gauthier, P.Richer, F.Montone, G.Chopin, A.Deregnaucourt, S., Design of a robotic zebra finch for experimental studies on developmental song learning. Journal of Experimental Biology. 2022;225;1	7
823	D. E. Gopalakrishnan, A. S.Hussein, A. A.Jing, Z.Li, Q.Wagner, A. A.Aboumohamed, A.Roupret, M.Balbay, D.Wijburg, C.Stockle, M.Dasgupta, P.Khan, M. S.Wiklund, P.Hosseini, A.Peabody, J.Shigemura, K.Trump, D.Guru, K. A.Chatta, G., Impact of neoadjuvant chemotherapy on survival and recurrence patterns after robot-assisted radical cystectomy for muscle-invasive bladder cancer: Results from the International Robotic Cystectomy Consortium. International Journal of Urology. 2022;29;197-205	2
824	L. M. C. Duong, H.Shrubsole, M. J.Bailey, C. E.Idrees, K.Shu, X. O., Outcomes of robotic-assisted liver surgery versus laparoscopic liver surgery for treatment of stage I hepatocellular carcinoma. Cancer. 2022;128;762-769	12
825	D. K. Steffens, S.McBride, K.Gupta, S.Horsley, M.Fritsch, B., Implementation of robotic-assisted total knee arthroplasty in the public health system: a comparative cost analysis. International Orthopaedics. 2022;46;481-488	4
826	L. C. Bianchi, F.Angiolini, A.Cercenelli, L.Lodi, S.Bortolani, B.Molinaroli, E.Casablanca, C.Droghetti, M.Gaudiano, C.Mottaran, A.Porreca, A.Golfieri, R.Romagnoli, D.Giunchi, F.Fiorentino, M.Piazza, P.Puliatti, S.Diciotti, S.Marcelli, E.Mottrie, A.Schiavina, R., The Use of Augmented Reality to Guide the Intraoperative Frozen Section During Robot-assisted Radical Prostatectomy. European Urology. 2021;80;480-488	5
827	P. R. Piazza, G.Chacon, V. T.Puliatti, S.Amato, M.Farinha, R.Schiavina, R.Brunocilla, E.Berquin, C.Develtere, D.Sinatti, C.Van Puyvelde, H.De Groote, R.Schatteman, P.De Naeyer, G.D'Hondt, F.Mottrie, A., Robot-assisted Cystectomy with Intracorporeal Urinary Diversion After Pelvic Irradiation for Prostate Cancer: Technique and Results from a Single High-volume Center. European Urology. 2021;80;489-496	5
828	I. G. Yang, J. D.Murray, D. W.Mellon, S. J., Application of a robotics path planning algorithm to assess the risk of mobile bearing dislocation in lateral unicompartmental knee replacement. Scientific Reports. 2022;12;2068	7
829	K. Y. Suda, H.Nishigori, T.Obama, K.Yoda, Y.Hikage, M.Shibasaki, S.Tanaka, T.Kakeji, Y.Inomata, M.Kitagawa, Y.Miyata, H.Terashima, M.Noshiro, H.Uyama, I., Safe implementation of robotic gastrectomy for gastric cancer under the requirements for universal health insurance coverage: a retrospective cohort study using a nationwide registry database in Japan. Gastric Cancer. 2022;25;438-449	5
830	J. K. Trachta, B.Rygl, M., Robotic pyeloplasty in children - a pilot study. Rozhledy V Chirurgii. 2022;101;79-84	5
831	P. H. F. P. Amaral, L. G. A.Dias, E. R. M.Carvalho, J. P. V.Furtado, M.Malheiros, C. A.Roll, S., Robotic re-TAPP: a minimally invasive alternative for the failed posterior repair. Revista do Colegio Brasileiro de Cirurgioes. 2022;49;e20223063	5
832	N. S. Matsuhashi, Y.Tajima, J. Y.Kiyama, S.Takahashi, T.Kuno, M.Endo, M.Fukada, M.Mizutani, C.Tokumaru, Y.Yasufuku, I.Suetsugu, T.Tanaka, Y.Okumura, N.Murase, K.Saiki, T.Yoshida, K., Evaluation of the SYNAPSE VINCENT for lateral lymph node dissection in rectal cancer with robotic surgery: a preliminary report. World Journal of Surgical Oncology. 2022;20;56	5

833	J. O. Legrand, M.Van Gerven, L.Vander Poorten, V.Vander Poorten, E., A miniature robotic steerable endoscope for maxillary sinus surgery called PliENT. Scientific Reports. 2022;12;2299	7
834	M. F. Rechtman, A.Millar, J. L.Evans, M.Dodds, L.Murphy, D. G.Evans, S. M., Comparison of urinary and sexual patient-reported outcomes between open radical prostatectomy and robot-assisted radical prostatectomy: a propensity score matched, population-based study in Victoria. BMC Urology. 2022;22;18	12
835	T. Y. Shaolin, F.Poming, K.Longyong, M.Cheng, S.Chunshu, F.Licheng, W.Qunyou, T.Bo, D., Comparison of Sleeve Lobectomy for Lung Cancer Using Mini-Thoracotomy and an Optimized Robot-Assisted Technique. Technology in Cancer Research & Treatment. 2021;20;15330338211051500	13
836	L. S. Levi, G.Nesichi, O.Leader, A.Raanani, P.Reuven, Y.Schindel, H.Shpitzer, T.Reifen, E.Bachar, G.Mizrachi, A., Implementation of a Novel Protocol for Preventing Venous Thromboembolism in Otolaryngology Patients. Otolaryngology - Head & Neck Surgery. 2022;166;297-304	8
837	G. M. Meccariello, A.Bianchi, G.Cammaroto, G.Iannella, G.Catalano, A.Sgarzani, R.De Vito, A.Capaccio, P.Pelucchi, S.Vicini, C., Neck dissection and trans oral robotic surgery for oropharyngeal squamous cell carcinoma. Auris, Nasus, Larynx. 2022;49;117-125	5
838	N. U. B. Dogan, E.Taskin, S.Vatansever, D.Dogan, S.Taskiran, C.Celik, H.Ortac, F.Gungor, M., Perspectives of Gynecologic Oncologists on Minimally Invasive Surgery During COVID-19 Pandemic: A Turkish Society of Minimally Invasive Gynecologic Oncology (MIJOD) Survey. Asian Pacific Journal of Cancer Prevention: Apjcp. 2022;23;573-581	2
839	G. B. Cammaroto, G.Zhang, H.Veer, V.Kotecha, B.Jacobowitz, O.Llatas, M. C.de Apodaca, P. M. R.Lugo, R.Meccariello, G.Iannella, G.Gobbi, R.Toh, S. T.Hsu, Y. S.Baghat, A. Y.Lechien, J. R.Calvo-Henriquez, C.Chiesa-Estomba, C.Barillari, M. R.Ibrahim, B.Ayad, T.Fakhry, N.Hoff, P.Thuler, E. R.Chan, L.Kastoer, C.Ravesloot, M.De Vito, A.Montevecchi, F.Vicini, C., Sleep medicine in otolaryngology units: an international survey. Sleep & Breathing. 2021;25;2141-2152	2
840	M. L. Lee, Z.Strauss, D.Jun, M. S.Koster, H.Asghar, A. M.Lee, R.Chao, B.Cheng, N.Ahmed, M.Lovallo, G.Munver, R.Zhao, L. C.Stifelman, M. D.Eun, D. D.Collaborative of Reconstructive Robotic Ureteral, Surgery, Multi-institutional Experience Comparing Outcomes of Adult Patients Undergoing Secondary Versus Primary Robotic Pyeloplasty. Urology. 2020;145;275-280	3
841	S. K. Miura, T.Kawamura, K.Kobayashi, Y.Fujie, M. G., Brain activation measurement for motion gain decision of surgical endoscope manipulation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2371	7
842	A. R. Zubarevich, A. A.Szczechowicz, M.Osswald, A.Schmack, B.Ruhparwar, A.Weymann, A., Articulation is essential: First in cardiovascular surgery implementation of 360degree surgeon-powered robotic instruments. Journal of Cardiac Surgery. 2022;37;1121-1124	8
843	G. S. Torregrossa, M. P.Van den Eynde, J.Malin, J. H.Sicouri, S.Wertan, M. C.Ramlawi, B.Sutter, F. P., Hybrid robotic off-pump versus conventional on-pump and off-pump coronary artery bypass graft surgery in women. Journal of Cardiac Surgery. 2022;37;895-905	13
844	P. A. Narayan, G. D., Robotically assisted hybrid coronary revascularization-Masterly technique but is it for the masses?. Journal of Cardiac Surgery. 2022;37;906-908	8
845	A. G. Antoniou, M.Evripidou, N.Stratis, S.Pichardo, S.Damianou, C., Robotic system for top to bottom MRgFUS therapy of multiple cancer types. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2364	7

846	Z. W. Zhang, Y.Zhang, Z.Zheng, J.Su, Z.Gui, H.Jiao, W.Yang, X.Niu, H., Application of deterministic networking for reducing network delay in urological telesurgery: A retrospective study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2365	7
847	H. J. S. Jin, J. S.Kwon, T. G.Kim, T. H.Jeon, S. H.Lee, S. H.Kang, S. G.Nam, J. K.Kim, W. S.Jeong, B. C.Oh, J. J.Lee, S. C.Lee, J. Y.Hong, S. H.Rha, K. H.Han, W. K.Ham, W. S.Lee, Y. G.Lee, Y. S.Park, S. Y.Yoon, Y. E.Ku, J. H.Kang, S. H., Gender-related outcomes in robot-assisted radical cystectomy: A multi-institutional study. Investigative And Clinical Urology. 2022;63;53-62	3
848	D. Y. Kong, U. J.Kim, C. K.Ahn, J.Kwon, D. S., Analysis of tendon tension and hysteresis by tendon twisting and development of anti-twist tendon mechanism of robotic surgical instruments. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2357	7
849	S. T. Jeong, K., Leader manipulator with hand rest function for microsurgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2355	7
850	M. P. G. Forte, R.Javot, B.Engler, T.Gomez, E. D.Kuchenbecker, K. J., Design of interactive augmented reality functions for robotic surgery and evaluation in dry-lab lymphadenectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2351	7
851	M. P. Yang, J.Wang, X.Lei, H.Li, X.Yang, K., Reinforcing the effect of microsurgery practice during robotic suturing skill acquisition. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2350	2
852	J. F. Wang, S.Shen, C.Yang, K.Li, Z.Xiong, S.Meng, C.Zhang, C.Cai, L.Zhang, Z.Yu, W.Dai, X.Cui, L.Zhang, Z.Li, X.Zhou, L., Partial nephrectomy through retroperitoneal approach with a new surgical robot system, KD-SR-01. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2352	5
853	J. L. Kwon, J. H.Park, S. Y.Park, Y.Lee, W.Song, K. B.Hwang, D. W.Kim, S. C., A comparison of robotic versus laparoscopic distal pancreatectomy: Propensity score matching analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2347	12
854	N. R. Harland, G. I.Kaufmann, S.Amend, B.Rausch, S.Erne, E.Scharpf, M.Nikolaou, K.Stenzl, A.Bedke, J.Kruck, S., Robotic Transrectal Computed Tomographic Ultrasound with Artificial Neural Network Analysis: First Validation and Comparison with MRI-Guided Biopsies and Radical Prostatectomy. Urologia Internationalis. 2022;106;90-96	2
855	P. P. Adamczyk, P.Kadlubowski, M.Ostrowski, A.Mikolajczak, W.Drewa, T.Juszczak, K., Complication Rate after Radical Cystectomy Depends on the Surgical Technique and Patient's Clinical Status. Urologia Internationalis. 2022;106;163-170	13
856	P. J. W. Quilici, H.McConnell, N., Operating costs, fiscal impact, value analysis and guidance for the routine use of robotic technology in abdominal surgical procedures. Surgical Endoscopy. 2022;36;1433-1443	8
857	P. K. Tyutyunnik, S.Lombardo, C.Lapshyn, H.Menonna, F.Napoli, N.Wellner, U.Izrailov, R.Baychorov, M.Besselink, M. G.Abu Hilal, M.Fingerhut, A.Boggi, U.Keck, T.Khatkov, I.European Consortium on Minimally Invasive Pancreatic, Surgery, Learning curve of three European centers in laparoscopic, hybrid laparoscopic, and robotic pancreatoduodenectomy. Surgical Endoscopy. 2022;36;1515-1526	12
858	G. W. B. Dy, G.Shakir, N. A.Bluebond-Langner, R.Zhao, L. C., Robotic Peritoneal Flap Revision of Gender Affirming Vaginoplasty: a Novel Technique for Treating Neovaginal Stenosis. Urology. 2021;154;308-314	5

859	B. U. S. Shyr, B. S.Chen, S. C.Shyr, Y. M.Wang, S. E., Propensity score-matched comparison of the oncological feasibility and survival outcomes for pancreatic adenocarcinoma with robotic and open pancreatoduodenectomy. Surgical Endoscopy. 2022;36;1507-1514	12
860	T. D. S. Robinson, J. C.Patel, P. B.Marthy, A. G.Zaman, J. A.Singh, T. P., Emergent robotic versus laparoscopic surgery for perforated gastrojejunal ulcers: a retrospective cohort study of 44 patients. Surgical Endoscopy. 2022;36;1573-1577	12
861	T. S. G. Zhu, N.Clayburgh, D. R.Duvvuri, U., Assessing the learning curve associated with a novel flexible robot in the pre-clinical and clinical setting. Surgical Endoscopy. 2022;36;1563-1572	5
862	H. O. Oshio, Y.Yunome, G.Yano, M.Okazaki, S.Ashitomi, Y.Musha, H.Kamio, Y.Motoi, F., Potential urinary function benefits of initial robotic surgery for rectal cancer in the introductory phase. Journal of Robotic Surgery. 2022;16;159-168	12
863	H. J. Cristofari, M. K.Niclauss, N.Toso, C.Kloetzer, L., Teaching and learning robotic surgery at the dual console: a video-based qualitative analysis. Journal of Robotic Surgery. 2022;16;169-178	5
864	F. C. Huynh, C. J.Hwang, H. K.Lee, W. J.Kang, C. M., Minimally invasive (laparoscopic and robot-assisted) versus open approach for central pancreatectomies: a single-center experience. Surgical Endoscopy. 2022;36;1326-1331	2
865	A. R. K. Dezube, S.De Leon, L. E.Kostopanagiotou, K.Jaklitsch, M. T.Wee, J. O., Risk of chyle leak after robotic versus video-assisted thoracoscopic esophagectomy. Surgical Endoscopy. 2022;36;1332-1338	13
866	M. L. P. Horsey, S. A.Sparks, A. D.Hota, S.Ng, M.Obias, V., The impact of surgical approach on short- and long-term outcomes after rectal cancer resection in elderly patients: a national cancer database propensity score matched comparison of robotic, laparoscopic, and open approaches. Surgical Endoscopy. 2022;36;1269-1277	12
867	F. E. Vigo, R.Schoetzau, A.Montavon, C.Brezak, M.Heinzelmann-Schwarz, V.Kavvadias, T., An interdisciplinary team-training protocol for robotic gynecologic surgery improves operating time and costs: analysis of a 4-year experience in a university hospital setting. Journal of Robotic Surgery. 2022;16;89-96	5
868	A. B. T. Porcaro, A.Rizzetto, R.Amigoni, N.Sebben, M.Shakir, A.Odorizzi, K.Gozzo, A.Gallina, S.Bianchi, A.Ornaghi, P. I.Antoniolli, S. Z.Lacola, V.Brunelli, M.Migliorini, F.Cerruto, M. A.Siracusano, S.Artibani, W.Antonelli, A., Predictors of complications occurring after open and robot-assisted prostate cancer surgery: a retrospective evaluation of 1062 consecutive patients treated in a tertiary referral high volume center. Journal of Robotic Surgery. 2022;16;45-52	12
869	A. S. Nathan, S.Sinha, A.Sivathasan, S.Rashid, A.Rassam, J.Smart, S.Patel, K.Shah, N.Lamb, B. W., Immediate post-operative PDE5i therapy improves early erectile function outcomes after robot assisted radical prostatectomy (RARP). Journal of Robotic Surgery. 2022;16;37-43	5
870	S. V. Francavilla, A.Dobbs, R. W.Zattoni, F.Vigneswaran, H. T.Antonelli, A.Dal Moro, F.Autorino, R.Simeone, C.Crivellaro, S., Radical prostatectomy technique in the robotic evolution: from da Vinci standard to single port-a single surgeon pathway. Journal of Robotic Surgery. 2022;16;21-27	5
871	P. L. Winnock de Grave, T.Claeys, K.Tampere, T.Kellens, J.Muller, J.Gunst, P., Higher satisfaction after total knee arthroplasty using restricted inverse kinematic alignment compared to adjusted mechanical alignment. Knee Surgery, Sports Traumatology, Arthroscopy. 2022;30;488-499	3
872	Z. Y. Zhang, Y.Yu, J.Liao, S.Pan, W.Guo, Y.Jiang, S.Luo, C.Zheng, F., A Nomogram for Predicting Intraoperative Hemodynamic Instability in Patients With Pheochromocytoma. Frontiers in Endocrinology. 2021;12;787786	5

873	K. S. H. Suh, S. K.Lee, S.Hong, S. Y.Suh, S.Han, E. S.Yang, S. M.Choi, Y.Yi, N. J.Lee, K. W., Purely laparoscopic explant hepatectomy and hybrid laparoscopic/robotic graft implantation in living donor liver transplantation. British Journal of Surgery. 2022;109;162-164	5
874	A. L. B. Bastawrous, K. K.Chang, M. I.Milky, G.Shih, I. F.Li, Y.Cleary, R. K., A national database propensity score-matched comparison of minimally invasive and open colectomy for long-term opioid use. Surgical Endoscopy. 2022;36;701-710	12
875	G. P. Di Franco, A.Lorenzoni, V.Palmeri, M.Furbetta, N.Guadagni, S.Gianardi, D.Bianchini, M.Pollina, L. E.Melfi, F.Mamone, D.Milli, C.Di Candio, G.Turchetti, G.Pietrabissa, A.Morelli, L., Minimally invasive distal pancreatectomy: a case-matched cost-analysis between robot-assisted surgery and direct manual laparoscopy. Surgical Endoscopy. 2022;36;651-662	12
876	H. D. Aydin, M.Kahramangil, B.Kose, E.Erten, O.Akbulut, S.Gokceimam, M.Berber, E., A visual quantification of tissue distinction in robotic transabdominal lateral adrenalectomy: comparison of indocyanine green and conventional views. Surgical Endoscopy. 2022;36;607-613	3
877	M. P. N. Peev, S.Torregrossa, G.Arastu, A.Shahul, S.Balkhy, H. H., Robotic Off-Pump Totally Endoscopic Coronary Artery Bypass in Patients With Low Ejection Fraction. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2022;17;50-55	5
878	M. J. Noga, M.Gulan, M., Hybrid Virtual Commissioning of a Robotic Manipulator with Machine Vision Using a Single Controller. Sensors. 2022;22;18	2
879	M. O. T. Timsit, N.Toinet, T.Dariane, C.Debedde, E.Panthier, F.Thiounn, N.Audenet, F.Mejean, A., Posterior transperitoneal robot-assisted partial nephrectomy in the treatment of renal tumors: Feasibility of a hybrid approach. Progres en Urologie. 2022;32;217-225	5
880	N. S. Vasan, D. B.Kam, A., A tale of two robots: Operating times and learning curves in robot-assisted lumbar fusion. Journal of Clinical Neuroscience. 2022;97;42-48	5
881	A. R. Chandra, P.Gupta, V.Ahmad, A.Parihar, A.Yadav, G.Singh, U.Rajashekhara, M.Patankar, S. K.Patel, R., Natural Orifice Endosonographic Colposuspension With Rectopexy for Combined Pelvic Organ Prolapse: A Feasibility Study. Diseases of the Colon & Rectum. 2022;65;e184-e190	2
882	P. A. Narayan, G. D., Robotic hybrid coronary revascularization-A need for strategy specific data. Journal of Cardiac Surgery. 2022;37;512-514	8
883	G. T. Saper, S.Katira, P.Hess, H., Robotic end-to-end fusion of microtubules powered by kinesin. Began with: Volume 1, Issue 1 (06 December 2016). 2021;6;eabj7200	2
884	D. A. B. Haehn, E. M.Albo, G. A. G.Ball, C. T.Thiel, D. D., Statin Use and Association with Postoperative Estimated Glomerular Filtration Rates in Patients Undergoing Robot-Assisted Partial Nephrectomy. Journal of Endourology. 2022;36;197-202	2
885	M. Z. L. Yang, R. C.Abbas, A. E.Park, B. J.Li, J. B.Yang, J.Wu, J. C.Wang, G.Yang, H. X., Learning curve of robotic portal lobectomy for pulmonary neoplasms: A prospective observational study. Thoracic Cancer. 2021;12;1431-1440	5
886	A. N. Wilhelm, F.Schneider, R.Koechlin, L.Daume, D. L.Fourie, L.Steinemann, D.von Flue, M.Peterli, R.Angehrn, F. V.Bolli, M., Robot-assisted vs. laparoscopic repair of complete upside-down stomach hiatal hernia (the RATHER-study): a prospective comparative single center study. Surgical Endoscopy. 2022;36;480-488	12
887	A. D. K. Shellito, S.Kaji, A. H.Tom, C. M.Dauphine, C.Petrie, B. A., Current status of robotic surgery in colorectal residency training programs. Surgical Endoscopy. 2022;36;307-313	2

888	L. C. Cofran, T.Alfred, M.Kanji, F.Choi, E.Savage, S.Anger, J.Catchpole, K., Barriers to safety and efficiency in robotic surgery docking. Surgical Endoscopy. 2022;36;206-215	5
889	Y. C. Tian, S.Kong, Y.Shen, S.Niu, Z.Zhang, J.Chen, D.Jiang, H.Lv, L.Liu, X.Li, Z.Zhong, H.Zhou, Y., Short- and long-term comparison of robotic and laparoscopic gastrectomy for gastric cancer by the same surgical team: a propensity score matching analysis. Surgical Endoscopy. 2022;36;185-195	12
890	Y. S. Yamaoka, A.Kagawa, H.Hino, H.Manabe, S.Kato, S.Hanaoka, M., Robotic surgery for clinical T4 rectal cancer: short- and long-term outcomes. Surgical Endoscopy. 2022;36;91-99	5
891	M. A. G. Abd El Aziz, F.Behm, K. T.D'Angelo, A. L.Mathis, K. L.Dozois, E. J.Larson, D. W., Trends and consequences of surgical conversion in the United States. Surgical Endoscopy. 2022;36;82-90	5
892	K. B. E. Marchand, J.Mathew, K. K.Marchand, R. C.Mont, M. A., Learning Curve of Robotic-Assisted Total Knee Arthroplasty for a High-Volume Surgeon. The Journal of Knee Surgery. 2022;35;409-415	1
893	A. I. Tahir, H.Usman, M.Ghaffar, A.Hafeez, A., Cardiac X-ray image-based haptic guidance for robot-assisted coronary intervention: a feasibility study. International Journal of Computer Assisted Radiology & Surgery. 2022;17;531-539	7
894	F. Z. Feng, Y.Hong, W.Li, K.Xie, L., Development and experiments of a continuum robotic system for transoral laryngeal surgery. International Journal of Computer Assisted Radiology & Surgery. 2022;17;497-505	7
895	S. A. Puliatti, M.Farinha, R.Paludo, A.Rosiello, G.De Groote, R.Mari, A.Bianchi, L.Piazza, P.Van Cleynenbreugel, B.Mazzone, E.Migliorini, F.Forte, S.Rocco, B.Kiely, P.Mottrie, A.Gallagher, A. G., Does quality assured eLearning provide adequate preparation for robotic surgical skills; a prospective, randomized and multi-center study. International Journal of Computer Assisted Radiology & Surgery. 2022;17;457-465	1
896	D. I. D. Sanford, B.Haque, T. F.Ma, R.Hakim, R.Nguyen, J. H.Cen, S.Hung, A. J., Technical Skill Impacts the Success of Sequential Robotic Suturing Substeps. Journal of Endourology. 2022;36;273-278	2
897	K. T. Dallas, L.Kuhlmann, P.Rogo-Gupta, L.Eilber, K.Anger, J. T.Scott, V., Supracervical Hysterectomy Is Protective against Mesh Complications after Minimally Invasive Abdominal Sacrocolpopexy: A Population-Based Cohort Study of 12,189 Patients. Journal of Urology. 2022;207;669-676	3
898	Z. L. Bahouth, M.Fowler, R.Charlesworth, P. J. S., Positive Surgical Margins Rate of Retzius-Sparing Robot-Assisted Radical Prostatectomy in a Contemporary, Unselected Cohort. Journal of Urology. 2022;207;609-616	5
899	K. K. A. Yang, A. M.Lee, R. A.Strauss, D.Kuppa, S.Lee, Z.Metro, M.Eun, D. D., Robot-Assisted Laparoscopic Distal Ureteroureterostomy for Distal Benign Ureteral Strictures with Long-Term Follow-Up. Journal of Endourology. 2022;36;203-208	5
900	K. J. L. Hebert, B. J.Gettman, M. T.Ubl, D.Habermann, E. B.Lyon, T. D.Ziegelmann, M. J.Viers, B. R., A Contemporary Analysis of Ureteral Reconstruction 30-Day Morbidity Utilizing the National Surgical Quality Improvement Program Database: Comparison of Minimally Invasive vs Open Approaches. Journal of Endourology. 2022;36;209-215	5
901	R. L. H. Kosber, A. S.Kurtzman, J. T.Blum, R.Brandes, S. B., Hospital Ownership, Geographic Region, Patient Age, Comorbidities, and Insurance Status Appear to Influence Patient Selection Robot-Assisted Ureteral Reimplantation for Benign Disease: A Population-Based Analysis. Journal of Endourology. 2022;36;224-230	2

902	P. M. S. F. Gurung, T. P.Rashid, H. H.Joseph, J. V.Wu, G., Robot-assisted Synchronous Bilateral Nephrectomy for Autosomal Dominant Polycystic Kidney Disease: A Stepwise Description of Technique. Urology. 2021;153;333-338	8
903	W. Z. Han, T.Su, Y. G.Zhao, C. P.Zhou, L.Wu, X. B.Wang, J. Q., Percutaneous Robot-Assisted versus Freehand S₂ Iliosacral Screw Fixation in Unstable Posterior Pelvic Ring Fracture. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2022;14;221-228	12
904	T. W. Karagiotis, J. H.Jankowski, T.Mendrek, M.Wagner, C.Schuette, A.Liakos, N.Rachubinski, P.Urbanova, K.Oelke, M.Kachanov, M.Leyh-Bannurah, S. R., Two-year quality of life after robot-assisted radical prostatectomy according to pentafecta criteria and cancer of the prostate risk assessment (CAPRA-S). Scientific Reports. 2022;12;244	5
905	C. K. S. Fitzsimmons, A. J.Kennard, J. A.Manyam, M.Pepe, J. W.Ahmad, S.McKenzie, N. D.Kendrick, J. E.Holloway, R. W., ASO Visual Abstract: Carcinomatosis in Early-Stage Cervical Cancer Treated with Robotic Radical Hysterectomy-Recurrence Patterns, Risk Factors, and Survival. Annals of Surgical Oncology. 2022;29;2014-2015	11
906	H. A. Ohsugi, K.Taniguchi, H.Yanishi, M.Sugi, M.Matsuda, T.Kinoshita, H., Tumor volume and tumor crossing of the axial renal midline predict renal function after robotic partial nephrectomy. Scientific Reports. 2021;11;22526	5
907	N. K. Z. Krishnan, J.Calaway, A. C.Nagle, R. T.Sundaram, C. P.Boris, R. S., Identifying Preoperative Predictors of Operative Time and Their Impact on Outcomes in Robot-Assisted Partial Nephrectomy. Journal of Endourology. 2022;36;71-76	5
908	S. K. Alip, P.Han, W. K.Rha, K. H.Na, J. C., Comparing Revo-i and da Vinci in Retzius-Sparing Robot-Assisted Radical Prostatectomy: A Preliminary Propensity Score Analysis of Outcomes. Journal of Endourology. 2022;36;104-110	3
909	M. C. Gupta, T. M.Santiago-Dieppa, D. R.Yekula, A.Sanchez, C. E.Elster, J. D.Crawford, J. R.Levy, M. L.Gonda, D. D., Robot-assisted stereotactic biopsy of pediatric brainstem and thalamic lesions. Journal of Neurosurgery. Pediatrics.. 2020;27;317-324	5
910	N. V. D. Vaidya, A. N.Panjwani, T.Patil, R.Jaysingani, T.Patil, P., Robotic-assisted TKA leads to a better prosthesis alignment and a better joint line restoration as compared to conventional TKA: a prospective randomized controlled trial. Knee Surgery, Sports Traumatology, Arthroscopy. 2022;30;621-626	12
911	H. L. Vermue, T.Winnock de Grave, P.Ryckaert, A.Cools, A. S.Himpe, N.Victor, J., Robot-assisted total knee arthroplasty is associated with a learning curve for surgical time but not for component alignment, limb alignment and gap balancing. Knee Surgery, Sports Traumatology, Arthroscopy. 2022;30;593-602	5
912	M. C. L. Lin, H. W.Su, Y. K.Lo, W. L.Lin, C. M., Robot-guided versus freehand fluoroscopy-guided minimally invasive transforaminal lumbar interbody fusion: a single-institution, observational, case-control study. Neurosurgical Focus. 2022;52;E9	3
913	S. A. K. Ayuso, M. M.Aladegbami, B. G.Nayak, R. B.Augenstein, V. A.Heniford, B. T.Colavita, P. D., Nationwide Readmissions Analysis of Minimally Invasive Versus Open Ventral Hernia Repair: A Retrospective Population-Based Study. American Surgeon. 2022;88;463-470	12
914	I. J. Sucandy, F.Syblis, C.Crespo, K.Ross, S.Rosemurgy, A., Robotic Central Hepatectomy for the Treatment of Gallbladder Carcinoma. Outcomes of Minimally Invasive Approach. American Surgeon. 2022;88;348-351	5
915	S. B. R. Ross, S.Thomas, J.Peek, G.Crespo, K.Syblis, C.Sucandy, I.Rosemurgy, A., Evaluating the Cost for Robotic vs "Non-Robotic" Transhiatal Esophagectomy. American Surgeon. 2022;88;389-393	4

916	W. S. Liu, N.Zhao, L. C., Single-Port Robotic Posterior Urethroplasty Using Buccal Mucosa Grafts: Technique and Outcomes. Urology. 2022;159;214-221	5
917	A. J. S. Xu, N. A.Jun, M. S.Zhao, L. C., Robotic Assisted Repair of Post-Ileal Conduit Parastomal Hernia: Technique and Outcomes. Urology. 2021;158;232-236	5
918	R. J. Venckus, M.Telksnys, T.Venckus, M.Janusonis, V.Dulskas, A.Samalavicius, N. E., Robotic-assisted radical prostatectomy with the Senhance^R robotic platform: single center experience. World Journal of Urology. 2021;39;4305-4310	5
919	M. A. Baunacke, A.Huber, J.Groeben, C.Thomas, C.Borkowetz, A., Robotic radical prostatectomy: difficult to start, fast to improve? Influence of surgical experience in robotic and open radical prostatectomy. World Journal of Urology. 2021;39;4311-4317	3
920	P. K. Baron, Z.Lannes, F.Pignot, G.Bajeot, A. S.Ploussard, G.Verhoest, G.Gasmi, A.Perrot, O.Roumiguie, M.Mori, K.Cacciamani, G. E.Roupret, M.Bruyere, F.Pradere, B., Multicenter external validation of the radical cystectomy pentafecta in a European cohort of patients undergoing robot-assisted radical cystectomy with intracorporeal urinary diversion for bladder cancer. World Journal of Urology. 2021;39;4335-4344	5
921	P. S. D. Chandra, R.Girishan, S.Samala, R.Agrawal, M.Garg, A.Ramanujam, B.Tripathi, M.Bal, C.Nehra, A.Tripathi, M., Robotic thermocoagulative hemispherotomy: concept, feasibility, outcomes, and safety of a new "bloodless" technique. Journal of Neurosurgery. Pediatrics.. 2021;27;688-699	5
922	U. J. L. Hesse, J.Dubecz, A.Stein, H. J., Intraoperative conversion and complications in robotic assisted primary and redo gastric bypass surgery. Journal of Robotic Surgery. 2022;16;235-239	12
923	A. B. Rosemurgy, T.Luberice, K.Sucandy, I.Ross, S., Robot Application for Hepatopancreatic Disorders, Gastroesophageal Reflux Disease, and Achalasia. American Surgeon. 2022;88;507-511	8
924	L. K. M. Leggett, O.Howard, D. L.Kowalski, L. D., A comparison of surgical outcomes among robotic cases performed with an employed surgical assist versus a second surgeon as the assist. Journal of Robotic Surgery. 2022;16;229-233	3
925	M. F. H. P. N. Rocha, J. M.Filgueira, P. H. O.Coelho, R. F.Moschovas, M. C.Patel, V., Robotic-assisted radical prostatectomy with preceptor's assistance: the training experience and outcomes in South America. Journal of Robotic Surgery. 2022;16;207-213	2
926	Y. D. L. Barac, R. S.Sabulsky, R.Carr, K.Zwischenberger, B.Glower, D. D., Sustained results of robotic mitral repair in a lower volume center with extensive minimally invasive mitral repair experience. Journal of Robotic Surgery. 2022;16;199-206	5
927	A. J. D. Carsel, D. G.Ching, C. B.McLeod, D. J.Smith, J.Fuchs, M. E.Rehfuss, A. W., Robotic upper tract surgery in infants 6 months or less: is there enough space?. Journal of Robotic Surgery. 2022;16;193-197	5
928	L. G. M. Luciani, D.Puglisi, M.Processali, T.Anceschi, U.Lauro, E.Malossini, G., Robotic-assisted radical prostatectomy following colo-rectal surgery: a user's guide. Journal of Robotic Surgery. 2022;16;189-192	5
929	M. P. M. V. Del Gutierrez Delgado, S.Turino Luque, J. D.Gonzalez Poveda, I.Ruiz Lopez, M.Santoyo Santoyo, J., Outcomes of robotic-assisted vs conventional laparoscopic surgery among patients undergoing resection for rectal cancer: an observational single hospital study of 300 cases. Journal of Robotic Surgery. 2022;16;179-187	12
930	K. P. Du, A. M.Rais, R.Anderson, B. G.Han, C. S.Kim, E. H.Benabdallah, J.Jalaly, J.Vetter, J. M.Paradis, A. G.Palka, J. K.Venkatesh, R.Figenshau, R. S., Role of the androgen, estrogen, and progesterone receptors in adherent perinephric fat in robotic partial nephrectomy. Journal of Robotic Surgery. 2022;16;143-148	5

931	A. S. Modasi, I.Ross, S.Krill, E.Castro, M.Lippert, T.Luberice, K.Rosemurgy, A., The effect of diabetes on major robotic hepatectomy. Journal of Robotic Surgery. 2022;16;137-142	5
932	Y. D. Huang, K.Koythong, T.Patil, N. M.Fan, D.Liu, J.Guan, Z.Guan, X., Application of robotic single-site surgery with optional additional port for endometriosis: a single institution's experience. Journal of Robotic Surgery. 2022;16;127-135	5
933	P. G. Kandagatla, A. H.Amro, A.Popoff, A.Hammoud, Z., Long-term outcomes after robotic-assisted Ivor Lewis esophagectomy. Journal of Robotic Surgery. 2022;16;119-125	5
934	K. J. K. Hancock, V. S.Nunez-Lopez, O.Gajjar, A. H.Gomez, G.Tyler, D. S.Rashidi, L., Optimizing outcomes in colorectal surgery: cost and clinical analysis of robotic versus laparoscopic approaches to colon resection. Journal of Robotic Surgery. 2022;16;107-112	12
935	S. C. Balasubramanian, B.Misra, S.Ramakrishnan, P.Chinnusamy, P., Propensity matched analysis of short term oncological and perioperative outcomes following robotic and thoracolaparoscopic esophagectomy for carcinoma esophagus- the first Indian experience. Journal of Robotic Surgery. 2022;16;97-105	13
936	D. G. El-Hamamsy, R. S.Gurol-Urganci, I.van der Meulen, J.Tincello, D., Uptake and outcomes of robotic gynaecological surgery in England (2006-2018): an account of Hospital Episodes Statistics (HES). Journal of Robotic Surgery. 2022;16;81-88	5
937	A. M. Farrugia, Q. R.Ravichandran, N. T.Ali, M.Marangoni, G.Ahmad, J., Proposed training pathway with initial experience to set up robotic hepatobiliary and pancreatic service. Journal of Robotic Surgery. 2022;16;65-71	2
938	J. R. C. Huddy, M.Nizar, A. S.Smith, R.Malki, M.Barber, N.Tilney, H. S., Experiences of a "COVID protected" robotic surgical centre for colorectal and urological cancer in the COVID-19 pandemic. Journal of Robotic Surgery. 2022;16;59-64	5
939	Y. Y. R. Chan, I.Shannon, R.Singal, A.D'Oro, A.Meade, P.Gong, E. M.Lindgren, B. W.Johnson, E. K., Urinary Tract Infection After Robot-assisted Laparoscopic Pyeloplasty: Are Urine Cultures and Antibiotics Helpful?. Urology. 2021;148;235-242	5
940	S. S. Mittal, A.Bowen, D.Fischer, K. M.Shah, J.Weiss, D. A.Long, C. J.Shukla, A. R., Utilization of Robot-assisted Surgery for the Treatment of Primary Obstructed Megaureters in Children. Urology. 2021;149;216-221	5
941	Y. H. K. Rappaport, E.Noh, P. H.Koucherov, S.Gaber, J.Shumaker, A.Zisman, A.Stav, K.Chertin, B.Dubrov, V.Bondarenko, S.Neheman, A., Minimally Invasive Dismembered Extravesical Cross-Trigonal Ureteral Reimplantation for Obstructed Megaureter: A Multi-Institutional Study Comparing Robotic and Laparoscopic Approaches. Urology. 2021;149;211-215	12
942	M. M. P. Huang, H. D.Wainger, J. J.Su, Z. T.Becker, R. E. N.Han, M.Pierorazio, P. M.Allaf, M. E., Comparison of Perioperative and Pathologic Outcomes Between Single-port and Standard Robot-assisted Radical Prostatectomy: An Analysis of a High-volume Center and the Pooled World Experience. Urology. 2021;147;223-229	3
943	S. F. Kim, T. W.Buckley, J. C., Robotic Surgery for the Reconstruction of Transplant Ureteral Strictures. Urology. 2020;144;208-213	5
944	P. K. Modi, S.Mishra, A.Chauhan, R.Kute, V.Patel, H.Modi, M., Robotic Assisted Dual Kidney Transplantation With Monolateral Iliac Vessels. Urology. 2020;144;234-240	5

945	A. S. Khan, M. A. R.Lee, N. J.Waqas, M.Lombardi, J. M.Boddapati, V.Levy, L. C.Mao, J. Z.Park, P. J.Mathew, J.Lehman, R. A.Mullin, J. P.Pollina, J., CT-to-fluoroscopy registration versus scan-and-plan registration for robot-assisted insertion of lumbar pedicle screws. Neurosurgical Focus. 2022;52;E8	5
946	J. P. G. M. Chaves, J.Choi, J. Y. S., Clinical results following robotic navigation guidance for sacroiliac joint fusion in 36 patients. Neurosurgical Focus. 2022;52;E6	5
947	R. A. S. Abbas, F.El Naamani, K.Chen, C. J.Velagapudi, L.Sioutas, G. S.Weinberg, J. H.Tjoumakaris, S.Gooch, M. R.Herial, N. A.Rosenwasser, R. H.Jabbour, P., Robot-assisted carotid artery stenting: outcomes, safety, and operational learning curve. Neurosurgical Focus. 2022;52;E17	5
948	A. D. T. Smith, A. J.Naik, A.Janbahan, M.Smith, E. J.Krist, D. T.Parupalli, S.Teal, K.Hassaneen, W., Robotic external ventricular drain placement for acute neurosurgical care in low-resource settings: feasibility considerations and a prototype design. Neurosurgical Focus. 2022;52;E14	7
949	Z. J. Li, S.Song, X.Liu, S.Wang, C.Hu, L.Li, W., Collaborative spinal robot system for laminectomy: a preliminary study. Neurosurgical Focus. 2022;52;E11	7
950	C. U. Leitsmann, A.Bremmer, F.Mut, T. T.Ahyai, S.Reichert, M.Leitsmann, M.Trojan, L.Popeneciu, I. V., Impact of mpMRI targeted biopsy on intraoperative nerve-sparing (NeuroSAFE) during robot-assisted laparoscopic radical prostatectomy. Prostate. 2022;82;493-501	2
951	J. C. W. Rosenthal, E. L.Matuschek, C.Hobl, M.Hilsmann, A.Eisert, P.Uecker, F. C., Endoscopic measurement of nasal septum perforations. HNO. 2022;70;44568	2
952	M. D. Milone, M.Velotti, N.Manigrasso, M.Vertaldi, S.D'Ugo, D.De Palma, G. D.and Italian Society of Surgical Oncology Colorectal Cancer Network, group, Segmental transverse colectomy. Minimally invasive versus open approach: results from a multicenter collaborative study. Updates in Surgery. 2022;74;127-135	12
953	N. L. Klopp-Dutote, M.Strunski, V.Page, C., Minimally invasive fully ROBOT-assisted cochlear implantation in humans: Preliminary results in five consecutive patients. Clinical Otolaryngology. 2021;46;1326-1330	5
954	S. W. Dang, R. X.Jons, C.Jacobsen, P. K.Pehrson, S.Chen, X., Comparison of the Anterior Septal Line and Mitral Isthmus Line for Perimitral Atrial Flutter Ablation Using Robotic Magnetic Navigation. Journal of Interventional Cardiology. 2022;2022;1793590	3
955	F. J. v. d. S. Voskens, E. M.Ruurda, J. P.Broeders, Iamj, Endoscopic surgery suturing techniques: a randomized study on learning. BMC Surgery. 2022;22;59	1
956	N. A. P. Felber, F.McLean, A.Wangmo, T., The concept of social dignity as a yardstick to delimit ethical use of robotic assistance in the care of older persons. Medicine, Health Care & Philosophy. 2022;25;99-110	8
957	J. W. O'Hara, L.Fox, H.Hamilton, D.Meikle, D.Counter, P.Robson, A.Goranova, R.Iqbal, S.Kelly, C.Robinson, M.Paleri, V., Primary transoral robotic surgery +/- adjuvant therapy for oropharyngeal squamous cell carcinoma-A large observational single-centre series from the United Kingdom. Clinical Otolaryngology. 2021;46;1005-1012	5
958	V. R. Ficarra, M.Crestani, A.Alario, G.Mucciardi, G.Isgro, A.Giannarini, G., Robot-assisted Radical Prostatectomy Using the Novel Urethral Fixation Technique Versus Standard Vesicourethral Anastomosis. European Urology. 2021;79;530-536	3
959	E. D. O. Mazzone, P.Grivas, N.Wit, E.Donswijk, M.Briganti, A.Leeuwen, F. V.Poel, H. V., Diagnostic Value, Oncologic Outcomes, and Safety Profile of Image-Guided Surgery Technologies During Robot-Assisted Lymph Node Dissection with Sentinel Node Biopsy for Prostate Cancer. Journal of Nuclear Medicine. 2021;62;1363-1371	5

960	V. G. M. Wagaskar, A.Sobotka, S.Ratnani, P.Lantz, A.Falagario, U. G.Martini, A.Dovey, Z.Treacy, P. J.Pathak, P.Nair, S.Roy, B.Chakravarty, D.Lewis, S.Haines, K., 3rdWiklund, P.Tewari, A., Hood Technique for Robotic Radical Prostatectomy-Preserving Periurethral Anatomical Structures in the Space of Retzius and Sparing the Pouch of Douglas, Enabling Early Return of Continence Without Compromising Surgical Margin Rates. European Urology. 2021;80;213-221	5
961	B. A.-Z. De Simone, F. M.Gumbs, A. A.Chouillard, E.Di Saverio, S.Sartelli, M.Coccolini, F.Ansaloni, L.Collins, T.Kluger, Y.Moore, E. E.Litvin, A.Leppaniemi, A.Mascagni, P.Milone, L.Piccoli, M.Abu-Hilal, M.Sugrue, M.Biffl, W. L.Catena, F., Knowledge, attitude, and practice of artificial intelligence in emergency and trauma surgery, the ARIES project: an international web-based survey. World Journal Of Emergency Surgery. 2022;17;10	2
962	N. K. de'Angelis, J.Marchegiani, F.Bianchi, G.Aisoni, F.Alberti, D.Ansaloni, L.Biffl, W.Chiara, O.Ceccarelli, G.Coccolini, F.Cicuttin, E.D'Hondt, M.Di Saverio, S.Diana, M.De Simone, B.Espin-Basany, E.Fichtner-Feigl, S.Kashuk, J.Kouwenhoven, E.Leppaniemi, A.Beghdadi, N.Memeo, R.Milone, M.Moore, E.Peitzmann, A.Pessaux, P.Pikoulis, M.Pisano, M.Ris, F.Sartelli, M.Spinoglio, G.Sugrue, M.Tan, E.Gavriilidis, P.Weber, D.Kluger, Y.Catena, F., Robotic surgery in emergency setting: 2021 WSES position paper. World Journal Of Emergency Surgery. 2022;17;4	8
963	S. D. F. Kosa, S. E.Panzarella, T.Lau, S.Abitbol, J.Samouelian, V.Giede, C.Steed, H.Renkosinski, B.Gien, L. T.Bernardini, M. Q., A prospective comparison of costs between robotics, laparoscopy, and laparotomy in endometrial cancer among women with Class III obesity or higher. Journal of Surgical Oncology. 2022;125;747-753	4
964	N. S. Li, W. J.Gao, J.Xu, Z. P.Long, Z.Liu, J. Y.He, L. Y., The prognostic nutritional index predicts the biochemical recurrence of patients treated with robot-assisted laparoscopic radical prostatectomy. Prostate. 2022;82;221-226	5
965	R. M. Watanabe, M.Kiyoi, T.Kurata, M.Miura, N.Kikugawa, T.Higashiyama, S.Saika, T., PSMA-positive membranes secreted from prostate cancer cells have potency to transform vascular endothelial cells into an angiogenic state. Prostate. 2021;81;1390-1401	7
966	M. G. D. Yenice, Y. O.Akkas, F.Emir, N. S.Simsek, A.Tugcu, V.Tasci, A. I., Relationship of MRI-measured pelvimetric dimensions and surgical positions with anaesthesia parameters in robotic perineal prostatectomy. Archivos Espanoles de Urologia. 2022;75;69-76	5
967	A. R. Zorrilla-Vaca, D.Brown, J. K.Antonoff, M.Sepesi, B.Hofstetter, W.Swisher, S.Walsh, G.Vaporciyan, A.Mehran, R.Hagberg, C.Mena, G. E., Sustained reduction of discharge opioid prescriptions in an enhanced recovery after thoracic surgery program: A multilevel generalized linear model. Surgery. 2022;171;504-510	2
968	H. R. Abdul-Muhsin, N.Navaratnam, A.Woods, M.L'Esperance, J.Castle, E.Stroup, S., Outcomes of post-chemotherapy robot-assisted retroperitoneal lymph node dissection in testicular cancer: multi-institutional study. World Journal of Urology. 2021;39;3833-3838	5
969	H. H. Huang, W.Li, J.Xu, B.Yang, C.Zhang, W., Disturbance Observer-Based Fault-Tolerant Control for Robotic Systems With Guaranteed Prescribed Performance. IEEE Transactions on Cybernetics. 2022;52;772-783	7
970	H. Z. Wang, Z.Zhong, X.Chen, Q., Singular Configuration Analysis and Singularity Avoidance with Application in an Intelligent Robotic Manipulator. Sensors. 2022;22;6	7
971	P. L.-O. Ponce, C. F.Reyes, G. E. B.Lopez-Caudana, E.Parra, N. M.Molina, A., Use of Robotic Platforms as a Tool to Support STEM and Physical Education in Developed Countries: A Descriptive Analysis. Sensors. 2022;22;28	2
972	S. Walker, Robotic Companion Pets and Seniors With Dementia in Nursing Homes. Professional Case Management. 2022;27;85-90	2

973	E. F. De Vito-Francesco, A.Yang, Q.Nagar, B.Alvarez, R.Merkoci, A.Knutz, T.Haider, A.Stach, W.Ziegenbalg, F.Allabashi, R., An innovative autonomous robotic system for on-site detection of heavy metal pollution plumes in surface water. Environmental Monitoring & Assessment. 2022;194;122	7
974	J. P. Yu, J. Y.Hong, J. H.Hwang, J. H.Kim, Y. K., Effect of pneumoperitoneum and Trendelenburg position on internal carotid artery blood flow measured by ultrasound during robotic prostatectomy. Clinical Physiology & Functional Imaging. 2022;42;139-145	5
975	Z. S. Zhang, B.Ouyang, H.Cong, R.Xia, F.Li, X., Endoscopic Lateral Neck Dissection: A New Frontier in Endoscopic Thyroid Surgery. Frontiers in Endocrinology. 2021;12;796984	8
976	L. R. S. Tuecking, P.Windhagen, H.Jennings, S.Nathwani, D.Ettinger, M., Imageless robotic-assisted revision arthroplasty from UKA to TKA : Surgical technique and case-control study compared with primary robotic TKA. Orthopade. 2021;50;1018-1025	3
977	F. L. Gervasoni, A.Ricci, V.Salce, G.Andreoli, A.Visconti, A.Pantoni, L., Balance and visual reliance in post-COVID syndrome patients assessed with a robotic system: a multi-sensory integration deficit. Neurological Sciences. 2022;43;85-88	2
978	P. H. Lloyd, A.Furrer, M. A.Lee, E. W. Y.Dev, H. S.Coret, M. H.Adshead, J. M.Baldwin, P.Knight, R.Shamash, J.Alifrangis, C.Stoneham, S.Mazhar, D.Wong, H.Warren, A.Tran, B.Lawrentschuk, N.Neal, D. E.Thomas, B. C., A comparative study of peri-operative outcomes for 100 consecutive post-chemotherapy and primary robot-assisted and open retroperitoneal lymph node dissections. World Journal of Urology. 2022;40;119-126	13
979	G. Q. S. Zhang, R.Stem, M.Lo, B. D.Rajput, A.Efron, J. E.Atallah, C.Safar, B., Operative Approach Does Not Impact Radial Margin Positivity in Distal Rectal Cancer. World Journal of Surgery. 2021;45;3686-3694	12
980	W. L. Wang, Q.Zhao, Z. M.Tan, X. L.Wang, Z. Z.Zhang, K. D.Liu, R., Comparison of robotic and open pancreaticoduodenectomy for primary nonampullary duodenal adenocarcinoma: a retrospective cohort study. Langenbecks Archives of Surgery. 2022;407;167-173	12
981	P. W. Chang, A. A.Regan, M. M.Smith, J. A.Saigal, C. S.Litwin, M. S.Hu, J. C.Cooperberg, M. R.Carroll, P. R.Klein, E. A.Kibel, A. S.Andriole, G. L.Han, M.Partin, A. W.Wood, D. P.Crociani, C. M.Greenfield, T. K.Patil, D.Hembroff, L. A.Davis, K.Stork, L.Spratt, D. E.Wei, J. T.Sanda, M. G.Prost-Qa Rp Consortium, Prospective Multicenter Comparison of Open and Robotic Radical Prostatectomy: The PROST-QA/RP2 Consortium. Journal of Urology. 2022;207;127-136	12
982	E. T. Liatsikos, A.Kyriazis, I.Kallidonis, P.Manolopoulos, D.Magoutas, A., Market potentials of robotic systems in medical science: analysis of the Avatera robotic system. World Journal of Urology. 2022;40;283-289	1
983	M. R. Kostrzewa, A.Patz, T.Kuhne, M.Schoenberg, S. O.Diehl, S. J.Stallkamp, J.Rathmann, N., Robotic Assistance System for Cone-Beam Computed Tomography-Guided Percutaneous Needle Placement. Cardiovascular & Interventional Radiology. 2022;45;62-68	7
984	A. R. Smith, O.Mancuso, P.Sidhom, M.Wong, K.Berry, M.Forstner, D.Ngo, D.Bokey, L.Girgis, A., Low conflict and high satisfaction: Decisional outcomes after attending a combined clinic to choose between robotic prostatectomy and radiotherapy for prostate cancer. Urologic Oncology. 2022;40;8.e1-8.e9	4
985	L. L. Broudeur, T.Le Normand, L.Karam, G.Branchereau, J.Rigaud, J.Perrouin-Verbe, M. A., New technique of robot-assisted laparoscopic artificial urinary sphincter implantation in female by a posterior approach with intraoperative cystoscopic monitoring. World Journal of Urology. 2021;39;4221-4226	5

986	U. E. Carbonara, D.Derweesh, I.Capitanio, U.Celia, A.Fiori, C.Checcucci, E.Amparore, D.Lee, J.Larcher, A.Patel, D.Meagher, M.Crocerossa, F.Veccia, A.Hampton, L. J.Montorsi, F.Porpiglia, F.Autorino, R., Retroperitoneal versus transepritoneal robot-assisted partial nephrectomy for postero-lateral renal masses: an international multicenter analysis. World Journal of Urology. 2021;39;4175-4182	3
987	K. W. Baessler, S.Chiantera, V.Kohler, C.Sehouli, J., Sexual, bladder and bowel function following different minimally invasive techniques of radical hysterectomy in patients with early-stage cervical cancer. Clinical & Translational Oncology: Official Publication of the Federation of Spanish Oncology Societes & of the National Cancer Institute of Mexico. 2021;23;2335-2343	5
988	S. A. Li, Q.Liang, H.Liu, H.Yang, C.Deng, H.Zhong, Y.Zhang, J.He, J., Nonintubated Robotic-assisted Thoracic Surgery for Tracheal/Airway Resection and Reconstruction: Technique Description and Preliminary Results. Annals of Surgery. 2022;275;e534-e536	5
989	N. S. Siddiqi, S.Jootun, R.Mykoniatis, I.Flashman, K.Beable, R.David, G.Khan, J., Robotic Complete Mesocolic Excision (CME) is a safe and feasible option for right colonic cancers: short and midterm results from a single-centre experience. Surgical Endoscopy. 2021;35;6873-6881	5
990	K. H. Togashi, S.Okamoto, T.Kojima, Y.Iwamura, H.Fujita, N.Narita, T.Hamano, I.Hamaya, T.Yoneyama, T.Yamamoto, H.Yoneyama, T.Hashimoto, Y.Ohyama, C., Oncologic and patient-reported outcomes after robot-assisted radical prostatectomy in men aged >=75 years. Urologic Oncology. 2021;39;729.e17-729.e25	5
991	A. D. A. Asimakopoulos, F.Mugnier, C.Lopez, L.Hoepffner, J. L.Gaston, R.Piechaud, T., Robotic radical prostatectomy: analysis of midterm pathologic and oncologic outcomes: A historical series from a high-volume center. Surgical Endoscopy. 2021;35;6731-6745	5
992	S. M. Panteleimonitis, D.Bissett-Amess, R.Figueiredo, N.Turina, M.Spinoglio, G.Heald, R. J.Parvaiz, A.Earcs Collaborative, Short-term clinical outcomes of a European training programme for robotic colorectal surgery. Surgical Endoscopy. 2021;35;6796-6806	5
993	E. D. O. Mazzone, P.Rosiello, G.Puliatti, S.Brook, N.Turri, F.Larcher, A.Beato, S.Andras, I.Wisz, P.Pandey, A.De Groote, R.Schatteman, P.De Naeyer, G.D'Hondt, F.Mottrie, A., Technical Refinements in Superextended Robot-assisted Radical Prostatectomy for Locally Advanced Prostate Cancer Patients at Multiparametric Magnetic Resonance Imaging. European Urology. 2021;80;104-112	5
994	S. Y. L. Rho, J. G.Joo, D. J.Kim, M. S.Kim, S. I.Han, D. H.Choi, J. S.Choi, G. H., Outcomes of Robotic Living Donor Right Hepatectomy From 52 Consecutive Cases: Comparison With Open and Laparoscopy-assisted Donor Hepatectomy. Annals of Surgery. 2022;275;e433-e442	12
995	G. P. Li, N. A.Melzer, A.Sharma, K.Iordachita, I.Cleary, K., MRI-guided lumbar spinal injections with body-mounted robotic system: cadaver studies. Minimally Invasive Therapy & Allied Technologies: Mitat. 2022;31;297-305	7
996	M. G.-R. Spaggiari, R.Tulla, K. A.Okoye, O. T.Di Bella, C.Oberholzer, J.Jeon, H.Tzvetanov, I. G.Benedetti, E., Robotic Assisted Living Donor Nephrectomies: A Safe Alternative to Laparoscopic Technique for Kidney Transplant Donation. Annals of Surgery. 2022;275;591-595	5
997	M. F. Fan, Y.Zhang, Q.Zhao, J.Liu, B.Tian, W., A prospective cohort study of the accuracy and safety of robot-assisted minimally invasive spinal surgery. BMC Surgery. 2022;22;47	5
998	F. T. Piramide, F.Dell'oglio, P.Rocco, B.Larcher, A.Junior, Erus Y. A. U. Working Group on Robot-assisted Surgery of the European Association of Urology, Are we ready for single overnight stay after robot-assisted partial nephrectomy?. Minerva Urology and Nephrology. 2021;73;858-860	8

999	P. M. Diana, S.Kara, O.Pavan, N.Pecoraro, A.Carbonara, U.Campi, R.Amparore, D.E. A. U. Young Academic Urologists Renal Cancer working group, The impact of ischemic injury in patients with solitary kidneys: new cornerstones for contemporary "precision" robot-assisted partial nephrectomy. Minerva Urology and Nephrology. 2021;73;851-853	8
1000	A. P. Gallioli, B.Albisinni, S.Moschini, M.European Association of Urology-Young Academic Urologists : Urothelial Carcinoma Working, Group, Robot-assisted radical cystectomy: towards a future of sexual-sparing surgery?. Minerva Urology and Nephrology. 2021;73;697-699	8
1001	B. S. Mlambo, I. F.Li, Y.Wren, S. M., The impact of operative approach on postoperative outcomes and healthcare utilization after colectomy. Surgery. 2022;171;320-327	5
1002	D. B. Nasioudis, M.Ko, E. M.Haggerty, A. F.Cory, L.Giuntoli Ii, R. L.Kim, S. H.Latif, N. A., Minimally invasive hysterectomy for stage IA cervical carcinoma: a survival analysis of the National Cancer Database. International Journal of Gynecological Cancer. 2021;31;1099-1103	3
1003	Y. H. L. Kwak, H.Seon, K.Lee, Y. J.Lee, Y. J.Kim, S. W., Da Vinci SP Single-Port Robotic Surgery in Gynecologic Tumors: Single Surgeon's Initial Experience with 100 Cases. Yonsei Medical Journal. 2022;63;179-186	5
1004	S. C. Sforza, C.Negri, E.Bortot, G.Di Maida, F.Cito, G.Escolino, M.Esposito, C.Minervini, A.Masieri, L., Ureteral Reimplantation for Primary Obstructive Megaureter in Pediatric Patients: Is It Time for Robot-Assisted Approach?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2022;32;231-236	12
1005	K. H. P. Narsinh, R.Mueller, K.Caton, M. T.Baker, A.Higashida, R. T.Halbach, V. V.Dowd, C. F.Amans, M. R.Hetts, S. W.Norbash, A. M.Cooke, D. L., Robotics for neuroendovascular intervention: Background and primer. Neuroradiology Journal. 2022;35;25-35	8
1006	C. P. Gao, H.Sefati, S.Ma, J.Taylor, R.Unberath, M.Armand, M., Fluoroscopic Navigation for a Surgical Robotic System Including a Continuum Manipulator. IEEE Transactions on Biomedical Engineering. 2022;69;453-464	7
1007	M. E. Eksi, I.Akkas, F.Arikan, Y.Ozdemir, O.Ozlu, D. N.Ayten, A.Sahin, S.Tugcu, V.Tasci, A. I., Machine learning algorithms can more efficiently predict biochemical recurrence after robot-assisted radical prostatectomy. Prostate. 2021;81;913-920	5
1008	O. M. Martinez, C.Bsatee, A.Abaza, R., Impact of median lobe on urinary function after robotic prostatectomy. Prostate. 2021;81;832-837	5
1009	S. P. K. Basourakos, K.Moschovas, M. C.Dudley, V.Hung, A. J.Shoag, J. E.Patel, V.Hu, J. C., Robot-Assisted Radical Prostatectomy Maneuvers to Attenuate Erectile Dysfunction: Technical Description and Video Compilation. Journal of Endourology. 2021;35;1601-1609	8
1010	S. L. Cappuccio, Y.Song, C.Liu, E.Glaser, G.Casarin, J.Grassi, T.Butler, K.Magtibay, P.Magrina, J. F.Scambia, G.Mariani, A.Langstraat, C., The shift from inpatient to outpatient hysterectomy for endometrial cancer in the United States: trends, enabling factors, cost, and safety. International Journal of Gynecological Cancer. 2021;31;686-693	5
1011	O. K. Mahoney, T.Sodhi, N.Mont, M. A.Chen, A. F.Orozco, F.Hozack, W., Improved Component Placement Accuracy with Robotic-Arm Assisted Total Knee Arthroplasty. The Journal of Knee Surgery. 2022;35;337-344	12
1012	J. L. Du, E. J.Huang, H. H.Lau, W. K. O., Predictive value of neutrophil-to-lymphocyte ratio in diagnosis of early prostate cancer among men who underwent robotic transperineal prostate biopsy. Medicine. 2021;100;e28007	5

1013	G. R. Salvo, P. T.Leitao, M. M.Cibula, D.Wu, X.Falconer, H.Persson, J.Perrotta, M.Mosgaard, B. J.Kucukmetin, A.Berlev, I.Rendon, G.Liu, K.Vieira, M.Capilna, M. E.Fotopoulou, C.Baiocchi, G.Kaidarova, D.Ribeiro, R.Pedra-Nobre, S.Kocian, R.Li, X.Li, J.Palsdottir, K.Noll, F.Rundle, S.Ulrikh, E.Hu, Z.Gheorghe, M.Saso, S.Bolatbekova, R.Tsunoda, A.Pitcher, B.Wu, J.Urbauer, D.Pareja, R., Open vs minimally invasive radical trachelectomy in early-stage cervical cancer: International Radical Trachelectomy Assessment Study. American Journal of Obstetrics & Gynecology. 2022;226;97.e1-97.e16	2
1014	M. T. G. Turner, M. N.Ramadan, J.Moskovitz, J. M.Ferris, R. L.Wang, E. W.Kim, S., The Nasoseptal Flap for Reconstruction of Lateral Oropharyngectomy Defects: A Clinical Series. Laryngoscope. 2022;132;53-60	5
1015	Y. Z. Han, Y.Zhang, W.Xiang, J.Chen, K.Huang, M.Li, H., Learning curve for robot-assisted Ivor Lewis esophagectomy. Diseases of the Esophagus. 2022;35;11	5
1016	U. L. Carbonara, J.Crocerossa, F.Veccia, A.Hampton, L. J.Eun, D.Autorino, R., Single overnight stay after robot-assisted partial nephrectomy: a bi-center experience. Minerva Urology and Nephrology. 2021;73;773-780	5
1017	N. C.-K. Grilo, E.Grande, P.Crettenand, F.Parra, J.Phe, V., Robot-assisted Supratrigonal Cystectomy and Augmentation Cystoplasty with Totally Intracorporeal Reconstruction in Neurourological Patients: Technique Description and Preliminary Results. European Urology. 2021;79;858-865	5
1018	L. A. Galansky, C.Adamic, B.Gundeti, M. S., Continent Cutaneous Catheterizable Channels in Pediatric Patients: A Decade of Experience with Open and Robotic Approaches in a Single Center. European Urology. 2021;79;866-878	12
1019	U. B. Anceschi, A.Bertolo, R.Tuderti, G.Ferriero, M. C.Mastroianni, R.Flammia, R. S.Costantini, M.Kaouk, J.Leonardo, C.Gallucci, M.Simone, G., On-clamp versus purely off-clamp robot-assisted partial nephrectomy in solitary kidneys: comparison of perioperative outcomes and chronic kidney disease progression at two high-volume centers. Minerva Urology and Nephrology. 2021;73;739-745	3
1020	J. M. Egan, S.Carvalho, F. L. F.Davis, M.O'Neill, J.Lee, H.Lynch, J. H.Hankins, R. A.Hu, J. C.Kowalczyk, K. J., Retzius-sparing Robot-assisted Radical Prostatectomy Leads to Durable Improvement in Urinary Function and Quality of Life Versus Standard Robot-assisted Radical Prostatectomy Without Compromise on Oncologic Efficacy: Single-surgeon Series and Step-by-step Guide. European Urology. 2021;79;839-857	3
1021	B. Rocco, What's the near future of robotic surgery. Urologia (Treviso). 2022;89;44624	12
1022	T. A. C. Burghgraef, RmphVerheijen, P. M.Fahim, M.van Geloven, A.Leijtens, J. W. A.Pronk, A.Smits, A. B.Verdaasdonk, E. G. G.Consten, E. C. J., Robot-Assisted Total Mesorectal Excision Versus Laparoscopic Total Mesorectal Excision: A Retrospective Propensity Score-Matched Cohort Analysis in Experienced Centers. Diseases of the Colon & Rectum. 2022;65;218-227	12
1023	R. T. Philips, M. C.Vimawala, S.Luginbuhl, A.Curry, J. M.Cognetti, D. M., Risk factors for gastrostomy tube dependence in transoral robotic surgery patients. American Journal of Otolaryngology. 2022;43;103175	5
1024	R. B. Mancini, M.Pattaro, G.Ioni, L.Picconi, T.Pernazza, G.A.O. San Giovanni - Addolorata, Rome, The role of telemedicine in the postoperative home monitoring after robotic colo-rectal cancer surgery: a preliminary single center experience. Updates in Surgery. 2022;74;171-178	2
1025	W. Y. Ding, J.Liu, F.Yu, X.Cheng, Z.Han, Z.Liang, P., Percutaneous microwave ablation versus robot-assisted hepatectomy for early hepatocellular carcinoma: A real-world single-center study. Digestive & Liver Disease. 2022;54;243-250	12

1026	N. A. B. Manley, J. B.Shade, M. Y.Jain, I.Kim, J.Chirackal, R. S.Byers, M. L.Bishop, K. I.Ashraf, M. S.Tyner, L. K.Stream, S. E.Potter, J. F., A Robotic Device to Enhance Nursing Home Provider Telepresence During and After the COVID-19 Pandemic. Journal of the American Medical Directors Association. 2022;23;311-314.e2	2
1027	S. K. Matsuda, H.Irino, T.Kitagawa, Y., Role sharing between minimally invasive oesophagectomy and organ preservation approach for surgically resectable advanced oesophageal cancer. Japanese Journal of Clinical Oncology. 2022;52;108-113	8
1028	G. P. Rosiello, P.Puliatti, S.Mazzone, E.Amato, M.Tames, V.Farinha, R.De Groote, R.Berquin, C.Develtere, D.Sinatti, C.Larcher, A.Capitanio, U.D'Hondt, F.Schatteman, P.Briganti, A.Montorsi, F.De Naeyer, G.Mottrie, A., Simplified PADUA renal (SPARE) nephrometry score validation and long-term outcomes after robot-assisted partial nephrectomy. Urologic Oncology. 2022;40;65.e1-65.e9	5
1029	A. H. R. Kim, N. H.Yamzon, J.Zhumkhawala, A. A.Lau, C. S.Yuh, B. E.Chan, K. G., Novel Antibiotic-Irrigating Wound Protector Reduces Infectious Complications in Robot-Assisted Radical Cystectomy with Extracorporeal Urinary Diversion. Urology. 2022;159;160-166	5
1030	H. L. R. d. P. Simon, T.Spigel, Z. A.Keller, D. S., National disparities in use of minimally invasive surgery for rectal cancer in older adults. Journal of the American Geriatrics Society. 2022;70;126-135	3
1031	Y. H. P. Ko, S. W.Ha, U. S.Joung, J. Y.Jeong, S. H.Byun, S. S.Jeon, S. S.Kwak, C., A comparison of the survival outcomes of robotic-assisted radical prostatectomy and radiation therapy in patients over 75 years old with non-metastatic prostate cancer: A Korean multicenter study. Investigative And Clinical Urology. 2021;62;535-544	3
1032	S. K. J. Kang, W. S.Kim, S. H.Kim, S. W.Han, S. W.Lee, Y. S., Comparison of intraoperative and short-term postoperative outcomes between robot-assisted laparoscopic multi-port pyeloplasty using the da Vinci Si system and single-port pyeloplasty using the da Vinci SP system in children. Investigative And Clinical Urology. 2021;62;592-599	3
1033	F. J. B. Hinsenveld, J. L.van der Poel, H. G.van der Schoot, D. K. E.Vis, A. N.Aben, K. K. H.Arends, T. J.Ausems, P. J.Baselmans, D.Berger, C.Berrens, A.Bickerstaffe, H.Bos, S. D.Braam, M.Buddingh, K. T.Claus, S.Dekker, K.van Doeveren, T.Einerhand, S.Fossion, L.van Gennep, E. J.van Ginkel, N.Palacios, G.Hermans, T.Hobijn, M. M.van Huystee, S. H.Jaspers-Valentijn, M.Klaver, O. S.Koldewijn, E. L.Korsten, L.Lenting, A.Lentjes, K. J.Luiting, H. B.van der Meer, S.Nieuwenhuijzen, J. A.Noordzij, M. A.Nooter, R. I.Notenboom, C.Oomen, R.van Roermund, J.de Rooij, J.Roshani, H.Schrier, B. P.van der Slot, M. A.Somford, D. M.Stelwagen, P. J.Stroux, A.van der West, A.Wijsman, B. P.Windt, W.van Zanten, P.van Beek, S. C.Dutch Cystectomy Snapshot, Group, Intermediate-term survival of robot-assisted versus open radical cystectomy for muscle-invasive and high-risk non-muscle invasive bladder cancer in The Netherlands. Urologic Oncology. 2022;40;60.e1-60.e9	13
1034	J. M. Lussi, M.Sevim, S.Grigis, F.De Marco, C.Chautems, C.Pane, S.Puigmarti-Luis, J.Boehler, Q.Nelson, B. J., A Submillimeter Continuous Variable Stiffness Catheter for Compliance Control. Advanced science. 2021;8;e2101290	7
1035	T. H. Crisostomo-Wynne, A.Banti, M.Brand, T.Caras, R., Comparison of Robotic Surgery Video Quality Between YouTube and Curated Sources Using GEARS Criteria. Urology. 2021;156;44-46	3

1036	A. L. Hagman, A.Carlsson, S.Hoijer, J.Stranne, J.Tyritzis, S. I.Haglind, E.Bjartell, A.Hugosson, J.Akre, O.Steineck, G.Wiklund, P., Urinary continence recovery and oncological outcomes after surgery for prostate cancer analysed by risk category: results from the LAParoscopic prostatectomy robot and open trial. World Journal of Urology. 2021;39;3239-3249	12
1037	D. Y. Xu, Z.Qi, J.Mundhenk, J.Zanker, P.Schwentner, C.Lei, Y., Early urinary continence recovery following retzius-sparing robotic-assistant radical prostatectomy with suprapubic catheter: a short-term follow-up outcome. World Journal of Urology. 2021;39;3251-3257	5
1038	H. Z. Shahine, M.Zakaria, A. S.Nguyen, D. D.Couture, F.Sadri, I.Schwartz, R.Arezki, A.Elterman, D.El-Hakim, A.Zorn, K. C., Oncological safety and functional outcomes of testosterone replacement therapy in symptomatic adult-onset hypogonadal prostate cancer patients following robot-assisted radical prostatectomy. World Journal of Urology. 2021;39;3223-3229	5
1039	L. S. Bianchi, R.Bortolani, B.Cercenelli, L.Gaudiano, C.Carpani, G.Rustici, A.Droghetti, M.Mottaran, A.Boschi, S.Salvador, M.Chessa, F.Cochetti, G.Golfieri, R.Bertaccini, A.Marcelli, E., Interpreting nephrometry scores with three-dimensional virtual modelling for better planning of robotic partial nephrectomy and predicting complications. Urologic Oncology. 2021;39;836.e1-836.e9	2
1040	T. H. Spitznagel, J. V.Schmid, F. A.Rupp, N. J.Westhoff, N.Worst, T. S.Weis, C. A.Mortezavi, A.Eberli, D., Salvage Robotic-assisted Laparoscopic Radical Prostatectomy Following Focal High-Intensity Focused Ultrasound for ISUP 2/3 Cancer. Urology. 2021;156;147-153	5
1041	R. M. G. Ortiz, B.O'Rourke, T. K.Sobel, D. W.Pillsbury, L.T. Tucci CCaffery, P.Golijanin, D., Direct Oral Anticoagulants for Venous Thromboembolism Prophylaxis Following Robot-assisted Radical Cystectomy: A Retrospective Feasibility Study at a Single Academic Medical Center. Urology. 2021;156;154-162	5
1042	R. D. Schiavina, M.Bianchi, L.Ercolino, A.Chessa, F.Casablanca, C.Piazza, P.Mottaran, A.Recenti, D.Salvador, M.Cacciapuoti, C.Boschi, S.Giampaoli, M.Bertaccini, A.Romagnoli, D.Porreca, A., The robotic approach improves the outcomes of ERAS protocol after radical cystectomy: A prospective case-control analysis. Urologic Oncology. 2021;39;833.e1-833.e8	13
1043	J. C. M. Dai, T. N.Kusin, S.Kommidi, V.Garbens, A.Cadeddu, J. A.Gahan, J. C., Use of Pre-operative Pharmacologic Venous Thromboembolism Prophylaxis for Robotic Partial Nephrectomy. Urology. 2021;154;177-183	5
1044	P. B. L. Murthy, Z.Munoz Lopez, C.Ericson, J. Z. K.Thomas, L.Caveney, M.Gerber, D.Khanna, A.Abouassaly, R.Haber, G. P.Lee, B. H., Comparison of Oncologic Outcomes Following Open and Robotic-assisted Radical Cystectomy with both Extracorporeal and Intracorporeal Urinary Diversion. Urology. 2021;154;184-190	13
1045	Z. L. Lee, M.Lee, R.Koster, H.Cheng, N.Siev, M.Jun, M.Munver, R.Ahmed, M.Zhao, L. C.Stifelman, M. D.Eun, D. D.Collaborative of Reconstructive Robotic Ureteral, Surgery, Ureteral Rest is Associated With Improved Outcomes in Patients Undergoing Robotic Ureteral Reconstruction of Proximal and Middle Ureteral Strictures. Urology. 2021;152;160-166	5
1046	B. P. Desroches, J.Bhayani, S.Figenshau, R.Liu, P. Y.Stifelman, M., Comparison of the Safety and Efficacy of Valveless and Standard Insufflation During Robotic Partial Nephrectomy: A Prospective, Randomized, Multi-institutional Trial. Urology. 2021;153;185-191	3
1047	M. E. Capilli, F.Federici, M.Comandone, T., Increasing pharmacy productivity and reducing medication turnaround times in an Italian comprehensive cancer center by implementing robotic chemotherapy drugs compounding. Journal of Oncology Pharmacy Practice. 2022;28;353-361	2

1048	C. J. M. Wijburg, C. T. J.Hannink, G.Grutters, J. P. C.Rovers, M. M.Alfred Witjes, J.Race Study Group, Robot-assisted Radical Cystectomy Versus Open Radical Cystectomy in Bladder Cancer Patients: A Multicentre Comparative Effectiveness Study. European Urology. 2021;79;609-618	13
1049	M. C. B. Moschovas, S.Sandri, M.Rogers, T.Onol, F.Mazzone, E.Roof, S.Mottrie, A.Patel, V., Comparing the Approach to Radical Prostatectomy Using the Multiport da Vinci Xi and da Vinci SP Robots: A Propensity Score Analysis of Perioperative Outcomes. European Urology. 2021;79;393-404	3
1050	L. G. Lenfant, J.Sawczyn, G.Wilson, C. A.Aminsharifi, A.Kim, S.Schwen, Z.Bertolo, R.Kaouk, J., Robot-assisted Radical Prostatectomy Using Single-port Perineal Approach: Technique and Single-surgeon Matched-paired Comparative Outcomes. European Urology. 2021;79;384-392	3
1051	D. R. Wong, J.Henning, G.Smith, Z.Kim, E., Retzius Sparing Prostatectomy Effect on Symptomatic Lymphocele Rates. Urology. 2021;149;129-132	2
1052	G. W. J. Dy, M. S.Blasdel, G.Bluebond-Langner, R.Zhao, L. C., Outcomes of Gender Affirming Peritoneal Flap Vaginoplasty Using the Da Vinci Single Port Versus Xi Robotic Systems. European Urology. 2021;79;676-683	3
1053	C. A. A. Wilson, A.Sawczyn, G.Garisto, J. D.Yau, R.Eltemamy, M.Kim, S.Lenfant, L.Kaouk, J., Outpatient Extraperitoneal Single-Port Robotic Radical Prostatectomy. Urology. 2020;144;142-146	5
1054	H. H. J. Gudmundsdottir, A.Fridriksson, J. O.Hilmarsson, R.Gudmundsson, E. O.Gudjonsson, S.Jonsson, E., Transition from open to robotically assisted approach on radical prostatectomies in Iceland. A nationwide, population-based study. Scandinavian Journal of Urology. 2022;56;53-58	12
1055	J. J. Han, Y. T.Ryu, J. H.Oh, A. Y.Kim, H.Bae, Y. K.Koo, C. H., Blood transfusion had no influence on the 5-year biochemical recurrence after robot-assisted radical prostatectomy: a retrospective study. BMC Urology. 2021;21;160	5
1056	M. K. Okada, K.Sasaki, K.Nozawa, H.Kaneko, M.Murono, K.Emoto, S.Iida, Y.Ishii, H.Yokoyama, Y.Anzai, H.Sonoda, H.Ishihara, S., Intervention Strategies to Reduce Surgical Site Infection Rates in Patients Undergoing Rectal Cancer Surgery. In Vivo. 2022;36;439-445	2
1057	C. K. S. Fitzsimmons, A. J.Kennard, J. A.Manyam, M.Pepe, J. W.Ahmad, S.McKenzie, N. D.Kendrick, J. E.Holloway, R. W., Carcinomatosis in Early-Stage Cervical Cancer Treated with Robotic Radical Hysterectomy: Recurrence Patterns, Risk Factors, and Survival. Annals of Surgical Oncology. 2022;29;2006-2013	5
1058	M. J. P. Simoff, M. A.Reisenauer, J. S.Ost, D. E.Majid, A.Keyes, C.Casal, R. F.Parikh, M. S.Diaz-Mendoza, J.Fernandez-Bussy, S.Folch, E. E., Shape-sensing robotic-assisted bronchoscopy for pulmonary nodules: initial multicenter experience using the Ion TM Endoluminal System. BMC Pulmonary Medicine. 2021;21;322	2
1059	A. A. G. Myers, L. E.Haehn, D. A.Bajalia, E. M.Ball, C. T.Thiel, D. D., Evaluation of Peri-operative Outcomes Associated With Resident Involvement on Tumor Resection and Renorrhaphy During Robotic-assisted Partial Nephrectomy. Urology. 2021;157;143-147	5
1060	R. A. J. Wyatt, S. T.Canon, S. J.Patel, A. S.Zamilpa, I., Hydronephrosis and Hydroureter Improvement Rates in Robotic-Assisted Laparoscopic Uretero-Ureterostomies: Does Anastomotic Site Matter?. Urology. 2021;158;180-183	3
1061	A. F. Levy, A.Jackson, M.Waisman, A.Chan, M.Kleeman, A.Crociani, C.McAnally, K.Leader, J.Warnhoff, M.Jiang, D.Wagner, A.Chang, P., Using Preoperative Pelvic Floor Assessment to Predict Early Return of Continence after Robotic Radical Prostatectomy. Urology. 2021;155;160-164	2
1062	Y. N. Okuda, A.Sato, T.Kurata, M.Shimoyama, I.Oda, T.Ohkohci, N., New device with force sensors for laparoscopic liver resection - investigation of grip force and histological damage. Minimally Invasive Therapy & Allied Technologies: Mitat. 2022;31;28-33	2

1063	J. S. Kaouk, G.Wilson, C.Aminsharifi, A.Fareed, K.Garisto, J.Lenfant, L., Single-Port Percutaneous Transvesical Simple Prostatectomy Using the SP Robotic System: Initial Clinical Experience. Urology. 2020;141;173-177	5
1064	C. L. Ibanez Jimenez, A.Ringold, F., Novel multifunctional robotically assisted bipolar instrument for simultaneous radiofrequency sealing and transection: preclinical and single-center experience. BMC Surgery. 2022;22;37	5
1065	R. K. Jaganmurugan, M.Sukumar, V.Gori, J.Prakash, G.Pal, M.Bakshi, G.de Souza, A.Saklani, A., Bladder preserving robotic pelvic exenteration for locally advanced rectal cancer-technique and short-term outcomes. Journal of Surgical Oncology. 2022;125;493-497	5
1066	A. M. K. Williams, R. G.Zhao, L.Grenda, T. R.Bergquist, C. S.Brescia, A. A.Kilbane, K.Barrett, E.Chang, A. C.Lynch, W.Lin, J.Wakeam, E.Lagisetty, K. H.Orringer, M. B.Reddy, R. M., Similar Quality of Life After Conventional and Robotic Transhiatal Esophagectomy. Annals of Thoracic Surgery. 2022;113;399-405	13
1067	C. A. P. Stewart, S.Zhao, H.Dallas, K.Gonzalez, G.Gonzales-Alabastro, C.Ackerman, A. L.Eilber, K.Anger, J. T., Outcomes of Prophylactic Mid-Urethral Sling at the Time of Robotic Sacrocolpopexy. Urology. 2021;150;130-133	5
1068	A. M. B. Samar, A.Ranaboldo, C., Comparison of FreeHand^R robot-assisted with human-assisted laparoscopic fundoplication. Minimally Invasive Therapy & Allied Technologies: Mitat. 2022;31;24-27	12
1069	M. D. Brancadoro, M.Boushaki, M. N.Staderini, F.Sinibaldi, E.Capineri, L.Cianchi, F.Biffi Gentili, G.Menciassi, A., A novel microwave tool for robotic liver resection in minimally invasive surgery. Minimally Invasive Therapy & Allied Technologies: Mitat. 2022;31;42-49	7
1070	N. N. M. Sooknanan, S.George, J. C., Robotic Percutaneous Coronary Intervention During COVID-19 Pandemic: Outcomes and Cost Effectiveness With Procedural Distancing. Journal of Invasive Cardiology. 2022;34;E87-E91	5
1071	C. M. L. Wright, D. Y.Shimunov, D.Carmona, R.Barsky, A. R.Sun, L.Cohen, R. B.Bauml, J. M.Brody, R. M.Basu, D.Rassekh, C. H.Chalian, A. A.Newman, J. G.Rajasekaran, K.Weinstein, G. S.Lukens, J. N.Lin, A.Swisher-McClure, S., Definitive tumor directed therapy confers a survival advantage for metachronous oligometastatic HPV-associated oropharyngeal cancer following trans-oral robotic surgery. Oral Oncology. 2021;121;105509	5
1072	A. V. Finegersh, R. S.Panuganti, B.Faraji, F.Holsinger, F. C.Brumund, K. T.Coffey, C.Califano, J.Orosco, R. K., Robotic surgery may improve overall survival for T1 and T2 tumors of the hypopharynx: An NCDB cohort study. Oral Oncology. 2021;121;105440	5
1073	C. M. Kim, E.Kulich, M.Swanson, M. S., Surgeon practice patterns in transoral robotic surgery for HPV-related oropharyngeal cancer. Oral Oncology. 2021;121;105460	2
1074	R. S. Madi, R. K.Hiffa, A.Thomas, E.Terris, M. K.Klaassen, Z., Early Experience with Salvage Retzius-sparing Robotic-assisted Radical Prostatectomy: Oncologic and Functional Outcomes. Urology. 2021;149;117-121	5
1075	J. U. Lindsay, S.Moschonas, D.Pavlakis, P.Perry, M.Patil, K.Kusuma, V. R. M., Patient Satisfaction and Regret After Robot-assisted Radical Prostatectomy: A Decision Regret Analysis. Urology. 2021;149;122-128	5
1076	H. K. Naito, T.Ishikawa, R.Tanaka, K.Ueda, N.Matsuoka, Y.Miyauchi, Y.Taoka, R.Tsunemori, H.Haba, R.Nishiyama, Y.Sugimoto, M.Kakehi, Y., The Impact of Histopathological Features of Prostate Cancerous Lesions on Multiparametric Magnetic Resonance Imaging Findings using PI-RADS Version 2. Urology. 2021;149;174-180	2

1077	E. M. P. Bajalia, K. A.Haehn, D. A.Kahn, A. E.Ball, C. T.Thiel, D. D., Determinants and Implications of Excised Parenchymal Mass on Robotic-Assisted Partial Nephrectomy Outcomes. Urology. 2020;145;141-146	5
1078	N. A. E. Aldhaam, A. S.Hussein, A. A.Siam, A.Osei, J.Jing, Z.Babar, T.Graton, M.Kurtz, T.Johnson, T.Rowan, S.Miller, C.Li, Q.Guru, K. A., Impact of Perioperative Multidisciplinary Rehabilitation Pathway on Early Outcomes after Robot-assisted Radical Cystectomy: A Matched Analysis. Urology. 2021;147;155-161	2
1079	R. M. Ghandour, A. F.Singla, N.Meng, X.Enikeev, D.Woldu, S.Bagrodia, A.Cadeddu, J.Gahan, J.Margulis, V., Feasibility and Safety of Robotic Excision of Ipsilateral Retroperitoneal Recurrence After Nephrectomy for Renal Cell Carcinoma. Urology. 2020;145;159-165	5
1080	K. J. T. Ericson, L. J.Zhang, J. H.Knorr, J. M.Khanna, A.Crane, A.Zampini, A. M.Murthy, P. B.Berglund, R. K.Pascal-Haber, G.Lee, B. H. L., Uretero-Enteric Anastomotic Stricture Following Radical Cystectomy: A Comparison of Open, Robotic Extracorporeal, and Robotic Intracorporeal Approaches. Urology. 2020;144;130-135	13
1081	E. M. P. Bajalia, K. A.Haehn, D. A.Kahn, A. E.Ball, C. T.Thiel, D. D., Assessment of Advanced Perioperative Outcomes to Identify the True Learning Curve of Robotic-assisted Partial Nephrectomy. Urology. 2020;144;136-141	5
1082	R. B. Mehrazin, E.Say, R.Winoker, J. S., Ambulatory Robotic-Assisted Partial Nephrectomy: Safety and Feasibility Study. Urology. 2020;143;137-141	5
1083	S. Z. Beck, L.Holthusen, C.Rademacher, C.von Breunig, F.Tennstedt, P.Haese, A.Graefen, M.Zollner, C.Fischer, M., Comparison of Cognitive Function After Robot-Assisted Prostatectomy and Open Retropubic Radical Prostatectomy: A Prospective Observational Single-Center Study. Urology. 2020;139;110-117	12
1084	S. A. Kadri, N.Muhammad, A. G.Saeed, K.Ahmad Hashmi, S. F.Mahmood, T., Demographic variables of Vestibular schwannoma's patients presented in Radio Surgical out- patient department of Cyberknife Robotic Radiosurgery, JPMC Karachi. JPMA - Journal of the Pakistan Medical Association. 2022;72;62-65	5
1085	G. S. Torregrossa, M. P.Van den Eynde, J.Sicouri, S.Wertan, M. C.Ramlawi, B.Sutter, F. P., Robotic hybrid coronary revascularization versus conventional off-pump coronary bypass surgery in women with two-vessel disease. Journal of Cardiac Surgery. 2022;37;501-511	13
1086	E. C. P. Hacker, M. M.Yu, M.Gul, Z. G.Jacobs, B. L.Davies, B. J., Large Variation in International Prescribing Rates of Opioids After Robotic Prostatectomy. Urology. 2022;159;93-99	2
1087	T. N. D. Morgan, J. C.Kusin, S.Kommidi, V.Garbens, A.Gahan, J.Cadeddu, J. A., Clinical Outcomes of Robotic Assisted Partial Nephrectomy for Pathologic T3a Renal Masses With Venous Tumor Thrombus. Urology. 2022;159;120-126	5
1088	J. G. Li, X.Li, P.Xiao, L.Chang, X.Ouyang, X.Tang, J., Application of Da Vinci robotic surgery system in cervical cancer: A single institution experience of 557 cases. Asian Journal of Surgery. 2022;45;707-711	5
1089	A. G. S. Reddy, A. D.Darwish, C.Whalen, M. J., Oncologic Outcomes for Robotic Vs. Open Radical Cystectomy Among Locally Advanced and Node-Positive Patients: Analysis of The National Cancer Database. Clinical Genitourinary Cancer. 2021;19;547-553	13
1090	M. E. A.-M. Tarr, B. L.Vilasagar, S.Myers, E. M., Validation of a Simulation Model for Robotic Sacrocolpopexy. Female Pelvic Medicine & Reconstructive Surgery. 2022;28;14-19	7

1091	L. C. Piccinini, V.Storm, F.Di Girolamo, G.Biffi, E.Galli, M.Condoluci, C., Quantification of the effects of robotic-assisted gait training on upper and lower body strategy during gait in diplegic children with Cerebral Palsy using summary parameters. Computer Methods in Biomechanics & Biomedical Engineering. 2022;25;140-147	2
1092	J. A. K. Grosek, J.Sever, P.Erculj, V.Tomazic, A., Robotic versus laparoscopic surgery for colorectal cancer: a case-control study. Radiology & Oncology. 2021;55;433-438	12
1093	S. K. Yamashita, H.Deguchi, R.Ueda, Y.Higuchi, M.Muraoka, S.Koike, H.Kikkawa, K.Kohjimoto, Y.Hara, I., Natural History of Asymptomatic Pseudoaneurysm Soon After Robot-assisted Partial Nephrectomy: Single-center Prospective Study. Urology. 2021;148;145-150	5
1094	M. M. Kubota, T.Yamasaki, T.Kokubun, H.Hagimoto, H.Murata, S.Makita, N.Suzuki, I.Abe, Y.Tohi, Y.Tsutsumi, N.Inoue, K.Kawakita, M., Effect of Continued Perioperative Anticoagulant Therapy on Bleeding Outcomes Following Robot-assisted Radical Prostatectomy. Urology. 2021;148;151-158	5
1095	R. M. Abaza, C.Bsatee, A.Brown, D. H., Jr.Martinez, O., Single-port Robotic Surgery Allows Same-day Discharge in Majority of Cases. Urology. 2021;148;159-165	3
1096	S. H. Du, Q.Yu, H.Shen, D.Gu, L.Yan, F.Liu, F.Zhang, X.Ma, X.Wang, B., Initial Series of Robotic Segmental Inferior Vena Cava Resection in Left Renal Cell Carcinoma With Caval Tumor Thrombus. Urology. 2020;142;125-132	5
1097	H. M. C. Paterson, S.Norrie, J.Nimmo, S.Foo, I.Balfour, A.Speake, D.MacLennan, G.Stoddart, A.Innes, K.Cameron, S.Aucott, L.McCormack, K., The ALLEGRO trial: a placebo controlled randomised trial of intravenous lidocaine in accelerating gastrointestinal recovery after colorectal surgery. Trials [Electronic Resource]. 2022;23;84	2
1098	W. J. Abou Chedid, S.Kavanagh, L.Eden, C., A pilot study to investigate the effect of topical microporous polysaccharide haemospheres on outcomes following robot-assisted radical prostatectomy. Annals of the Royal College of Surgeons of England. 2022;104;24-27	5
1099	A. N. Obermair, J.Gebski, V.Hayes, S. C.Graves, N.Mileshkin, L.Lin, M. Y.Beale, P.Baxter, E.Robledo, K.Salomon, C.Hanna, G. B.Janda, M., A phase III randomized clinical trial comparing sentinel node biopsy with no retroperitoneal node dissection in apparent early-stage endometrial cancer - ENDO-3: ANZGOG trial 1911/2020. International Journal of Gynecological Cancer. 2021;31;1595-1601	2
1100	Z. J. Zhao, Y.Chen, J.Lu, B.Ng, C. F.Liu, Y. H.Dou, Q.Heng, P. A., Anchor-guided online meta adaptation for fast one-Shot instrument segmentation from robotic surgical videos. Medical Image Analysis. 2021;74;102240	7
1101	H. S. G. L. Morales, R. R.Lopez, G. G. P.Mondragon, P. J. C.Cortes, D. V.Hernandez, H. S.Guiot, M. L.Camacho, F. M. R., Surgical approach to uterine myomatosis in patients with infertility: open, laparoscopic, and robotic surgery; results according to the quantity of fibroids. JBRA Assisted Reproduction. 2022;26;44-49	13
1102	K. S. Chen, A.Kagawa, H.Hino, H.Manabe, S.Yamaoka, Y.Kato, S.Hanaoka, M.Saito, K.Maeda, C.Kojima, T.Shioi, I.Nanishi, K.Tanaka, Y.Kasai, S., Efficacy of a robotic stapler on symptomatic anastomotic leakage in robotic low anterior resection for rectal cancer. Surgery Today. 2022;52;120-128	5
1103	J. B. Kaouk, A. T.Abou Zeinab, M.Duncan, A.Schwen, Z. R.Eltemamy, M., Single Port Transvesical Robotic Radical Prostatectomy: Initial Clinical Experience and Description of Technique. Urology. 2021;155;130-137	5
1104	Z. L. Lee, M.Keehn, A. Y.Asghar, A. M.Strauss, D. M.Eun, D. D., Intermediate-term Urinary Function and Complication Outcomes After Robot-Assisted Simple Prostatectomy. Urology. 2020;141;89-94	5

1105	A. S. A. Elsayed, N. A.Jing, Z.Osei, J. A.Hull, B.Nagra, A.Siam, A.Li, Q.Hussein, A. A.Guru, K. A., The Effect of Complexity of the Surgical Field on Perioperative Outcomes of Robot-Assisted Radical Cystectomy. Urology. 2020;141;95-100	5
1106	K. S. J. Faraj, N. Z.Rose, K. M.Eversman, S.Richards, J.Blodgett, G.Singh, V.DeLucia, N. M.Humphreys, M. R.Castle, E. P.Tyson, M. D., 2nd, How the Beneficial Effects of Alvimopan Differ With Surgical Approach for Radical Cystectomy. Urology. 2020;140;107-114	2
1107	R. D. Li, J. J.Petros, F. G.Gonzalez, G. M. N.Tu, S. M.Karam, J. A.Huynh, T. T.Ward, J. F., Robotic Postchemotherapy Retroperitoneal Lymph Node Dissection for Testicular Cancer. European Urology Oncology. 2021;4;651-658	12
1108	A. F. Martini, U. G.Cumarasamy, S.Abaza, R.Eun, D. D.Bhandari, A.Porter, J. R.Hemal, A. K.Badani, K. K., Defining Risk Categories for a Significant Decline in Estimated Glomerular Filtration Rate After Robotic Partial Nephrectomy: Implications for Patient Follow-up. European Urology Oncology. 2021;4;498-501	5
1109	C. P. L. Hou, Y. H.Yang, P. S.Chang, P. L.Chen, C. L.Lin, K. Y.Juang, H. H.Weng, S. C.Tsui, K. H., Clinical Outcome of Endoscopic Enucleation of the Prostate Compared With Robotic-Assisted Simple Prostatectomy for Prostates Larger Than 80 cm³ in Aging Male. American Journal of Mens Health. 2021;15;15579883211064100	3
1110	Y. J. Lei, J.Zhu, S.Yi, B.Li, J., Comparison of the short-term efficacy of two types of robotic total mesorectal excision for rectal cancer. Techniques in Coloproctology. 2022;26;19-28	5
1111	B. L. Kang, Y.Piao, T.Ding, Z.Wang, W. D., Robotic soft swim bladder using liquid-vapor phase transition. Materials Horizons. 2021;8;939-947	7
1112	P. A. T. Drakeford, S. Q.Kwek, J. L.Lim, V.Lim, C. J.How, K. Y.Ljungqvist, O., Acute Kidney Injury within an Enhanced Recovery after Surgery (ERAS) Program for Colorectal Surgery. World Journal of Surgery. 2022;46;19-33	2
1113	M. Y. Groysman, S. K.Robbins, J. R.Hsu, C. C.Julian, R.Bauman, J. E.Baker, A.Wang, S. J.Bearelly, S., The impact of socioeconomic and geographic factors on access to transoral robotic/endoscopic surgery for early stage oropharyngeal malignancy. American Journal of Otolaryngology. 2022;43;103243	4
1114	M. K. T. Kamel, F.Keane, C. A.Blebea, J., National Trends and Perioperative Outcomes of Robotic-assisted Hepatectomy in the USA: A Propensity-score Matched Analysis from the National Cancer Database. World Journal of Surgery. 2022;46;189-196	12
1115	S. H. Kisinde, X.Hesselbacher, S.Lieberman, I. H., The predictive accuracy of surgical planning using pre-op planning software and a robotic guidance system. European Spine Journal. 2021;30;3676-3687	5
1116	D. D. Viox, R.Balkhy, H. H.Cormican, D.Bhatt, H.Savadjian, A.Chaney, M. A., Unilateral Pulmonary Edema After Robotically Assisted Mitral Valve Repair Requiring Veno-Venous Extracorporeal Membrane Oxygenation. Journal of Cardiothoracic & Vascular Anesthesia. 2022;36;321-331	5
1117	C. M. S. Yver, D.Weinstein, G. S.Rajasekaran, K.Cannady, S. B.Lukens, J. N.Lin, A.Swisher-McClure, S.Cohen, R. B.Aggarwal, C.Bauml, J. M.Loevner, L. A.Newman, J. G.Chalian, A. A.Rassekh, C. H.Basu, D.O'Malley, B. W., Jr.Brody, R. M., Oncologic and survival outcomes for resectable locally-advanced HPV-related oropharyngeal cancer treated with transoral robotic surgery. Oral Oncology. 2021;118;105307	5
1118	P. A. F. Lemos, M.Mariani, J., Jr.Pitta, F. G.Oliveira, F. A.Cunha-Lima, G.Caixeta, A. M.Almeida, B. O.Garcia, R. G., Use of robotic assistance to reduce proximity and air-sharing during percutaneous cardiovascular intervention. Future Cardiology. 2021;17;865-873	5

1119	M. S. S. Jun, N. A.Blasdel, G.Cohen, O.Levine, J. P.Bluebond-Langner, R.Zhao, L. C., Robotic-assisted Vaginectomy During Staged Gender-affirming Penile Reconstruction Surgery: Technique and Outcomes. Urology. 2021;152;74-78	5
1120	L. M. Hilal, R.Ollaik, F.Yang, P.Youssef, B., Patient Selection for Surgery vs Radiotherapy for Early Stage Oropharyngeal Cancer. Cancer Control. 2021;28;10732748211050700	8
1121	Y. S. Minoda, R.Ohta, Y.Takemura, S.Yamamoto, N.Nakatsuchi, T.Nakamura, H., Differences in the setting of acetabular component alignment guides between the supine and lateral positions for total hip arthroplasty. Scientific Reports. 2021;11;21978	2
1122	E. M. V. van der Schans, P. M.Broeders, IamjConsten, E. C. J., Ninety-day morbidity of robot-assisted redo surgery for recurrent rectal prolapse, mesh erosion and pelvic pain: lessons learned from 9 years' experience in a tertiary referral centre. Colorectal Disease. 2021;23;3205-3212	3
1123	R. C. T. S. Surjan, S. D. P.Bustamante-Lopez, L. A., First Totally Robotic Mesohepatectomy with Selective Hepatic Artery Clamping for the Treatment of a Combined Hepatocellular-Cholangiocarcinoma. Arquivos de Gastroenterologia. 2021;58;408-410	5
1124	H. H. D. Davila, H.Paul, A.Abdelhameed, S.Filippi, C.Bello, L.MalaveHuertas, D.Bigay, F.Bruce, L.Goodman, L.Gallo, T.Fyffe, G., Evaluation of the Pubocervical Fascia With 3-Dimensional Endovaginal Ultrasonography and Correlation With Intraoperative Findings During Robotic Sacrocervicopexy. Urology. 2021;158;81-87	5
1125	N. D. B. Clement, M.Galloway, S.Baron, Y. J.Smith, K.Weir, D. J.Deehan, D. J., Robotic- and orthosensor-assisted versus manual (ROAM) total knee replacement: a study protocol for a randomised controlled trial. Trials [Electronic Resource]. 2022;23;70	12
1126	Z. F. Arif, Y., Mix Frame Visual Servo Control Framework for Autonomous Assistive Robotic Arms. Sensors. 2022;22;14	2
1127	C. T. Wetterauer, P.Matthias, M. O.Breit, C.Keller, N.Meyer, A.Brantner, P.Vlajnic, T.Bubendorf, L.Winkel, D. J.Kwiatkowski, M.Seifert, H. H., Diagnostic accuracy and clinical implications of robotic assisted MRI-US fusion guided target saturation biopsy of the prostate. Scientific Reports. 2021;11;20250	5
1128	M. C. S. Renaud, A.Gregoire, J.Plante, M., Five-Year Experience in the Surgical Treatment of Endometrial Cancer: Comparing Laparotomy with Robotic and Minimally Invasive Hysterectomy. Journal of Obstetrics & Gynaecology Canada: JOGC. 2022;44;21-27	13
1129	S. C. Taravati, K.Uzumcugil, H.Tanigor, G., Evaluation of an upper limb robotic rehabilitation program on motor functions, quality of life, cognition, and emotional status in patients with stroke: a randomized controlled study. Neurological Sciences. 2022;43;1177-1188	2
1130	J. P. C. L. Ryan, O.Broe, M. P.Swan, N.Moran, D.McGuire, B.Mulvin, D., Robotic-assisted radical prostatectomy-impact of a mentorship program on oncological outcomes during the learning curve. Irish Journal of Medical Science. 2022;191;479-484	3
1131	E. O. R. Keane, I.Crotty, T.Hintze, J. M.Shytaj, E.O'Duffy, F.O'Dwyer, T. P.Moran, T., Transoral robotic surgery in Ireland: the beginning. Irish Journal of Medical Science. 2022;191;361-365	5
1132	M. J. D. Connor, P.Ahmed, H. U.Raza, A., Autonomous surgery in the era of robotic urology: friend or foe of the future surgeon?. Nature Reviews Urology. 2020;17;643-649	8
1133	A. P. C. Mitra, J.Miranda, G.Bhanvadia, S.Quinn, D. I.Schuckman, A. K.Djaladat, H.Daneshmand, S., Management Trends and Outcomes of Patients Undergoing Radical Cystectomy for Urothelial Carcinoma of the Bladder: Evolution of the University of Southern California Experience over 3,347 Cases. Journal of Urology. 2022;207;302-313	5

1134	J. V. Meulemans, M.Goeleven, A.Clement, P.Nuyts, S.Laenen, A.Delaere, P.Vander Poorten, V., Transoral robotic surgery (TORS) using the da Vinci Xi: prospective analysis of feasibility, safety, and outcomes. Head & Neck. 2022;44;143-157	5
1135	Y. K. Kumazu, N.Kitamura, N.Rayan, E.Neculoiu, P.Misumi, T.Hojo, Y.Nakamura, T.Kumamoto, T.Kurahashi, Y.Ishida, Y.Masuda, M.Shinohara, H., Automated segmentation by deep learning of loose connective tissue fibers to define safe dissection planes in robot-assisted gastrectomy. Scientific Reports. 2021;11;21198	7
1136	J. T. S. Rague, R.Rosoklija, I.Lindgren, B. W.Gong, E. M., Robot-assisted laparoscopic urologic surgery in infants weighing <=10 kg: A weight stratified analysis. Journal of pediatric urology. 2021;17;857.e1-857.e7	5
1137	J. C. F. Delto, A.Chang, P.Jiang, D. D.Hyde, S.McAnally, K.Crociani, C.Jamil, M.Patel, H. D.Pavlinec, J.Budzyn, J.Durant, A.Eilender, B.Gordon, A. O.Huang, M. M.Pierorazio, P. M.Raman, J. D.Rogers, C.Su, L. M.Wagner, A. A., Perioperative Aspirin Use Is Associated with Bleeding Complications during Robotic Partial Nephrectomy. Journal of Urology. 2022;207;277-283	5
1138	J. T. A. Rague, H. C.Chu, D. I.Shannon, R.Rosoklija, I.Johnson, E. K.Gong, E. M.Lindgren, B. W., Safety and Efficacy of Robot-Assisted Laparoscopic Pyeloplasty Compared to Open Repair in Infants under 1 Year of Age. Journal of Urology. 2022;207;432-440	13
1139	M. D. Manavalan, M.Narayanasamy, G.Stathakis, S.Godson, H. F.Subramani, V., Output factor measurements with multiple detectors in CyberKnife^R Robotic Radiosurgery System. Journal of Cancer Research & Therapeutics. 2021;17;870-874	7
1140	A. I. W. Al Abbas, C.Hamad, A. B.Knab, L. M.Rice, M. K.Moser, A. J.Zeh, H. J., 3rdZureikat, A. H.Hogg, M. E., Mentorship and formal robotic proficiency skills curriculum improve subsequent generations' learning curve for the robotic distal pancreatectomy. HPB. 2021;23;1849-1855	5
1141	D. Y. E. Ryoo, M. F.Hamad, A.Li, Y.Cloyd, J.Manilchuk, A.Tsung, A.Pawlik, T. M.Dillhoff, M.Schmidt, C.Ejaz, A., Mitigation of the Robotic Pancreaticoduodenectomy Learning Curve through comprehensive training. HPB. 2021;23;1550-1556	12
1142	M. P. Williams, M.Nouhaud, F. X.Coughlin, G., Robotic pelvic exenteration and extended pelvic resections for locally advanced or synchronous rectal and urological malignancy. Investigative And Clinical Urology. 2021;62;111-120	5
1143	P. R. Koukourikis, K. H., Robotic surgical systems in urology: What is currently available?. Investigative And Clinical Urology. 2021;62;14-22	8
1144	M. L. Lee, Z.Koster, H.Jun, M.Asghar, A. M.Lee, R.Strauss, D.Patel, N.Kim, D.Komaravolu, S.Drain, A.Metro, M. J.Zhao, L.Stifelman, M.Eun, D. D.Collaborative of Reconstructive Robotic Ureteral, Surgery, Intermediate-term outcomes after robotic ureteral reconstruction for long-segment (>=4 centimeters) strictures in the proximal ureter: A multi-institutional experience. Investigative And Clinical Urology. 2021;62;65-71	5
1145	X. G. Liu, J.Wang, J.You, J.Chu, J.Jin, Z., Esthetics Effect and the Modified Placement of Robotic-Assisted Single-Site Laparoscopic Gynecologic Surgery by Common Robotic Instruments and LAGIS Single-Site Port. Journal of Investigative Surgery. 2022;35;434-439	5
1146	A. M. Chandna, R. S.Bora, G. S.Sharma, A. P.Parmar, K. M.Devana, S. K.Kumar, S.Mete, U. K.Singh, S. K., Robot-assisted Repair of Complex Vesicovaginal Fistulae: Feasibility and Outcomes. Urology. 2020;144;92-98	5
1147	J. W. Cardenas-Goicoechea, Y. U.Lee, J. H.Shoraka, M.Carbajal-Mamani, S. L.Fishman, D.Riner, A. N.Trevino, J. G., Survival After Minimally Invasive Surgery in Older Women With Endometrial Carcinoma. Anticancer Research. 2022;42;75-85	13

1148	C. R. C. Soriano, R. R.Corman, J. M.Moonka, R.Simianu, V. V.Kaplan, J. A., Feasibility of injected indocyanine green for ureteral identification during robotic left-sided colorectal resections. American Journal of Surgery. 2022;223;14-20	5
1149	P. H. C. McClelland, O.Hu, J.Hunter, J. G.Winkler, A. C.Lee, R.Zenilman, M. E., Operative Shutdown and Recovery: Restructuring Surgical Operations During the SARS-CoV-2 Pandemic. Journal of Surgical Research. 2021;268;181-189	2
1150	A. W. Spyrantis, T.Constantinescu, A.Cattani, A.Quick-Weller, J.Willems, L. M.Marquardt, G.Seifert, V.Freiman, T. M., Comparison of frame-less robotic versus frame-based stereotactic biopsy of intracranial lesions. Clinical Neurology & Neurosurgery. 2021;207;106762	12
1151	Y. L. Huang, W.Cao, L.Liu, J.Li, X.Burdet, E.Phee, S. J., A Three-Limb Teleoperated Robotic System with Foot Control for Flexible Endoscopic Surgery. Annals of Biomedical Engineering. 2021;49;2282-2296	7
1152	K. S. Luberice, I.Modasi, A.Castro, M.Krill, E.Ross, S.Rosemurgy, A., Applying IWATE criteria to robotic hepatectomy: is there a "robotic effect"?. HPB. 2021;23;899-906	5
1153	C. W. Stewart, P.Warner, S.Raoof, M.Singh, G.Fong, Y.Melstrom, L., Robotic minor hepatectomy: optimizing outcomes and cost of care. HPB. 2021;23;700-706	12
1154	C. C. K. Vining, K.Berger, Y.Paterakos, P.Schuitevoerder, D.Roggin, K. K.Talamonti, M. S.Hogg, M. E., Robotic pancreaticoduodenectomy decreases the risk of clinically relevant post-operative pancreatic fistula: a propensity score matched NSQIP analysis. HPB. 2021;23;367-378	12
1155	J. A. Kaouk, A.Sawczyn, G.Kim, S.Wilson, C. A.Garisto, J.Fareed, K., Single-Port Robotic Urological Surgery Using Purpose-Built Single-Port Surgical System: Single-Institutional Experience With the First 100 Cases. Urology. 2020;140;77-84	5
1156	O. S. Acar, L.Dobbs, R. W.Greenwald, D. T.Halgrimson, W. R.Crivellaro, S.Kocjancic, E., Single Port and Multiport Approaches for Robotic Vaginoplasty With the Davydov Technique. Urology. 2020;138;166-173	5
1157	J. S. A. Cha, D.Anton, N. E.Stefanidis, D.Yu, D., Measurement of Nontechnical Skills During Robotic-Assisted Surgery Using Sensor-Based Communication and Proximity Metrics. JAMA Network Open. 2021;4;e2132209	5
1158	C. T. C. Varghese, B.Sudhindran, S., Robotic Donor Hepatectomy-Safety in Novelty Is the Essence. JAMA Surgery. 2021;156;1171-1172	8
1159	K. S. E. Luetkens, S.Huflage, H.Kunz, A. S.Gietzen, C. H.Conrads, N.Pennig, L.Goertz, L.Bley, T. A.Gassenmaier, T.Grunz, J. P., Dose reduction potential in cone-beam CT imaging of upper extremity joints with a twin robotic x-ray system. Scientific Reports. 2021;11;20176	7
1160	A. J. L. Hung, Y.Anandkumar, A., Deep Learning to Automate Technical Skills Assessment in Robotic Surgery. JAMA Surgery. 2021;156;1059-1060	8
1161	S. N. L. Brancazio, A.Kemp, E. V.Brown, J.Crane, E. K.Tait, D. L.Taylor, V. D.Naumann, R. W., Factors Associated with Same Day Discharge after Laparoscopic Surgery in Gynecologic Oncology. Journal of Minimally Invasive Gynecology. 2022;29;114-118	2
1162	H. R. M. Goldberg, C.Amjad, H.Kives, S., Fertility and Pregnancy Outcomes After Robotic-assisted Laparoscopic Myomectomy in a Canadian Cohort. Journal of Minimally Invasive Gynecology. 2022;29;72-76	5
1163	K. H. M. Sheetz, N. N., Toward IDEAL Adoption of Robotic Surgery Into Clinical Practice-Lessons From Transcatheter Aortic Valve Replacement. JAMA Surgery. 2021;156;301-302	8

1164	X. M. Bonet, M. C.Onol, F. F.Bhat, K. R.Rogers, T.Ogaya-Pinies, G.Rocco, B.Sighinolfi, M. C.Woodlief, T.Vigues, F.Patel, V., The surgical learning curve for salvage robot-assisted radical prostatectomy: a prospective single-surgeon study. Minerva Urology and Nephrology. 2021;73;600-609	5
1165	G. L. Sawczyn, L.Aminsharifi, A.Kim, S.Kaouk, J., Predictive factors for opioid-free management after robotic radical prostatectomy: the value of the SP R robotic platform. Minerva Urology and Nephrology. 2021;73;591-599	2
1166	M. C. Belotto, L.Pacheco-Jr, A. M.Mitre, A. I.Fonseca, E. A. D., Influence of Minimally Invasive Laparoscopic Experience Skills on Robotic Surgery Dexterity. ABCD, Arquivos Brasileiros de Cirurgia Digestiva. 2022;34;e1604	2
1167	T. J. M. W. van Mulken, JagnQiu, S. S.Scharmga, A. M. J.Schols, R. M.Spiekerman van Weezelenburg, M. A.Cau, R.van der Hulst, RrwjMicroSurgical Robot Research, Group, One-Year Outcomes of the First Human Trial on Robot-Assisted Lymphaticovenous Anastomosis for Breast Cancer-Related Lymphedema. Plastic & Reconstructive Surgery. 2022;149;151-161	12
1168	W. Y. Qu, S.Tao, J.Dong, B.Fan, Y.Du, H.Deng, H.Liu, J.Zhang, X., Evaluating Incidence, Location, and Predictors of Positive Surgical Margin Among Chinese Men Undergoing Robot-Assisted Radical Prostatectomy. Cancer Control. 2021;28;10732748211055200	5
1169	T. N. Ojima, M.Hayata, K.Kitadani, J.Katsuda, M.Takeuchi, A.Tominaga, S.Nakai, T.Nakamori, M.Ohi, M.Kusunoki, M.Yamaue, H., Short-term Outcomes of Robotic Gastrectomy vs Laparoscopic Gastrectomy for Patients With Gastric Cancer: A Randomized Clinical Trial. JAMA Surgery. 2021;156;954-963	12
1170	O. Y. G. Kudsi, F.Bou-Ayash, N.Crawford, A. S.Chang, K.Chudner, A.La Grange, S., Robotic Ventral Hernia Repair: Lessons Learned From a 7-year Experience. Annals of Surgery. 2022;275;44820	5
1171	K. A. B. Van Orden, E.Beckler, T.Rowe, J.Gillespie, S., The Use of Robotic Pets with Older Adults during the COVID-19 Pandemic. Clinical Gerontologist. 2022;45;189-194	8
1172	A. G. Lustig, A., Fluid management and strength postsimulated use of primary and secondary dressings for treating diabetic foot ulcers: Robotic phantom studies. International Wound Journal. 2022;19;305-315	7
1173	P. Y. S. Lee, B. U.Shyr, B. S.Chen, S. C.Shyr, Y. M.Wang, S. E., Surgical and survival outcomes after robotic and open pancreaticoduodenectomy with positive margins. Journal of the Chinese Medical Association: JCMA. 2021;84;698-703	12
1174	J. S. Kolarik, A.Vachtenheim, J.Svorcova, M.Pozniak, J.Simonek, J.Schutzner, J.Lischke, R., Video-assisted and robotic-assisted thoracoscopic pulmonary lobectomies, our experience. Rozhledy V Chirurgii. 2022;100;576-583	13
1175	Y. J. C.-M. Seo, N.Aguayo, E.Sanaiha, Y.Benharash, P.Yanagawa, J., National Use and Short-term Outcomes of Video and Robot-Assisted Thoracoscopic Thymectomies. Annals of Thoracic Surgery. 2022;113;230-236	13
1176	G. N. L. Coyan, M.Ruppert, K. M.Baker, N.Levy, R. M.Luketich, J. D.Schuchert, M. J.Sarkaria, I. S., Activity-Based Cost Analysis of Robotic Anatomic Lung Resection During Program Implementation. Annals of Thoracic Surgery. 2022;113;244-249	13
1177	Z. L. Li, F.Zhang, H.Swierzy, M.Ismail, M.Meisel, A.Rueckert, J. C., Outcomes of Juvenile Myasthenia Gravis: A Comparison of Robotic Thymectomy With Medication Treatment. Annals of Thoracic Surgery. 2022;113;295-301	3

1178	A. M. Bansal, R.Chaturvedi, S.Bansal, D.Kumar, A., Comparative analysis of outcomes and long-term follow-up of robot-assisted pediatric kidney transplantation, with open counterpart. Pediatric Transplantation. 2021;25;e13917	13
1179	C. C. Z. Petro, S.Krpata, D.Alkhatib, H.Tu, C.Rosen, M. J.Prabhu, A. S., Patient-Reported Outcomes of Robotic vs Laparoscopic Ventral Hernia Repair With Intraperitoneal Mesh: The PROVE-IT Randomized Clinical Trial. JAMA Surgery. 2021;156;22-29	12
1180	C. K. Kwan, M. S.Nuara, S. G.Gourdon, J. C.Bedard, D.Tardif, C. L.Hopewell, R.Ross, K.Bdair, H.Hamadjida, A.Massarweh, G.Soucy, J. P.Luo, W.Del Cid Pellitero, E.Shlaifer, I.Durcan, T. M.Fon, E. A.Rosa-Neto, P.Frey, S.Huot, P., Co-registration of Imaging Modalities (MRI, CT and PET) to Perform Frameless Stereotaxic Robotic Injections in the Common Marmoset. Neuroscience. 2022;480;143-154	7
1181	Y. L. Xu, H.Wang, B.Gu, L.Gao, Y.Fan, Y.Yao, Y.Fam, X.Ma, X.Zhang, X., Robotic versus Laparoscopic Retroperitoneal Lymph node Dissection for Clinical Stage I Non-seminomatous Germ Cell Tumor of Testis: A Comparative Analysis. Urology Journal. 2021;18;618-622	12
1182	S. K. Yamashita, H.Deguchi, R.Ueda, Y.Higuchi, M.Muraoka, S.Koike, H.Kikkawa, K.Kohjimoto, Y.Hara, I., Myosteatosis as a novel predictor of urinary incontinence after robot-assisted radical prostatectomy. International Journal of Urology. 2022;29;34-40	5
1183	W. J. N. Yaxley, F. X.Raveenthiran, S.Franklin, A.Donato, P.Coughlin, G.Kua, B.Gianduzzo, T.Wong, D.Parkinson, R.Brown, N.Samaratunga, H.Delahunt, B.Egevad, L.Roberts, M.Yaxley, J. W., Histological findings of totally embedded robot assisted laparoscopic radical prostatectomy (RALP) specimens in 1197 men with a negative (low risk) preoperative multiparametric magnetic resonance imaging (mpMRI) prostate lobe and clinical implications. Prostate Cancer & Prostatic Diseases. 2021;24;398-405	5
1184	M. G. M. Crockett, M.Hussain, M.Mueller, G.Segaran, S.Tadtayev, S.Barber, N. J., The impact of a fellow on a regional robotic-assisted partial nephrectomy service. Annals of the Royal College of Surgeons of England. 2022;104;28-34	5
1185	I. S. Sucandy, E.Jacob, K.Luberice, K.Crespo, K.Syblis, C.Ross, S. B.Rosemurgy, A. S., Robotic resection of extrahepatic cholangiocarcinoma: Institutional outcomes of bile duct cancer surgery using a minimally invasive technique. Journal of Surgical Oncology. 2022;125;161-167	5
1186	J. P. Mun, S. J.Yim, G. W.Chang, S. J.Kim, H.Trial Monitoring Committee of, Solution trial, Solution to prevent tumor spillage in minimally invasive radical hysterectomy using the endoscopic stapler for treating early-stage cervical cancer: Surgical technique with video. Journal of Gynecology Obstetrics and Human Reproduction. 2021;50;102211	8
1187	J. S. S. Tan, N.Cumberbatch, M.Dasgupta, P.Mottrie, A.Abaza, R.Ho Rha, K.Yuvaraja, T. B.Parekh, D. J.Capitanio, U.Ahlawat, R.Rawal, S.Buffi, N. M.Sivaraman, A.Maes, K. K.Gautam, G.Porpiglia, F.Turkeri, L.Bhandari, M.Challacombe, B.Roscoe Porter, J.Rogers, C. R.Moon, D. A., Outcomes in robot-assisted partial nephrectomy for imperative vs elective indications. BJU International. 2021;128 Suppl 3;30-35	5
1188	P. C. Dubernard, P.Pacheco, P.Pricaz, E.Vaziri, N.Vinet, M.Chalabreysse, P.Rochat, C. H.Ficheur, G.Chazard, E., Retrograde Extraperitoneal Laparoscopic Prostatectomy (RELP). A Prospective Study about 1,000 Consecutive Patients, with Oncological and Functional Results. Urology Journal. 2021;18;503-511	5
1189	W. K. D. Gray, J.Briggs, T. W. R.Harrison, S., An observational study of volume-outcome effects for robot-assisted radical prostatectomy in England. BJU International. 2022;129;93-103	5

1190	M. T. Abozaid, W. S.Khetrapal, P.Baker, H.Duncan, J.Sridhar, A.Briggs, T.Selim, M.Abdallah, M. M.Elmahdy, A. A.Elserafy, F.Kelly, J. D., Recovery of health-related quality of life in patients undergoing robot-assisted radical cystectomy with intracorporeal diversion. BJU International. 2022;129;72-79	5
1191	G. G. Giordano, M.Huan, Y.Carlotti, M.Mariani, A.Menciassi, A.Sinibaldi, E.Mazzolai, B., Toward Mechanochromic Soft Material-Based Visual Feedback for Electronics-Free Surgical Effectors. Advanced science. 2021;8;e2100418	7
1192	P. V. Zeuschner, S. G.Linxweiler, J.Wagenpfeil, G.Wagenpfeil, S.Saar, M.Siemer, S.Stockle, M.Heinzelbecker, J., Robot-assisted versus open radical nephroureterectomy for urothelial carcinoma of the upper urinary tract: A retrospective cohort study across ten years. Surgical Oncology. 2021;38;101607	13
1193	G. P. Rosiello, C.Deuker, M.Stolzenbach, L. F.Martin, T.Tian, Z.Larcher, A.Capitanio, U.Montorsi, F.Shariat, S. F.Kapoor, A.Saad, F.Briganti, A.Karakiewicz, P. I., Partial nephrectomy in frail patients: Benefits of robot-assisted surgery. Surgical Oncology. 2021;38;101588	13
1194	D. A. Kakinuma, H.Yasuda, T.Kanazawa, Y.Matsuno, K.Sakurazawa, N.Watanabe, M.Suzuki, H.Yoshida, H., Treatment of Gastric Cancer in Japan. Journal of Nippon Medical School = Nihon Ika Daigaku Zasshi. 2021;88;156-162	8
1195	L. Y. H. Scholl, E. L.de Souza, K. M.Chang, T. C.Deren, M.Yenna, Z. C.Sodhi, N.Mont, M. A.Westrich, G. H., How Does Robotic-Arm Assisted Technology Influence Total Knee Arthroplasty Implant Placement for Surgeons in Fellowship Training?. The Journal of Knee Surgery. 2022;35;198-203	7
1196	E. J. W. Cotter, J.Illgen, R. L., Comparative Cost Analysis of Robotic-Assisted and Jig-Based Manual Primary Total Knee Arthroplasty. The Journal of Knee Surgery. 2022;35;176-184	5
1197	M. M. Skrovina, M.Martinek, L.Bencurik, V.Dosoudil, M.Bartos, J.Andel, P.Hlavikova, H., Total mesorectal excision for rectal cancer - laparoscopic versus robotic approach. Rozhledy V Chirurgii. 2021;100;527-532	12
1198	S. W. Gao, J.Li, W.Zhang, L.Cao, C.Zhai, J.Gao, B., Accuracy of Robot-Assisted Percutaneous Pedicle Screw Placement under Regional Anesthesia: A Retrospective Cohort Study. Pain Research & Management. 2021;2021;6894001	5
1199	M. K. S. S. Masilamani, A.Cooke, P. W.Rangaswamy, C., Role of multimodal anaesthetic in post-operative analgesic requirement for robotic assisted radical prostatectomy. Urologia (Treviso). 2022;89;90-93	2
1200	T. Y. M. Wang, V. A.Sankey, E. W.Lavoie, S.Abd-El-Barr, M. M.Yarbrough, C. K., Operative time and learning curve between fluoroscopy-based instrument tracking and robot-assisted instrumentation for patients undergoing minimally invasive transforaminal lumbar interbody fusion (MIS-TLIF). Clinical Neurology & Neurosurgery. 2021;206;106698	3
1201	M. F. K. Jacobsen, L.la Cour, M.Sorensen, R. B.Park, Y. S.Thomsen, A. S. S., The learning curve of robot-assisted vitreoretinal surgery - A randomized trial in a simulated setting. Acta Opthalmologica. 2021;99;e1509-e1516	7
1202	M. L. L. B. Parra Lopez, J. M.Osman Garcia, I.Congregado Ruiz, B.Conde Sanchez, J. M.Medina Lopez, R. A., Climacturia after robot-assisted laparoscopic radical prostatectomy. Revista Internacional de Andrologia. 2021;19;49-52	5
1203	M. A. Lin, M. A.Taing, A.Tsai, C. T.Vrionis, F. D.Engeberg, E. D., Robotic Replica of a Human Spine Uses Soft Magnetic Sensor Array to Forecast Intervertebral Loads and Posture after Surgery. Sensors. 2021;22;29	7

1204	X. D. Fan, K.Zhang, C.Guan, X., Feasibility of two robotic single-site surgery techniques for adolescent endometriosis: Focal versus butterfly. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2339	3
1205	A. C. v. L. Berrens, P. J.Maurer, T.Hadaschik, B. A.Krafft, U., Implementation of radioguided surgery in prostate cancer. The Quarterly Journal of Nuclear Medicine. 2021;65;202-214	2
1206	J. A. Y. Perrone, S.Guerrero, M.Wang, A.Hanley, B.Zuberi, J.Damani, T., Comparative Analysis of Patients with Robotic Hiatal Hernia Repairs with and without Collis Gastroplasty. American Surgeon. 2022;88;248-253	3
1207	Y. P. Chen, M. C.Olesovsky, S. V.Champagne, A. A.Harrison, K. A.Nashed, J. Y.Coverdale, N. S.Scott, S. H.Cook, D. J., Robotic Assessment of Upper Limb Function in a Nonhuman Primate Model of Chronic Stroke. Translational Stroke Research. 2021;12;569-580	2
1208	O. A. X. Orelaja, W.Li, J.Sh Dauda, l.Afiz, I. A.Odunlami, S. A.Badmos, A. A.Sharif, U., Design of a vibration damping robot and force evaluation in intraoperative robotic-assisted femoral shaft repair using a modified soft damper. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2349	7
1209	T. S. C. Kan, K. J.Liu, Y. F.Wang, R.Zhu, W. D.Zhu, F. D.Jiang, X. F.Dong, X. T., Evaluation of a custom-designed human-robot collaboration control system for dental implant robot. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2346	7
1210	Y. H. K. Kang, J. S.Cho, Y. S.Kim, H. S.Lee, M.Han, Y.Sohn, H. J.Kim, H.Kwon, W.Jang, J. Y.Lee, H. K., A retrospective multicentre study on the evaluation of perioperative outcomes of single-port robotic cholecystectomy comparing the Xi and SP versions of the da Vinci robotic surgical system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2345	5
1211	M. A. S. Gaudiani, L. T.Diana, J. N.DeBattista, J. L.Coon, T. M.Moore, R. E.Kamath, A. F., Robotic-arm assisted bicompartmental knee arthroplasty: Durable results up to 7-year follow-up. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2338	5
1212	T. H. Kulis, T.Penezic, L.Zekulic, T.Saic, H.Knezevic, N.Kastelan, Z., Comparison of extraperitoneal laparoscopic and extraperitoneal Senhance radical prostatectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2344	12
1213	S. V. T. Dumont, P., The clinical and financial impact of introducing robotic-assisted hysterectomy in a tertiary referral centre: A direct cost analysis of consecutive hysterectomies during a decade. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2343	5
1214	W. Z. Hong, Y.Cao, Y.Feng, F.Liu, Z.Li, K.Xie, L., Development and validation of a two-segment continuum robot for maxillary sinus surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2340	7
1215	L. Z. Li, X.Yang, C.Un, W.Hu, Z., Three-dimensional (3D) reconstruction and navigation in robotic-assisted partial nephrectomy (RAPN) for renal masses in the solitary kidney: A comparative study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2337	5
1216	Y. L. Yang, J.Kong, K.Wang, S., Design of a dexterous robotic surgical instrument with a novel bending mechanism. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2022;18;e2334	7
1217	M. M. Elbadawi, L. E.Gavins, F. K. H.Ong, J. J.Goyanes, A.Gaisford, S.Basit, A. W., Harnessing artificial intelligence for the next generation of 3D printed medicines. Advanced Drug Delivery Reviews. 2021;175;113805	2

1218	X. Z. Zhou, J.He, P.Zhang, J.Wang, C.Zheng, J.Li, X.Lang, L.Zhou, Z.Chen, Z., Refinement Surgical Technique, and Perioperative and Functional Outcomes in Patients With Robotic Intracorporeal Hautmann Orthotopic Neobladder. Urology. 2020;138;45-51	5
1219	M. L. G. Zanoni, F.Maffei, D.Vota, P.Frego, N.Toia, G.Mazzieri, C.Lazzeri, M.Buffi, N.Lughezzani, G.Casale, P.Saita, A.Guazzoni, G.Mandressi, A.Taverna, G., Retrotrigonal muscular layer sling associated with total anatomical reconstruction in robot-assisted radical prostatectomy and early continence. World Journal of Urology. 2021;39;2475-2481	5
1220	M. P. Rohloff, G.Shakuri-Rad, J.Maatman, T. J., The impact of low pressure pneumoperitoneum in robotic assisted radical prostatectomy: a prospective, randomized, double blinded trial. World Journal of Urology. 2021;39;2469-2474	2
1221	M. C. Abdessater, C. M.da Costa, J. B.Courcier, J.Yiou, R.Hoznek, A.Vordos, D.Grimbert, P.Matignon, M.Londero, T.le Corvoisier, P.Salomon, L.De la Taille, A.Ingels, A., Comparison of the iliac, vaginal and umbilical graft extraction in robot-assisted laparoscopic living donor nephrectomy. World Journal of Urology. 2021;39;2783-2788	3
1222	C. C. C. Yu, L. Y.Glassman, S. D.Brown, M. E.Daniels, C. L.Polly, D. W., Jr.Gum, J. L., Propensity-Matched Comparison of 90-Day Complications in Robotic-Assisted Versus Non-Robotic Assisted Lumbar Fusion. Spine. 2022;47;195-200	12
1223	A. K. H. F. Chiow, D.Choi, G. H.Syn, N.Sucandy, I.Marino, M. V.Prieto, M.Chong, C. C.Lee, J. H.Efanov, M.Kingham, T. P.Choi, S. H.Sutcliffe, R. P.Troisi, R. I.Pratschke, J.Cheung, T. T.Wang, X.Liu, R.D'Hondt, M.Chan, C. Y.Tang, C. N.Han, H. S.Goh, B. K. P.International, RoboticLaparoscopic Liver Resection Study Group, collaborators, International multicentre propensity score-matched analysis comparing robotic versus laparoscopic right posterior sectionectomy. British Journal of Surgery. 2021;108;1513-1520	12
1224	X. S. Sun, H.Li, J.Wang, S., A variable baseline stereoscopic camera with fast deployable structure for natural orifice transluminal endoscopic surgery. International Journal of Computer Assisted Radiology & Surgery. 2022;17;27-39	2
1225	Y. F. Feng, J.Tao, B.Wang, S.Mo, J.Wu, Y.Liang, Q.Chen, X., An image-guided hybrid robot system for dental implant surgery. International Journal of Computer Assisted Radiology & Surgery. 2022;17;15-26	7
1226	A. Y. Chen, M.Feng, J.Bi, L.Chen,Hu, S.Hong, H.Shi, L.Li, G.Jin, B.Zhang, X.Wen, L., Single Cell Mass Spectrometry With a Robotic Micromanipulation System for Cell Metabolite Analysis. IEEE Transactions on Biomedical Engineering. 2022;69;325-333	7
1227	P. G. Gazda, C.Chaltiel, L.Chabrillac, E.Vairel, B.De Bonnecaze, G.Dupret-Bories, A.Filleron, T.Vergez, S., Functional and oncological outcomes of salvage transoral robotic surgery: a comparative study. European Archives of Oto-Rhino-Laryngology. 2022;279;457-466	3
1228	N. O. Haga, Y.Miyazaki, T.Tsubouchi, K.Akaihata, H.Hata, J.Honda, R.Matsuoka, K.Ogawa, S.Kojima, Y., The effect of beta₃-adrenoceptor gene polymorphisms on lower urinary tract function in males. World Journal of Urology. 2021;39;3035-3040	5
1229	D. N. Whiting, K. L.Barber, N., Initial single centre experience of Aquablation of the prostate using the AquaBeam system with athermal haemostasis for the treatment of benign prostatic hyperplasia: 1-year outcomes. World Journal of Urology. 2021;39;3019-3024	2
1230	F. C. Porpiglia, E.De Cillis, S.Amparore, D.Pecoraro, A.Piana, A.Granato, S.Verri, P.Sica, M.Piramide, F.Manfredi, M.Fiori, C., Anastomosis quality score during robot-assisted radical prostatectomy: a new simple tool to maximize postoperative management. World Journal of Urology. 2021;39;2921-2928	5

1231	A. S. C. Zakaria, F.Nguyen, D. D.Tholomier, C.Shahine, H.Stolzenbach, F.Meskawi, M.Karakiewicz, P. I.El-Hakim, A.Zorn, K. C., Impact of surgical wait times during summer months on the oncological outcomes following robotic-assisted radical prostatectomy: 10 years' experience from a large Canadian academic center. World Journal of Urology. 2021;39;2913-2919	5
1232	C. D. F. Romeo, D.Impellizzeri, P.Arena, S.Dipasquale, V.Palo, F.Costa, S.Pellegrino, S.Antonuccio, P.Romano, C.Mattioli, G., Laparoscopic robotic-assisted restorative proctocolectomy and ileal J-pouch-anorectal anastomosis in children. Pediatric Surgery International. 2022;38;59-68	5
1233	C. C. Delgado-Miguel, J. I., Robotic Soave pull-through procedure for Hirschsprung's disease in children under 12-months: long-term outcomes. Pediatric Surgery International. 2022;38;51-57	5
1234	J. S. Jin, Y.Chen, M.Qian, J.Qin, K.Wang, Z.Chen, W.Jin, W.Lu, F.Li, Z.Wu, Z.Jian, L.Han, B.Liang, X.Sun, C.Wu, Z.Mou, Y.Yin, X.Huang, H.Chen, H.Gemenetzis, G.Deng, X.Peng, C.Shen, B., Robotic versus Open Pancreatoduodenectomy for Pancreatic and Periampullary Tumors (PORTAL): a study protocol for a multicenter phase III non-inferiority randomized controlled trial. Trials [Electronic Resource]. 2021;22;954	12
1235	A. L. Sahovaler, J. J. W.Xu, W.Su, S.Hosni, A.Bayley, A.Goldstein, D. P.de Almeida, J. R., Contralateral nodal failures in oropharyngeal cancers after TORS and unilateral neck management: a retrospective study. Journal of Otolaryngology: Head and Neck Surgery. 2021;50;71	5
1236	A. D. Ali, D.Grant, J.Clarke, D., Delivering epilepsy care in low-resource settings: the role of technology. Expert Review of Medical Devices. 2021;18;13-23	2
1237	M. S. Bastopcu, S.Gullu, A. U.Kocyigit, M.Alhan, C., Percutaneous cannulation for cardiopulmonary bypass in robotic mitral valve surgery with zero groin complications. Journal of Cardiac Surgery. 2022;37;280-284	5
1238	O. E. Luhrs, L.Geppert, B.Lonnerfors, C.Persson, J., Resection of the upper paracervical lymphovascular tissue should be an integral part of a pelvic sentinel lymph node algorithm in early stage cervical cancer. Gynecologic Oncology. 2021;163;289-293	5
1239	M. H. C. Xing, R. L., The Patient Perspective: Evaluating the Accessibility of Transoral Robotic Surgery Online Resources. Annals of Otology, Rhinology & Laryngology. 2022;131;27-38	7
1240	T. N. Tatarian, L.McPartland, C.Brown, A. M.Yang, J.Altieri, M. S.Spaniolas, K.Docimo, S.Pryor, A. D., Comparative perioperative and 5-year outcomes of robotic and laparoscopic or open inguinal hernia repair: a study of 153,727 patients in the state of New York. Surgical Endoscopy. 2021;35;7209-7218	12
1241	R. E. A.-R. Merritt, M.Fitzgerald, M.D'Souza, D. M.Kneuertz, P. J., Nomograms for Predicting Overall and Recurrence-free Survival From Pathologic Stage IA and IB Lung Cancer After Lobectomy. Clinical Lung Cancer. 2021;22;e574-e583	2
1242	S. M. Hoyer, F. H.Ekelof, P.Jensen, J. B.Bech, J. N., Hemodynamic, renal and hormonal effects of lung protective ventilation during robot-assisted radical prostatectomy, analysis of secondary outcomes from a randomized controlled trial. BMC Anesthesiology. 2021;21;200	2
1243	Y. L. Wang, Z.Yi, B.Zhu, S., Initial experience of Chinese surgical robot "Micro Hand S-assisted versus open and laparoscopic total mesorectal excision for rectal cancer: Short-term outcomes in a single center. Asian Journal of Surgery. 2022;45;299-306	12
1244	J. P. C. Cai, W.Chen, L. H.Wan, X. Y.Lai, J. M.Yin, X. Y., Comparison between robotic-assisted and laparoscopic left hemi-hepatectomy. Asian Journal of Surgery. 2022;45;265-268	12

1245	H. L. Sun, Z.Gao, H.Kuang, J.Chen, X.Li, Q.Di, Z.Qiu, W.Yan, J., Predictive factors for prolonged operative time of robotic thyroidectomy via bilateral axillo-breast approach: Analysis of 359 cases of differentiated thyroid cancer. Asian Journal of Surgery. 2022;45;105-109	5
1246	R. L. Himmelsbach, A.Hipp, J.Hopt, U. T.Fichtner-Feigl, S.Wittel, U. A.Ruess, D. A., Immunological effects of hybrid minimally invasive versus conventional open pancreatoduodenectomy - A single center cohort study. Pancreatology. 2021;21;965-974	2
1247	J. K. K. Shin, H. C.Yun, S. H.Park, Y. A.Cho, Y. B.Huh, J. W.Lee, W. Y., Comparison of transanal total mesorectal excision and robotic total mesorectal excision for low rectal cancer after neoadjuvant chemoradiotherapy. Surgical Endoscopy. 2021;35;6998-7004	12
1248	Z. Y. Z. Li, Y. L.Qian, F.Tang, B.Chen, J.Zhang, F.Li, P. A.Luo, Z. Y.Shi, Y.Yu, P. W., Incidence and risk factors of postoperative complications after robotic gastrectomy for gastric cancer: an analysis of 817 cases based on 10-year experience in a large-scale center. Surgical Endoscopy. 2021;35;7034-7041	5
1249	N. H. Raison, P.Abe, T.Aydin, A.Ahmed, K.Dasgupta, P., Procedural virtual reality simulation training for robotic surgery: a randomised controlled trial. Surgical Endoscopy. 2021;35;6897-6902	7
1250	Z. Y. Z. Li, Y. L.Qian, F.Tang, B.Chen, J.He, T.Luo, Z. Y.Li, P. A.Shi, Y.Yu, P. W., Long-term oncologic outcomes of robotic versus laparoscopic gastrectomy for locally advanced gastric cancer: a propensity score-matched analysis of 1170 patients. Surgical Endoscopy. 2021;35;6903-6912	12
1251	F. L. R. Proietti, D.Pini, R.Di Giuseppe, M.Cianfarani, A.Mongelli, F., Learning curve of robotic-assisted transabdominal preperitoneal repair (rTAPP) for inguinal hernias. Surgical Endoscopy. 2021;35;6643-6649	5
1252	J. T. Xu, B.Li, T.Jia, B.Yao, H.Zhao, R.Yuan, W.Zhong, M.Chi, P.Zhou, Y.Yang, X.Cheng, L.He, Y.Li, Y.Tong, W.Sun, X.Jiang, Z.Wang, K.Li, X.Wang, X.Wei, Y.Chen, Z.Zhang, X.Ye, Y.Han, F.Tao, K.Kong, D.Wang, Z.Zhang, C.He, G.Feng, Q., Robotic colorectal cancer surgery in China: a nationwide retrospective observational study. Surgical Endoscopy. 2021;35;6591-6603	5
1253	T. P. A. Valayil, R. S., Kinematics and workspace analysis of a robotic device for performing rehabilitation therapy of upper limb in stroke-affected patients. Acta of Bioengineering & Biomechanics. 2021;23;175-189	2
1254	C. H. C. Mallereau, S.Ganau, M.Benmekhbi, M.Cebula, H.Dannhoff, G.Santin, M. D.Ollivier, I.Chaussemy, D.Hugo Coca, A.Proust, F.Todeschi, J., Pushing the boundaries of accuracy and reliability during stereotactic procedures: A prospective study on 526 biopsies comparing the frameless robotic and Image-Guided Surgery systems. Journal of Clinical Neuroscience. 2022;95;203-212	12
1255	L. D. Feng, J.Wang, K.Huang, L.Xiao, G., Robotic written silver ink on photographic paper for detection of thiram residues in fruits. Spectrochimica Acta. Part A, Molecular & Biomolecular Spectroscopy. 2022;268;120724	2
1256	N. Z. Kowalski, X.Crouch, D. L., Using the Intact Human Hand to Benchmark Real-Time Myoelectric Control Performance for Robotic Interfaces. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;6524-6527	7
1257	E. D. G. Bardi, S.Pedrocchi, A.Ambrosini, E., Adaptive Cooperative Control for Hybrid FES-Robotic Upper Limb Devices: a Simulation Study. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;6398-6401	2

1258	S. C. D. S. Dobri, D.Scott, S. H.Davies, T. C., Differentiating Motor Coordination in Children with Cerebral Palsy and Typically Developing Populations Through Exploratory Factor Analysis of Robotic Assessments. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;5936-5939	7
1259	J. H. Y. Lee, H. K.Park, S. Y.Moon, H. S., Robotic single-port myomectomy using the da Vinci SP surgical system: A pilot study. Journal of Obstetrics & Gynaecology Research. 2022;48;200-206	5
1260	H. M. Miyake, D.Kawakami, A.Sato, R.Watanabe, K.Matsushita, Y.Watanabe, H.Ito, T.Sugiyama, T.Otsuka, A., Initial experience of robot-assisted radical nephrectomy in Japan: Single institutional study of 12 cases. Asian Journal of Endoscopic Surgery. 2022;15;162-167	5
1261	S. S. Shibasaki, K.Kadoya, S.Ishida, Y.Nakauchi, M.Nakamura, K.Akimoto, S.Tanaka, T.Kikuchi, K.Inaba, K.Uyama, I., The safe performance of robotic gastrectomy by second-generation surgeons meeting the operating surgeon's criteria in the Japan Society for Endoscopic Surgery guidelines. Asian Journal of Endoscopic Surgery. 2022;15;70-81	5
1262	S. I. Kanda, T.Nakajima, S.Sagehashi, R.Nara, T.Numakura, K.Saito, M.Narita, S.Tsuchiya, N.Habuchi, T., Comparison of parenchymal volume loss assessed by three-dimensional computed tomography volumetry and renal functional recovery between conventional and robot-assisted laparoscopic partial nephrectomy. Asian Journal of Endoscopic Surgery. 2022;15;63-69	13
1263	A. T. Maeda, H.Watanabe, K.Yanagita, T.Suzuki, T.Nakai, N.Maeda, Y.Shiga, K.Hirokawa, T.Ogawa, R.Hara, M.Matsuo, Y.Takiguchi, S., The clinical impact of robot-assisted laparoscopic rectal cancer surgery associated with robot-assisted radical prostatectomy. Asian Journal of Endoscopic Surgery. 2022;15;36-43	5
1264	M. O. J. Lee, S. Y.Lee, S. K.Hwang, S.Kim, T. G.Song, Y. G., Video-assisted thoracoscopic surgical wedge resection using multiplanar computed tomography reconstruction-fluoroscopy after CT guided microcoil localization. Thoracic Cancer. 2021;12;1721-1725	2
1265	Y. N. Shirakawa, K.Kunitomo, T.Hashimoto, M.Maeda, N.Tanabe, S.Sakurama, K.Fujiwara, T., Initial introduction of robot-assisted, minimally invasive esophagectomy using the microanatomy-based concept in the upper mediastinum. Surgical Endoscopy. 2021;35;6568-6576	5
1266	A. K. Stolz, J.Vachtenheim, J.Svorcova, M.Pozniak, J.Simonek, J.Lischke, R., Starting the first robotic lobectomy program in the Eastern Europe during Coronavirus disease-2019 pandemic. Bratislavske Lekarske Listy. 2022;123;61-65	5
1267	O. M. W. Omisore, L., Kinematics Constraint Modeling for Flexible Robots based on Deep Learning¹. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4940-4943	7
1268	G. L. Choi, D.Kang, I.Young, A. J., Effect of Assistance Timing in Knee Extensor Muscle Activation During Sit-to-Stand Using a Bilateral Robotic Knee Exoskeleton. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4879-4882	2
1269	A. B. M. Lettenberger, B.Legeza, P.Byrne, M. D.Lumsden, A. B.O'Malley, M. K., Comparing Manual and Robotic-Assisted Carotid Artery Stenting Using Motion-Based Performance Metrics. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;1388-1391	12
1270	L. C. Lenfant, D.Beksac, A. T.Schwen, Z.Kaouk, J., Learning curve analysis of single-port robot-assisted extraperitoneal prostatectomy using the cumulative sum (CUSUM) method. BJU International. 2021;128;688-691	8

1271	A. H. Nathan, N.Rashid, A.Patel, S.Phuah, Y.Flora, K.Fricker, M.Cleaveland, P.Kasivisvanathan, V.Williams, N.Miah, S.Collins, J.Kelkar, A.Sridhar, A.Hines, J.Briggs, T.Kelly, J.Shah, N.Shaw, G.Sooriakumaran, P.Rajan, P.Lamb, B. W.Nathan, S., New recommendations to reduce unnecessary blood tests after robot-assisted radical prostatectomy. BJU International. 2021;128;681-684	8
1272	A. O. K. Paludo, P. G.Silva Neto, B.Berger, M.Aron, M.Desai, M.Berger, A. K., Initial experience with first postoperative day Foley catheter removal after robot-assisted radical prostatectomy. BJU International. 2021;128;555-557	8
1273	M. A. H. Ward, S. S.Sanchez, C. E.Whitfield, E. P.Ogola, G. O.Leeds, S. G., Complications Following Robotic Hiatal Hernia Repair Are Higher Compared to Laparoscopy. Journal of Gastrointestinal Surgery. 2021;25;3049-3055	12
1274	Y. L. Chekkoury Idrissi, J. R.Besnainou, G.Hans, S., Is tracheotomy necessary for transoral robotic surgery base of tongue reduction in obstructive sleep apnoea syndrome? Our experience in 20 patients. Clinical Otolaryngology. 2021;46;654-658	8
1275	G. C. Haymerle, E. K.Froggatt, C.Wykes, J.Palme, C. E.Clark, J. R., Transoral robotic free flap inset in oropharyngeal cancer. Clinical Otolaryngology. 2021;46;642-644	8
1276	M. F. D. Ackenbom, S.Romanova, A.Baranski, L.Butters, M. A.Davis, E. M.Zyczynski, H. M., Postoperative Opioid Utilization in Older Women Undergoing Pelvic Organ Prolapse Surgery. Female Pelvic Medicine & Reconstructive Surgery. 2021;27;304-309	5
1277	C. B. Russo, D.Corbucci, C.Stabile, A. M.Rende, M.Gioiello, A.Cruciani, G.Mencacci, A.Galli, F.Pietrella, D., Effect of a UV-C Automatic Last-Generation Mobile Robotic System on Multi-Drug Resistant Pathogens. International Journal of Environmental Research & Public Health [Electronic Resource]. 2021;18;10	2
1278	Y. W. Liu, T.Iordachita,, IIPaquette, C.Kazanzides, P., Analysis of Human Head Motion and Robotic Compensation for PET Imaging Studies. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4836-4839	2
1279	M. K. Aghanouri, P.Mousavi, M.Moradi, H.Mirbagheri, A., Kinematic and Workspace Analysis of the Master Robot in the Sina_{flex} Robotic Telesurgery System. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4777-4780	2
1280	K. M. Kiguchi, K., Simultaneous Control of Tonic Vibration Reflex and Kinesthetic Illusion for Elbow Joint Motion Toward Novel Robotic Rehabilitation. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4773-4776	2
1281	S. G. Johnson, G.Johnson, T.Liarokapis, M.Bellini, C., An Adaptive, Affordable, Open-Source Robotic Hand for Deaf and Deaf-Blind Communication Using Tactile American Sign Language. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4732-4737	2
1282	H. L. L. Zhao, S. Q.Zhou, X. H.Xie, X. L.Hou, Z. G.Zhou, Y. J.Zhang, L. S.Gui, M. J.Wang, J. L., Design and Performance Evaluation of a Novel Vascular Robotic System for Complex Percutaneous Coronary Interventions. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4679-4682	7
1283	Y. L. Sun, T. C., Cruciate-Ligament-Inspired Compliant Joints: Application to 3D-Printed Continuum Surgical Robots. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4645-4648	7
1284	B. M. Laschowski, W.Wong, A.McPhee, J., Computer Vision and Deep Learning for Environment-Adaptive Control of Robotic Lower-Limb Exoskeletons. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4631-4635	2

1285	L. H.-M. Juarez-Villalobos, N.Perez-Gonzalez, J., Machine Learning based Classification of Local Robotic Surgical Skills in a Training Tasks Set. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4596-4599	2
1286	K. X. Li, Y.Liu, L.Meng, M. Q., A Virtual Scanning Framework for Robotic Spinal Sonography with Automatic Real-time Recognition of Standard Views. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4574-4577	2
1287	E. E. C. C. Tuna, M., Localization of Point-of-Interest Positions on Cardiac Surface for Robotic-Assisted Beating Heart Surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4566-4569	7
1288	V. H. Emeli, A., Motivating Spontaneous Infant Kicking Motions through Long Term Learning Utilizing a Robotic Mobile System. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;4518-4521	2
1289	S. C. Sivakanthan, J.Candiotti, J. L.Zhou, J.Sundaram, S. A.Atkins, E. M.Cooper, R. A., Automated Curb Recognition and Negotiation for Robotic Wheelchairs. Sensors. 2021;21;24	2
1290	R. T. Minoda, T.Yoshida, K.Kondo, T.Tanabe, K., Comparison of Surgical Outcomes Between Enucleation and Standard Resection in Robot-Assisted Partial Nephrectomy for Completely Endophytic Renal Tumors Through a 1:1 Propensity Score-Matched Analysis. Journal of Endourology. 2021;35;1779-1784	3
1291	L. W. C. Grimaud, F. V.Chang, J.Ziogas, A.Sfakianos, J. P.Badani, K. K.Uchio, E. M.Anton-Culver, H.Gin, G. E., Comparison of Perioperative Outcomes for Radical Nephrectomy Based on Surgical Approach for Masses Greater Than 10 cm. Journal of Endourology. 2021;35;1785-1792	13
1292	M. S. A. Saeedi-Hosseiny, F.Patel, A. S.McMillan, S.Iordachita,, IIAbedin-Nasab, M. H., Spatial Detection of the Shafts of Fractured Femur for Image-Guided Robotic Surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;3301-3304	2
1293	X. G. Zhou, Y.He, W.Song, H., Hierarchical Attentional Feature Fusion for Surgical Instrument Segmentation. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;3061-3065	8
1294	T. W. Z. Chan, C.Ip, W. H.Choy, A. W., A Combined Deep Learning and Anatomical Inch Measurement Approach to Robotic Acupuncture Points Positioning. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;2597-2600	2
1295	M. A. Maramai, M. T.Aloisi, A.Betella, I.Bogliolo, S.Garbi, A.Maruccio, M.Quatrale, C.Aletti, G. D.Mariani, A.Colombo, N.Maggioni, A.Multinu, F.Zanagnolo, V., Cervical re-injection of indocyanine green to improve sentinel lymph node detection in endometrial cancer. Gynecologic Oncology. 2021;162;38-42	5
1296	S. E. I. Andersson, I. K.Palli, O. H.Salo, J. A.Rasanen, J. V., Learning curve in robotic-assisted lobectomy for non-small cell lung cancer is not steep after experience in video-assisted lobectomy; single-surgeon experience using cumulative sum analysis. Cancer Treatment And Research Communications. 2021;27;100362	13
1297	J. C. C. Angeles Ceron, L.Ruiz, G. O.Ali, S., Assessing YOLACT++ for real time and robust instance segmentation of medical instruments in endoscopic procedures. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;1824-1827	7
1298	R. I. Saito, I.Izumi, K.Tsumura, R.Iwata, H., Robotic Cytology using Extra-Fine Needles : -Proposal of Puncture Control Strategy for Increasing Collection Amount. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2021;2021;1452-1456	7
1299	I. M. F. Rhen, X.Kjellman, M.Forsman, M., A possible revival of population-representing digital human manikins in static work situations - exemplified through an evaluation of a prototype console for robotic surgery. Work. 2021;70;833-851	7

1300	M. M. A. R. Lindenberg, V. V. P.Kieffer, J. J. M.Wijburg, C. C.Fossion, LImclvan der Poel, H. H. G.van Harten, W. W. H., Long-term functional outcomes after robot-assisted prostatectomy compared to laparoscopic prostatectomy: Results from a national retrospective cluster study. European Journal of Surgical Oncology. 2021;47;2658-2666	12
1301	E. K. Bentivegna, M.Nguyen-Xuan, H. T.Plait, L.Seidler, S.Achen, G.Bats, A. S.Azais, H., Docking for robotic extraperitoneal para-aortic lymphadenectomy with Da Vinci Xi surgical system. Journal of Gynecology Obstetrics and Human Reproduction. 2021;50;102131	8
1302	J. S. B. Klebanoff, W. A.Kazma, J.Ingraham, C. F.Mangini, M. G.Nishikawa, M. I.Goldstein, N. M.Tyan, P.Moawad, G. N., Patterns of voiding following laparoscopic hysterectomy. Journal of Gynecology Obstetrics and Human Reproduction. 2021;50;102126	5
1303	T. H. Wedel, T.Moller, T.van Hillegersberg, R.Bleys, RlawWeijs, T. J.van der Sluis, P. C.Grimminger, P. P.Sallum, R. A.Becker, T.Egberts, J. H., Surgical anatomy of the upper esophagus related to robot-assisted cervical esophagectomy. Diseases of the Esophagus. 2021;34;24	7
1304	P. B. Magistri, U.Esposito, A.Carrano, F. M.Pesi, B.Ballarin, R.De Pastena, M.Menonna, F.Moraldi, L.Melis, M.Coratti, A.Newman, E.Napoli, N.Ramera, M.Di Benedetto, F., Robotic vs open distal pancreatectomy: A multi-institutional matched comparison analysis. Journal of Hepato-biliary-pancreatic Sciences. 2021;28;1098-1106	1
1305	S. R. W. Leyh-Bannurah, C.Schuette, A.Liakos, N.Karagiotis, T.Mendrek, M.Rachubinski, P.Oelke, M.Tian, Z.Witt, J. H., Feasibility of robot-assisted radical prostatectomy in men at senior age >=75 years: perioperative, functional, and oncological outcomes of a high-volume center. Aging Male. 2022;25;44789	5
1306	H. K. C. Ting, T. L.Tsai, Y. T.Liu, S. Y.Wu, S. T.Meng, E.Tsao, C. W.Kao, C. C.Chen, C. L.Sun, G. H.Yu, D. S.Yang, M. H., Effects of robot-assisted versus hand-assisted nephroureterectomy on circulating tumor cells for upper urinary tract urothelial carcinoma. Scientific Reports. 2021;11;19499	13
1307	J. L. Yu, Y.Park, J. Y.Hwang, J. H.Kim, Y. K., Diaphragm Thickening Fraction as a Prognostic Imaging Marker for Postoperative Pulmonary Complications in Robot-Assisted Laparoscopic Prostatectomy Requiring the Trendelenburg Position and Pneumoperitoneum. Disease Markers. 2021;2021;9931690	3
1308	C. A. J. King, M.Bradley, A. T.Wlodarski, C.Tauchen, A.Puri, L., Transitioning a Practice to Robotic Total Knee Arthroplasty Is Correlated with Favorable Short-Term Clinical Outcomes-A Single Surgeon Experience. The Journal of Knee Surgery. 2022;35;78-82	5
1309	Y. W. Shi, W.Qiu, W.Zhao, S.Wang, J.Weng, Y.Huo, Z.Jin, J.Wang, Y.Deng, X.Shen, B.Peng, C., Learning Curve From 450 Cases of Robot-Assisted Pancreaticoduocectomy in a High-Volume Pancreatic Center: Optimization of Operative Procedure and a Retrospective Study. Annals of Surgery. 2021;274;e1277-e1283	5
1310	C. K. Pulford, K.Rohloff, M.Peifer, D.Eames, R.Shakuri-Rad, J.Maatman, T., Robotic-assisted nephrectomy with level II IVC thrombectomy using Rummel Tourniquets. International Braz J Urol. 2022;48;196-197	5
1311	J. L. B. S. Buan, W. Z.Lim, X. C.Chong, C. S., Outcomes of robotic low anterior resection versus transanal total mesorectal excision for rectal cancer. Bjs Open. 2021;5;6	12
1312	T. C. d. O. Mourao, R. A. R.Favaretto, R. L.Santana, T. B. M.Sacomani, C. A. R.Bachega, W., Jr.Guimaraes, G. C.Zequi, S. C., Should obesity be associated with worse urinary continence outcomes after robotic-assisted radical prostatectomy? a propensity score matching analysis. International Braz J Urol. 2022;48;122-130	3

1313	E. A. R. Chen, M. A.Lygrisse, K. A.Kurapatti, M.Hepinstall, M. S.Schwarzkopf, R., ICD-10 Coding Mismatch in Computer and Robotic Assisted Primary Total Hip Arthroplasty. Journal of Arthroplasty. 2021;36;3934-3937	2
1314	P. A. Mourmouris, O. B.Tzelves, L.Tuna, M. B.Gourtzelidou, M.Tziotis, A.Kural, A. R.Skolarikos, A., Is robotic radical nephroureterectomy a safe alternative to open approach: The first prospective analysis. Archivio Italiano di Urologia, Andrologia. 2021;93;408-411	13
1315	H. K. Anil, K.Yildiz, A.Savas, M., Does transition from standard to Retzius-sparing technique in robot-assisted radical prostatectomy affect the functional and oncological outcomes?. Archivio Italiano di Urologia, Andrologia. 2021;93;399-403	3
1316	A. L. G. Zebolsky, E.Gulati, A.Wai, K. C.Carpenter, P.Van Zante, A.Ha, P. K.Heaton, C. M.Ryan, W. R., Risk of Pathologic Extranodal Extension and Other Adverse Features After Transoral Robotic Surgery in Patients With HPV-Positive Oropharynx Cancer. JAMA Otolaryngology-- Head & Neck Surgery. 2021;147;1080-1088	5
1317	F. R. Gutierrez, K., MotorSkins-a bio-inspired design approach towards an interactive soft-robotic exosuit. Bioinspiration & Biomimetics. 2021;16;25	7
1318	C. L. Huang, Z.Zhang, L.Wu, X.Xu, T., A magnetically controlled soft miniature robotic fish with a flexible skeleton inspired by zebrafish. Bioinspiration & Biomimetics. 2021;16;27	2
1319	J. Z. Liu, C.Liu, Z.Zhao, R.An, D.Wei, Y.Wu, Z.Yu, J., Design and analysis of a novel tendon-driven continuum robotic dolphin. Bioinspiration & Biomimetics. 2021;16;15	2
1320	Y. R. Kerbage, J.Estrade, J. P.Collinet, P.Huchon, C.Villefranque, V.Rubod, C., Surgical training through simulation dedicated to French Ob-gyn residents. Evaluation and satisfaction. Journal of Gynecology Obstetrics and Human Reproduction. 2021;50;102076	2
1321	J. L. G. Pfail, E. B.Gul, Z.Katims, A. B.Rosenzweig, S. J.Razdan, S.Omidele, O.Nathaniel, S.Loftus, K.Sim, A.Mehrazin, R.Wiklund, P. N.Sfakianos, J. P., Implementation of a nonopioid protocol following robot-assisted radical cystectomy with intracorporeal urinary diversion. Urologic Oncology. 2021;39;436.e9-436.e16	5
1322	A. K. Karaveli, A. S.Ozcelik, M.Ates, M.Inanoglu, K.Ozmen, S., The effect of different levels of pneumoperitoneum pressures on regional cerebral oxygenation during robotic assisted laparoscopic prostatectomy. Turkish Journal of Medical Sciences. 2021;51;1136-1145	3
1323	D. W. Chen, Z.Dong, H.Tan, M.Yu, J., Exploration of swimming performance for a biomimetic multi-joint robotic fish with a compliant passive joint. Bioinspiration & Biomimetics. 2020;16;21	2
1324	M. J. L. Smith, J.Brodsky, A. L.Figueroa, M. A.Stamm, M. H.Giard, A.Luker, N.Friedman, S.Huncke, T.Jain, S. K.Pothuri, B., Optimizing Robotic Hysterectomy for the Patient Who Is Morbidly Obese with a Surgical Safety Pathway. Journal of Minimally Invasive Gynecology. 2021;28;2052-2059.e3	5
1325	N. H. F. Chi, H. Y.Yu, H. Y.Wu, I. H.Wang, C. H.Chou, N. K., Comparison of robotic and conventional sternotomy in redo mitral valve surgery. Journal of the Formosan Medical Association. 2022;121;395-401	13
1326	N. E. W. Anton, J. A.Cha, J.Perkins, L. A.Martin, M.Stefanidis, D., Characterizing robotic surgical expertise: An exploratory study of neural activation during mental imagery of robotic suturing. American Journal of Surgery. 2021;222;1131-1138	2
1327	Y. W. Liu, M.Wang, W.Zhan, X.Peng, J.An, N., Retrospective Analysis of the Efficacy of Da Vinci Robot-Assisted Pyeloplasty in the Treatment of Ureteropelvic Junction Obstruction in Children. Journal of Healthcare Engineering. 2021;2021;5398858	5

1328	H. W. Bai, R.Wang, Q.Xia, G. M.Xue, Y.Dai, Y.Zhang, J. X., Motor Bur Milling State Identification via Fast Fourier Transform Analyzing Sound Signal in Cervical Spine Posterior Decompression Surgery. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2021;13;2382-2395	7
1329	E. M. Curcio, B.Giglio, A.Akoluk, A.Erler, B.Bosscher, J.Borowsky, M.Hicks, V.ElSahwi, K., Sentinel Lymph Node Sampling in Robot-Assisted Staging of Endometrial Cancer. Southern Medical Journal. 2021;114;680-685	5
1330	C. K. C. Roh, S.Seo, W. J.Cho, M.Kim, H. I.Lee, S. K.Lim, J. S.Hyung, W. J., Incidence and treatment outcomes of leakage after gastrectomy for gastric cancer: Experience of 14,075 patients from a large volume centre. European Journal of Surgical Oncology. 2021;47;2304-2312	2
1331	M. A. C. L.-F. Machado, M. M.Mattos, B. H.Ardengh, A. O.Makdissi, F. F., Robotic Liver Resection. Report of the First 50 Cases. Arquivos de Gastroenterologia. 2021;58;514-519	5
1332	K. H. K. Hillebrandt, S.Timmermann, L.Felsenstein, M.Benzing, C.Schmelzle, M.Pratschke, J.Malinka, T., Robotic-assisted pancreatic surgery in the elderly patient: experiences from a high-volume centre. BMC Surgery. 2021;21;415	5
1333	M. W. Baimas-George, M.Martinie, J.Vrochides, D., Curriculum matrix development for a hepato-pancreato-biliary robotic surgery fellowship. Canadian Journal of Surgery. 2021;64;E657-E662	8
1334	J. C. B. Hol, T. A.Rutgers, M. L. W.Crolla, Rmphvan Geloven, N. A. W.Hompes, R.Leijtens, J. W. A.Polat, F.Pronk, A.Smits, A. B.Tuynman, J. B.Verdaasdonk, E. G. G.Consten, E. C. J.Sietses, C., Comparison of laparoscopic versus robot-assisted versus transanal total mesorectal excision surgery for rectal cancer: a retrospective propensity score-matched cohort study of short-term outcomes. British Journal of Surgery. 2021;108;1380-1387	12
1335	S. M. Kandregula, C. M.Malla, B. R.Sperling, M. R.Wu, C.Sharan, A. D., Accuracy of Electrode Insertion Using Frame-Based With Robot Guidance Technique in Stereotactic Electroencephalography: Supine Versus Lateral Position. World Neurosurgery. 2021;154;e325-e332	3
1336	J. J.-Z. Torrent-Sellens, A. I.Saigi-Rubio, F., Do People Trust in Robot-Assisted Surgery? Evidence from Europe. International Journal of Environmental Research & Public Health [Electronic Resource]. 2021;18;28	5
1337	W. S. C. Bolton, S. J.Corrigan, N.Croft, J.Collinson, F.Brown, J. M.Jayne, D. G., The Incidence of Low Anterior Resection Syndrome as Assessed in an International Randomized Controlled Trial (MRC/NIHR ROLARR). Annals of Surgery. 2021;274;e1223-e1229	5
1338	J. G. Crippa, F.Dozois, E. J.Mathis, K. L.Merchea, A.Colibaseanu, D. T.Kelley, S. R.Larson, D. W., Robotic Surgery for Rectal Cancer Provides Advantageous Outcomes Over Laparoscopic Approach: Results From a Large Retrospective Cohort. Annals of Surgery. 2021;274;e1218-e1222	12
1339	A. C. Gangemi, B.Bernante, P.Poggioli, G., Robotic Surgery: Rediscovering Human Anatomy. International Journal of Environmental Research & Public Health [Electronic Resource]. 2021;18;3	8
1340	J. K. Fuchtmann, R.Ostler, D.Naceri, A.Macari, D.Haddadin, S.Wilhelm, D.Feussner, H.Berlet, M., New Method for Surgical Diagnostics - a Robotic Telemedical Approach. Surgical Technology International. 2021;39;28-33	8
1341	Y. Z. Ding, X.Zhang, Y.Shen, F.Ding, J.Hua, K., Cervicovaginal reconstruction with small intestinal submucosa graft in congenital cervicovaginal atresia: A report of 38 cases. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2021;267;49-55	5
1342	D. S. Nathwani, R., Latest Advances in Robot-Assisted Knee Arthroplasty. Surgical Technology International. 2021;39;331-337	7

1343	N. M. Yohe, M. A.Chen, Z.Sultan, A. A., MAKO Robotic-Arm Assisted Total Knee Arthroplasty: Surgical Technique From the Office to the Operating Room. Surgical Technology International. 2021;39;375-385	8
1344	M. G. M. Jushiddi, A.Silien, C.Tofail, S. A. M.Tiernan, P.Mulvihill, J. J. E., A computational multilayer model to simulate hollow needle insertion into biological porcine liver tissue. Acta Biomaterialia. 2021;136;389-401	7
1345	A. K. Amabile, C.Van Praet, K. M.Nazari-Shafti, T. Z.Torregrossa, G.Kofler, M.Kempfert, J.Geirsson, A.Falk, V.Jacobs, S.Balkhy, H. H., Techniques for Robotic-Assisted Surgical Myocardial Revascularization. Surgical Technology International. 2021;39;251-259	8
1346	E. L. S. Hampp, L.Faizan, A.Sodhi, N.Mont, M. A.Westrich, G., Comparison of Iatrogenic Soft Tissue Trauma in Robotic-Assisted versus Manual Partial Knee Arthroplasty. Surgical Technology International. 2021;39;419-426	12
1347	M. M. Hepinstall, F.Naylor, B.Coden, G.Muthusamy, N.Salem, H. S.Mont, M. A., Robotic-Assisted Total Hip Arthroplasty in Patients Who Have Developmental Hip Dysplasia. Surgical Technology International. 2021;39;338-347	5
1348	A. P. Connor, R.Quevedo, A.Chamseddine, P., Robotic Applications for Benign Gynecologic Procedures. Surgical Technology International. 2021;39;232-240	8
1349	K. L. Johnson, B. R.Weizer, A. Z.Herrel, L. A.Rogers, C. G.Qi, J.Johnson, A. M.Seifman, B. D.Sarle, R. C.Michigan Urological Surgery Improvement, Collaborative, Partial nephrectomy should be classified as an inpatient procedure: Results from a statewide quality improvement collaborative. Urologic Oncology. 2021;39;239.e9-239.e16	5
1350	J. S. Kaderabek, V.Matejka, P.Kroulik, M.Kumhala, F., Comparison of Four RTK Receivers Operating in the Static and Dynamic Modes Using Measurement Robotic Arm. Sensors. 2021;21;23	7
1351	K. Y. X. Lei, W. J.Fu, S. Q.Ma, M.Sun, T., A comparison of the da Vinci Xi vs. da Vinci Si surgical systems for radical prostatectomy. BMC Surgery. 2021;21;409	3
1352	H. N. Gilshtein, M.Harbi, A.Lutsyk, M.Duek, D., Initial Experience with Transition from Open to Robotic-assisted Proctectomy for Patients with Rectal Cancer. Israel Medical Association Journal: Imaj. 2021;23;731-734	12
1353	K. F. S. A. Kowalewski, M. A.Neuberger, M.Kirchner, M.Krisam, R.Egen, L.Haney, C. M.Siegel, F.Michel, M. S.Honeck, P.Nuhn, P.Westhoff, N.Kriegmair, M. C., ROBOCOP II (ROBOtic assisted versus conventional open partial nephrectomy) randomised, controlled feasibility trial: clinical trial protocol. BMJ Open. 2021;11;e052087	4
1354	D. T. Dutta, T.Yarlagadda, S.Gupte, A.Reddy, S. K.Madhavan, R.Nair, H.Sasidharan, A.Kannan, R.Pottayil, S. G.Holla, R.Sudhindran, S., Hepatocellular carcinoma patients with portal vein thrombosis treated with robotic radiosurgery: Interim results of a prospective study. Indian Journal of Gastroenterology. 2021;40;389-401	5
1355	I. M. Dominguez-Rosado, M. A., The Future of Technology and Robotics in Surgery. Revista de Investigacion Clinica. 2021;73;326-328	8
1356	J. N. Pierce, K.Adams, C.Coppolecchia, A.Lavernia, C., Robotic-assisted total hip arthroplasty: an economic analysis. Journal of Comparative Effectiveness Research. 2021;10;1225-1234	4
1357	T. E. Matsuyama, H.Yamamoto, H.Takemasa, I.Uehara, K.Hanai, T.Miyata, H.Kimura, T.Hasegawa, H.Kakeji, Y.Inomata, M.Kitagawa, Y.Kinugasa, Y., Outcomes of robot-assisted versus conventional laparoscopic low anterior resection in patients with rectal cancer: propensity-matched analysis of the National Clinical Database in Japan. Bjs Open. 2021;5;6	12

1358	M. I. Yokoyama, J.Toba, M.Fukushima, H.Tanaka, H.Yoshida, S.Matsuoka, Y.Ai, M.Fushimi, K.Fujii, Y., Trends and safety of robot-assisted partial nephrectomy during the initial 2-year period after government approval in Japan: A nationwide database study from 2016 to 2018. International Journal of Urology. 2021;28;1268-1272	5
1359	D. C. Zhang, X.Zheng, J.Zhang, S.Wang, M.Lu, W.Sang, L.Li, W., Neurosurgical robot-assistant stereoelectroencephalography system: Operability and accuracy. Brain and Behavior. 2021;11;e2347	5
1360	M. K. Kazi, N. A. N.Rohila, J.Sukumar, V.Engineer, R.Ankathi, S.Desouza, A.Saklani, A., Minimally invasive versus open pelvic exenterations for rectal cancer: a comparative analysis of perioperative and 3-year oncological outcomes. Bjs Open. 2021;5;6	2
1361	H. F. C. Wang, H. H.Ting, W. H.Lu, H. F.Lin, H. H.Hsiao, S. M., Robotic or laparoscopic treatment of cesarean scar defects or cesarean scar pregnancies with a uterine sound guidance. Taiwanese Journal of Obstetrics & Gynecology. 2021;60;821-826	5
1362	A. T. T. Watral, K. M., Measuring age differences in executive control using rapid motor decisions in a robotic object hit and avoid task. Psychology & Aging. 2021;36;917-927	2
1363	Y. K. Ishiyama, T.Tachibana, H.Yoshida, K.Takagi, T.Iizuka, J.Tanabe, K., Limited impact of warm ischemic threshold for partial nephrectomy in the robotic surgery era: A propensity score matching study. International Journal of Urology. 2021;28;1219-1225	3
1364	G. C. Fang, M. C. K.Ho, J. D. L.He, Z.Wang, K.Ng, T. C.Tsoi, J. K. H.Chan, P. L.Chang, H. C.Chan, D. T.Liu, Y. H.Holsinger, F. C.Chan, J. Y.Kwok, K. W., Soft robotic manipulator for intraoperative MRI-guided transoral laser microsurgery. Began with. 2016;1;18	7
1365	A. S. R. Bhattu, C. R.Jahromi, M.Banerjee, I.Gonzalgo, M. L., Robotic intracorporeal orthotopic neobladder in the supine Trendelenburg position: a stepwise approach. Canadian Journal of Urology. 2021;28;10794-10798	5
1366	L. M. Maynou, W. T.Serra-Sastre, V.Papanicolas, I., Patterns of adoption of robotic radical prostatectomy in the United States and England. Health Services Research. 2021;56 Suppl 3;1441-1461	12
1367	O. Y. B.-A. Kudsi, N.Gokcal, F.Chang, K., Robotic Direct Inguinal Hernia Repair: To Plicate or Not to Plicate?. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2021;31;716-721	5
1368	T. K. Fukui, K.Tsubouchi, H.Ueno, H.Sugiyama, T.Mori, S.Goto, M.Ozeki, N.Hakiri, S.Nakamura, S.Chen-Yoshikawa, T. F., <Editors' Choice> Learning curve of robotic lobectomy for lung malignancies by certified thoracic surgeons. Nagoya Journal of Medical Science. 2021;83;227-237	5
1369	F. Z. Li, F.Tan, D.Ye, J.Tong, W., Robotic transanal total mesorectal excision combined with intersphincteric resection for ultra-low rectal cancer. Techniques in Coloproctology. 2021;25;1335-1336	8
1370	J. G. C. Frederiksen, H. I.Larsen, M. H. H.Christensen, A.Friborg, J.Charabi, B. W.Rubek, N.von Buchwald, C., Long-term survival outcomes after primary transoral robotic surgery (TORS) with concurrent neck dissection for early-stage oropharyngeal squamous cell carcinoma. Acta Oto-Laryngologica. 2021;141;714-718	5
1371	G. Q. W. Ju, Z. J.Shi, J. Z.Zhang, Z. Q.Wu, Z. J.Yin, L.Liu, B.Wang, L. H.Xu, D. L., A comparison of perioperative outcomes between extraperitoneal robotic single-port and multiport radical prostatectomy with the da Vinci Si Surgical System. Asian Journal of Andrology. 2021;23;640-647	3

1372	J. L. Paek, P. C., The early surgical period in robotic radical hysterectomy is related to the recurrence after surgery in stage IB cervical cancer. International Journal of Medical Sciences. 2021;18;2697-2704	5
1373	T. W. Ito, K.Matsushita, Y.Watanabe, H.Tamura, K.Motoyama, D.Sugiyama, T.Otsuka, A.Miyake, H., Impact of Bladder Neck Angle Measured by Postoperative Magnetic Resonance Imaging on Midterm Recovery of Urinary Continence in Prostate Cancer Patients Undergoing Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2021;35;1610-1615	5
1374	P. A. P. York, R.Kent, D.Wood, R. J., Microrobotic laser steering for minimally invasive surgery. Began with. 2016;1;13	2
1375	A. K. Z. Emara, G.Klika, A. K.Koroukian, S. M.Schiltz, N. K.Krebs, V. E.Molloy, R. M.Piuzzi, N. S., Robotic-arm-assisted Knee Arthroplasty Associated With Favorable In-hospital Metrics and Exponentially Rising Adoption Compared With Manual Knee Arthroplasty. Journal of the American Academy of Orthopaedic Surgeons. 2021;29;e1328-e1342	12
1376	H. M. Watanabe, D.Sato, R.Watanabe, K.Matsushita, Y.Ito, T.Sugiyama, T.Otsuka, A.Miyake, H., Health-Related Quality of Life in Patients with Small Renal Mass Who Underwent Robot-Assisted Partial Nephrectomy: A Prospective Evaluation. Journal of Endourology. 2021;35;1644-1649	5
1377	F. K. Masaki, F.Kato, T.Tsukada, H.Colson, Y.Hata, N., Technical Validation of Multi-Section Robotic Bronchoscope With First Person View Control for Transbronchial Biopsies of Peripheral Lung. IEEE Transactions on Biomedical Engineering. 2021;68;3534-3542	7
1378	J. J. C. Bigham, E. K.Sorensen, M.Chansky, H. A.Telfer, S., Using Wearable Technology to Measure the Association Between Neck Posture and Pain During Urologic Open and Robotic Surgery. Journal of Endourology. 2021;35;1710-1715	1
1379	M. E. Stewart, L.Sagheer, H.Curry, J. M.Boon, M.Huntley, C., Upper airway stimulation: Fewer complications, ED presentations, readmissions, and increased surgical success. American Journal of Otolaryngology. 2021;42;103035	1
1380	Y. E. Kondo, N.Mihara, T.Koyama, Y.Takahashi, K.Okamura, K.Goto, T., Intraocular pressure during robotic-assisted laparoscopic prostatectomy: a prospective observational study. Brazilian Journal of Anesthesiology. 2021;71;618-622	5
1381	A. K. W. Chow, B. M.Phillips, T.Sands, K. G.Vetter, J.Venkatesh, R.Kim, E. H.Bhayani, S. B.Figenshau, R. S., Incisional Lumbodorsal Hernias Following Retroperitoneal Robotic Partial Nephrectomies for Small Renal Masses at a High-Volume Tertiary Referral Center. Journal of Endourology. 2021;35;1639-1643	5
1382	L. C. L. Kidd, M.Lee, Z.Epstein, M.Liu, S.Rangel, E.Ahmed, N.Sotelo, R.Hemal, A.Eun, D. D., A Multi-Institutional Experience with Robotic Vesicovaginal and Ureterovaginal Fistula Repair After Iatrogenic Injury. Journal of Endourology. 2021;35;1659-1664	5
1383	B. E. Balkan, N. S.Demirayak, B.Cetingok, H.Bayrak, B., The effect of robotic surgery on intraocular pressure and optic nerve sheath diameter: a prospective study. Brazilian Journal of Anesthesiology. 2021;71;607-611	5
1384	H. G. Ko, S. A., Robotic Prostatectomy and Prostate Cancer-Related Medicaid Spending: Evidence from New York State. Journal of General Internal Medicine. 2021;36;3388-3394	5
1385	C. K. H. Young, S. F., Endoscopic-Assisted Oropharyngectomy for Early Oropharyngeal Cancer in Trismus Patients. Surgical Innovation. 2021;28;700-705	2
1386	V. H. Schmelter, S.Muacevic, A.Priglinger, S. G.Foerster, P.Liegl, R., Robotic assisted CyberKnife radiosurgery for the treatment of iris melanoma. Scientific Reports. 2021;11;5685	5

1387	S. M. Inoue, H.Hieda, K.Hayashi, T.Tsutsumi, Y. M.Teishima, J., Postoperative around-the-clock administration of intravenous acetaminophen for pain control following robot-assisted radical prostatectomy. Scientific Reports. 2021;11;5174	3
1388	B. Y. Su, S.Li, X.Gong, Y.Li, H.Ren, Z.Xia, Y.Wang, H.Zhang, Y.Yao, W.Wang, J.Tang, J., Autonomous Robot for Removing Superficial Traumatic Blood. IEEE Journal of Translational Engineering in Health and Medicine. 2021;9;2600109	7
1389	D. C. Bansal, S.Maheshwari, R.Bansal, A.Kumar, A., Establishing a Robot-Assisted Kidney Transplant Program: Independent Evaluation of the Learning Curve and Surgical Nuances. Journal of Endourology. 2021;35;1650-1658	5
1390	C. B. Paolini, L.Gabellini, L.Urciuoli, I.Pacciani, S.Tribuzi, A.Moraldi, L.Calistri, M.Coratti, A., Robotic versus open pancreaticoduodenectomy: Is there any difference for frail patients?. Surgical Oncology. 2021;37;101515	12
1391	P. A. Makela, M.Suomi, V.Steiner, A.Saunavaara, J.Sainio, T.Horte, A.Taimen, P.Bostrom, P.Blanco Sequeiros, R., Acute and subacute prostate MRI findings after MRI-guided transurethral ultrasound ablation of prostate cancer. Acta Radiologica. 2021;62;1687-1695	2
1392	A. M. Mottrie, E.Wiklund, P.Graefen, M.Collins, J. W.De Groote, R.Dell'Oglio, P.Puliatti, S.Gallagher, A. G., Objective assessment of intraoperative skills for robot-assisted radical prostatectomy (RARP): results from the ERUS Scientific and Educational Working Groups Metrics Initiative. BJU International. 2021;128;103-111	5
1393	Z. J. W. Loh, T. Y.Cheng, F. T., Evaluation of the Learning Curve in Robotic Nipple-sparing Mastectomy for Breast Cancer. Clinical Breast Cancer. 2021;21;e279-e284	5
1394	Z. M. Lone, P. B.Zhang, J. H.Ericson, K. J.Thomas, L.Khanna, A.Haber, G. P.Lee, B. H., Comparison of renal function after open radical cystectomy, extracorporeal robot assisted radical cystectomy, and intracorporeal robot assisted radical cystectomy. Urologic Oncology. 2021;39;301.e1-301.e9	13
1395	Q. G. Cheng, L.Zhao, X.Chen, W.Chang, X.Ai, Q.Zhang, X.Li, H., A new index (A/G) associated with early complications of radical cystectomy and intestinal urinary diversion. Urologic Oncology. 2021;39;301.e11-301.e16	2
1396	J. L. K. Pfail, A. B.Gul, Z.Rosenzweig, S. J.Razdan, S.Nathaniel, S.Martini, A.Mehrazin, R.Wiklund, P. N.Loftus, K.Sim, A.DeMaria, S.Sfakianos, J. P., Can anesthetics affect bladder cancer recurrence? Total intravenous versus volatile anesthesia in patients undergoing robot-assisted radical cystectomy: A single institution retrospective analysis. Urologic Oncology. 2021;39;233.e1-233.e8	3
1397	Y. S. S. Lee, T. Y., Detrusorrhaphy and Intrafascial Nerve-Sparing During Robot-Assisted Radical Prostatectomy on Recovery of Continence and Potency: Surgical Feasibility, One-Year Functional and Oncologic Outcomes. Urology Journal. 2020;18;314-321	5
1398	K. T. Jones, N.Imamoglu, G.Solomon, E.Rastegar, V.Harmanli, O., Short-Term Outcomes of Vaginal Hysterectomy at the Time of Robotic Sacrocolpopexy. Female Pelvic Medicine & Reconstructive Surgery. 2021;27;e223-e226	5
1399	A. B. Bahgat, Y., Robo-Cob technique; transoral endoscopic coblation tongue base resection in obstructive sleep apnea patients. Sleep & Breathing. 2021;25;411-415	5
1400	M. B. Ferriero, A. M.Tuderti, G.Anceschi, U.Brassetti, A.Costantini, M.Mastroianni, R.Guaglianone, S.Gallucci, M.Simone, G., Impact of learning curve on perioperative outcomes of off-clamp minimally invasive partial nephrectomy: propensity score matched comparison of outcomes between training versus expert series. Minerva Urology and Nephrology. 2021;73;564-571	3

1401	F. G. Dal Moro, F.Ferraioli, G.Zaborra, C.Valotto, C., How to manage a partial detachment of the ureter during robotic radical prostatectomy?. Minerva Urology and Nephrology. 2021;73;672-673	8
1402	R. G.-L. Badida, E.Sise, C.Moore, D. C.Crisco, J. J., An Approach to Robotic Testing of the Wrist Using Three-Dimensional Imaging and a Hybrid Testing Methodology. Journal of Biomechanical Engineering. 2020;142;1	7
1403	S. S. Mattheis, A.Stahr, K.Holtmann, L.Hoing, B.Hussain, T.Kanaan, O.Eckstein, A.Lang, S., First Use of a New Robotic Endoscope Guiding System in Endoscopic Orbital Decompression. Ear, Nose, & Throat Journal. 2021;100;443S-448S	2
1404	Y. G. Wang, H.Greenberger, M.Yu, X.Tian, G.VanderWalde, N.Stockstill, T.Farmer, M.Rinker, L.Izaguirre, E. W.Somer, B.Ballo, M. T., Survival After Robotic-assisted Prostatectomy for Localized Prostate Cancer: An Epidemiologic Study. Annals of Surgery. 2021;274;e507-e514	12
1405	C. C. H. Crisp, C. V.Kleeman, S. D.Pauls, R. N., Critical Anatomy for Robotic Sacrocolpopexy: A Long-term Follow-up Study. Female Pelvic Medicine & Reconstructive Surgery. 2021;27;16-17	5
1406	C. P. Marzi, T.Haag, J.Klenzner, T.Mathis-Ullrich, F., Continuous Feature-Based Tracking of the Inner Ear for Robot-Assisted Microsurgery. Frontiers in Surgery. 2021;8;742160	7
1407	L. J. Rath, F.Schulz, G. B.Kretschmer, A.Buchner, A.Stief, C. G.Weinhold, P., Combined Open Prostatectomy and Kidney Surgery: Feasibility and 12-Month Outcome. Research & Reports in Urology. 2021;13;815-821	2
1408	N. M. Hirahara, T.Kaji, S.Uchida, Y.Yamamoto, T.Hyakudomi, R.Zotani, H.Kawakami, K.Sasaki, Y.Tajima, Y., A safe, reliable, and efficient robot-assisted port site closure for robot-assisted gastrectomy. Annals of Medicine & Surgery. 2021;71;103001	5
1409	A. R. Perrakis, M.Gumbs, A. A.Negrini, V.Andric, M.Stockheim, J.Wex, C.Lorenz, E.Arend, J.Franz, M.Croner, R. S., Three-Device (3D) Technique for Liver Parenchyma Dissection in Robotic Liver Surgery. Journal of Clinical Medicine. 2021;10;12	5
1410	G. E. F.-J. Jablonski, B.Bunne, M.Iftikhar, M.Greisiger, R.Opheim, L. R.Korslund, H.Myhrum, M.Sorensen, T. M., Fusion of Technology in Cochlear Implantation Surgery: Investigation of Fluoroscopically Assisted Robotic Electrode Insertion. Frontiers in Surgery. 2021;8;741401	7
1411	O. Y. S. Joo, S. Y.Lew, D. H.Park, H. S.Lee, D. W., Robotic harvest of a latissimus dorsi flap using a single-port surgical robotic system in breast reconstruction. Archives of Plastic Surgery. 2021;48;577-582	5
1412	C. W. Yuan, J.Cheng, S.Li, Z.Xu, C.Zhu, W.Fan, S.Yang, K.Li, X.Zhou, L., Robotic ureteral reimplantation for the management of ureterovaginal fistula: four cases at a single center. Translational Andrology & Urology. 2021;10;3705-3713	5
1413	N. A. Krishnan, S.Sandlas, G., Evaluating the Impact of COVID-19 Pandemic on Public Interest in Minimally Invasive Surgery: An Infodemiology Study Using Google Trends. Cureus. 2021;13;e18848	8
1414	N. U. Omarov, D.Azamat, I. F.Ozoran, E.Ozata, I. H.Biricik, F. S.Taskin, O. C.Balik, E., The Role of Minimally Invasive Surgery in Gastric Cancer. Cureus. 2021;13;e19563	2
1415	T. D. B. Witek, J. J.Sarkaria, I. S., Technique of robotic esophagectomy. Journal of Thoracic Disease. 2021;13;6195-6204	8
1416	P. R. Lindstrom, G.Everhov, A. H.Sandblom, G., Postoperative Pain After Robot-Assisted Laparoscopic Ventral Hernia Repair. Frontiers in Surgery. 2021;8;724026	5

1417	C. H. P. Koo, I.Ahn, S.Lee, S.Ryu, J. H., Effect of Neuromuscular Blockade on Intraoperative Respiratory Mechanics and Surgical Space Conditions during Robot-Assisted Radical Prostatectomy: A Prospective Randomized Controlled Trial. Journal of Clinical Medicine. 2021;10;29	2
1418	L. F. D. Azenha, R.Minervini, F.Dorn, P.Lutz, J.Kocher, G. J., Robotic vs. Transsternal Thymectomy: A Single Center Experience over 10 Years. Journal of Clinical Medicine. 2021;10;27	13
1419	S. M. Kumar, P.Mishra, A.Patel, D.Chandora, R.Handa, R.Chauhan, R., Robot-assisted laparoscopic repair of injuries to bladder and ureter following gynecological surgery and obstetric injury: A single-center experience. Urology Annals. 2021;13;405-411	5
1420	N. J. K. Lee, A.Lombardi, J. M.Boddapati, V.Park, P. J.Mathew, J.Leung, E.Mullin, J. P.Pollina, J.Lehman, R. A., The accuracy of robot-assisted S2 alar-iliac screw placement at two different healthcare centers. The Journal of Spine Surgery. 2021;7;326-334	5
1421	M. J. O. Rodriguez, A. S.Schawkat, K.Kennedy, K.Bullock, A.Pleskow, D. K.Critchlow, J.Moser, A. J., Treatment burden of robotic gastrectomy for locally advanced gastric cancer (LAGC): a single western experience. Annals of Translational Medicine. 2021;9;1408	12
1422	K. B. F. Siemionow, C. W.Foy, M. P.Gawel, D.Luciano, C. J., Autonomous lumbar spine pedicle screw planning using machine learning: A validation study. Journal of Craniovertebral Junction & Spine. 2021;12;223-227	2
1423	K. A. Karamik, Y.Erdemir, A. G.Islamoglu, E.Olcucu, M. T.Ozsoy, C.Savas, M.Ates, M., Predicting Strict Trifecta Outcomes after Robot-Assisted Partial Nephrectomy: Comparison of RENAL, PADUA, and C-Index Scores. Journal Of Kidney Cancer And VHL. 2021;8;44573	5
1424	D. P. M. Viros Porcuna, L.Vina Soria, C.Nicastro, V.Palau Viarnes, M.Pollan Guisasola, C., A retrospective analysis of surgery in prestyloid parapharyngeal tumors: Lateral approaches vs transoral robotic surgery. Laryngoscope Investigative Otolaryngology. 2021;6;1062-1067	3
1425	H. S. Garg, A.Singh, P.Kumar, R., Changing trends in robot-assisted radical prostatectomy: Inverse stage migration-A retrospective analysis. Prostate International. 2021;9;157-162	3
1426	H. O. Oshio, Y.Yunome, G.Okazaki, S.Kawamura, I.Ashitomi, Y.Musha, H.Kawai, M.Motoi, F., Transanal total mesorectal excision and transabdominal robotic surgery for rectal cancer: A retrospective study. Annals of Medicine & Surgery. 2021;70;102902	5
1427	S. A. Khan, A. H. M.Khan, R. A.Al-Salihi, M. M.Rahman, S.Rahman, M. M., Robotic surgery in Asia. Annals of Medicine & Surgery. 2021;70;102890	8
1428	H. G. Sun, J.Jin, Z.Wu, Y.Zhou, Y.Liu, X., Robotic single-site surgery versus laparoendoscopic single-site surgery in early-stage endometrial cancer: a case-control study. Wideochirurgia i Inne Techniki Maloinwazyjne. 2021;16;597-603	13
1429	F. G. Sommer, J. L.McGrath, L., Jr.Kirnaz, S.Medary, B.Hartl, R., Image Guidance in Spinal Surgery: A Critical Appraisal and Future Directions. International Journal of Spine Surgery. 2021;15;S74-S86	2
1430	D. P. W. Devito, R., History and Evolution of Spinal Robotics in Pediatric Spinal Deformity. International Journal of Spine Surgery. 2021;15;S65-S73	8
1431	P. K. P. Cronin, K.Protopsaltis, T. S., Role of Robotics in Adult Spinal Deformity. International Journal of Spine Surgery. 2021;15;S56-S64	8
1432	B. F. P. Judy, Z.Botros, D.Tsehay, Y.Kopparapu, S.Liu, A.Theodore, N.Zakaria, H. M., Spine Image Guidance and Robotics: Exposure, Education, Training, and the Learning Curve. International Journal of Spine Surgery. 2021;15;S28-S37	8

1433	A. C. Sivaganesan, N. J.Alluri, R. K.Vaishnav, A. S.Qureshi, S. A., Robotics and Spine Surgery: Lessons From the Personal Computer and Industrial Revolutions. International Journal of Spine Surgery. 2021;15;S21-S27	8
1434	T. W. Cui, M. C.Kittel, J. A.Joshi, N.Koyfman, S. A.Xia, P., Dosimetric Benefits of Omitting Primary Tumor Beds in Postoperative Radiotherapy After Transoral Robotic Surgery Using the Auto-Planning Technique. Cureus. 2021;13;e18065	7
1435	L. B. Afferi, P.Fankhauser, C.Mordasini, L.Moschini, M.Aschwanden, F.Mattei, A., Nerve-sparing Robot-assisted Retroperitoneal Lymph Node Dissection: The Monoblock Technique. European Urology Open Science. 2021;32;44568	5
1436	T. M. P. Kaffenberger, A. K.Lyu, L.Li, J.Wasserman-Wincko, T.Zandberg, D. P.Clump, D. A.Johnson, J. T.Nilsen, M. L., Quality of life after radiation and transoral robotic surgery in advanced oropharyngeal cancer. Laryngoscope Investigative Otolaryngology. 2021;6;983-990	7
1437	K. M. Volner, J. C.Schoppy, D.Lim, J. H., Utilization of Silicone Sheet as a Protective Guide During Transoral Robotic Tongue Base Surgery. OTO Open : The Official Open Access Journal of the American Academy of Otolaryngology--Head and Neck Surgery Foundation. 2021;5;2473974X211051315	5
1438	A. B. D. Auinger, V.Liepins, R.Riss, D.Baumgartner, W. D.Arnoldner, C., Robotic Cochlear Implant Surgery: Imaging-Based Evaluation of Feasibility in Clinical Routine. Frontiers in Surgery. 2021;8;742219	5
1439	E. V. Talon, M.Wagner, F.Caversaccio, M.Wimmer, W., Quantitative Analysis of Temporal Bone Density and Thickness for Robotic Ear Surgery. Frontiers in Surgery. 2021;8;740008	7
1440	J. M. Hermann, F.Weber, S.Caversaccio, M.O'Toole Bom Braga, G., In Silico Assessment of Safety and Efficacy of Screw Placement for Pediatric Image-Guided Otologic Surgery. Frontiers in Surgery. 2021;8;736217	2
1441	A. S. Dhanasingh, C.Bance, M.Van Rompaey, V.Van de Heyning, P., Cochlear Size Assessment Predicts Scala Tympani Volume and Electrode Insertion Force-Implications in Robotic Assisted Cochlear Implant Surgery. Frontiers in Surgery. 2021;8;723897	2
1442	K. T. Yamazaki, G.Kozuma, Y.Shoji, F.Shimokawa, M.Takeo, S., Cumulative experience of the anterior approach in robot-assisted thoracic surgery for lung cancer patients. Journal of Thoracic Disease. 2021;13;5487-5495	5
1443	T. M. Antaki, J.McGroarty, J., Robotics-assisted epicardial left atrial appendage clip exclusion. JTCVS Technique. 2021;9;59-68	5
1444	C. C. R. Zirafa, G.Sicolo, E.Cariello, C.Morganti, R.Conoscenti, L.Hung-Key, T.Davini, F.Melfi, F., Robotic Surgery for Non-Small Cell Lung Cancer Treatment in High-Risk Patients. Journal of Clinical Medicine. 2021;10;26	5
1445	E. K. Birgin, S. R.Hetjens, S.Correa-Gallego, C.Rahbari, N. N., Minimally Invasive versus Open Liver Resection for Stage I/II Hepatocellular Carcinoma. Cancers. 2021;13;25	2
1446	X. W. Xie, Y.Li, K.Ai, C.Wang, Q.Wang, C.Chen, J.Xiang, B., Preliminary Experiences With Robot-Assisted Choledochal Cyst Excision Using the Da Vinci Surgical System in Children Below the Age of One. Frontiers in Pediatrics. 2021;9;741098	5
1447	G. V. Corrado, E.Perrone, A. M.Mereu, L.Cela, V.Legge, F.Hilaris, G.Pasciuto, T.D'Indinosante, M.La Fera, E.Certelli, C.Bruno, V.Kogeorgos, S.Fanfani, F.De Iaco, P.Scambia, G.Gallotta, V., Comparison Between Laparoscopic and Robotic Surgery in Elderly Patients With Endometrial Cancer: A Retrospective Multicentric Study. Frontiers in Oncology. 2021;11;724886	13

1448	K. H.-K. Hagmann, A.Klodmann, J.Richter, R.Stulp, F.Leidner, D., A Digital Twin Approach for Contextual Assistance for Surgeons During Surgical Robotics Training. Frontiers in Robotics & AI. 2021;8;735566	2
1449	A. V. W. Patel, C. A.Schwartz, J. T.Pitaro, N. L.Shah, K. C.Singh, S.Arvind, V.Kim, J. S.Cho, S. K., Emerging Technologies in the Treatment of Adult Spinal Deformity. Neurospine. 2021;18;417-427	2
1450	B. W. B. Cunningham, D. M.McAfee, P. C., Accuracy of Robotic-Assisted Spinal Surgery-Comparison to TJR Robotics, da Vinci Robotics, and Optoelectronic Laboratory Robotics. International Journal of Spine Surgery. 2021;15;S38-S55	8
1451	M. A. Franz, J.Wolff, S.Perrakis, A.Rahimli, M.Negrini, V. R.Stockheim, J.Lorenz, E.Croner, R., Tumor visualization and fluorescence angiography with indocyanine green (ICG) in laparoscopic and robotic hepatobiliary surgery - valuation of early adopters from Germany. Innovative Surgical Sciences. 2021;6;59-66	2
1452	Y. S. S. Choi, W. Y.Yi, J. W., Single Surgeon Experience with 500 Cases of the Robotic Bilateral Axillary Breast Approach (BABA) for Thyroid Surgery Using the Da-Vinci Xi System. Journal of Clinical Medicine. 2021;10;7	12
1453	S. G. Balasubramanian, S.Mohammed, J. S.Sujatha, S., A self-aligning end-effector robot for individual joint training of the human arm. Journal of Rehabilitation & Assistive Technologies Engineering. 2021;8;20556683211019800	7
1454	A. G. B. Amin, O.Bilsky, M. H., CT-Based Image-Guided Navigation and the DaVinci Robot in Spine Oncology: Changing Surgical Paradigms. HSS Journal. 2021;17;294-301	8
1455	S. Z. Zeng, Y.Wang, M.Bao, H.Na, Y.Pan, T., Holographic reconstruction technology used for intraoperative real-time navigation in robot-assisted partial nephrectomy in patients with renal tumors: a single center study. Translational Andrology & Urology. 2021;10;3386-3394	5
1456	K. H. Okuda, H.Yokota, K.Tatematsu, T.Sakane, T.Oda, R.Matsui, T.Nakanishi, R., Examination on the necessity of pericardial fat tissue resection in extended thymectomy for myasthenia gravis. Gland Surgery. 2021;10;2438-2444	2
1457	A. D. Ladak, D.Halbreiner, M. S.Passineau, M. J.Murali, S.Riviere, C. N., Introducer Design Concepts for an Epicardial Parallel Wire Robot. Robotic Surgery. 2021;8;21-38	7
1458	J. L. Peng, W.Tang, J.Li, Y.Li, X.Wu, X.Lu, Z.Lin, J.Pan, Z., Surgical Outcomes of Robotic Resection for Sigmoid and Rectal Cancer: Analysis of 109 Patients From a Single Center in China. Frontiers in Surgery. 2021;8;696026	5
1459	G. C. Ceccarelli, G.De Rosa, M.Codacci Pisanelli, M.Frezza, B.De Prizio, M.Bravi, I.Scacchi, A.Gallo, G.Amato, B.Bugiantella, W.Tacchi, P.Bartoli, A.Patriti, A.Cappuccio, M.Komici, K.Mariani, L.Avella, P.Rocca, A., Minimally Invasive Approach to Gastric GISTs: Analysis of a Multicenter Robotic and Laparoscopic Experience with Literature Review. Cancers. 2021;13;27	12
1460	S. S. Y. Waigankar, T. B.Dev, P.Agarwal, V.Pednekar, A. P.Kulkarni, B., Robotic Freyer's prostatectomy: Operative technique and single-center experience. Indian Journal of Urology. 2021;37;247-253	5
1461	J. M. B. Baste, B.Selim, J.Sarsam, M.Lefevre-Scelles, A.Dusseaux, M. M.Franchina, S.Palenzuela, A. S.Chagraoui, A.Peillon, C.Thouroude, A.Henry, J. P.Coq, J. M.Sibert, L.Damm, C., Implementation of simulation-based crisis training in robotic thoracic surgery: how to improve safety and performance?. Journal of Thoracic Disease. 2021;13;S26-S34	2

1462	K. S. Cosendey, J.Mahlouly, J.Omoumi, P.Jolles, B. M.Favre, J., Bone Cuts Accuracy of a System for Total Knee Arthroplasty including an Active Robotic Arm. Journal of Clinical Medicine. 2021;10;20	5
1463	C. N. V. Ekeke, M.Istvaniczdravkovic, S.Semaan, R.Dhupar, R., Lung Nodule Evaluation Using Robotic-Assisted Bronchoscopy at a Veteran's Affairs Hospital. Journal of Clinical Medicine. 2021;10;19	5
1464	M. P. Casiraghi, F.Sedda, G.Mazzella, A.Guarize, J.Maisonneuve, P.De Marinis, F.Spaggiari, L., Preliminary Results of Robotic Lobectomy in Stage IIIA-N2 NSCLC after Induction Treatment: A Case Control Study. Journal of Clinical Medicine. 2021;10;5	13
1465	B. C. Lee, Y.Cho, J. Y.Yoon, Y. S.Han, H. S., Initial experience with a robotic hepatectomy program at a high-volume laparoscopic center: single-center experience and surgical tips. Annals of Translational Medicine. 2021;9;1132	5
1466	J. Z. Wang, B.Fan, J.Cheng, S.Fan, S.Yin, L.Li, Z.Guan, H.Yang, K.Li, X., The application of the "omental wrapping" technique with autologous onlay flap/graft ureteroplasty for the management of long ureteral strictures. Translational Andrology & Urology. 2021;10;2871-2878	13
1467	M. A. Yamamoto, K.Hara, K.Sugezawa, K.Uejima, C.Tanio, A.Shishido, Y.Miyatani, K.Hanaki, T.Kihara, K.Matsunaga, T.Tokuyasu, N.Sakamoto, T.Fujiwara, Y., Initial Experience in Rectal Cancer Surgery for the Next Generation of Robotic Surgeons Trained in a Dual Console System. Yonago Acta Medica. 2021;64;240-248	5
1468	J. M. S. El-Asmar, R.Mailhac, A.Bulbul, M.Khauli, R.Tamim, H.El Hajj, A., Use of Bariatric Ports in 4-Arm Robotic Partial Nephrectomy: A Comparative Study With the Standard 3-Arm Technique. Cureus. 2021;13;e16461	3
1469	H. G. L. Liu, Y. Y.Zhang, H.Meng, F. G.Zhang, K.Zhu, G. Y.Chen, Y. C.Liu, D. F.Zhang, J. G.Yang, A. C., A Bulk Retrospective Study of Robot-Assisted Stereotactic Biopsies of Intracranial Lesions Guided by Videometric Tracker. Frontiers in neurology [electronic resource].. 2021;12;682733	7
1470	D. F. L. Liu, H. G.Zhang, K.Meng, F. G.Yang, A. C.Zhang, J. G., The Clinical Application of Robot-Assisted Ventriculoperitoneal Shunting in the Treatment of Hydrocephalus. Frontiers in Neuroscience. 2021;15;685142	5
1471	S. H. C. Han, E. J., Robotic retroauricular thyroidectomy with additional axillary port: Early personal experiences. Laryngoscope Investigative Otolaryngology. 2021;6;885-891	5
1472	W. P. Ratanapornsompong, S.Sangkum, P.Leenanupan, C.Kongcharoensombat, W., Effect of puboprostatic ligament preservation during robotic-assisted laparoscopic radical prostatectomy on early continence: Randomized controlled trial. Asian Journal of Urology. 2021;8;260-268	3
1473	G. M. Rofaiel, M. Z.Baker, N.Campsen, J.Kim, R., Robotic-assisted Kidney Transplantation With Simultaneous Bilateral Nephrectomies Is an Efficient, Feasible, and Safe Way to Manage Patients With Renal Failure Secondary to Adult Polycystic Kidney Disease. Transplantation Direct. 2021;7;e740	5
1474	M. M. Shoraka, H.Carbajal-Mamani, S.Cardenas-Goicoechea, J., Robotic assisted cytoreductive surgery, removal of a recurrent disease in the right pericaval lymph node in a patient with ovarian cancer with the robotic Xi platform. Obstetrics & Gynecology Science. 2021;64;560-564	5
1475	K. A. Izzetoglu, M. E.Agrali, A.Kitapcioglu, D.Gungor, M.Simsek, A., Studying Brain Activation during Skill Acquisition via Robot-Assisted Surgery Training. Brain Sciences. 2021;11;16	2
1476	S. Park, Robot-Assisted Thoracic Surgery Thymectomy. Journal of Chest Surgery. 2021;54;319-324	8

1477	C. H. Kang, Totally Robotic Esophagectomy. Journal of Chest Surgery. 2021;54;302-309	5
1478	J. H. H. Lee, J. I.Kim, H. K., Robot-Assisted Thoracic Surgery in Non-small Cell Lung Cancer. Journal of Chest Surgery. 2021;54;266-278	5
1479	H. B. A. Haberal, M.Gudeloglu, A.Yazici, S.Bilen, C. Y., Minimally Invasive Partial Nephrectomy in the Era of Robotic Surgery. Sisli Etfal Hastanesi Tp Bulteni. 2021;55;167-172	13
1480	E. G. Axen, R. A.Bjartell, A.Carlsson, S.Haglind, E.Hugosson, J.Lantz, A.Mansson, M.Steineck, G.Wiklund, P.Stranne, J., Degree of Preservation of Neurovascular Bundles in Radical Prostatectomy and Recurrence of Prostate Cancer. European Urology Open Science. 2021;30;25-33	2
1481	C. H. C. Yee, B. L. H.Gudaru, K.Wong, H. F.Tam, M. H. M.Teoh, J. Y. C.Chiu, P. K. F.Hou, S. M.Ng, C. F., Robotic radical cystectomy and bilateral nephrectomy in a renal transplant patient: the indocyanine green technique. Central European Journal of Urology. 2021;74;272-273	8
1482	A. F. Sciarra, M.Maggi, M.Magliocca, F. M.Ciardi, A.Panebianco, V.Berardinis, E.Salciccia, S.Di Pierro, G. B.Gentilucci, A.Del Giudice, F.Busetto, G. M.Tufano, A., Prospective comparative trial on nerve-sparing radical prostatectomy using a robot-assisted versus laparoscopic technique: expectation versus satisfaction and impact on surgical margins. Central European Journal of Urology. 2021;74;169-177	12
1483	Z. P. T. Zhou, X. L.Zhao, Z. M.Gao, Y. X.Song, Y. Y.Jia, Y. Z.Li, C. G., Robotic resection of duodenal gastrointestinal stromal tumour: Preliminary experience from a single centre. World Journal of Gastrointestinal Oncology. 2021;13;706-715	12
1484	W. M. H. Fadlalla, A.Abdelhakim, M.Aboulkassem, H.Ashraf, E. S.Abdelbary, A., Randomized Controlled Trial of Laparoscopic versus Open Radical Cystectomy in a Laparoscopic Naive Center. Advances in Urology. 2021;2021;4731013	2
1485	A. A. Ebrahimi, F.Sefati, S.Patel, N.He, C.Gehlbach, P.Iordachita, I., Stochastic Force-based Insertion Depth and Tip Position Estimations of Flexible FBG-Equipped Instruments in Robotic Retinal Surgery. Ieee/Asme Transactions on Mechatronics. 2021;26;1512-1523	7
1486	Y. A. H. Tsou, C. C.Shih, L. C.Lin, T. C.Chiu, C. J.Tien, V. H.Tsai, M. H.Chang, W. D., Combined Transoral Robotic Tongue Base Surgery and Palate Surgery in Obstructive Sleep Apnea Syndrome: Modified Uvulopalatopharyngoplasty versus Barbed Reposition Pharyngoplasty. Journal of Clinical Medicine. 2021;10;18	3
1487	T. S. Zhang, Z.Zhang, Y.Ji, X.Jing, X.Shi, Y.Cheng, X.Zhao, R., Single-docking robotic-assisted artery-guided segmental splenic flexure colectomy for splenic flexure cancer-a propensity score-matching analysis. Journal of Gastrointestinal Oncology. 2021;12;944-952	12
1488	F. T. M. Gallina, E.Forcella, D.Mercadante, E.Marinelli, D.Ceddia, S.Cappuzzo, F.Vari, S.Cecere, F. L.Caterino, M.Vidiri, A.Visca, P.Buglioni, S.Sperduti, I.Marino, M.Facciolo, F., Nodal Upstaging Evaluation After Robotic-Assisted Lobectomy for Early-Stage Non-small Cell Lung Cancer Compared to Video-Assisted Thoracic Surgery and Thoracotomy: A Retrospective Single Center Analysis. Frontiers in Surgery. 2021;8;666158	13
1489	C. L. V. H. Mullens, A. L.Marsh, J. W.Hogg, M. E.Thomay, A. A.Schmidt, C. R.Boone, B. A., Development of a Senior Medical Student Robotic Surgery Training Elective. Journal of Medical Education & Curricular Development. 2021;8;23821205211024000	8
1490	Z. W. Zheng, X.Huang, Y.Lu, X.Zhao, X.Chi, P., An Intrasheath Separation Technique for Nerve-Sparing High Ligation of the Inferior Mesenteric Artery in Colorectal Cancer Surgery. Frontiers in Oncology. 2021;11;694059	5
1491	R. Z. Xia, Z.Zhang, J.Yu, D.Wang, L.Mao, Y.Zhu, Z.Wu, H.Dai, K.Yan, M.Li, H., Verification and clinical translation of a newly designed "Skywalker" robot for total knee arthroplasty: A prospective clinical study. Journal of Orthopaedic Translation. 2021;29;143-151	2

1492	S. S. Choi, T.Song, J. H.Lee, S.Cho, M.Kim, Y. M.Kim, H. I.Hyung, W. J., Intracorporeal Esophagojejunostomy during Reduced-port Totally Robotic Gastrectomy for Proximal Gastric Cancer: a Novel Application of the Single-Site^R Plus 2-port System. Journal of Gastric Cancer. 2021;21;132-141	5
1493	S. A. Yilmaz, E.Gazel, E.Yalcin, S.Yildiz, K. Y.Tunc, L., Bladder neck sparing during robot-assisted laparoscopic radical prostatectomy: Six-year experience. Northern Clinics of Istanbul. 2021;8;269-274	5
1494	M. H. D.-A. Pham, L. D.Shah, V.Brandel, M.Loya, J.Lehman, R. A., Simultaneous Robotic Single Position Oblique Lumbar Interbody Fusion With Bilateral Sacropelvic Fixation in Lateral Decubitus. Neurospine. 2021;18;406-412	5
1495	M. A. K. Soliman, A.O'Connor, T. E.Foley, K.Pollina, J., Accuracy and Efficiency of Fusion Robotics TM Versus Mazor-X TM in Single-Level Lumbar Pedicle Screw Placement. Cureus. 2021;13;e15939	7
1496	I. A. K. Lee, K.Kim, J. K.Kang, S. W.Lee, J.Jeong, J. J.Nam, K. H.Chung, W. Y., Comparison of Surgical Outcomes between Robotic Transaxillary and Conventional Open Thyroidectomy in Pediatric Thyroid Cancer. Cancers. 2021;13;30	12
1497	M. V. Manigrasso, S.Anoldo, P.D'Amore, A.Marello, A.Sorrentino, C.Chini, A.Aprea, S.D'Angelo, S.D'Alesio, N.Musella, M.Vitiello, A.De Palma, G. D.Milone, M., Robotic Colorectal Cancer Surgery. How to Reach Expertise? A Single Surgeon-Experience. Journal of Personalized Medicine. 2021;11;30	12
1498	J. J. W. Han, S. Y.Yi, W. J.Hwang, S. J., Robot-Assisted Maxillary Positioning in Orthognathic Surgery: A Feasibility and Accuracy Evaluation. Journal of Clinical Medicine. 2021;10;11	7
1499	P. T. Gorphe, S.Moya-Plana, A.Leymarie, N.Kolb, F.Bout-Roumazeilles, A.Qassemyar, Q.Benmoussa, N.Honart, J. F., Indications and Clinical Outcomes of Transoral Robotic Surgery and Free Flap Reconstruction. Cancers. 2021;13;6	5
1500	A. Y. A. Bayahya, W.AlAmri, S. H., Smart Health System to Detect Dementia Disorders Using Virtual Reality. Healthcare. 2021;9;28	2
1501	A. K. Bahadur, M.Chawla, L.Kapur, D.Bahurupi, Y.Mundhra, R., Robotic-Assisted Hysterectomy for Benign Indications of Uteri Less Than Fourteen Weeks Size Versus More Than Fourteen Weeks Size: A Comparative Study. Cureus. 2021;13;e15263	3
1502	A. R. Hampson, N.Lingamanaicker, V.Thakur, S.Shan, G. M.Prasad, V.Baydoun, A.Vasdev, N., Serum cytokine levels as markers of paralytic ileus following robotic radical prostatectomy at different pneumoperitoneum pressures. Current Urology. 2021;15;91-94	5
1503	N. S. Kolodychuk, E.Alexiades, M. M.Ren, R.Ojard, C.Waddell, B. S., Can robotic technology mitigate the learning curve of total hip arthroplasty?. Bone & Joint Open. 2021;2;365-370	3
1504	A. S. K. Mangalath, L.Sawant, A. B.Kesavan, R.Ravindran, G.Sunil, R., Comparison of analgesic requirements in robot-assisted versus conventional laparoscopic abdominal surgeries. Journal of Anaesthesiology Clinical Pharmacology. 2021;37;79-84	4
1505	M. V. H. C. Marino, A. K.Mirabella, A.Vaccarella, G.Komorowski, A. L., Rate of Post-Operative Pancreatic Fistula after Robotic-Assisted Pancreaticoduodenectomy with Pancreato-Jejunostomy versus Pancreato-Gastrostomy: A Retrospective Case Matched Comparative Study. Journal of Clinical Medicine. 2021;10;18	12
1506	T. H. Buckle, A. W.van Willigen, D. M.Bosse, F.Bauwens, K.Pelger, R. C. M.van Leeuwen, F. W. B., Intraoperative visualization of nerves using a myelin protein-zero specific fluorescent tracer. EJNMMI Research. 2021;11;50	7

1507	R. M. Ranjan, A.Ranjan, S. K.Panwar, V.Talwar, H. S., Ganglioneuroma presenting as an adrenal incidentaloma: Feasibility of adrenal-sparing surgery. Journal of Minimal Access Surgery. 2021;17;389-391	5
1508	J. W. R. Groeneweg, J. F.Veldhuis, W. B.Ruurda, J. P.Gerestein, C. G.Zweemer, R. P., Robot-assisted laparoscopic debulking surgery for recurrent adult granulosa cell tumors. Gynecologic Oncology Reports. 2021;37;100783	5
1509	S. K. Yanai, K.Sakate, S.Sawada, M.Aikou, K.Yasui, M.Yoshino, Y.Shimada, K.Andou, M., Robot-assisted total extraperitoneal para-aortic and pelvic lymphadenectomy. Gynecologic Oncology Reports. 2021;36;100768	5
1510	T. H. Yumioka, M.Teraoka, S.Kimura, Y.Iwamoto, H.Morizane, S.Hikita, K.Takenaka, A., The Influence of Prior Abdominal Surgery on Robot-Assisted Partial Nephrectomy. Yonago Acta Medica. 2021;64;184-191	5
1511	K. W. Freystaetter, B. R.Chilvers, N.Trevis, J.Ferguson, J.Paul, I.Dunning, J., The Importance of Culture Change Associated With Novel Surgical Approaches and Innovation: Does Perioperative Care Transcend Technical Considerations for Pulmonary Lobectomy?. Frontiers in Surgery. 2021;8;597410	13
1512	D. L. Niu, L.Du, H.Shi, H.Zhou, J.Tai, S.Xu, H.Chen, W.Yang, C.Liang, C., Application of Contrast-Enhanced Ultrasonography (CEUS) in the Assessment of Kidney Wound Recovery After Nephron-Sparing Surgery. Cancer management and research. 2021;13;3925-3934	2
1513	D. H. Kim, W.Bae, J.Park, H.Kim, K. G., Video Archiving and Communication System (VACS): A Progressive Approach, Design, Implementation, and Benefits for Surgical Videos. Healthcare Informatics Research. 2021;27;162-167	2
1514	R. K. Osofsky, C.Hanif, H.Phuoc, V., A rare cause of lower gastrointestinal bleeding treated with robotic colorectal surgery. Surgical Case Reports. 2021;7;125	5
1515	G. G. Fournier, R.Swan, J.Batailler, C.Lustig, S.Servien, E., Stiffness after unicompartmental knee arthroplasty: Risk factors and arthroscopic treatment. Sicotj. 2021;7;35	2
1516	E. A. N. Remily, A.Sax, O. C.Douglas, S. J.Pervaiz, S. S.Delanois, R. E., Impact of Robotic Assisted Surgery on Outcomes in Total Hip Arthroplasty. Arthroplasty Today. 2021;9;46-49	12
1517	S. A. H. Adil, M.Kocher, T.Caughran, A.Bullock, M., Conversion of Hip Arthrodesis Using Robotic Arm Technology. Arthroplasty Today. 2021;9;40-45	5
1518	F. Z. Wang, C.Guo, F.Sheng, X.Ji, J.Xu, Y.Cao, Z.Lyu, J.Lu, X.Yang, B., The application of virtual reality training for anastomosis during robot-assisted radical prostatectomy. Asian Journal of Urology. 2021;8;204-208	2
1519	M. L. Sun, L.Chen, X.Xu, C.Zin, M. A.Han, W.Chai, G., Robot-assisted mandibular angle osteotomy using electromagnetic navigation. Annals of Translational Medicine. 2021;9;567	7
1520	B. L. C. Teixeira, J.Mendes, G.Madanelo, M.Rocha, M. A.Mesquita, S.Correia, J.Tavares, C.Marques-Pinto, A.Fraga, A., How the COVID-19 pandemic changed urology residency - a nationwide survey from the Portuguese resident's perspective. Central European Journal of Urology. 2021;74;121-127	2
1521	Y. D. Zhang, J.Ma, J.Liu, J.Cui, X.Yuan, J.Zhang, Y.Qi, X.Fan, L., Unilateral axilla-bilateral areola approach for thyroidectomy by da Vinci robot vs. open surgery in thyroid cancer: a retrospective observational study. Gland Surgery. 2021;10;1291-1299	12
1522	A. J. M. Hung, R.Cen, S.Nguyen, J. H.Lei, X.Wagner, C., Surgeon Automated Performance Metrics as Predictors of Early Urinary Continence Recovery After Robotic Radical Prostatectomy-A Prospective Bi-institutional Study. European Urology Open Science. 2021;27;65-72	5

1523	G. B. Felmerer, D.Emmerich, N.Grade, M.Stepniewski, A., Donor defects after lymph vessel transplantation and free vascularized lymph node transfer: A comparison and evaluation of complications. World Journal of Transplantation. 2021;11;129-137	3
1524	G. L. Nam, S. R., Congenital Uterine Anomaly and Pelvic Organ Prolapse: A Rare Case of Pelvic Organ Prolapse in a Complete Bicornuate Uterus with Successful Pregnancy Outcomes Undiagnosed until the Time of Sacrocolpopexy. Journal of menopausal medicine. 2021;27;32-36	5
1525	N. T. Feizi, M.Patel, R. V.Atashzar, S. F., Robotics and AI for Teleoperation, Tele-Assessment, and Tele-Training for Surgery in the Era of COVID-19: Existing Challenges, and Future Vision. Frontiers in Robotics & AI. 2021;8;610677	8
1526	K. T. Miyata, T.Shigematsu, S.Ishikawa, N.Watanabe, G., Safety of perioperative period in robot-assisted atrial septal defect repair under hyperkalemic arrest. JA Clinical Reports. 2021;7;41	5
1527	Q. P. Jing, A.Ives, L.Husmann, A.Catic, N.Khanduja, V.Cama, J.Kar-Narayan, S., Aerosol-jet-printed, conformable microfluidic force sensors. Cell Reports. Physical Science. 2021;2;100386	2
1528	J. K. Kwak, S. J.Xu, Z.Lee, K.Ahn, J. H.Yu, H. W.Chai, Y. J.Choi, J. Y.Lee, K. E., Robotic Completion Thyroidectomy via the Bilateral Axillo-Breast Approach. Journal of Clinical Medicine. 2021;10;15	5
1529	P. M. Novellis, P.Dieci, E.Voulaz, E.Bottoni, E.Di Stefano, S.Solinas, M.Testori, A.Cariboni, U.Alloisio, M.Veronesi, G., Quality of Life, Postoperative Pain, and Lymph Node Dissection in a Robotic Approach Compared to VATS and OPEN for Early Stage Lung Cancer. Journal of Clinical Medicine. 2021;10;14	13
1530	I. T. Andras, A.Telecan, T.Medan, P.Perciuleac, I.Berindean, A.Stanca, D. V.Buzoianu, M.Coman, I.Crisan, N., Role of the Laparoscopic Approach for Complex Urologic Surgery in the Era of Robotics. Journal of Clinical Medicine. 2021;10;21	2
1531	S. B. J. Shafiei, Z.Attwood, K.Iqbal, U.Arman, S.Hussein, A. A.Durrani, M.Guru, K., Association between Functional Brain Network Metrics and Surgeon Performance and Distraction in the Operating Room. Brain Sciences. 2021;11;8	2
1532	C. C. C. Li, T. M.Lee, M. R.Lee, H. Y.Ke, H. L.Wen, S. C.Chou, Y. H.Wu, W. J., Extraperitoneal Robotic Laparo-Endoscopic Single-Site Plus1-Port Radical Prostatectomy Using the da Vinci Single-Site Platform. Journal of Clinical Medicine. 2021;10;8	5
1533	H. Y. C. Lee, Y. W.Yu, D. Y.Lee, T. Y.Kim, D. W.Kim, W. Y.Jung, S. P.Woo, S. U.Lee, J. B.Son, G. S., Comparison of Single Incision Endoscopic Nipple-Sparing Mastectomy and Conventional Nipple-Sparing Mastectomy for Breast Cancer Based on Initial Experience. Journal of Breast Cancer. 2021;24;196-205	3
1534	H. L. Lee, J.Lee, K.Kim, J. Y.Park, H. S., Comparison between Gasless and Gas-Inflated Robot-Assisted Nipple-Sparing Mastectomy. Journal of Breast Cancer. 2021;24;183-195	3
1535	P. F. R. Martinez, A.Tobia, I.Isola, M.Giudice, C. R.Villamil, W. A., Comparing open and robotic salvage radical prostatectomy after radiotherapy: predictors and outcomes. Prostate International. 2021;9;42-47	12
1536	J. D. Gao, J.Chu, J.Liu, X.Wang, J.You, J.Jin, Z., A Comparative Analysis of Robotic Single-Site Surgery and Laparoendoscopic Single-Site Surgery as Therapeutic Options for Stage IB1 Cervical Squamous Carcinoma. Cancer management and research. 2021;13;3485-3492	13
1537	N. R. Bizzarri, S.Gueli Alletti, S.Monterossi, G.Gioe, A.La Fera, E.Gallotta, V.Fagotti, A.Scambia, G.Fanfani, F., Sentinel lymph node detection in endometrial cancer with indocyanine green: laparoscopic versus robotic approach. Facts Views & Vision in Obgyn. 2021;13;15-25	13

1538	Y. S. Yang, L.Huang, J.Cheng, X.Luo, Q., A uniportal right upper lobectomy by three-arm robotic-assisted thoracoscopic surgery using the da Vinci (Xi) Surgical System in the treatment of early-stage lung cancer. Translational Lung Cancer Research. 2021;10;1571-1575	8
1539	J. T. Grosek, A., Robotic left colectomy with double indocyanine green guidance and intracorporeal anastomoses. Journal of Minimal Access Surgery. 2021;17;408-411	5
1540	R. G. Kalayarasan, M. S.Gnanasekaran, S.Pottakkat, B., The technique of precise and systematic vascular control during robotic pancreaticoduodenectomy for periampullary and pancreatic tumours. Journal of Minimal Access Surgery. 2021;17;399-404	8
1541	K. H. Bhakhri, E. R.Mak, S. M.Berger, L. U.Ourselin, S.Routledge, T.Bille, A., Surgeon Knowledge of the Pulmonary Arterial System and Surgical Plan Confidence Is Improved by Interactive Virtual 3D-CT Models of Lung Cancer Patient Anatomies. Frontiers in Surgery. 2021;8;652428	2
1542	V. P. Tyagi, M.Lodha, P.Mistry, T.Chadha, S., Robot-assisted laparoscopic ureteral reimplant: A single-center experience. Indian Journal of Urology. 2021;37;42-47	5
1543	J. S. Grammens, M. Y.Desender, L.Claeys, T.Sinatti, C.VandeWalle, J.Vermassen, F.Raes, A.Vanpeteghem, C.Prytula, A.Silay, M. S.Breda, A.Decaestecker, K.Spinoit, A. F., Pediatric Challenges in Robot-Assisted Kidney Transplantation. Frontiers in Surgery. 2021;8;649418	5
1544	J. W. Bonatti, S.Crailsheim, I.Grabenwoger, M.Winkler, B., Minimally invasive and robotic coronary artery bypass grafting-a 25-year review. Journal of Thoracic Disease. 2021;13;1922-1944	8
1545	Z. G. L. Zhuo, G.Song, T. N.Alai, G. H.Shen, X.Wang, Y.Lin, Y. D., From McKeown to Ivor Lewis, the learning curve for thoracic lymphadenectomy over the first 100 robotic esophagectomy cases: a retrospective study. Journal of Thoracic Disease. 2021;13;1543-1552	5
1546	H. G. L. Liu, D. F.Zhang, K.Meng, F. G.Yang, A. C.Zhang, J. G., Clinical Application of a Neurosurgical Robot in Intracranial Ommaya Reservoir Implantation. Frontiers in Neurorobotics. 2021;15;638633	5
1547	Y. N. Ishida, K.Okada, T.Tsuzuki, Y.Kobayashi, T.Yamada, R.Uchino, H., Anesthetic management of a morbidly obese patient with endometrial cancer during robot-assisted laparoscopic surgery. JA Clinical Reports. 2021;7;30	5
1548	B. O. Ergani, M. H.Yalcin, M. Y.Boyacioglu, H.Ilbey, Y. O., The effect of the type of surgery performed due to prostate cancer on preoperative patient anxiety, a prospective study. American Journal of Clinical & Experimental Urology. 2021;9;88-95	4
1549	H. H. T. Huang, C. H.Wei, J. C., Voice Assessment in Patients With Obstructive Sleep Apnea Syndrome After Transoral Robotic Surgery. Frontiers in Surgery. 2021;8;647792	5
1550	S. Sirikurnpiboon, Comparison of Survival between Single-Access and Conventional Laparoscopic Surgery in Rectal Cancer. Minimally Invasive Surgery. 2021;2021;6684527	2
1551	C. C. L. Wang, W. J.Liu, Y. C.Chen, C. C.Wu, S. H.Liu, S. A.Liang, K. L., Transoral Robotic Surgery for Pharyngeal and Laryngeal Cancers-A Prospective Medium-Term Study. Journal of Clinical Medicine. 2021;10;2	5
1552	K. H.-P. Bhakhri, K.Harling, L.Routledge, T., Should Robotic Surgery Simulation Be Introduced in the Core Surgical Training Curriculum?. Frontiers in Surgery. 2021;8;595203	2

1553	N. D. Selvaraj, K.Ramani, S.Ragavan, N., The Chennai port closure method: A novel simple technique for laparoscopic port closure. Surgery Open Science. 2021;4;37-40	2
1554	J. Z. Chen, Z.Chang, W.Yi, T.Feng, Q.Zhu, D.He, G.Wei, Y., Short-Term and Long-Term Outcomes in Mid and Low Rectal Cancer With Robotic Surgery. Frontiers in Oncology. 2021;11;603073	5
1555	D. S. Esendagli, U.Batihan, G.Magouliotis, D.Meloni, F.Vos, R.Elia, S.Hellemons, M., ERS International Congress 2020: highlights from the Thoracic Surgery and Transplantation Assembly. Erj Open Research. 2021;7;	11
1556	G. B. Houvenaeghel, J.Jauffret, C.Rua, S.Sabiani, L.Van Troy, A.Buttarelli, M.Blache, G.Lambaudie, E.Cohen, M.Bannier, M., Robotic Versus Conventional Nipple-Sparing Mastectomy With Immediate Breast Reconstruction. Frontiers in Oncology. 2021;11;637049	12
1557	A. C. Hijazi, Y. J.Sinan, N. A.Park, K.Ko, M.Song, J. Y.Kim, M. R., Efficient myometrial defect closure in a layer by layer fashion after robot-assisted laparoscopic adenomyomectomy: a novel technique. Obstetrics & Gynecology Science. 2021;64;332-335	5
1558	W. C. H. Su, C. W.Ma, C. J.Chen, P. J.Tsai, H. L.Chang, T. K.Chen, Y. C.Li, C. C.Yeh, Y. S.Wang, J. Y., Feasibility of robot-assisted surgery in elderly patients with rectal cancer. Journal of Minimal Access Surgery. 2021;17;165-174	5
1559	D. A. O. Hamilton, U.Nowak, C.Chen, C.Darwiche, H., Differences in Immediate Postoperative Outcomes Between Robotic-Assisted TKA and Conventional TKA. Arthroplasty Today. 2021;8;57-62	12
1560	A. S. H. Balakrishnan, L. A.Bell, A. M.Baghdanian, A. H.Baghdanian, A. A.Meng, M. V.Odisho, A. Y., Evaluating the impact of surgical supply cost variation during partial nephrectomy on patient outcomes. Translational Andrology & Urology. 2021;10;765-774	2
1561	H. W. Duan, T.Luo, Z.Tong, L.Dong, X.Zhang, Y.Afzal, M. Z.Correale, P.Liu, H.Jiang, T.Yan, X., Neoadjuvant programmed cell death protein 1 inhibitors combined with chemotherapy in resectable non-small cell lung cancer: an open-label, multicenter, single-arm study. Translational Lung Cancer Research. 2021;10;1020-1028	3
1562	A. K. W. Gergen, A. M.Mitchell, J. D.Meguid, R. A.Fullerton, D. A.Scott, C. D.Weyant, M. J., Introduction of robotic surgery leads to increased rate of segmentectomy in patients with lung cancer. Journal of Thoracic Disease. 2021;13;762-767	4
1563	G. M. T. Shahin, B.Pouwels, S.Markou, T. L.Boon, R.Stigt, J. A., Quality assessment of robot assisted thoracic surgical resection of non-small cell lung cancer: nodal upstaging and mediastinal recurrence. Journal of Thoracic Disease. 2021;13;592-599	5
1564	C. A. Starks, M.Shalaby, M.Munshi, R.Toraih, E.Lee, G. S.Kandil, E.Shama, M. A., Evaluation of YouTube videos as a patient education source for novel surgical techniques in thyroid surgery. Gland Surgery. 2021;10;697-705	2
1565	C. M. Y. Teven, J.Hammond, J. B.Aime, V. L.Pallace, N. M.Pearson, D. G.Casey, W. J., 3rdRebecca, A. M., Expanding the Horizon: Single-port Robotic Vascularized Omentum Lymphatic Transplant. Plastic and Reconstructive Surgery - Global Open. 2021;9;e3414	5
1566	A. P. Torne, J.Ordi, J.Fuste, P.Diaz-Feijoo, B.Glickman, A.Paredes, P.Rovirosa, A.Gaba, L.Saco, A.Nicolau, C.Carreras, N.Agusti, N.Vidal-Sicart, S.Gil-Ibanez, B.Del Pino, M., Oncological Results of Laparoscopically Assisted Radical Vaginal Hysterectomy in Early-Stage Cervical Cancer: Should We Really Abandon Minimally Invasive Surgery?. Cancers. 2021;13;17	5

1567	J. H. H. Yoon, H. K.Lee, W. J.Kang, C. M., Minimally invasive surgery for choledochal cysts: Laparoscopic versus robotic approaches. Annals of Hepatobiliarypancreatic Surgery. 2021;25;71-77	12
1568	H. Y. R. Yang, S. Y.Han, D. H.Choi, J. S.Choi, G. H., Robotic major liver resections: Surgical outcomes compared with open major liver resections. Annals of Hepatobiliarypancreatic Surgery. 2021;25;44790	12
1569	C. H. L. Yang, Y. S.Ou, Y. C.Weng, W. C.Huang, L. H.Lu, C. H.Hsu, C. Y.Tung, M. C., Biochemical recurrence of pathological T2+ localized prostate cancer after robotic-assisted radical prostatectomy: A 10-year surveillance. World Journal of Clinical Cases. 2021;9;1026-1036	5
1570	L. R. E. Tuecking, M.Nebel, D.Welke, B.Schwarze, M.Windhagen, H.Savov, P., 3D-surface scan based validated new measurement technique of femoral joint line reconstruction in total knee arthroplasty. Journal of Experimental Orthopaedics. 2021;8;16	7
1571	L. W. Zeng, W.Han, J.Zhu, L.Zhao, J.Tu, Z., Uniportal video-assisted thoracoscopic surgery and robot-assisted thoracoscopic surgery are feasible approaches with potential advantages in minimally invasive mediastinal lesions resection. Gland Surgery. 2021;10;101-111	13
1572	I. B. K. Gultekin, E.Kose, M. F., Hey Siri! Perform a type 3 hysterectomy. Please watch out for the ureter! What is autonomous surgery and what are the latest developments?. Journal of the Turkishgerman Gynecological Association. 2021;22;58-70	2
1573	S. P. A. Somashekhar, R.Kumar, C. R.Ahuja, V.Ashwin, K. R., Sentinel node mapping using indocyanine green and near-infrared fluorescence imaging technology for endometrial cancer: A prospective study using a surgical algorithm in Indian patients. Journal of Minimal Access Surgery. 2021;17;479-485	5
1574	S. Y. Aldousari, S.Alkandari, O., Total robotic surgical volume influences outcomes of low-volume robotic-assisted partial nephrectomy over an extended duration. Canadian Urological Association Journal. 2021;15;E458-E464	5
1575	G. W. Wayne, J.Atri, E.Wong, V.Garcia-Gil, M.Pereira, J.Nieder, A. M.Bhandari, A., Trends in Positioning for Robotic Prostatectomy: Results From a Survey of the Endourological Society. Cureus. 2021;13;e12628	2
1576	R. D. Negrin, J.Iniguez, M.Reyes, N. O.Barahona, M.Ferrer, G.Infante, C.Jabes, N., Robotic-assisted vs conventional surgery in medial unicompartmental knee arthroplasty: a clinical and radiological study. Knee Surgery & Related Research. 2021;33;5	12
1577	R. G. S. Rahota, A.Gautier, J. R.Almeras, C.Loison, G.Tollon, C.Beauval, J. B.Ploussard, G., Same Day Discharge versus Inpatient Surgery for Robot-Assisted Radical Prostatectomy: A Comparative Study. Journal of Clinical Medicine. 2021;10;9	3
1578	Z. C. Jia, Y.Wang, Y.Li, J.Qu, M.Zhu, F.Chen, H.Lian, B.Hua, M.Sun, Y.Gao, X., Sustainable functional urethral reconstruction: Maximizing early continence recovery in robotic-assisted radical prostatectomy. Asian Journal of Urology. 2021;8;126-133	7
1579	S. R. L. Lee, E. S.Eum, H. L.Lee, Y. J.Lee, S. W.Park, J. Y.Suh, D. S.Kim, D. Y.Kim, S. H.Kim, Y. M.Kim, Y. T., New Surgical Technique for Robotic Myomectomy: Continuous Locking Suture on Myoma (LSOM) Technique. Journal of Clinical Medicine. 2021;10;8	3
1580	J. R. K. Mlynek, S. S.Martinec, T.Petru, M., Fabrication of High-Quality Straight-Line Polymer Composite Frame with Different Radius Parts Using Fiber Winding Process. Polymers. 2021;13;5	2
1581	M. C. C. Alfred, T. N.Cohen, K. A.Kanji, F. F.Choi, E.Del Gaizo, J.Nemeth, L. S.Alekseyenko, A. V.Shouhed, D.Savage, S. J.Anger, J. T.Catchpole, K., Using Flow Disruptions to Examine System Safety in Robotic-Assisted Surgery: Protocol for a Stepped Wedge Crossover Design. JMIR Research Protocols. 2021;10;e25284	3

1582	M. G. F. Fleszar, P.Zawadzki, M.Hodurek, P.Bednarz-Misa, I.Witkiewicz, W.Krzystek-Korpacka, M., Sex, Type of Surgery, and Surgical Site Infections Are Associated with Perioperative Cortisol in Colorectal Cancer Patients. Journal of Clinical Medicine. 2021;10;4	2
1583	M. B. G. Held, M. J.Gazgalis, A.Sarpong, N. O.Boddapati, V.Neuwirth, A.Geller, J. A., Improved Compartment Balancing Using a Robot-Assisted Total Knee Arthroplasty. Arthroplasty Today. 2021;7;130-134	12
1584	S. R. W. White, K. T.Martin, P. G.Connor, D. T.Scott, T. B.Megson-Smith, D. A., Radioactive Source Localisation via Projective Linear Reconstruction. Sensors. 2021;21;26	2
1585	N. F. C. Walker, A.Van Diepen, D.Pirpiris, A.Tse, V.Leslie, S.Thanigasalam, R.Chan, L., Lower Urinary Tract Functional Assessment of Men Undergoing Radical Prostatectomy: Correlation of Preoperative Clinical and Urodynamic Parameters. International neurourology journal. 2021;25;157-163	5
1586	A. S. B. Mehdorn, J. H.Braun, F.Becker, T.Egberts, J. H., Usability of Indocyanine Green in Robot-Assisted Hepatic Surgery. Journal of Clinical Medicine. 2021;10;25	5
1587	L. Z. Wan, X.Wu, D.Li, Z.Yuan, D.Li, J.Zhang, S.Yue, L.Zhang, S., Application of Robot Positioning for Cannulated Screw Internal Fixation in the Treatment of Femoral Neck Fracture: Retrospective Study. JMIR Medical Informatics. 2021;9;e24164	12
1588	C. J. H. Cruz, F.Kang, I.Lee, W. J.Kang, C. M., Initial experiences of robotic SP cholecystectomy: a comparative analysis with robotic Si single-site cholecystectomy. Annals of surgical treatment and research. 2021;100;44568	5
1589	S. K. K. Konstantinidou, P.Anagnostopoulos, G. E.Markantonis, S. L.Karalis, V.Konstantinidis, K., A retrospective study on the evaluation of the symptoms, medications and improvement of the quality of life of patients undergoing robotic surgery for gastroesophageal reflux disease. Experimental & Therapeutic Medicine. 2021;21;174	5
1590	O. B. Quilichini, J.Bannier, M.Rua, S.Van Troy, A.Sabiani, L.Lambaudie, E.Cohen, M.Houvenaeghel, G., Mastectomy with immediate breast reconstruction: Results of a mono-centric 4-years cohort. Annals of Medicine & Surgery. 2021;61;172-179	5
1591	V. E. B. Staartjes, B.Schroder, M. L., Robot-Guided Transforaminal Versus Robot-Guided Posterior Lumbar Interbody Fusion for Lumbar Degenerative Disease. Neurospine. 2021;18;98-105	3
1592	V. L.-C. Rodrigues, M., TARUP technique. Advantages of minimally invasive robot-assisted abdominal Wall surgery. Cirugia Espanola. 2021;99;302-305	8
1593	M. L. C.-D. Garcia-Jimenez, L.Aguirrezabalaga-Gonzalez, J.Noguera-Aguilar, J. F., Robotic-like suturing with FlexDex Surgical System R for difficult laparoscopic suture. Cirugia Espanola. 2021;99;222-228	5
1594	G. J. A. Marchand, A.Anderson, S.Ruther, S.Hopewell, S.Brazil, G.Sainz, K.Wolf, H.King, A.Vallejo, J.Ware, K.Cieminski, K.Galitsky, A., LESS hysterectomy through a bluntly created 11 mm incision. Journal of the Turkishgerman Gynecological Association. 2021;22;76-79	8
1595	N. B. Ragavan, S.Thangarasu, M.Prakash, S.Paul, R.Chirravur, P.Ramani, S., Day-case robot-assisted laparoscopic surgery: Feasibility and safety. Turkish Journal of Urology. 2021;47;30-34	5
1596	N. W. Stern, P.Dave, S., Instituting robotic pediatric urologic surgery in the Canadian healthcare system: Evaluating the feasibility and outcomes of robot-assisted pyeloplasty and ureteric reimplantation. Canadian Urological Association Journal. 2021;15;E215-E220	5

1597	J. H. K. Bae, W.Kim, H. H.Lee, Y. S., Standardized Step-by-step Technique Using Surgical Landmarks in Robotic Lateral Pelvic Lymph Node Dissection. Annals of Coloproctology. 2021;37;58-60	8
1598	S. H. Sato, K.Nagai, E.Taki, Y.Nishida, M.Watanabe, M.Oba, N., Hand-assisted robotic surgery in the abdominal phase of robot-assisted oesophagectomy. Journal of Minimal Access Surgery. 2021;17;415-417	5
1599	G. Y. Chand, J. W.Johri, G., Robotic thyroid surgery using bilateral axillo-breast approach: From a trainees' point of view. Journal of Minimal Access Surgery. 2021;17;230-235	5
1600	Y. S. H. Choi, Y. T.Yi, J. W., Initial Experience With Robotic Modified Radical Neck Dissection Using the da Vinci Xi System Through the Bilateral Axillo-Breast Approach. Clinical & Experimental Otorhinolaryngology. 2021;14;137-144	12
1601	J. J. S. Rasouli, J.Neifert, S.Gibbs, W. N.Habboub, G.Steinmetz, M. P.Benzel, E.Mroz, T. E., Artificial Intelligence and Robotics in Spine Surgery. Global Spine Journal. 2021;11;556-564	8
1602	E. M. Wang, J.Varlotta, C. G.Woo, D.Ayres, E.Abotsi, E.Vasquez-Montes, D.Protopsaltis, T. S.Goldstein, J. A.Frempong-Boadu, A. K.Passias, P. G.Buckland, A. J., Radiation Exposure in Posterior Lumbar Fusion: A Comparison of CT Image-Guided Navigation, Robotic Assistance, and Intraoperative Fluoroscopy. Global Spine Journal. 2021;11;450-457	12
1603	A. E. A. Pinillos Somalo, A.Gonzalez Duaigues, M.Olsina Kissler, J. J., Resection of submucosal lipoma in the prepyloric region by roboti surgery. Cirugia Espanola. 2021;99;152	12
1604	K. M. C. Chin, D. W. Q.Lee, S. Y.Chan, C. Y.Goh, B. K. P., Outcome of minimally invasive liver resection for extrapancreatic biliary malignancies: A single-institutional experience. Journal of Minimal Access Surgery. 2021;17;69-75	5
1605	A. P. Sinha, M.Vig, A.Saxena, R., Robotic surgery in paediatric patients: Our initial experience and roadmap for successful implementation of robotic surgery programme. Journal of Minimal Access Surgery. 2021;17;32-36	5
1606	J. H. Wu, C.Zhou, M.Ebrahimi, A.Urias, M.Patel, N. A.Liu, Y. H.Gehlbach, P.Iordachita, I., Force-based Safe Vein Cannulation in Robot-assisted Retinal Surgery: A Preliminary Study. International Symposium on Medical Robotics. 2020;;	7
1607	M. W. Zhou, J.Ebrahimi, A.Patel, N.He, C.Gehlbach, P.Taylor, R. H.Knoll, A.Nasseri, M. A.Iordachita, I., Spotlight-based 3D Instrument Guidance for Retinal Surgery. International Symposium on Medical Robotics. 2020;;	7
1608	C. P. He, N.Kobilarov, M.Lordachita, L., Real Time Prediction of Sclera Force with LSTM Neural Networks in Robot-Assisted Retinal Surgery. Achievements and Solutions in Mechanical Engineering II : selected, peer reviewed papers from the 5th International Conference of Mechanical Engineering (ICOME) 2019, October 24-25, 2019, Craiova, Romania. 2020;896;183-194	7
1609	A. U. Ebrahimi, M.Patel, N.Gehlbach, P.Alambeigi, F.Iordachita, I., FBG-based Kalman Filtering and Control of Tool Insertion Depth For Safe Robot-assisted Vitrectomy. International Symposium on Medical Robotics. 2020;;	7
1610	K. J. D. Kowalczyk, M.O'Neill, J.Lee, H.Orzel, J.Rubin, R. S.Hu, J. C., Impact of Retzius-sparing Versus Standard Robotic-assisted Radical Prostatectomy on Penile Shortening, Peyronie's Disease, and Inguinal Hernia Sequelae. European Urology Open Science. 2020;22;17-22	3

1611	A. J. W. B. Beulens, W. M.Koldewijn, E. L.Hendrikx, A. J. M.van Basten, J. P. A.van Merrienboer, J. J. G.Van der Poel, H. G.Bangma, C. H.Wagner, C., A Prospective, Observational, Multicentre Study Concerning Nontechnical Skills in Robot-assisted Radical Cystectomy Versus Open Radical Cystectomy. European Urology Open Science. 2020;19;37-44	8
1612	A. R. Ebrahimi, M.Patel, N.Gehlbach, P.Iordachita, I., Auditory Feedback Effectiveness for Enabling Safe Sclera Force in Robot-Assisted Vitreoretinal Surgery: a Multi-User Study. Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems. 2020;;	7
1613	T. S. Chase, D. K.Parry, J. P.Bhagavath, B.Lindheim, S. R.Petrozza, J. C.Pfeifer, S.Stetter, C.Kunselman, A.Estes, S. J., Surgical simulation supplements reproductive endocrinology and infertility fellowship training. F&S Reports. 2020;1;154-161	2
1614	E. E. P. Tuna, N. L.Bayona, J. B.Franson, D.Huang, S.Narvaez, J.Seiberlich, N.Griswold, M.Cavusoglu, M. C., Differential Image Based Robot to MRI Scanner Registration with Active Fiducial Markers for an MRI-Guided Robotic Catheter System. Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems. 2020;2020;2958-2964	2
1615	M. B. Labban, M.Wazzan, W.Khauli, R.El Hajj, A., Robot-assisted radical prostatectomy in the Middle East: A report on the perioperative outcomes from a tertiary care centre in Lebanon. Arab Journal of Urology Print. 2020;19;152-158	5
1616	J. L. Wu, G.Urias, M.Patel, N. A.Liu, Y. H.Gehlbach, P.Taylor, R. H.Iordachita, I., An Optimized Tilt Mechanism for a New Steady-Hand Eye Robot. Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems. 2020;2020;3105-3111	7
1617	N. C. Goel, I.Dubey, J.Mittal, A.Pathak, S., Quantitative rise in intraocular pressure in patients undergoing robotic surgery in steep Trendelenburg position: A prospective observational study. Journal of Anaesthesiology Clinical Pharmacology. 2020;36;546-551	5
1618	G. P. Li, N. A.Sharma, K.Monfaredi, R.Dumoulin, C.Fritz, J.Iordachita, I.Cleary, K., Body-Mounted Robotics for Interventional MRI Procedures. IEEE Transactions on Medical Robotics and Bionics. 2020;2;557-560	7
1619	C. E. A. Uras, A.Kara, H.Dulgeroglu, O.Avsar, Y., Robotic nipple sparing mastectomy through a single incision: Advantages of starting with posterior dissection. Turkish Journal of Surgery. 2020;36;303-309	5
1620	O. S. Ozguner, T.Huang, S.Hao, R.Jackson, R. C.Newman, W. S.Cavusoglu, M. C., Camera-Robot Calibration for the da Vinci R Robotic Surgery System. IEEE Transactions on Automation Science & Engineering. 2020;17;2154-2161	7
1621	M. F. R. Rox, D. S.Hendrick, R. J.Blum, E.Naftel, R. P.Bow, H. C.Herrell, S. D.Weaver, K. D.Chambless, L. B.Webster, R. J., 3rd, Mechatronic Design of a Two-Arm Concentric Tube Robot System for Rigid Neuroendoscopy. Ieee/Asme Transactions on Mechatronics. 2020;25;1432-1443	7
1622	C. E. He, A.Yang, E.Urias, M.Yang, Y.Gehlbach, P.Iordachita, I., Towards Bimanual Vein Cannulation: Preliminary Study of a Bimanual Robotic System With a Dual Force Constraint Controller. IEEE International Conference on Robotics & Automation. 2020;2020;4441-4447	7
1623	C. L. Muller, J.Riss, S.Bergmann, M.Bachleitner-Hofmann, T., Surgical Complexity and Outcome During the Implementation Phase of a Robotic Colorectal Surgery Program-A Retrospective Cohort Study. Frontiers in Oncology. 2020;10;603216	5
1624	C. A. Esposito, G.Masieri, L.Castagnetti, M.Del Conte, F.Coppola, V.Cerulo, M.Crocetto, F.Escolino, M., Minimally Invasive Management of Bladder Stones in Children. Frontiers in Pediatrics. 2020;8;618756	5

1625	P. L. Stroberg, C.Sherif, A., Sustainable long-term results on postoperative sexual activity after radical prostatectomy when a clinical sexologist is included in the sexual rehabilitation process. A retrospective study on 7 years postoperative outcome. Central European Journal of Urology. 2020;73;551-557	2
1626	C. M. Gosler, M.Rosenhammer, B.Breyer, J.Stojanoski, G.Weikert, S.Lenart, S.Ponholzer, A.Dreissig, C.Burger, M.Gilfrich, C.Brundl, J., Obesity leads to a higher rate of positive surgical margins in the context of robot-assisted radical prostatectomy. Results of a prospective multicenter study. Central European Journal of Urology. 2020;73;457-465	5
1627	S. P. Serni, A.Sessa, F.Gemma, L.Greco, I.Barzaghi, P.Grosso, A. A.Corti, F.Mormile, N.Spatafora, P.Caroassai, S.Berni, A.Gacci, M.Giancane, S.Tuccio, A.Sebastianelli, A.Li Marzi, V.Vignolini, G.Campi, R., Robot-Assisted Laparoscopic Living Donor Nephrectomy: The University of Florence Technique. Frontiers in Surgery. 2020;7;588215	5
1628	S. Y. K. Yang, N. K., Robotic Partial Excision of Levator-Ani Muscle for Locally Advanced Low Rectal Cancer Invading Ipsilateral Pelvic Floor. Annals of Coloproctology. 2020;36;415-416	5
1629	J. J. t. Kelley, S.Deem, S.Hale, N. E., Post-Operative Opioid Prescribing Practices and Trends Among Urology Residents in the United States. Cureus. 2020;12;e12014	2
1630	K. C. B. Brown, K. D.Kulason, S.Zia, A.Jarc, A., How to Bring Surgery to the Next Level: Interpretable Skills Assessment in Robotic-Assisted Surgery. Visceral Medicine. 2020;36;463-470	7
1631	J. H. S. Song, T.Lee, S.Choi, S.Cho, M.Kim, Y. M.Kim, H. I.Hyung, W. J., D2 Lymph Node Dissections during Reduced-port Robotic Distal Subtotal Gastrectomy and Conventional Laparoscopic Surgery Performed by a Single Surgeon in a High-volume Center: a Propensity Score-matched Analysis. Journal of Gastric Cancer. 2020;20;431-441	12
1632	Y. A. S. Jabr, J., Limitations of health technology implementation: A commentary on "artificial intelligence, regenerative surgery, robotics? What is realistic for the future of surgery?". Annals of Medicine & Surgery. 2020;60;702-703	8
1633	S. A. R. Ofa, B. J.Flick, T. R.Patel, A. H.Sherman, W. F., Robotic Total Knee Arthroplasty vs Conventional Total Knee Arthroplasty: A Nationwide Database Study. Arthroplasty Today. 2020;6;1001-1008.e3	12
1634	C. G. Z. Li, Z. P.Tan, X. L.Wang, Z. Z.Liu, Q.Zhao, Z. M., Robotic resection of liver focal nodal hyperplasia guided by indocyanine green fluorescence imaging: A preliminary analysis of 23 cases. World Journal of Gastrointestinal Oncology. 2020;12;1407-1415	5
1635	L. L. Wang, C. X.Tian, Y.Ye, J. W.Li, F.Tong, W. D., Abdominal ventral rectopexy with colectomy for obstructed defecation syndrome: An alternative option for selected patients. World Journal of Clinical Cases. 2020;8;5976-5987	5
1636	C. Y. He, E.Patel, N.Ebrahimi, A.Shahbazi, M.Gehlbach, P.Iordachita, I., Automatic Light Pipe Actuating System for Bimanual Robot-Assisted Retinal Surgery. Ieee/Asme Transactions on Mechatronics. 2020;25;2846-2857	7
1637	J. C. Trevis, N.Freystaetter, K.Dunning, J., Surgeon-Powered Robotics in Thoracic Surgery; An Era of Surgical Innovation and Its Benefits for the Patient and Beyond. Frontiers in Surgery. 2020;7;589565	8

1638	Y. C. Weng, M.Gemenetzis, G.Shi, Y.Ying, X.Deng, X.Peng, C.Jin, J.Shen, B., Robotic-assisted versus open total pancreatectomy: a propensity score-matched study. Hepatobiliary Surgery & Nutrition. 2020;9;759-770	12
1639	S. P. D. Somashekhar, A. Y.Ashwin, K. R.Gangasani, R.Kumar, R.Shetty, S., Comparative Evaluation of the Short-Term Treatment Outcomes Between Open, Laparoscopic- and Robotic-Assisted Surgical Approaches for Rectal Cancer Treatment. Indian Journal of Surgical Oncology. 2020;11;649-652	12
1640	S. P. R. Somashekhar, R. G.Rohit Kumar, C.Ashwin, K. R., Prospective Study Comparing Clinical vs Indocyanine Green Fluorescence-Based Assessment of Line of Transection in Robotic Rectal Cancer Surgery-Indian Study. Indian Journal of Surgical Oncology. 2020;11;642-648	2
1641	K. K. D. Boyina, S., Robotic Surgery-Safety and Effectiveness, in Comparison with Traditional Surgery, Present Context and Recent FDA Safety Warning. Indian Journal of Surgical Oncology. 2020;11;613-614	8
1642	A. F. Yamamoto, S.Takiguchi, K.Sudo, M.Shoda, K.Akaike, H.Hosomura, N.Kawaguchi, Y.Amemiya, H.Kawaida, H.Kono, H.Ichikawa, D., Nodular fasciitis growing at the port site of robotic surgery for rectal cancer. Surgical Case Reports. 2020;6;315	5
1643	J. C. Garcia, Jr.Torres, M. C.Fadel, M. S.Bader, D.Lutfi, H.Kozonara, M. E., Robotic Transfer of the Latissimus Dorsi Associated With Levator Scapulae and Rhomboid Minor Mini-Open Transfers for Trapezium Palsy. Arthroscopy Techniques. 2020;9;e1721-e1726	8
1644	P. J. J. Kneuertz, N.Perkins, A.Fitzgerald, M.Moffatt-Bruce, S. D.Merritt, R. E.D'Souza, D. M., Improving patient engagement, adherence, and satisfaction in lung cancer surgery with implementation of a mobile device platform for patient reported outcomes. Journal of Thoracic Disease. 2020;12;6883-6891	2
1645	C. S. Ramachandra, P.Karjol, U.Arjunan, R.Altaf, S.Patil, V.Kumar, H.Beesanna, G.Abhishek, M., Robotic Complete Mesocolic Excision with Central Vascular Ligation for Right Colon Cancer: Surgical Technique and Short-term Outcomes. Indian Journal of Surgical Oncology. 2020;11;674-683	5
1646	C. S. Ramachandra, P.Karjol, U.Arjunan, R.Altaf, S.Srinivas, C.Prakash, B. V.Patil, V., Robotic Total Mesorectal Excision for Rectal Cancer: Short-Term Oncological Outcomes of Initial 178 Cases. Indian Journal of Surgical Oncology. 2020;11;653-661	5
1647	J. K. Rohila, P.Pachaury, A.de'Souza, A.Saklani, A., Evolution of Robotic Surgery in a Colorectal Cancer Unit in India. Indian Journal of Surgical Oncology. 2020;11;633-641	5
1648	S. P. A. Somashekhar, K. R.Rohit Kumar, C., Robotic Surgery for Rectal Cancer: Hype or Hope? (Indian Experience). Indian Journal of Surgical Oncology. 2020;11;604-612	12
1649	D. R. Pandey, J.Sukumar, V.Bankar, S.deSouza, A.Saklani, A., Robotic Rectal Surgery in India: the Financial Viability and Lack of Collective Collaboration Still Remains the Biggest Challenge. Indian Journal of Surgical Oncology. 2020;11;578-579	8
1650	P. C. Magistri, B.Frassoni, S.Guidetti, C.Olivieri, T.Assirati, G.Caporali, C.Pecchi, A.Serra, V.Ballarin, R.Guerrini, G. P.Bagnardi, V.Di Sandro, S.Di Benedetto, F., Robotic Liver Resection Versus Percutaneous Ablation for Early HCC: Short- and Long-Term Results. Cancers. 2020;12;30	12
1651	R. D. Negrin, J.Reyes, N. O.Barahona, M.Iniguez, M.Infante, C.Cordero, J. A.Sepulveda, V.Ferrer, G., Robotic-assisted Unicompartmental knee Arthroplasty optimizes joint line restitution better than conventional surgery. Journal of Experimental Orthopaedics. 2020;7;94	12
1652	R. L. Lin, X.Lu, F.Yang, Y.Wang, C.Fang, H.Wen, S.Chen, Y.Huang, H., Combination of anterior superior mesenteric vein-first and right posterior superior mesenteric artery-first approaches for uncinate process dissection in minimally invasive pancreaticoduodenectomy. Gland Surgery. 2020;9;1396-1405	5

1653	Y. G. Cui, E. L.Deppen, S. A.Wang, F.Massion, P. P.Bailey, C. E.Zheng, W.Cai, H.Shu, X. O., Mortality for Robotic- vs Video-Assisted Lobectomy-Treated Stage I Non-Small Cell Lung Cancer Patients. JNCI Cancer Spectrum. 2020;4;pkaa028	13
1654	K. F. Ong, A. A.Ahmed, A. D. B., Mid-term results of completely portal robotic lobectomy for stage I & II non-small cell lung cancer. Journal of Thoracic Disease. 2020;12;5369-5375	5
1655	J. F.-G. Ponce, S.Gil-Moreno, A.Coronado, P. J.De la Rosa, J.Nabais, H.Hernandez, G.Taltavull, A.Gilabert-Estelles, J.Martinez-Roman, S.Barahona, M.Barahona, M.Martinez-Maestre, M. A., Risk Factors for Recurrence after Robot-Assisted Radical Hysterectomy for Early-Stage Cervical Cancer: A Multicenter Retrospective Study. Cancers. 2020;12;16	5
1656	S. A. Z. Nataraj, F. A.Ghosh, P.Ahlawat, R., Feasibility and Functional Outcome of Robotic Assisted Kidney Transplantation Using Grafts With Multiple Vessels: Comparison to Propensity Matched Contemporary Open Kidney Transplants Cohort. Frontiers in Surgery. 2020;7;51	13
1657	T. C. S. Yin, W. C.Chen, P. J.Chang, T. K.Chen, Y. C.Li, C. C.Hsieh, Y. C.Tsai, H. L.Huang, C. W.Wang, J. Y., Oncological Outcomes of Robotic-Assisted Surgery With High Dissection and Selective Ligation Technique for Sigmoid Colon and Rectal Cancer. Frontiers in Oncology. 2020;10;570376	5
1658	S. M. Fluellen, K.Hagglund, K.Aslam, M. F., Randomized clinical trial comparing skin closure with tissue adhesives vs subcuticular suture after robotic urogynecologic procedures. World Journal of Methodology. 2020;10;44567	3
1659	J. H. H. Choi, S. U.Yang, H. K.Kim, Y. W.Ryu, K. W.Park, J. M.An, J. Y.Kim, M. C.Park, S.Song, K. Y.Oh, S. J.Kong, S. H.Suh, B. J.Yang, D. H.Ha, T. K.Kim, H. I.Hyung, W. J.Lee, H. J., The pattern of postoperative quality of life following minimally invasive gastrectomy for gastric cancer: a prospective cohort from Korean multicenter robotic gastrectomy trial. Annals of surgical treatment and research. 2020;99;275-284	12
1660	S. G. P. Bakshi, S. V.Bhawalkar, P., A randomised controlled trial to evaluate the peri-operative role of intraoperative dexmedetomidine infusion in robotic-assisted laparoscopic oncosurgeries. Indian Journal of Anaesthesia. 2020;64;784-789	2
1661	D. R. Lam, R.Leslie, S.Warrier, S.Ahmadi, N., Value of Indocyanine Green Angiography to Guide Wound Management and Prevent Necrosis in a Robotic Surgical Procedure. Journal of Endourology Case Reports. 2020;6;156-159	5
1662	C. E. P. B. Acker HCFreibott, C.Weidenbaum, M., Surgeons' Learning Curve of Renaissance Robotic Surgical System. International Journal of Spine Surgery. 2020;14;818-823	5
1663	V. G. Pinto, F. A.Lozano Miralles, M. E.Tarsitano, A.Panella, M. M.Cipriani, R.Pignatti, M., 3D Exoscope-Assisted Microvascular Anastomosis: An Evaluation on Latex Vessel Models. Journal of Clinical Medicine. 2020;9;21	7
1664	H. L. Yao, T.Chen, W.Lei, S.Liu, K.Jin, X.Zhou, J., Safety and Feasibility of Robotic Natural Orifice Specimen Extraction Surgery in Colorectal Neoplasms During the Initial Learning Curve. Frontiers in Oncology. 2020;10;1355	5
1665	N. Y. Karnik, X.Goussous, N.Howe, L.Karras, R., A community hospital's experience with robotic thoracic surgery. Indian Journal of Thoracic & Cardiovascular Surgery. 2020;36;142-147	5
1666	A. T. van Teijlingen, T.Bouchachia, H.Sathian, B.van Teijlingen, E., Artificial Intelligence and Health in Nepal. Nepal Journal of Epidemiology. 2020;10;915-918	8

1667	T. A. P. Kishore, G.Raveendran, V.Ganpule, A.Gautam, G.Laddha, A.Pooleri, G. K.Desai, M., Robot-assisted laparoscopic radical nephrectomy and inferior vena cava thrombectomy: A multicentre Indian experience. Arab Journal of Urology Print. 2020;18;124-128	5
1668	C. Y. M. C. Johansson, F. K. H., Robotic-assisted versus conventional laparoscopic hysterectomy for endometrial cancer. European Journal of Obstetrics & Gynecology and Reproductive Biology. 2020;8;100116	13
1669	A. M. Pratap, B.McCarter, M., Indocyanine green tattooing for resection of endophytic submucosal lesions at anatomically difficult locations: Broader application of robotic platform. Journal of Minimal Access Surgery. 2020;16;438-440	2
1670	C. N. Nezhat, K.Ackroyd, E.Roman, R. A.Rambhatla, A.Nezhat, A.Asiaii, A., Nerve-Sparing Modified Radical Hysterectomy for Severe Endometriosis and Complex Pelvic Pathology. Cureus. 2020;12;e9882	5
1671	E. O. Kadirogullari, B.Aydin, U.Basgoze, S.Sen, O., A comparison of robotically-assisted endoscopic versus sternotomy approach for myxoma excision: A single-center experience. Gogus Kalp Damar Cerrahisi Dergisi. 2020;28;450-459	13
1672	J. T. Thilak, M.Mane, P. P.Sharma, A.Mohan, V.Babu, B. C., Accuracy of tibial component positioning in the robotic arm assisted versus conventional unicompartmental knee arthroplasty. Journal of Orthopaedics. 2020;22;367-371	12
1673	I. H. K. Lieberman, S.Hesselbacher, S., Robotic-Assisted Pedicle Screw Placement During Spine Surgery. Jbjs Essential Surgical Techniques. 2020;10;e0020	7
1674	F. Z. Pu, Z.Chen, Z.Cai, K.Wang, B.Wu, Q.Shi, D.Liu, J.Shao, Z., Application of the da Vinci surgical robot system in presacral nerve sheath tumor treatment. Oncology Letters. 2020;20;125	5
1675	S. Y. K. Park, J.Jeong, K.Jung, S. I.Hur, Y. M.Cho, E. H.Moon, H. S.Chung, H. W., Clinical experience of robotic myomectomy for fertility preservation using preoperative magnetic resonance imaging predictor. Obstetrics & Gynecology Science. 2020;63;726-734	5
1676	B. M. Garg, N.Malhotra, R., Robotic spine surgery: Ushering in a new era. Journal of Clinical Orthopaedics & Trauma. 2020;11;753-760	8
1677	M. S. Elessawy, S.Gunther, V.Maass, N.Mettler, L.Alkatout, I., Postoperative Telephone-Based Questionnaire on Quality of Life after Robotic-Assisted Laparoscopic Hysterectomy versus Conventional Total Laparoscopic Hysterectomy. Journal of Clinical Medicine. 2020;9;2	13
1678	M. F. Verra, A.Chiurazzi, M.Mariani, A.Lo Secco, G.Forcignano, E.Koulaouzidis, A.Menciassi, A.Dario, P.Ciuti, G.Arezzo, A., Robotic-Assisted Colonoscopy Platform with a Magnetically-Actuated Soft-Tethered Capsule. Cancers. 2020;12;2	7
1679	S. K. Baliga, B.Jhawar, S.Gamez, M.Mitchell, D.Blakaj, A.Grecula, J.Gardner, U.Dibs, K.Old, M.Seim, N.Kang, S.Carrau, R.Agrawal, A.Karivedu, V.Bhateja, P.Ozer, E.Rocco, J.Bonomi, M.Blakaj, D., Identification of Clinical and Socioeconomic Predictors of Adjuvant Therapy after Trans-Oral Robotic Surgery in Patients with Oropharyngeal Squamous Cell Carcinoma. Cancers. 2020;12;1	5
1680	M. S. Sramek, Y.Quintanilla, E.Wu, X.Ponukumati, A.Pastel, D.Halter, R.Paydarfar, J., Tumor phantom for training and research in transoral surgery. Laryngoscope Investigative Otolaryngology. 2020;5;677-682	7
1681	M. R. P. Shah, J. P.Patel, C. R., Optimal Flexion for the Femoral Component in TKR: A Study of Angle Between Mechanical Axis and Distal Anatomic Intramedullary Axis Using 3D Reconstructed CT Scans in 407 Osteoarthritic Knees Studied in India. Indian Journal of Orthopaedics. 2020;54;624-630	7

1682	M. S. S. Boga, M. G.Karamik, K.Yilmaz, K.Savas, M.Ates, M., The effect of peritoneal re-approximation on lymphocele formation in transperitoneal robot-assisted radical prostatectomy and extended pelvic lymphadenectomy. Turkish Journal of Urology. 2020;46;460-467	3
1683	C. G. Iavazzo, I. D., Safety and feasibility of robotic surgery in selected ovarian cancer patients undergoing interval debulking surgery. Obstetrics & Gynecology Science. 2020;63;553-554	8
1684	B. G. N. Soliman, D. T.Chan, E. Y.Chihara, R. K.Meisenbach, L. M.Graviss, E. A.Kim, M. P., Impact of da Vinci Xi robot in pulmonary resection. Journal of Thoracic Disease. 2020;12;3561-3572	5
1685	T. M. Prayer-Galetti, G.Morlacco, A.Celso, F.Boemo, D.Iafrate, M.Zattoni, F., Urological Care and COVID-19: Looking Forward. Frontiers in Oncology. 2020;10;1313	8
1686	K. J. K. Na, C. H., Current Issues in Minimally Invasive Esophagectomy. The Korean Journal of Thoracic & Cardiovascular Surgery. 2020;53;152-159	8
1687	L. K. Kumar, K.Sandhya, S.Koshy, D. M.Ramamurthi, K. P.Rajan, S., Effect of liberal versus restrictive fluid therapy on intraoperative lactate levels in robot- assisted colorectal surgery. Indian Journal of Anaesthesia. 2020;64;599-604	3
1688	C. M. K. Kruger, A.Turler, A.Riediger, H., Can surgery follow the dictates of the pandemic "keep your distance"? Requirements with COVID-19 for hygiene, resources and the team. GMS Hygiene and Infection Control. 2020;15;Doc19	8
1689	J. J. C. Crivelli, J. A.Garbens, A., Robotic heminephrectomy for benign indications: surgical technique and outcomes. Central European Journal of Urology. 2020;73;236-237	8
1690	A. E. O. Canda, A.Arpali, E.Koseoglu, E.Kiremit, M. C.Kordan, Y.Kocak, B.Balbay, M. D.Esen, T., Robotic assisted partial nephrectomy with cold ischemia applying ice pieces and intraoperative frozen section evaluation of the mass: complete replication of open approach with advantages of minimally invasive surgery. Central European Journal of Urology. 2020;73;234-235	5
1691	M. F.-L. Rodriguez, D.Wee, J. O.Cerfolio, R. J., The need for structured thoracic robotic training: the perspective of an American Association for Thoracic Surgery surgical robotic fellow. Annals of Translational Medicine. 2020;8;557	8
1692	J. H. M. Beckmann, A. S.Kersebaum, J. N.von Schonfels, W.Taivankhuu, T.Laudes, M.Egberts, J. H.Becker, T., Pros and Cons of Robotic Revisional Bariatric Surgery. Visceral Medicine. 2020;36;238-245	12
1693	F. B. Tagliabue, M.Chiarelli, M.Fumagalli, L.Guttadauro, A.Arborio, E.De Simone, M.Cioffi, U., Robotic vs laparoscopic right colectomy - the burden of age and comorbidity in perioperative outcomes: An observational study. World Journal of Gastrointestinal Surgery. 2020;12;287-297	12
1694	F. F. Esmailie, M.Ameel, T., Heat transfer analysis in an uncoiled model of the cochlea during magnetic cochlear implant surgery. International Journal of Heat & Mass Transfer. 2020;154;	7
1695	T. N. Yun, K. J.Kang, C. H., Robot-assisted anastomosis of an incidentally transected right gastroepiploic artery. Interactive Cardiovascular & Thoracic Surgery. 2020;31;426	8

1696	F. v. O. Collamati, M. N.De Simoni, M.Faccini, R.Fischetti, M.Mancini Terracciano, C.Mirabelli, R.Moretti, R.Heuvel, J. O.Solfaroli Camillocci, E.van Beurden, F.van der Poel, H. G.Valdes Olmos, R. A.van Leeuwen, P. J.van Leeuwen, F. W. B.Morganti, S., A DROP-IN beta probe for robot-assisted ⁶⁸Ga-PSMA radioguided surgery: first ex vivo technology evaluation using prostate cancer specimens. EJNMMI Research. 2020;10;92	2
1697	W. B. Xie, J.Wei, Q.Han, P.Song, D.Shi, L.Ye, D.Shen, Y.Gou, X.He, W.Wang, S.Liu, Z.Fan, J.Wu, K.Chen, Z.Zhou, X.Kong, C.Liu, Y.Liu, C.Xu, A.Jin, B.Fu, G.Xue, W.Chen, H.Pan, T.Tu, Z.Lin, T.Huang, J., Survival after radical cystectomy for bladder cancer: Multicenter comparison between minimally invasive and open approaches. Asian Journal of Urology. 2020;7;291-300	2
1698	J. T. R. Kaminski, K.Zhang, H. K., Feasibility of Robot-Assisted Ultrasound Imaging with Force Feedback for Assessment of Thyroid Diseases. Proceedings of SPIE the International Society for Optical Engineering. 2020;11315;	7
1699	A. G. Q. Yun, M.Chen, C. M.Pasko, K. B. D., Management of failed UKA to TKA: conventional versus robotic-assisted conversion technique. Knee Surgery & Related Research. 2020;32;38	12
1700	T. F. Saito, Y.Uchino, T.Kurahashi, S.Matsumura, T.Osawa, T.Arikawa, T.Komatsu, S.Kaneko, K.Sano, T., Preliminary results of robotic inguinal hernia repair following its introduction in a single-center trial. Annals of Gastroenterological Surgery. 2020;4;441-447	5
1701	L. M. Lowenstein, E.Weiner, Z.Baekelandt, J., Robotic transvaginal natural orifice transluminal endoscopic surgery for bilateral salpingo oophorectomy. European Journal of Obstetrics & Gynecology and Reproductive Biology. 2020;7;100113	5
1702	M. M. Yahagi, T.Kanazawa, H.Yoshitani, K.Ohnishi, Y., Transesophageal echocardiography in robot-assisted mitral valve repair for Barlow's disease: usefulness for predicting artificial ring size and artificial chordae length using the loop technique. JA Clinical Reports. 2020;6;56	5
1703	M. D.-K. Brannstrom, P.Ekberg, J.Akouri, R.Groth, K.Enskog, A.Broecker, V.Molne, J.Ayoubi, J. M.Kvarnstrom, N., Outcome of Recipient Surgery and 6-Month Follow-Up of the Swedish Live Donor Robotic Uterus Transplantation Trial. Journal of Clinical Medicine. 2020;9;22	5
1704	E. Working Group of, The role of minimally invasive radical hysterectomy for cervical cancer: ESGE-SERGS position document and joint-statement. Facts Views & Vision in Obgyn. 2020;12;13	8
1705	A. K. Kapur, V., Robotic Surgery: Anaesthesiologist's Contemplation. The Malaysian Journal of Medical Science. 2020;27;143-149	8
1706	N. M. B. Gupta, D. O.Holcombe, J.Furr, R. S., A Comparison of Surgical Outcomes between Single-Site Robotic, Multiport Robotic and Conventional Laparoscopic Techniques in Performing Hysterectomy for Benign Indications. Gynecology & Minimally Invasive Therapy. 2020;9;59-63	13
1707	J. C. G. Best, D.Alawamlh, O. A. H.Li, P. S.Ramasamy, R., Use of 4K3D Video Microscope in Male Infertility Microsurgery. Urology Video Journal. 2020;7;	8
1708	F. P. Alambeigi, S. A.Speyer, J. L.Rosen, J.Iordachita, I.Taylor, R. H.Armand, M., SCADE: Simultaneous Sensor Calibration and Deformation Estimation of FBG-Equipped Unmodeled Continuum Manipulators. IEEE Transactions on Robotics. 2020;36;222-239	7
1709	C. T. Leelasestaporn, T.Arirachakaran, A.Kongtharvonskul, J., Comparison of 1-year outcomes between MAKO versus NAVIO robot-assisted medial UKA: nonrandomized, prospective, comparative study. Knee Surgery & Related Research. 2020;32;13	3
1710	X. K. C. Li, Z. Z.Xu, Y.Zhou, H.Wu, W. J.Wang, G. M.Qiang, Y.Shen, Y., Clinical efficacy of robot-assisted thoracoscopic surgery for posterior mediastinal neurogenic tumors. Journal of Thoracic Disease. 2020;12;3065-3072	13

1711	R. J. Ferreira, N.Rodrigues, M.Nobre, A., Inframammary approach for addressing anterior mediastinal tumours: initial experience. Journal of Thoracic Disease. 2020;12;2077-2081	2
1712	H. N. Del Calvo, D. T.Meisenbach, L. M.Chihara, R.Chan, E. Y.Graviss, E. A.Kim, M. P., Pre-emptive pain management program is associated with reduction of opioid prescription after minimally invasive pulmonary resection. Journal of Thoracic Disease. 2020;12;1982-1990	2
1713	C. S. Esposito, A.Del Conte, F.Cerulo, M.Coppola, V.Farina, A.Crocetto, F.Ricciardi, E.Esposito, G.Escolino, M., Image-Guided Pediatric Surgery Using Indocyanine Green (ICG) Fluorescence in Laparoscopic and Robotic Surgery. Frontiers in Pediatrics. 2020;8;314	5
1714	S. N. Cui, A. E.Ma, L.Su, P.Su, D.Liao, Z., Analysis of the morphometric change in the uncinate process of the cervical spondylosis patients: A study of radiological anatomy. Journal of Orthopaedic Translation. 2020;24;32-38	2
1715	D. Y. Lee, H. W.Kwon, H.Kong, H. J.Lee, K. E.Kim, H. C., Evaluation of Surgical Skills during Robotic Surgery by Deep Learning-Based Multiple Surgical Instrument Tracking in Training and Actual Operations. Journal of Clinical Medicine. 2020;9;23	2
1716	S. L. Aljabab, A.Wong, T.Liao, J. J.Laramore, G. E.Parvathaneni, U., Proton Therapy for Locally Advanced Oropharyngeal Cancer: Initial Clinical Experience at the University of Washington. International Journal of Particle Therapy. 2020;6;44573	2
1717	K. K. Kawada, T.Mizuno, R.Goto, S.Sakai, Y., Combined robotic and cystoscopic surgery for rectal cancer invading urinary bladder. International Cancer Conference Journal. 2020;9;102-106	5
1718	J. C. Garcia, Jr.Cordeiro, E. F.Raffaelli, M. P.Dumans Mello, M. B.Kozonara, M. E.Cardoso, A. D. M., Jr.Torres, M. C., Robotic Transfer of the Latissimus Dorsi. Arthroscopy Techniques. 2020;9;e769-e773	8
1719	A. H. Almarzouq, J.Noureldin, Y. A.Yin, A.Anidjar, M.Bladou, F.Tanguay, S.Kassouf, W.Aprikian, A. G.Andonian, S., Are basic robotic surgical skills transferable from the simulator to the operating room? A randomized, prospective, educational study. Canadian Urological Association Journal. 2020;14;416-422	1
1720	F. G. Ionna, A.Califano, L.Motta, G.Salzano, G.Pavone, E.Aversa, C.Longo, F.Villano, S.Ponzo, L. M.Franco, P.Losito, S.Buonaguro, F. M.Tornesello, M. L.Maglione, M. G., Transoral robotic surgery in head and neck district: a retrospective study on 67 patients treated in a single center. Infectious Agents & Cancer [Electronic Resource]. 2020;15;40	5
1721	J. Y. B. Choi, I. E.Kim, H. S.Yoon, S. G.Yi, J. W.Yu, H. W.Kim, S. J.Chai, Y. J.Lee, K. E.Youn, Y. K., Comparative study of bilateral axillo-breast approach endoscopic and robotic thyroidectomy: propensity score matching analysis of large multi-institutional data. Annals of surgical treatment and research. 2020;98;307-314	12
1722	C. D. J. Vo, B.Azad, T. D.Crawford, N. R.Bydon, A.Theodore, N., Robotic Spine Surgery: Current State in Minimally Invasive Surgery. Global Spine Journal. 2020;10;34S-40S	5
1723	I. F. Bednarz-Misa, M. G.Zawadzki, M.Kapturkiewicz, B.Kubiak, A.Neubauer, K.Witkiewicz, W.Krzystek-Korpacka, M., L-Arginine/NO Pathway Metabolites in Colorectal Cancer: Relevance as Disease Biomarkers and Predictors of Adverse Clinical Outcomes Following Surgery. Journal of Clinical Medicine. 2020;9;8	2
1724	M. O. Nasor, W., Detection and Localization of Early-Stage Multiple Brain Tumors Using a Hybrid Technique of Patch-Based Processing, k-means Clustering and Object Counting. International Journal of Biomedical Imaging. 2020;2020;9035096	2

1725	A. A. B. Cumpanas, R.Ferician, O.Latcu, S. C.Lazar, O. F.Duta, C., The impact of tiredness on virtual reality robotic surgical skills. Wideochirurgia i Inne Techniki Maloinwazyjne. 2020;15;298-304	2
1726	P. H. Zeuschner, L.Peters, R.Saar, M.Linxweiler, J.Siemer, S.Magheli, A.Kramer, J.Liefeldt, L.Budde, K.Schlomm, T.Stockle, M.Friedersdorff, F., Robot-Assisted versus Laparoscopic Donor Nephrectomy: A Comparison of 250 Cases. Journal of Clinical Medicine. 2020;9;26	13
1727	W. K. Chai, X.Yang, M.Puah, K. L.Tang, P.Chen, J., Robot-Assisted Total Hip Arthroplasty for Arthrodesed Hips. Therapeutics & Clinical Risk Management. 2020;16;357-368	12
1728	K. Y. T. Wong, A. M., Short term outcomes of minimally invasive selective lateral pelvic lymph node dissection for low rectal cancer. World Journal of Gastrointestinal Surgery. 2020;12;178-189	2
1729	P. M. Capaccio, F.Meccariello, G.Cammaroto, G.Magnuson, J. S.Pelucchi, S.Bresciani, L.Vicini, C., Transoral robotic submandibular sialadenectomy: how and when. Gland Surgery. 2020;9;423-429	8
1730	Y. M. K. Park, D. H.Kang, M. S.Lim, J. Y.Kim, S. H.Choi, E. C.Koh, Y. W., Real impact of surgical robotic system for precision surgery of parotidectomy: retroauricular parotidectomy using da Vinci surgical system. Gland Surgery. 2020;9;183-191	5
1731	S. C. A. Yang, J. H.Kim, J. H.Yi, J. W.Hur, M. H.Lee, K. Y., Comparison of the vessel sealer Extend^R with harmonic ACE^R in robotic bilateral axillary-breast approach thyroid surgery. Gland Surgery. 2020;9;164-171	3
1732	M. S. S. Billah, M.Munver, R.Tsui, J.Lovallo, G.Ahmed, M., Single port robotic assisted reconstructive urologic surgery-with the da Vinci SP surgical system. Translational Andrology & Urology. 2020;9;870-878	5
1733	A. S. Aminsharifi, G.Wilson, C. A.Garisto, J.Kaouk, J., Technical advancements in robotic prostatectomy: single-port extraperitoneal robotic-assisted radical prostatectomy and single-port transperineal robotic-assisted radical prostatectomy. Translational Andrology & Urology. 2020;9;848-855	8
1734	M. I. M. Patel, S.Vladica, P.Gillatt, D., Robotic-assisted magnetic resonance imaging ultrasound fusion results in higher significant cancer detection compared to cognitive prostate targeting in biopsy naive men. Translational Andrology & Urology. 2020;9;601-608	12
1735	Q. H. Zhou, J.Pan, F.Li, J.Liu, Y.Hou, Y.Song, W.Luo, Q., Operative outcomes and long-term survival of robotic-assisted segmentectomy for stage IA lung cancer compared with video-assisted thoracoscopic segmentectomy. Translational Lung Cancer Research. 2020;9;306-315	13
1736	M. S. Ghanem, S.Blebea, J.Tuma, F.Zayout, M.Conti, N.Qudah, G.Kamel, M. K., Robotic versus Laparoscopic Cholecystectomy: Case-Control Outcome Analysis and Surgical Resident Training Implications. Cureus. 2020;12;e7641	12
1737	H. Y. Kondo, S.Hirano, Y.Ishii, T.Obara, N.Wang, L.Asari, M.Kato, T.Takayama, T.Sugita, H.Sakuramoto, S.Koyama, I., A first case of ileocecal resection using a Senhance Surgical System in Japan. Surgical Case Reports. 2020;6;95	2
1738	J. M. Douissard, J.Dupuis, A.Peloso, A.Mareschal, J.Toso, C.Hagen, M., Robotic versus open primary ventral hernia repair: A randomized controlled trial (Robovent Trial). International Journal of Surgery Protocols. 2020;21;27-31	12
1739	J. D. M. Hassebrock, J. L.Wong, M.Patel, K. A.Scott, K. L.Deckey, D. G.Chhabra, A., Minimally Invasive Robotic-Assisted Patellofemoral Arthroplasty. Arthroscopy Techniques. 2020;9;e425-e433	8

1740	S. P. Z. Ye, W. Q.Liu, D. N.Lei, X.Jiang, Q. G.Hu, H. M.Tang, B.He, P. H.Gao, G. M.Tang, H. C.Shi, J.Li, T. Y., Robotic- vs laparoscopic-assisted proctectomy for locally advanced rectal cancer based on propensity score matching: Short-term outcomes at a colorectal center in China. World Journal of Gastrointestinal Oncology. 2020;12;424-434	12
1741	M. R. Brunotte, S.Weber, J.Sucher, E.Lederer, A.Hau, H. M.Stolzenburg, J. U.Seehofer, D.Sucher, R., Robotic assisted nephrectomy for living kidney donation (RANLD) with use of multiple locking clips or ligatures for renal vascular closure. Annals of Translational Medicine. 2020;8;305	5
1742	T. B. Keck, U.Hackert, T.Werner, J., Special Issue Robotics in Surgery and Endoscopy. Visceral Medicine. 2020;36;124-128	8
1743	C. F. T. Muller-Debus, M.Zimmermann, M.Wellner, U. F.Bausch, D.Keck, T., Robot-Assisted Pancreatic Surgery: A Structured Approach to Standardization of a Program and of the Operation. Visceral Medicine. 2020;36;104-112	8
1744	L. M. V. Nherera, S.Trueman, P.Jennings, S., Early Economic Evaluation Demonstrates That Noncomputerized Tomography Robotic-Assisted Surgery Is Cost-Effective in Patients Undergoing Unicompartmental Knee Arthroplasty at High-Volume Orthopaedic Centres. Advances in Orthopaedics. 2020;2020;3460675	3
1745	V. S. Cela, C.Rosa Obino, M. E.Bifulco, G.Giovanni Artini, P.Papini, F., Sentinel-lymph-node mapping with indocyanine green in robotic-assisted laparoscopic surgery for early endometrial cancer: a retrospective analysis. Facts Views & Vision in Obgyn. 2020;11;323-328	5
1746	S. B. D. Shah, M.Meghana, D., An algorithm for management of intraoperative subcutaneous emphysema during robotic surgery. Saudi journal of anaesthesia. 2020;14;269-270	8
1747	S. J. H. Yang, H. K.Kang, C. M.Lee, W. J., Revisiting the potential advantage of robotic surgical system in spleen-preserving distal pancreatectomy over conventional laparoscopic approach. Annals of Translational Medicine. 2020;8;188	12
1748	M. W. Peng, X.Chen, C.Tan, S.Liu, W.Yu, F., Report on 153 sequential three-incision robotic-assisted pulmonary resections by a single surgeon: technical details and learning curve. Journal of Thoracic Disease. 2020;12;741-748	5
1749	J. Y. Kim, J. S., Totally endoscopic mitral valve repair using a three-dimensional endoscope system: initial clinical experience in Korea. Journal of Thoracic Disease. 2020;12;705-711	5
1750	O. M. H. Omisore, S.Al-Handarish, Y.Du, W.Duan, W.Akinyemi, T. O.Wang, L., Motion and Trajectory Constraints Control Modeling for Flexible Surgical Robotic Systems. Micromachines. 2020;11;7	7
1751	Y. Z. Sun, L.Zhang, J.Xing, N.Zhang, Q.Hu, X.Wang, L.Guo, Y., Census report on Chinese urological surgeons. Asian Journal of Urology. 2020;7;149-160	8
1752	J. M. M. Cho, K. T.Yoo, T. K., Robotic Simple Prostatectomy: Why and How?. International neurourology journal. 2020;24;44915	8
1753	W. F. Tian, M.Zeng, C.Liu, Y.He, D.Zhang, Q., Telerobotic Spinal Surgery Based on 5G Network: The First 12 Cases. Neurospine. 2020;17;114-120	5
1754	G. D. S. Vadala, S.Ambrosio, L.Russo, F.Papalia, R.Denaro, V., Robotic Spine Surgery and Augmented Reality Systems: A State of the Art. Neurospine. 2020;17;88-100	8
1755	S. L. S. Carbajal-Mamani, D.Markham, M. J.Esnakula, A. K.Grajo, J. R.Castagno, J. C.Cardenas-Goicoechea, J., Robotic-assisted interval cytoreductive surgery in ovarian cancer: a feasibility study. Obstetrics & Gynecology Science. 2020;63;150-157	5

1756	N. R. B. Hess, N.Levy, R. M.Pennathur, A.Christie, N. A.Luketich, J. D.Sarkaria, I. S., Robotic assisted minimally invasive thymectomy with simultaneous bilateral thoracoscopy and contralateral phrenic nerve visualization. Journal of Thoracic Disease. 2020;12;114-122	5
1757	K. Z. Chen, X.Jin, R.Xiang, J.Han, D.Zhang, Y.Li, H., Robot-assisted thoracoscopic surgery for mediastinal masses: a single-institution experience. Journal of Thoracic Disease. 2020;12;105-113	5
1758	T. N. C. Chang, L. W.Lee, C. P.Chang, K. H.Chuang, D. C.Chao, Y. K., Microsurgical robotic suturing of sural nerve graft for sympathetic nerve reconstruction: a technical feasibility study. Journal of Thoracic Disease. 2020;12;97-104	5
1759	A. B. Abbas, C.Petrov, R.Kaiser, L., Financial impact of adapting robotics to a thoracic practice in an academic institution. Journal of Thoracic Disease. 2020;12;89-96	1
1760	C. N. Venkatakarthikeyan, S.Gowrishankar, M.Rao, S., Robotic Surgery in Head and Neck in Pediatric Population: Our Experience. Indian Journal of Otolaryngology & Head & Neck Surgery. 2020;72;98-103	5
1761	D. W. T. Lee, K., Robot-assisted excision of thyroglossal duct cyst by a postauricular facelift approach. Wideochirurgia i Inne Techniki Maloinwazyjne. 2020;15;245-248	5
1762	Y. L. Zhao, Z.Yu, L.Liu, S.Yan, H.Zhang, Y.Yao, Y., Robotic surgery in obese patients with early-stage endometrial cancer. Wideochirurgia i Inne Techniki Maloinwazyjne. 2020;15;171-175	5
1763	N. A. D. Sahbaz, A. C.Akarsu, C.Guzey, D.Kulus, M.Dogansen, S. C.Mert, M.Alis, H., Transperitoneal laparoscopic surgery in large adrenal masses. Wideochirurgia i Inne Techniki Maloinwazyjne. 2020;15;106-111	5
1764	A. A. F. Cumpanas, O.Latcu, S.Duta, C.Bardan, R.Lazar, F. O., Does sleep deprivation alter virtual reality-based robotic surgical skills?. Wideochirurgia i Inne Techniki Maloinwazyjne. 2020;15;97-105	2
1765	L. J. N. Kuo, J. C.Lin, Y. K.Chen, C. C.Tang, Y. H., A pilot study comparing ergonomics in laparoscopy and robotics: beyond anecdotes, and subjective claims. Journal of Surgical Case Reports. 2020;2020;rjaa005	2
1766	E. G. Donnely, M. F.Butler, P. E., Robotic Surgery: A Novel Approach for Breast Surgery and Reconstruction. Plastic and Reconstructive Surgery - Global Open. 2020;8;e2578	8
1767	A. N. Y. Aydemir, M., Trends in Unicompartmental Knee Arthroplasty. Acta Ortopedica Brasileira. 2020;28;19-21	2
1768	E. A. Crosetti, G.Manca, A.Caracciolo, A.Bertotto, I.Succo, G., 3D Exoscopic Surgery (3Des) for Transoral Oropharyngectomy. Frontiers in Oncology. 2020;10;16	5
1769	R. M. R. Carey, K.Seckar, T.Lin, X.Wei, Z.Tong, C. C. L.Ranasinghe, V. J.Newman, J. G.O'Malley, B. W., Jr.Weinstein, G. S.Feldman, M. D.Robertson, E. S., The virome of HPV-positive tonsil squamous cell carcinoma and neck metastasis. Oncotarget. 2020;11;282-293	2
1770	C. G. Shen, D.Klein, R.Zhou, S.Shih, Y. T.Tracy, T.Soybel, D.Dillon, P., Factors Associated With Hospital Decisions to Purchase Robotic Surgical Systems. MDM Policy & Practice. 2020;5;2381468320904360	2
1771	B. M. D. I. C. Sephton, N.Shearman, A.Nathwani, D., Achieving discharge within 24 h of robotic unicompartmental knee arthroplasty may be possible with appropriate patient selection and a multi-disciplinary team approach. Journal of Orthopaedics. 2020;19;223-228	5

1772	S. J. Lippross, K. P.Osmonov, D.Peh, S.Alkatout, I.Finn, J.Egberts, J. H.Seekamp, A., Robot assisted spinal surgery- A technical report on the use of DaVinci in orthopaedics. Journal of Orthopaedics. 2020;19;50-53	8
1773	N. N. A. Junejo, A.Alshahrani, S. M.Alshammari, A.Peters, C. A.Alhazmi, H.Vallasciani, S. A., The learning curve for robotic-assisted pyeloplasty in children: Our initial experience from a single center. Urology Annals. 2020;12;19-24	5
1774	A. S. A. Tamhankar, P.Patil, S. R.Nambiath, S.Gautam, G., Implementation of ERAS protocol in robot-assisted radical cystectomy with intracorporeal ileal conduit urinary diversion: An outcome analysis beyond the learning curve. Indian Journal of Urology. 2020;36;37-43	5
1775	Y. S. M. Zhao, B., Robotic-assisted laparoscopic sacrocolpopexy: Initial Canadian experience. Canadian Urological Association Journal. 2020;14;E257-E263	5
1776	K. T. Yamazaki, G.Shoji, F.Takeo, S., A novel technique for robotic-assisted lobectomy for lung cancer: the anterior approach. Interactive Cardiovascular & Thoracic Surgery. 2020;30;328	8
1777	M. A. R. Goettman, M. L.Vang, L.Dughayli, M. S.Faraj, C. H., Robotic assistance in ventral hernia repair may decrease the incidence of hernia recurrence. Journal of Minimal Access Surgery. 2020;16;335-340	8
1778	L. E. S. Wells, B.Honaker, M. D., Rate of conversion to an open procedure is reduced in patients undergoing robotic colorectal surgery: A single-institution experience. Journal of Minimal Access Surgery. 2020;16;229-234	12
1779	J. O. K. Park, M. R.Park, Y. J.Kim, M. S.Sun, D. I., Transoral endoscopic thyroid surgery using robotic scope holder: Our initial experiences. Journal of Minimal Access Surgery. 2020;16;235-238	5
1780	S. P. D. Somashekhar, A. Y.Ashwin, K. R.Gangasani, R.Kumar, R., A prospective randomized controlled trial comparing conventional Intuitive R procedure card recommended port placement with the modified Indian (Manipal) technique. Journal of Minimal Access Surgery. 2020;16;246-250	5
1781	D. G. Zambonin, F.Ficari, F.Pesi, B.Malentacchi, C.Scaringi, S., Preliminary study of short- and long-term outcome and quality of life after minimally invasive surgery for Crohn's disease: Comparison between single incision, robotic-assisted and conventional laparoscopy. Journal of Minimal Access Surgery. 2020;16;364-371	12
1782	L. D. F. Morelli, G.Guadagni, S.Palmeri, M.Furbetta, N.Funel, N.Gianardi, D.Palma, A.Pollina, L.Moglia, A.Pietrabissa, A.Candio, G.Mosca, F.Cuschieri, A., Robotic-assisted versus open left pancreatectomy for cystic tumours: A single-centre experience. Journal of Minimal Access Surgery. 2020;16;66-70	12
1783	B. R. P. Seo, C. J.McNamara, S. L.Freedman, B. R.Kwee, B. J.Nam, S.de Lazaro, I.Darnell, M.Alvarez, J. T.Dellacherie, M. O.Vandenburgh, H. H.Walsh, C. J.Mooney, D. J., Skeletal muscle regeneration with robotic actuation-mediated clearance of neutrophils. Science Translational Medicine. 2021;13;eabe8868	7
1784	M. D. A. Hickey, C.Masri, B.Hodgson, A. J., How Large a Study Is Needed to Detect TKA Revision Rate Reductions Attributable to Robotic or Navigated Technologies? A Simulation-based Power Analysis. Clinical Orthopaedics & Related Research. 2021;479;2350-2361	2
1785	M. K. Kadan, E.Erol, G.Karabacak, K.Akyol, F. B.Yildirim, V.Bolcal, C.Demirkilic, U., Early- and mid-term results of cryoablation of atrial fibrillation concomitant with robotic mitral valve surgery. Anatolian Journal of Cardiology. 2021;25;266-272	5
1786	N. Z. Cheng, H.Yang, M.Liu, G.Guo, Y.Kang, W.Gao, C.Wang, R., Eleven-year outcomes of U-clips in totally robotic coronary artery bypass grafting versus standard hand-sewn running suture in robotic-assisted coronary artery bypass grafting. Interactive Cardiovascular & Thoracic Surgery. 2021;33;27-33	3

1787	S. K. Bajpai, A.Rutledge, K. M.Stahl, R. D., Impact of Robotic Versus Laparoscopic Pyloroplasty on Short- and Long-term Outcomes in Patients with Gastroparesis. Journal of Gastrointestinal Surgery. 2021;25;2679-2680	12
1788	A. B. S. Katims, R.Derweesh, I.Uzzo, R.Minervini, A.Wu, Z.Abdollah, F.Sundaram, C.Ferro, M.Rha, K.Mottrie, A.Rosiello, G.Simone, G.Eun, D. D.Reese, A.Kidd, L. C.Porter, J.Bhattu, A. S.Gonzalgo, M. L.Margulis, V.Marcus, J.Danno, A.Meagher, M.Tellini, R.Mari, A.Veccia, A.Ghoreifi, A.Autorino, R.Djaladat, H.Mehrazin, R., Risk Factors for Intravesical Recurrence after Minimally Invasive Nephroureterectomy for Upper Tract Urothelial Cancer (ROBUUST Collaboration). Journal of Urology. 2021;206;568-576	5
1789	S. V. Lof, F. L.Klompmaker, S.Berti, S.Boggi, U.Coratti, A.Dokmak, S.Fara, R.Festen, S.D'Hondt, M.Khatkov, I.Lips, D.Luyer, M.Manzoni, A.Rosso, E.Saint-Marc, O.Besselink, M. G.Abu Hilal, M.European consortium on Minimally Invasive Pancreatic, Surgery, Risk of conversion to open surgery during robotic and laparoscopic pancreatoduodenectomy and effect on outcomes: international propensity score-matched comparison study. British Journal of Surgery. 2021;108;80-87	12
1790	H. Y. L. Kim, S. Y.Lee, H. S.Jun, B. K.Choi, J. B.Kim, J. E., Beneficial Effects of Intravenous Magnesium Administration During Robotic Radical Prostatectomy: A Randomized Controlled Trial. Advances in Therapy. 2021;38;1701-1712	3
1791	S. v. A. Azargoshasb, S.Slof, L. J.Rosiello, G.Puliatti, S.van Leeuwen, S. I.Houwing, K. M.Boonekamp, M.Verhart, J.Dell'Oglio, P.van der Hage, J.van Oosterom, M. N.van Leeuwen, F. W. B., The Click-On gamma probe, a second-generation tethered robotic gamma probe that improves dexterity and surgical decision-making. European Journal of Nuclear Medicine & Molecular Imaging. 2021;48;4142-4151	7
1792	M. M. Shahait, F. A.Dobbs, R. W.Sandberg, A.El-Achkar, A.El-Fahmawi, A.Mucksavage, P.Lee, D. I., Oncological and Functional Outcomes of Robot-Assisted Radical Prostatectomy in Kidney Transplant Recipients. Journal of the Society of Laparoendoscopic Surgeons. 2021;25;Jul-Sep	5
1793	J. K. P. Grass, R.Tirelli, F.Chen, C. C.Caricato, M.Pecorino, A.Lang, I. J.Kemper, M.Izbicki, J. R.Melling, N.Perez, D., Robotic versus transanal total mesorectal excision in sexual, anorectal, and urinary function: a multicenter, prospective, observational study. International Journal of Colorectal Disease. 2021;36;2749-2761	12
1794	A. T. Jermihov, A.Kulkarni, S.Velez, F. O.Moodie, C. C.Garrett, J. R.Fontaine, J. P.Toloza, E. M., Effect of Lowest Postoperative Pre-albumin on Outcomes after Robotic-Assisted Pulmonary Lobectomy. Journal of the Society of Laparoendoscopic Surgeons. 2021;25;Jul-Sep	5
1795	P. T. Savov, L. R.Windhagen, H.Calliess, T.Ettinger, M., Robotics improves alignment accuracy and reduces early revision rates for UKA in the hands of low-volume UKA surgeons. Archives of Orthopaedic & Trauma Surgery. 2021;141;2139-2146	3
1796	M. D. S. J. McDonald, Application of Three-Dimensional Virtual Reality Models to Improve the Pre-Surgical Plan for Robotic Partial Nephrectomy. Journal of the Society of Laparoendoscopic Surgeons. 2021;25;Jul-Sep	7
1797	M. S. De Pastena, R.Paiella, S.Deiro, G.Bannone, E.Balduzzi, A.Giuliani, T.Casetti, L.Ramera, M.Filippini, C.Montagnini, G.Landoni, L.Esposito, A., Robotic Dual-Console Distal Pancreatectomy: Could it be Considered a Safe Approach and Surgical Teaching even in Pancreatic Surgery? A Retrospective Observational Study Cohort. World Journal of Surgery. 2021;45;3191-3197	5
1798	P. T. Savov, L. R.Windhagen, H.Ehmig, J.Ettinger, M., Imageless robotic handpiece-assisted total knee arthroplasty: a learning curve analysis of surgical time and alignment accuracy. Archives of Orthopaedic & Trauma Surgery. 2021;141;2119-2128	5

1799	P. P. S. Grimminger, J. I.Perez, D.Ghadban, T.Reeh, M.Scognamiglio, P.Izbicki, J. R.Biebl, M.Fuchs, H.Bruns, C. J.Lang, H.Becker, T.Egberts, J. H., Multicenter Experience in Robot-Assisted Minimally Invasive Esophagectomy - a Comparison of Hybrid and Totally Robot-Assisted Techniques. Journal of Gastrointestinal Surgery. 2021;25;2463-2469	3
1800	M. M. Mandapathil, J. E., Acceptance and adoption of transoral robotic surgery in Germany. European Archives of Oto-Rhino-Laryngology. 2021;278;4021-4026	1
1801	V. L. C. Chow, J. Y.Wong, M. M.Wong, S. T.Tsang, R. K., Novel approach to reduce SARS-CoV-2 transmission during trans-oral robotic surgery. Journal of Robotic Surgery. 2021;15;963-970	5
1802	H. S. Chen, Z.Ying, X.Weng, Y.Jiang, Y.Chen, H.Xu, Z.Deng, X.Xie, J.Shen, B., Robotic distal pancreatectomy reduces pancreatic fistula in patients without visceral obesity as compared to open distal pancreatectomy: A propensity score matching retrospective cohort study. International Journal Of Surgery. 2021;90;105960	12
1803	K. B. Yendamuri, M.Hochwald, S. N.Kukar, M.Peng, J. S., Robotic Enucleation of a Large Gastroesophageal Junction Leiomyoma. Annals of Surgical Oncology. 2021;28;8973-8974	8
1804	W. T. Ando, M.Hamada, H.Uemura, K.Sugano, N., Comparison of the accuracy of the cup position and orientation in total hip arthroplasty for osteoarthritis secondary to developmental dysplasia of the hip between the Mako robotic arm-assisted system and computed tomography-based navigation. International Orthopaedics. 2021;45;1719-1725	12
1805	T. I. Kaneko, T.Takada, K.Yoshizawa, S.Ikegami, H.Musha, Y., Robotic-assisted total knee arthroplasty improves the outlier of rotational alignment of the tibial prosthesis using 3DCT measurements. Knee. 2021;31;64-76	12
1806	N. N. Sakakura, T.Shirai, S.Takahara, H.Nakanishi, K.Matsui, T.Ueno, H.Takahashi, Y.Kuroda, H., Robotic open-thoracotomy-view approach using vertical port placement and confronting monitor setting. Interactive Cardiovascular & Thoracic Surgery. 2021;33;60-67	3
1807	S. D. Fan, X.Yang, K.Xiong, S.Xiong, G.Li, Z.Cheng, S.Li, X.Meng, C.Guan, H.Huang, Y.Mu, L.Cui, L.Zhou, L.Li, X., Robot-assisted pyeloplasty using a new robotic system, the KangDuo-Surgical Robot-01: a prospective, single-centre, single-arm clinical study. BJU International. 2021;128;162-165	8
1808	S. U. Thiengwittayaporn, P.Senwiruch, C.Hongku, N.Tunyasuwanakul, R., Imageless robotic-assisted total knee arthroplasty accurately restores the radiological alignment with a short learning curve: a randomized controlled trial. International Orthopaedics. 2021;45;2851-2858	12
1809	D. E. P. Usevitch, A. H.Scheper, V.Abbott, J. J., Estimating the Pose of a Guinea-pig Cochlea Without Medical Imaging. Otology & Neurotology. 2021;42;e1219-e1226	7
1810	V. L. Santamaria, T. D.Agrawal, S. K., Feasibility and tolerance of a robotic postural training to improve standing in a person with ambulatory spinal cord injury. Spinal Cord Series and Cases. 2021;7;94	2
1811	T. T. Haruki, Y.Kubouchi, Y.Kidokoro, Y.Nakanishi, A.Nozaka, Y.Oshima, Y.Matsui, S.Nakamura, H., Comparison between robot-assisted thoracoscopic surgery and video-assisted thoracoscopic surgery for mediastinal and hilar lymph node dissection in lung cancer surgery. Interactive Cardiovascular & Thoracic Surgery. 2021;33;409-417	13
1812	A. R. Rosemurgy, S.Bourdeau, T.Jacob, K.Thomas, J.Przetocki, V.Luberice, K.Sucandy, I., Cost Analysis of Pancreaticoduodenectomy at a High-Volume Robotic Hepatopancreaticobiliary Surgery Program. Journal of the American College of Surgeons. 2021;232;461-469	4

1813	E. F. Leblong, B.Devigne, L.Babel, M.Pasteau, F.Nicolas, B.Gallien, P., SWADAPT1: assessment of an electric wheelchair-driving robotic module in standardized circuits: a prospective, controlled repeated measure design pilot study. Journal of Neuroengineering & Rehabilitation. 2021;18;140	2
1814	J. E. J. Rosenberg, J. H.Lee, H.Lee, S.Bakker, C. J.Dahm, P., Posterior musculofascial reconstruction in robotic-assisted laparoscopic prostatectomy for the treatment of clinically localized prostate cancer. Cochrane Database of Systematic Reviews. 2021;8;CD013677	8
1815	A. A. Q. Watkins, S. M.Servais, E. L., Robotic-Assisted Complex Pulmonary Resection: Sleeve Lobectomy for Cancer. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2021;16;132-135	8
1816	S. B. Hong, A.Park, J. M.Choi, M.Shin, H. S., Visual SLAM-Based Robotic Mapping Method for Planetary Construction. Sensors. 2021;21;19	7
1817	H. Z. Shi, B.Mei, X.Song, Q., Realization of Force Detection and Feedback Control for Slave Manipulator of Master/Slave Surgical Robot. Sensors. 2021;21;11	7
1818	T. A. Cakir, A., Early results of novel robotic surgery-assisted low anterior resection for rectal cancer and transvaginal specimen extraction by using Da Vinci XI: initial clinical experience. Revista Da Associacao Medica Brasileira. 2021;67;971-974	5
1819	J. C. Chae, Y.Cho, S. J., Changes in Patterns of Radical Prostatectomy due to Diffusion of Robotic Surgical System: A Nationwide Study Using Health Insurance Claims Data. Yonsei Medical Journal. 2021;62;1155-1161	4
1820	C. W. Li, L.Perka, C.Trampuz, A., Clinical application of robotic orthopedic surgery: a bibliometric study. BMC Musculoskeletal Disorders. 2021;22;968	8
1821	I. V. Calvo, E.Napole, C.Fernandez, A.Barambones, O.Gil-Garcia, J. M., Reliable Control Applications with Wireless Communication Technologies: Application to Robotic Systems. Sensors. 2021;21;26	7
1822	D. S. Hwang, J. H.Kwon, S., Kinematic Assessment to Measure Change in Impairment during Active and Active-Assisted Type of Robotic Rehabilitation for Patients with Stroke. Sensors. 2021;21;25	2
1823	M. A. C. Furrer, D. M.Thomas, B. C.Peters, J. S.Costello, A. J.Dundee, P., Robotics in Australian urology contemporary practice and future perspectives. ANZ Journal of Surgery. 2021;91;2241-2245	8
1824	T. A. C. Fricke, Y.Smith, J. A.Almeida, A. A., The current state of robotic cardiac and thoracic surgery in Australia. ANZ Journal of Surgery. 2021;91;2245-2246	8
1825	R. Y. Cameron-Jeffs, C.Carey, M., Robotic-assisted gynaecological surgery in Australia: current trends, challenges and future possibility. ANZ Journal of Surgery. 2021;91;2246-2249	8
1826	L. H. Demaret, I. B.Eppe, G.Malherbe, C., Quantitative analysis of binary and ternary organo-mineral solid dispersions by Raman spectroscopy for robotic planetary exploration missions on Mars. Analyst. 2021;146;7306-7319	2
1827	B. K. W. Goh, Z.Koh, Y. X.Lim, K. I., Evolution and trends in the adoption of laparoscopic liver resection in Singapore: Analysis of 300 cases. Annals of the Academy of Medicine, Singapore. 2021;50;742-750	5
1828	M. S. Nakauchi, K.Shibasaki, S.Nakamura, K.Kadoya, S.Kikuchi, K.Inaba, K.Uyama, I., Prognostic factors of minimally invasive surgery for gastric cancer: Does robotic gastrectomy bring oncological benefit?. World Journal of Gastroenterology. 2021;27;6659-6672	5
1829	S. R. Ashraf, N.Hussain, A.AlSalman, H.Gumaei, A. H., q-Rung Orthopair Fuzzy Rough Einstein Aggregation Information-Based EDAS Method: Applications in Robotic Agrifarming. Computational Intelligence & Neuroscience. 2021;2021;5520264	2

1830	X. Z. Fu, J.Xiao, J.Kang, Y.Yu, L.Jiang, C.Pan, Y.Dong, H.Gao, S.Wang, Y., A high-resolution, ultrabroad-range and sensitive capacitive tactile sensor based on a CNT/PDMS composite for robotic hands. Nanoscale. 2021;13;18780-18788	2
1831	D. B. Gavrila, O.Droc, G.Lacatus, M.Minciuna, C.Ilie, V.Trandafir, B.Herlea, V.Tudor, S.Vasilescu, C., Abdominoperineal Resection for Rectal Cancer: Open, Laparoscopic or Robotic Approach. Chirurgia (Bucuresti). 2021;116;573-582	12
1832	E. S. Parimbelli, C.Soldati, F.Duchoud, L.Armas, G. L.de Almeida, J. R.Quaglini, S., Quality of life and health-related utility after trans-oral surgery for head and neck cancers. Health & Quality of Life Outcomes. 2021;19;250	5
1833	H. B. C. Haberal, B.Altan, M.Yazici, S.Akdogan, B.Ozen, H.Ergen, A., The SPARE score reliably predicts the conversion from open partial to radical nephrectomy. Croatian Medical Journal. 2021;62;464-471	5
1834	Y. W. Bai, S.Zheng, W.Li, E.Quan, J.Wei, F.Zhang, Q.Qi, X.Zhang, D., Clinical outcome of laparoscopic versus robot-assisted radical cystectomy for patients with bladder cancer: a retrospective study. BMC Surgery. 2021;21;388	13
1835	M. Y. Cerullo, K. K.Roberts, J.McDevitt, R. C.Offodile, A. C., 2nd, Private Equity Acquisition And Responsiveness To Service-Line Profitability At Short-Term Acute Care Hospitals. Health Affairs. 2021;40;1697-1705	2
1836	E. S. Parimbelli, F.Duchoud, L.Armas, G. L.de Almeida, J.Broglie, M.Quaglini, S.Simon, C., Cost-utility of two minimally-invasive surgical techniques for operable oropharyngeal cancer: transoral robotic surgery versus transoral laser microsurgery. BMC Health Services Research. 2021;21;1173	4
1837	J. J. K.-J. Kanitra, N.Gambhir, S. B.Davis, A. T.Hollis, M.Moon, C.Gupta, R.Haan, P. S.Anderson, C.Collier, D.Henry, D.Kavuturu, S., Transference of skills in robotic vs. laparoscopic simulation: a randomized controlled trial. BMC Surgery. 2021;21;379	2
1838	M. R.-B. Honing, G.Dell-Kuster, S.van Velzen, M.Martini, C.Valenza, F.Proto, P.Cambronero, O. D.Broens, S.Panhuizen, I.Roozekrans, M.Fuchs-Buder, T.Boon, M.Dahan, A.Warle, M., The impact of deep versus standard neuromuscular block on intraoperative safety during laparoscopic surgery: an international multicenter randomized controlled double-blind strategy trial - EURO-RELAX TRIAL. Trials [Electronic Resource]. 2021;22;744	2
1839	M. D. Minea, C. M.Dima, M., Robotic Railway Multi-Sensing and Profiling Unit Based on Artificial Intelligence and Data Fusion. Sensors. 2021;21;16	2
1840	G. Y. Jo, T. H.Koo, J. H.Jun, M. H.Kim, Y. M., A Transfer Function Model Development for Reconstructing Radial Pulse Pressure Waveforms Using Non-Invasively Measured Pulses by a Robotic Tonometry System. Sensors. 2021;21;14	2
1841	D. B. Guffanti, A.Hernando, M.Rueda, J.Navarro, E., ROBOGait: A Mobile Robotic Platform for Human Gait Analysis in Clinical Environments. Sensors. 2021;21;13	2
1842	J. Y. Wang, M.Ding, Z.Zheng, Q.Wang, D.Kpalma, K.Ren, J., Detection of the Deep-Sea Plankton Community in Marine Ecosystem with Underwater Robotic Platform. Sensors. 2021;21;10	7
1843	I. H. L. Li, Y. S.Lee, L. W.Lin, W. T., Design, Manufacturing, and Control of a Pneumatic-Driven Passive Robotic Gait Training System for Muscle-Weakness in a Lower Limb. Sensors. 2021;21;9	2
1844	A. S. Huaulme, D.Le Mut, K.Despinoy, F.Long, Y.Dou, Q.Chng, C. B.Lin, W.Kondo, S.Bravo-Sanchez, L.Arbelaez, P.Reiter, W.Mitsuishi, M.Harada, K.Jannin, P., MIcro-surgical anastomose workflow recognition challenge report. Computer Methods & Programs in Biomedicine. 2021;212;106452	7

1845	G. N. Szalkowski, D.Zhu, T.Yap, P. T.Lian, J., Synthetic digital reconstructed radiographs for MR-only robotic stereotactic radiation therapy: A proof of concept. Computers in Biology & Medicine. 2021;138;104917	7
1846	H. R. L. Shin, K.Yu, H. W.Kim, S. J.Chai, Y. J.Choi, J. Y.Lee, K. E., Comparison of Perioperative Outcomes Using the da Vinci S, Si, X, and Xi Robotic Platforms for BABA Robotic Thyroidectomy. Medicina. 2021;57;19	3
1847	H. C. Jiang, L., Public Perception and Reception of Robotic Applications in Public Health Emergencies Based on a Questionnaire Survey Conducted during COVID-19. International Journal of Environmental Research & Public Health [Electronic Resource]. 2021;18;17	2
1848	I. F. Schrier, Y.Berger, Y.Yahav, D.Sadot, E.Sulimani, O.Stein, M.Kashtan, H., Robotic-assisted Heller Myotomy Is a Safe Operation. Israel Medical Association Journal: Imaj. 2021;23;631-634	5
1849	P. G. Loganathan, M.Davis, B.McCallum, R., Efficacy and Safety of Robotic Dor Fundoplication on Severe Gastroesophageal Reflux Disease in Patients With Scleroderma. Journal of Investigative Medicine High Impact Case Reports. 2021;9;23247096211051200	5
1850	A. D. S. Shearman, B. M.Wilson, J.Nathwani, D. K., Robotic-assisted unicompartmental knee arthroplasty is associated with earlier discharge from physiotherapy and reduced length-of-stay compared to conventional navigated techniques. Archives of Orthopaedic & Trauma Surgery. 2021;141;2147-2153	12
1851	G. Y. Hirabayashi, Y.Nagata, K.Oshika, H.Saito, M.Akihisa, Y.Maruyama, K.Andoh, T., Changes in dead space components during pressure-controlled inverse ratio ventilation: A secondary analysis of a randomized trial. PLoS ONE [Electronic Resource]. 2021;16;e0258504	2
1852	S. Z. Wang, B.Yu, Z.Yan, Y., Differential Soft Sensor-Based Measurement of Interactive Force and Assistive Torque for a Robotic Hip Exoskeleton. Sensors. 2021;21;30	7
1853	P. P. Cuk, A. K.Lambertsen, K. L.Mogensen, C. B.Nielsen, M. F.Helligso, P.Gogenur, I.Ellebaek, M. B., Systemic inflammatory response in robot-assisted and laparoscopic surgery for colon cancer (SIRIRALS): study protocol of a randomized controlled trial. BMC Surgery. 2021;21;363	12
1854	J. Y. S. Cheong, S. H.Kim, J.Kim, S. H., How to do robotic lateral pelvic lymph node dissection for low rectal cancer using Da Vinci-Xi system. ANZ Journal of Surgery. 2021;91;2521-2523	8
1855	M. P. P. Mehta, R.Butt, Z.Maxwell, B. E.Carnes, B. N.Patel, U. A.Stepan, K. O.Mittal, B. B.Samant, S., Evaluating dysphagia and xerostomia outcomes following transoral robotic surgery for patients with oropharyngeal cancer. Head & Neck. 2021;43;3955-3965	5
1856	K. H. Nishikawa, T. G., Muscle as a tunable material: implications for achieving muscle-like function in robotic prosthetic devices. Journal of Experimental Biology. 2021;224;1	2
1857	M. H. H. S. Larsen, S. I.Channir, H. I.Madsen, A. K. O.Charabi, B. W.Rubek, N.Tvedskov, J. F.Kehlet, H.von Buchwald, C., Days alive and out of hospital following transoral robotic surgery: Cohort study of 262 patients with head and neck cancer. Head & Neck. 2021;43;3866-3874	5
1858	X. G. T. Han, G. Q.Han, X.Xing, Y. G.Zhang, Q.He, D.Tian, W., Comparison of Outcomes between Robot-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion and Oblique Lumbar Interbody Fusion in Single-Level Lumbar Spondylolisthesis. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2021;13;2093-2101	3

1859	M. J. G. B. Blyth, M. S.Doonan, J.Jones, B. G.MacLean, A. D.Rowe, P. J., Early outcomes after robotic arm-assisted bi-unicompartmental knee arthroplasty compared with total knee arthroplasty: a prospective, randomized controlled trial. Bone & Joint Journal. 2021;103-B;1561-1570	12
1860	A. L. G. C. M.-J. Morrell, A.Morrell, A. G.Couto Almeida-Filho, E.Ribeiro, DmfrRibeiro, GmparTustumi, F.Mendes, J. M. F.Morrell, A. C., Technical essential aspects in robotic colorectal surgery: mastering the Da Vinci Si and Xi platforms. Revista do Colegio Brasileiro de Cirurgioes. 2021;48;e20213007	3
1861	X. Y. Lei, L.Huang, Z.Shi, H.Zhou, Z.Tang, C.Li, T., No beneficial effect on survival but a decrease in postoperative complications in patients with rectal cancer undergoing robotic surgery: a retrospective cohort study. BMC Surgery. 2021;21;355	12
1862	S. Q. Ghazanfar, S.Zubair, M.Safdar, Y.Leghari, A. A.Quraishy, M. S., Is laparoscopic experience helpful in simulator based robotic training in general surgery?. JPMA - Journal of the Pakistan Medical Association. 2021;71;2198-2202	2
1863	M. F. Simis, F.Battistella, L. R., Transcranial direct current stimulation combined with robotic training in incomplete spinal cord injury: a randomized, sham-controlled clinical trial. Spinal Cord Series and Cases. 2021;7;87	2
1864	T. O. Nakagawa, G.Mori, H.Uemura, N.Wakana, K.Oshima, N.Tokunaga, M.Sato, Y.Hayashi, K.Kumaki, Y.Ishikawa, T.Okamoto, K.Uetake, H., Laparoscopic Abdominal Surgery after Primary Breast Reconstruction Using an Abdominal Flap. Medicina. 2021;57;10	5
1865	S. Z. Zhao, J.Sui, D.Wang, T.Zheng, T.Zhao, C.Zhu, Y., Modular Robotic Limbs for Astronaut Activities Assistance. Sensors. 2021;21;21	2
1866	L. R. L. P. Cardoso, L. M.Forner-Cordero, A., Handlebar Robotic System for Bimanual Motor Control and Learning Research. Sensors. 2021;21;7	2
1867	J. P. Choi, S.Kim, Y. H.Moon, Y.Choi, J., A Vascular Intervention Assist Device Using Bi-Motional Roller Cartridge Structure and Clinical Evaluation. Biosensors. 2021;11;10	7
1868	Z. G. Liu, Y.Jin, X.Tian, W.Qi, H.Sun, Y.Li, G.Wang, H.Xiao, X.Li, P.Hu, Y.Jia, J., Comparison of Outcomes Following TiRobot-Assisted Sacroiliac Screw Fixation with Bone Grafting and Traditional Screw Fixation without Bone Grafting for Unstable Osteoporotic Sacral Fracture: A Single-Center Retrospective Study of 33 Patients. Medical Science Monitor. 2021;27;e932724	12
1869	T. W. Luo, M., Biologically inspired micro-robotic swimmers remotely controlled by ultrasound waves. Lab on a Chip. 2021;21;4095-4103	2
1870	R. K. Takata, M.Kato, Y.Matsuura, T.Kato, R.Maekawa, S.Obara, W., Improvement of three-dimensional motion sickness using a virtual reality simulator for robot-assisted surgery in undergraduate medical students: A prospective observational study. BMC Medical Education. 2021;21;498	2
1871	H. W. Ohya, J.Goto, K.Suwa, Y.Nakagawa, K.Ozawa, M.Sato, S.Sugano, N.Suwa, H.Ishibe, A.Kunisaki, C.Endo, I., Study protocol: a multicenter randomized controlled trial of the multifaceted workload reduction of the anti-adhesion barrier for diverting ileostomy in laparoscopic rectal surgery, YCOG 2005 (ADOBARRIER study). International Journal of Colorectal Disease. 2021;36;2763-2768	8
1872	M. L. S. Horsey, A. D.Lai, D.Herur-Raman, A.Ng, M.Obias, V., Surgical management of splenic flexure colon cancer: a retrospective propensity-matched study comparing open and minimally invasive approaches using the national cancer database. International Journal of Colorectal Disease. 2021;36;2739-2747	2
1873	M. R. V. Rodriguez-Luna, R.Roriz-Silva, R.Rangarajan, M.Garcia Ruiz de Gordejuela, A.Caubet, E.Gonzalez, O.Palermo, M.Fort, J. M.Armengol, M., A Comparison of Clinical Outcomes Between Two Different Models of Surgical Robots in Roux-en-Y Gastric Bypass. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;969-977	3

1874	G. Y. H. Cui, X. G.Wei, Y.Liu, Y. J.He, D.Sun, Y. Q.Liu, B.Tian, W., Robot-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion in the Treatment of Lumbar Spondylolisthesis. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2021;13;1960-1968	12
1875	T. B. B. Cengiz, C.Ozgur, I.Kaya, G.Aytac, E.Kalady, M. F.Steele, S. R.Liska, D.Gorgun, E., Cost-conscious robotic restorative proctectomy has similar economic and oncologic outcomes to open restorative proctectomy: Results of a long-term follow-up study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2331	12
1876	A. P. A. Bayne, J. C.Seideman, C. A., Robotic assisted retrovesical approach to prostatic utricle excision and other complex pelvic pathology in children is safe and feasible. Journal of pediatric urology. 2021;17;710-715	5
1877	M. M. Torrisi, M. G.De Cola, M. C.Zichittella, C.Carmela, C.Porcari, B.la Rosa, G.De Luca, R.Naro, A.Calabro, R. S., Beyond motor recovery after stroke: The role of hand robotic rehabilitation plus virtual reality in improving cognitive function. Journal of Clinical Neuroscience. 2021;92;44881	2
1878	R. E. M. Glasgow, S. J.Pettit, J. C.Young, J.Smith, B. K.Vargo, D. J.Ray, D. M.Finlayson, S. R. G., Value Analysis of Methods of Inguinal Hernia Repair. Annals of Surgery. 2021;274;572-580	8
1879	L. K. Kluis, N.Bai, H.Iyengar, N.Shepherd, R.Diaz-Artiles, A., Reducing Metabolic Cost During Planetary Ambulation Using Robotic Actuation. Aerospace Medicine & Human Performance. 2021;92;570-578	7
1880	M. B. Covas Moschovas, S.Rogers, T.Noel, J.Reddy, S.Patel, V., Da Vinci Single-Port Robotic Radical Prostatectomy. Journal of Endourology. 2021;35;S93-S99	8
1881	J. P. O. M. Joseph, P.Su, L. M., Robot-Assisted Radical Nephroureterectomy. Journal of Endourology. 2021;35;S122-S131	8
1882	H. M. Truong, V.Goh, A. C., Robotic Female Radical Cystectomy. Journal of Endourology. 2021;35;S106-S115	8
1883	M. I. J. Khalil, J. V., Extraperitoneal Single-Port Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2021;35;S100-S105	8
1884	A. B. P. Chen, C. F.Zhang, M.Yip, W.Desai, M., Robotic Intracorporeal Ileal Conduit Urinary Diversion Technique. Journal of Endourology. 2021;35;S116-S121	8
1885	N. C. Thiruchelvam, A. K.Seng, L. L.Potapov, O.Marino, M. V., Robotic-assisted Laparoscopic Liver Resections - Technical Considerations for da Vinci Xi. Chirurgia (Bucuresti). 2021;116;431-437	8
1886	I. Popescu, Editorial. Chirurgia (Bucuresti). 2021;116;385-386	8
1887	Y. C. L. Lee, Y. C.Lin, K. C.Chen, C. L.Wu, Y. H.Kuo, C.Yeh, Y. P.Liu, T. X., Effects of proximal priority and distal priority robotic priming techniques with impairment-oriented training of upper limb functions in patients with chronic stroke: study protocol for a single-blind, randomized controlled trial. Trials [Electronic Resource]. 2021;22;604	8
1888	U. B. Anceschi, A. M.Misuraca, L.Brassetti, A.Tuderti, G.Ferriero, M. C.Mastroianni, R.Simone, G., External validation of patient-measured outcomes for robot-assisted simple prostatectomy: a comparison of different surgical techniques according to BPH6 index. Minerva Urology and Nephrology. 2021;73;557-559	8
1889	R. M. Campi, M.Bertolo, R.Erdem, S.Kara, O.Pavan, N.Amparore, D.E. A. U. Young Academic Urologists Renal Cancer group, Robotic surgery for renal cell carcinoma with inferior vena cava thrombosis: balancing feasibility and safety toward individualized decision-making. Minerva Urology and Nephrology. 2021;73;544-548	8

1890	F. Tummers, J.Driessen, S. R. C.Jansen, F. W.Twijnstra, A. R. H., Decline in surgeon volume after successful implementation of advanced laparoscopic surgery in gynecology: An undesired side effect?. Acta Obstetricia et Gynecologica Scandinavica. 2021;100;2082-2090	5
1891	M. S. Zervos, A.Li, Y.Lee, S. H.Oh, D. S., Clinical and Economic Outcomes of Using Robotic Versus Hand-Held Staplers During Robotic Lobectomy. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2021;16;470-476	3
1892	E. K. Booka, H.Haneda, R.Soneda, W.Kawata, S.Murakami, T.Matsumoto, T.Hiramatsu, Y.Takeuchi, H., Short-term Outcomes of Robot-assisted Minimally Invasive Esophagectomy Compared With Thoracoscopic or Transthoracic Esophagectomy. Anticancer Research. 2021;41;4455-4462	13
1893	D. S. Dlaka, M.Chudy, D.Jerbic, B.Sekoranja, B.Suligoj, F.Vidakovic, J.Almahariq, F.Romic, D.Raguz, M., Clinical application of the RONNA G4 system - preliminary validation of 23 robotic frameless brain biopsies. Croatian Medical Journal. 2021;62;318-327	5
1894	A. K. Z. Emara, G.Klika, A. K.Koroukian, S. M.Schiltz, N. K.Higuera-Rueda, C. A.Molloy, R. M.Piuzzi, N. S., Is there increased value in robotic arm-assisted total hip arthroplasty? : a nationwide outcomes, trends, and projections analysis of 4,699,894 cases. Bone & Joint Journal. 2021;103-B;1488-1496	12
1895	D. V. Langer, M.Kalvach, J.Pazin, J.Ryska, M.Pohnan, R., Robotic-assisted surgery for rectal cancer results of a non-randomized study. Rozhledy V Chirurgii. 2021;100;227-231	6
1896	A. Z. Nikov, P.Ryska, M.Pohnan, R., Minimally invasive pancreatic resection in the light of evidence state of the art. Rozhledy V Chirurgii. 2021;100;213-217	6
1897	S. N. Masroor, A., The learning curve of robotic coronary arterial bypass surgery: A report from the STS database. Journal of Cardiac Surgery. 2021;36;4187-4188	8
1898	M. H. M. Azarsa, A.Hosseini, S. R.Shadmehr, A.Karimi, N., Objective measurement of Inferior-Directed stiffness in glenohumeral joint using a specially designed robotic device in healthy shoulders; Within- and Between-Session reliability. Journal of Biomechanics. 2021;127;110663	2
1899	Y. M. Zhang, S.Stephan, B.Gross, H. M.Notni, G., Point Cloud Hand-Object Segmentation Using Multimodal Imaging with Thermal and Color Data for Safe Robotic Object Handover. Sensors. 2021;21;23	2
1900	P. S. Try, S.Wohle, L.Gebhard, M., Visual Sensor Fusion Based Autonomous Robotic System for Assistive Drinking. Sensors. 2021;21;11	2
1901	G. N. E. Lajko, R.Haidegger, T., Endoscopic Image-Based Skill Assessment in Robot-Assisted Minimally Invasive Surgery. Sensors. 2021;21;10	7
1902	P. V. A. Rivera, E.Kim, T. S., Object Manipulation with an Anthropomorphic Robotic Hand via Deep Reinforcement Learning with a Synergy Space of Natural Hand Poses. Sensors. 2021;21;5	2
1903	A. D. Ingels, S.Bensalah, K.Bigot, P.Paparel, P.Beauval, J. B.Salomon, L.De La Taille, A.Lang, H.Nouhaud, F. X.Batista Da Costa, J.Dariane, C.Baumert, H.Roupret, M.Waeckel, T.Lebacle, C.Long, J. A.Henon, F.Patard, J. J.Doumerc, N.Mejean, A.Videau, M. N.Bernhard, J. C., Postoperative outcomes of elderly patients undergoing partial nephrectomy. Scientific Reports. 2021;11;17201	5
1904	V. N. R. Vakharia, R.Miserocchi, A.McEvoy, A. W.O'Keeffe, A.Granados, A.Shapoori, S.Sparks, R.Ourselin, S.Duncan, J. S., Comparison of robotic and manual implantation of intracerebral electrodes: a single-centre, single-blinded, randomised controlled trial. Scientific Reports. 2021;11;17127	12
1905	J. G. Cao, J.Wang, Y.Guo, X.Gao, X.Lu, X., Clinical efficacy of an enhanced recovery after surgery protocol in patients undergoing robotic-assisted laparoscopic prostatectomy. Journal of International Medical Research. 2021;49;3000605211033170	2

1906	C. C. Silveira Thomas Porto, E., A comparative study of the opinions, experiences and individual innovativeness characteristics of operating room nurses on robotic surgery. Journal of Advanced Nursing. 2021;77;4755-4767	2
1907	M. G. Avanzo, V.Stancanello, J.Blanck, O.Pirrone, G.El Naqa, I.Revelant, A.Sartor, G., Combining computed tomography and biologically effective dose in radiomics and deep learning improves prediction of tumor response to robotic lung stereotactic body radiation therapy. Medical Physics. 2021;48;6257-6269	5
1908	C. A. Esposito, G.Castagnetti, M.Cerulo, M.Coppola, V.Cardone, R.Esposito, G.Borgogni, R.Escolino, M., Robotics and future technical developments in pediatric urology. Seminars in Pediatric Surgery. 2021;30;151082	8
1909	Y. T. Ozdemir, A., Surgical treatment of gastrointestinal tumors in a COVID-19 pandemic hospital: Can open versus minimally invasive surgery be safely performed?. Journal of Surgical Oncology. 2021;124;1217-1223	2
1910	H. K. Iwamoto, Y.Nakagawa, R.Makino, T.Kadomoto, S.Yaegashi, H.Iijima, M.Kawaguchi, S.Nohara, T.Shigehara, K.Izumi, K.Mizokami, A., Examination of Necessity for Pelvic Drain Placement After Robot-assisted Radical Prostatectomy. In Vivo. 2021;35;2895-2899	2
1911	S. R. W. Leyh-Bannurah, C.Schuette, A.Liakos, N.Karagiotis, T.Mendrek, M.Rachubinski, P.Urbanova, K.Oelke, M.Witt, J. H., Improvement of quality of life and symptom burden after robot-assisted radical prostatectomy in patients with moderate to severe LUTS. Scientific Reports. 2021;11;16757	5
1912	J. E. Hiltunen, M. L.Lindgren, A.Keski-Nisula, L.Anttila, M.Sallinen, H., Robotic-assisted laparoscopy is a feasible method for resection of deep infiltrating endometriosis, especially in the rectosigmoid area. Journal of International Medical Research. 2021;49;3000605211032780	13
1913	C. H. B. Park, S. U.Jeong, W. K.Baek, S. K., Early and late clinico-pathologic outcomes of minimally invasive total mesorectal excision for rectal cancer: A propensity score-matched comparison of robotic and laparoscopic approaches. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2324	12
1914	S. A. Anand, S.Jadhav, B. R.Bothara, V. P.Takrouney, M. H.Sandlas, G., An Audit of Robot-Assisted Minimally Invasive Surgeries in Children: Early Experience from a Tertiary Care Center in India. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;1337-1340	5
1915	A. B. M. Hoffman, A. A.Towle-Miller, L. M.Karim, S. A.Train, A. T.Burstein, M.Schwaitzberg, S. D.Noyes, K., The Early (2009-2017) Experience With Robot-assisted Cholecystectomy in New York State. Annals of Surgery. 2021;274;e245-e252	12
1916	Q. D. Li, Z.Yu, H., Precise laminae segmentation based on neural network for robot-assisted decompressive laminectomy. Computer Methods & Programs in Biomedicine. 2021;209;106333	8
1917	Z. A. Jiryaei, A. A.Bani, M. A.Vahedi, M.Jafarpisheh, A. S.Razfar, N., Development and feasibility of a soft pneumatic-robotic glove to assist impaired hand function in quadriplegia patients: A pilot study. Journal of Bodywork & Movement Therapies. 2021;27;731-736	2
1918	L. T. Lei, H.Zhang, J.Wu, Y.Zhao, B.Hu, Y.Li, B., Automatic registration and precise tumour localization method for robot-assisted puncture procedure under inconsistent breath-holding conditions. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2319	7
1919	C. F. Zhou, Z.Zhao, C.Mai, X.Emami, S.Taha, A. Y.Sun, G.Pan, T., Sample-to-Answer Robotic ELISA. Analytical Chemistry. 2021;93;11424-11432	2
1920	G. C. Ning, J.Zhang, X.Liao, H., Force-guided autonomous robotic ultrasound scanning control method for soft uncertain environment. International Journal of Computer Assisted Radiology & Surgery. 2021;16;2189-2199	7

1921	N. P. Alan, A.Abou-Al-Shaar, H.Agarwal, N.Zenonos, G. A.Jankowitz, B. T.Gross, B. A., Intraparenchymal hematoma and intraventricular catheter placement using robotic stereotactic assistance (ROSA): A single center preliminary experience. Journal of Clinical Neuroscience. 2021;91;391-395	5
1922	J. S. P.-N. Ortiz, G.Andaluz, V. H.Guevara, B. S., Virtual Reality-Based Framework to Simulate Control Algorithms for Robotic Assistance and Rehabilitation Tasks through a Standing Wheelchair. Sensors. 2021;21;27	2
1923	T. L. Huang, R.Li, Y.Zhang, X.Liao, H., Augmented reality-based autostereoscopic surgical visualization system for telesurgery. International Journal of Computer Assisted Radiology & Surgery. 2021;16;1985-1997	2
1924	F. C. Kanji, T.Alfred, M.Caron, A.Lawton, S.Savage, S.Shouhed, D.Anger, J. T.Catchpole, K., Room Size Influences Flow in Robotic-Assisted Surgery. International Journal of Environmental Research & Public Health [Electronic Resource]. 2021;18;28	2
1925	L. S. P. Solimeno, Y. M.Lim, J. Y.Koh, Y. W.Kim, S. H., Treatment outcomes of neoadjuvant chemotherapy and transoral robotic surgery in locoregionally advanced laryngopharyngeal carcinoma. Head & Neck. 2021;43;3429-3436	5
1926	J. R. S. Hamilton, E. C.Tsuchida, C. A.Lin-Shiao, E.Tsui, C. K.Pestal, K.Gildea, H. K.Witkowsky, L. B.Moehle, E. A.McDevitt, S. L.McElroy, M.Keller, A.Sylvain, I.Hirsh, A.Ciling, A.Ehrenberg, A. J.Ringeisen, B. R.Huberty, G.Urnov, F. D.Giannikopoulos, P.Doudna, J. A.Igi Sars- CoV-2 Consortium, Robotic RNA extraction for SARS-CoV-2 surveillance using saliva samples. PLoS ONE [Electronic Resource]. 2021;16;e0255690	2
1927	F. W. Yan, S., TSM-Based Adaptive Fuzzy Control of Robotic Manipulators with Output Constraints. Computational Intelligence & Neuroscience. 2021;2021;5812584	2
1928	B. C. S. Conner, M. H.Lerner, Z. F., Pilot evaluation of changes in motor control after wearable robotic resistance training in children with cerebral palsy. Journal of Biomechanics. 2021;126;110601	2
1929	M. K. D.-K. Montes de Oca, S. K.Kuller, J. A.Previs, R. A., Adnexal Masses in Pregnancy. Obstetrical & Gynecological Survey. 2021;76;437-450	8
1930	M. G.-H. Korsholm, D.Mogensen, O.Moller, S.Joergensen, S. L.Jensen, P. T., Post robotic investment: Cost consequences and impact on length of stay for obese women with endometrial cancer. Acta Obstetricia et Gynecologica Scandinavica. 2021;100;1830-1839	5
1931	C. K. L. Roh, S.Son, S. Y.Hur, H.Han, S. U., Textbook outcome and survival of robotic versus laparoscopic total gastrectomy for gastric cancer: a propensity score matched cohort study. Scientific Reports. 2021;11;15394	12
1932	S. Y. Morizane, T.Makishima, K.Tsounapi, P.Iwamoto, H.Hikita, K.Honda, M.Umekita, Y.Takenaka, A., Impact of positive surgical margin status in predicting early biochemical recurrence after robot-assisted radical prostatectomy. International Journal of Clinical Oncology. 2021;26;1961-1967	5
1933	H. Y. Ito, S.Toyonaga, Y.Yamashita, H.Ohori, M.Isaka, K., Single assistant versus dual assistant robotic surgery for robot-assisted laparoscopic hysterectomy using da Vinci Xi or X. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2315	3
1934	Y. S. Zhou, H.Huang, Y.Deng, W.Yang, D.Bian, T., Does robotic assisted technology improve the accuracy of acetabular component positioning in patients with DDH?. Journal of Orthopaedic Surgery. 2021;29;23094990211025300	5
1935	A. J. Acuna, J. M.Deneke, N.Rothenberger, S. M.Libring, S.Solorio, L.Rayz, V. L.Davis, C. S.Calve, S., Design and validation of a modular micro-robotic system for the mechanical characterization of soft tissues. Acta Biomaterialia. 2021;134;466-476	7

1936	D. C.-d.-l.-C. Fernandez-Vazquez, R.Gor-Garcia-Fogeda, M. D.Molina-Rueda, F., Wearable Robotic Gait Training in Persons with Multiple Sclerosis: A Satisfaction Study. Sensors. 2021;21;20	2
1937	C. P. McFerrin, J. E.Pilet, H.Frilot, C. F.Gomelsky, A., Abdominal versus robotic sacral colpopexy: A detailed analysis of outcomes. Neurourology & Urodynamics. 2021;40;1811-1819	5
1938	I. N. L. Mavridis, W. B.Wimalachandra, W. S. B.Philip, S.Agrawal, S.Scott, C.Martin-Lamb, D.Carr, B.Bill, P.Lawley, A.Seri, S.Walsh, A. R., Pediatric stereo-electroencephalography: effects of robot assistance and other variables on seizure outcome and complications. Journal of Neurosurgery. Pediatrics.. 2021;28;404-415	5
1939	F. D. Zambianchi, V.Negri, A.Franceschi, G.Schiavon, G.Catani, F., Preoperative Osteoarthritic Grade Affects Forgotten Joint Status and Patient Acceptable Symptom State After Robotic Arm-Assisted Unicompartmental Knee Arthroplasty. Journal of Arthroplasty. 2021;36;3650-3655	5
1940	H. D. Khan, K.Mahapatra, P.Popat, R.Zakieh, O.Kim, W. J.Nathwani, D., Blood loss and transfusion risk in robotic-assisted knee arthroplasty: A retrospective analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2308	12
1941	J. H. Lee, W.Hur, P., Continuous Gait Phase Estimation Using LSTM for Robotic Transfemoral Prosthesis Across Walking Speeds. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2021;29;1470-1477	2
1942	C. L. L. Blum, E.Hussein, A.Wakelin, E. A.Plaskos, C.Koenig, J. A., Patient expectations and satisfaction in robotic-assisted total knee arthroplasty: a prospective two-year outcome study. Archives of Orthopaedic & Trauma Surgery. 2021;141;2155-2164	5
1943	K. K. Yoshida, E.Nimura, R.Maki, S.Kaneda, M.Nii, M.Ikeda, T., Laparoscopic Versus Robotic Hysterectomy in Obese Patients With Early-stage Endometrial Cancer: A Single-centre Analysis. Anticancer Research. 2021;41;4163-4167	13
1944	N. H. Wakita, N.Suzuki, K.Bando, Y.Okamura, Y.Hara, T.Terakawa, T.Furukawa, J.Harada, K.Fujisawa, M., Comparison of robot-assisted partial nephrectomy for complex (RENAL scores >=10) and non-complex renal tumors: A single-center experience. International Journal of Urology. 2021;28;1054-1059	3
1945	K. M. K. Janssen, A. J., Outcomes of complex robot-assisted laparoscopic ureteral reimplantation after failed ipsilateral endoscopic treatment of vesicoureteral reflux. Journal of pediatric urology. 2021;17;547.e1-547.e6	5
1946	I. P. Ose, S. K., A nationwide comparison of short-term outcomes after transanal, open, laparoscopic, and robot-assisted total mesorectal excision. Colorectal Disease. 2021;23;2671-2680	12
1947	N. Y. K. Kim, K. J.Kim, T. L.Shin, H. J.Oh, C.Lee, M. H.Min, J. Y.Kim, S. Y., Prediction of hypotension after postural change in robot-assisted laparoscopic prostatectomy using esophageal Doppler monitoring: a prospective observational trial. Scientific Reports. 2021;11;14589	5
1948	K. M. B. N. Chen, J.Reshetov, I. V.Nikolenko, V. N.Sinelnikov, M. Y.Mikhaleva, L. M., Efficacy of da Vinci robot-assisted lymph node surgery than conventional axillary lymph node dissection in breast cancer - A comparative study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2307	12
1949	C. D.-T. Vasquez-Lastra, C.Maffuz-Aziz, A.Alfaro-Alfaro, J.Huante-Perez, J. A.Wolpert-Barraza, E.Sanchez-Marle, L. F.Gutierrez-Hernandez, A., Robotic surgery at ABC Medical Center: first 500 procedures experience. Gaceta Medica de Mexico. 2021;157;181-186	5

1950	M. A. M. Machado, B. V.Lobo Filho, M. M.Makdissi, F., Mesopancreas Excision and Triangle Operation During Robotic Pancreatoduodenectomy. Annals of Surgical Oncology. 2021;28;8330-8334	8
1951	Y. M. R. d. C. Rodrigues Martins, P.Drummond Lage, A. P.Alves Wainstein, A. J.de Vasconcellos Santos, F. A., Robotic surgery costs: Revealing the real villains. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2311	8
1952	F. B. Liedberg, J., Urinary diversions for benign and oncologic indications: what did we learn about short term complications in the last 24 months?. Current Opinion in Urology. 2021;31;556-561	8
1953	T. D. S. Luna, V.Omofuma, I.Khan, M. I.Agrawal, S. K., Postural Control Strategies in Standing With Handrail Support and Active Assistance From Robotic Upright Stand Trainer (RobUST). IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2021;29;1424-1431	2
1954	G. Z. Romano, C. C.Ceccarelli, I.Guida, M.Davini, F.Maestri, M.Morganti, R.Ricciardi, R.Hung Key, T.Melfi, F., Robotic thymectomy for thymoma in patients with myasthenia gravis: neurological and oncological outcomes. European Journal of Cardio-Thoracic Surgery. 2021;60;890-895	5
1955	A. H. Satchidanand, J.Bisantz, A.Aldhaam, N.Elsayed, A.Carr, I.Hussein, A. A.Guru, K., Put the what, where? Cut here?! challenges to coordinating attention in robot-assisted surgery: a microanalytic pilot study. BMJ Open. 2021;11;e046132	8
1956	N. I. Motono, M.Iwai, S.Iijima, Y.Usuda, K.Uramoto, H., Individualization of risk factors for postoperative complication after lung cancer surgery: a retrospective study. BMC Surgery. 2021;21;311	5
1957	C. L. Tschuor, W. B.Passeri, M.Salibi, P. N.Baimas-George, M.Iannitti, D. A.Baker, E. H.Vrochides, D.Martinie, J. B., Robotic-assisted completion cholecystectomy: A safe and effective approach to a challenging surgical scenario - A single center retrospective cohort study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2312	5
1958	D. A. Shabir, N.Padhan, J.Trinh, M.Balakrishnan, S.Kurer, M.Ali, O.Al-Ansari, A.Yaacoub, E.Deng, Z.Erbad, A.Mohammed, A.Navkar, N. V., Towards development of a tele-mentoring framework for minimally invasive surgeries. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2305	2
1959	S. Y. C. Yang, M. S.Kim, N. K., Outcomes of robotic partial excision of the levator ani muscle for locally advanced low rectal cancer invading the ipsilateral pelvic floor at the anorectal ring level. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2310	5
1960	F. B. Zambianchi, G.Marcovigi, A.Pavesi, M.Illuminati, A.Ensini, A.Catani, F., Joint line is restored in robotic-arm-assisted total knee arthroplasty performed with a tibia-based functional alignment. Archives of Orthopaedic & Trauma Surgery. 2021;141;2175-2184	5
1961	P. Z. Li, H.Cao, H.Xu, B.Guo, T.Zhu, W.Zhao, Y.Zhuo, R.Ma, L.Zhou, X.Tao, T.Feng, Z., Robot-Assisted Laparoscopic Management of Bladder/Prostate Rhabdomyosarcoma in Children: Initial Series and 1-Year Outcomes. Journal of Endourology. 2021;35;1520-1525	5
1962	C. W. W. Yang, H. H.Hassouna, M. F.Chand, M.Huang, W. J. S.Chung, H. J., Prediction of a positive surgical margin and biochemical recurrence after robot-assisted radical prostatectomy. Scientific Reports. 2021;11;14329	5
1963	M. T. M. Hey, M. M.Rico, S.Calisto, J.Alkhoury, F., Initial Experience with Robotic Inguinal Hernia Repair in the Adolescent Population. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;1346-1350	5

1964	E. V. Young, R.Bulamu, N. B.Raju, D. P.McDonald, C. R., Outsourcing robotic-assisted operations to private hospitals: cost analysis of a retrospective cohort. ANZ Journal of Surgery. 2021;91;2352-2359	4
1965	K. R. Luberice, S.Crespo, K.De La Cruz, C.Dolce, J. K.Sucandy, I.Rosemurgy, A. S., Robotic Complex Fundoplication in Patients at High-Risk to Fail. Journal of the Society of Laparoendoscopic Surgeons. 2021;25;Apr-Jun	5
1966	M. M. Anvari, B.Barlow, K., From telementorship to automation. Journal of Surgical Oncology. 2021;124;246-249	8
1967	T. K. Tokunaga, H.Higashijima, J.Yoshikawa, K.Nishi, M.Takasu, C.Eto, S.Yoshimoto, T.Shimada, M., A Transabdominal Robotic Purse-String Suture Technique for Transanal Total Mesorectal Excision. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;937-941	5
1968	B. H. Kinny-Koster, J. R.Javed, A. A.Shoucair, S.van Oosten, A. F.Fishman, E. K.Lafaro, K. J.Wolfgang, C. L.Hackert, T.He, J., Technical progress in robotic pancreatoduodenectomy: TRIANGLE and periadventitial dissection for retropancreatic nerve plexus resection. Langenbecks Archives of Surgery. 2021;406;2527-2534	8
1969	A. C. Cowan, J.Mingo, S.Reddy, S. S.Ma, R.Marshall, S.Nguyen, J. H.Hung, A. J., Virtual Reality vs Dry Laboratory Models: Comparing Automated Performance Metrics and Cognitive Workload During Robotic Simulation Training. Journal of Endourology. 2021;35;1571-1576	2
1970	A. C. v. G. Bakenecker, A.Schwenke, H.Behrends, A.Friedrich, T.Ludtke-Buzug, K.Neumann, A.Barkhausen, J.Wegner, F.Buzug, T. M., Navigation of a magnetic micro-robot through a cerebral aneurysm phantom with magnetic particle imaging. Scientific Reports. 2021;11;14082	7
1971	S. W. A. Wong, Z. H.Chua, J. L.Crowe, P., Ergonomic port placement in robotic colorectal surgery. Colorectal Disease. 2021;23;2593-2603	5
1972	A. K. Zelias, A. A.Proniewska, K.Zlahoda-Huzior, A.Ruggiero, R.Chandra, K.Giannini, F.Dudek, D., Percutaneous coronary intervention of a tortuous and complex circumflex lesion using the robotic CorPath GRX system. Kardiologia Polska. 2021;79;1044-1045	8
1973	C. B. Simmonds, M.Lenihan, J., Evaluation of a novel universal robotic surgery virtual reality simulation proficiency index that will allow comparisons of users across any virtual reality simulation curriculum. Surgical Endoscopy. 2021;35;5867-5875	2
1974	S. A. Knitter, A.Hofmann, T.Chopra, S.Denecke, C.Thuss-Patience, P. C.Kroll, D.Bahra, M.Schmelzle, M.Pratschke, J.Biebl, M., Minimally Invasive Versus Open Ivor-Lewis Esophagectomy for Esophageal Cancer or Cancer of the Gastroesophageal Junction: Comparison of Postoperative Outcomes and Long-term Survival Using Propensity Score Matching Analysis. Anticancer Research. 2021;41;3499-3510	2
1975	S. Z. Xie, Z.Feng, B.Zhang, S.Zhang, G.Li, X.Guo, H.Yang, R., A comparative study of perioperative and survival outcomes of robot-assisted radical cystectomy in patients over 80 and under 80 years old. World Journal of Surgical Oncology. 2021;19;202	3
1976	S. S. Atallah, A.Bianchi, E.Larach, S. W., Envisioning the future of colorectal surgery: preclinical assessment and detailed description of an endoluminal robotic system (ColubrisMX ELS). Techniques in Coloproctology. 2021;25;1199-1207	7
1977	C. C. Li, P.Xu, X.Wang, X.Yin, A., A Coarse-to-Fine Method for Estimating the Axis Pose Based on 3D Point Clouds in Robotic Cylindrical Shaft-in-Hole Assembly. Sensors. 2021;21;12	2
1978	O. A. F. Hopland, S. D.Ottosson, F.Brennhovd, B.Svindland, A.Hole, K. H.Hernes, E.Eri, L. M.Diep, L. M.Berge, V., Robotic salvage pelvic lymph node dissection for locoregional recurrence after radical prostatectomy: a single institution experience. Scandinavian Journal of Urology. 2021;55;287-292	5

1979	E. F.-C. Sandoval, A.Garcia, T. A.Pereda, D., Robotic resection of an aortic valve fibroelastoma using a right lateral approach. Journal of Cardiac Surgery. 2021;36;3857-3859	5
1980	A. K. Amabile, C. M.Sloane Guy, T., Showcasing the lateral approach for robotic aortic and mitral valve surgery: Does one approach fit it all?. Journal of Cardiac Surgery. 2021;36;3860-3861	8
1981	K. J. M. Kowalczyk, R. H.Eden, C. G.Sooriakumaran, P.Fransis, K.Raskin, Y.Joniau, S.Johnson, S.Jacobsohn, K.Galfano, A.Bocciardi, A. M.Hwang, J.Kim, I. Y.Hu, J. C., Comparative Outcomes of Salvage Retzius-Sparing versus Standard Robotic Prostatectomy: An International, Multi-Surgeon Series. Journal of Urology. 2021;206;1184-1191	3
1982	C. L. Zhang, Y.Zhang, Y.Li, H., A hybrid feature-based patient-to-image registration method for robot-assisted long bone osteotomy. International Journal of Computer Assisted Radiology & Surgery. 2021;16;1507-1516	7
1983	X. J. Kong, Y.Dou, Q.Wang, Z.Wang, Z.Lu, B.Dong, E.Liu, Y. H.Sun, D., Accurate instance segmentation of surgical instruments in robotic surgery: model refinement and cross-dataset evaluation. International Journal of Computer Assisted Radiology & Surgery. 2021;16;1607-1614	7
1984	P. S.-R. Rekawek, T.Glickman, R., Robotic Assisted Drilling Systems and Prosthetically-Driven Implant Rehabilitation: The Present and Future?. Journal of Oral & Maxillofacial Surgery. 2021;79;2183-2185	8
1985	L. S. Sun, D.Tan, E. X.Swisher-Mcclure, S.Lin, A.Lukens, J. N.Basu, D.Chalian, A. A.Cannady, S. B.Newman, J. G.Rajasekaran, K.O'Malley, B. W., Jr.Rassekh, C. H.Weinstein, G. S.Loevner, L. A.Aggarwal, C.Singh, A.Cohen, R. B.Bauml, J. M.Brody, R. M., Survival and toxicity in patients with human papilloma virus-associated oropharyngeal squamous cell cancer receiving trimodality therapy including transoral robotic surgery. Head & Neck. 2021;43;3053-3061	5
1986	R. S. S. Doddamani, R.Subianto, H.Ramanujam, B.Tripathi, M.Chandra, P. S., Robotic-Guided Stereoelectroencephalography for Refractory Epilepsy: Technique and Nuances. Neurology India. 2021;69;587-591	5
1987	S. G. Kandregula, B., Robotic Stereotactic EEG. Neurology India. 2021;69;543-544	2
1988	Z. E. Giffen, A.Ekwenna, O., Robotic stapler use: Is it safe?-FDA database analysis across multiple surgical specialties. PLoS ONE [Electronic Resource]. 2021;16;e0253548	2
1989	H. S. H. Tilney, J. R.Nizar, A. S.Smith, R.Gudgeon, A. M., Minimal access rectal cancer surgery: an observational study of patient outcomes from a district general hospital with over a decade of experience with robotic rectal cancer surgery. Colorectal Disease. 2021;23;1961-1970	5
1990	A. H. L. Mendelsohn, G., Single-port transoral robotic surgery hypopharyngectomy. Head & Neck. 2021;43;3234-3237	8
1991	S. H. K. Song, H. J.Choi, G. S.Park, J. S.Park, S. Y.Lee, S. M.Choi, J. A., Initial experience with a suprapubic single-port robotic right hemicolectomy in patients with colon cancer. Techniques in Coloproctology. 2021;25;1065-1071	5
1992	L. G. Santos, A.Schydlo, P.Olivieri, I.Santos-Victor, J.Pedrocchi, A., Design of a Robotic Coach for Motor, Social and Cognitive Skills Training Toward Applications With ASD Children. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2021;29;1223-1232	2
1993	S. C. Senay, O.Bastopcu, M.Gullu, A. U.Kocyigit, M.Alhan, C., Robotic mitral valve operations can be safely performed in obese patients. Journal of Cardiac Surgery. 2021;36;3126-3130	5

1994	L. D. Feng, J.Wang, K.Huang, L.Xiao, G., Efficient fabrication of highly sensitive AgNPs-drawing paper SERS substrates by robotic writing approach. Spectrochimica Acta. Part A, Molecular & Biomolecular Spectroscopy. 2021;261;120064	2
1995	H. T. Iqbal, F.Rodriguez, Y. Baena F., Augmented reality in robotic assisted orthopaedic surgery: A pilot study. Journal of Biomedical Informatics. 2021;120;103841	5
1996	S. G. Levy, S. N.Roth, I.Shochat, M.Sosna, J.Leichter, I.Flacke, S., Clinical evaluation of a robotic system for precise CT-guided percutaneous procedures. Abdominal Radiology. 2021;46;5007-5016	7
1997	T. M.-N. Kurmann, P.Allan, M.Wolf, S.Sznitman, R., Mask then classify: multi-instance segmentation for surgical instruments. International Journal of Computer Assisted Radiology & Surgery. 2021;16;1227-1236	2
1998	U. E. Iqbal, A. S.Jing, Z.Stockle, M.Wijburg, C.Wiklund, P.Hosseini, A.Dasgupta, P.Khan, M. S.Hemal, A.Kim, E.Wagner, A. A.Gaboardi, F.Rha, K. H.Maatman, T. J.Balbay, D.Li, Q.Hussein, A. A.Guru, K. A., Upstaging and Survival Outcomes for Non-Muscle Invasive Bladder Cancer After Radical Cystectomy: Results from the International Robotic Cystectomy Consortium. Journal of Endourology. 2021;35;1541-1547	5
1999	R. A. P. Godtman, E.Cazzaniga, W.Sandin, F.Carlsson, S.Ahlgren, G.Johansson, E.Robinsson, D.Hugosson, J.Stattin, P., Association of surgeon and hospital volume with short-term outcomes after robot-assisted radical prostatectomy: Nationwide, population-based study. PLoS ONE [Electronic Resource]. 2021;16;e0253081	5
2000	M. A. Nakamura, Y.Teshima, T.Shirakawa, N.Inatsu, H.Amakawa, R.Inoue, Y.Yoshimatsu, T.Imai, S.Kusakabe, M.Morikawa, T.Kameyama, S.Shiga, Y., Assessment of surgical outcomes of off-clamp open partial nephrectomy without renorrhaphy for >=T1b renal tumours. International Journal of Clinical Oncology. 2021;26;1955-1960	2
2001	F. F. Barros, V. B.Tabet, A. C. L.Cerbone, A. C. C., Training in robotic surgery: initial experience using the Brazilian College of Surgeons model. Revista do Colegio Brasileiro de Cirurgioes. 2021;48;e20202969	2
2002	F. G. Gaino, P.Vander Poorten, V.Holsinger, F. C.Lira, R. B.Duvvuri, U.Garrel, R.Van Der Vorst, S.Cristalli, G.Ferreli, F.De Virgilio, A.Giannitto, C.Morenghi, E.Colombo, G.Malvezzi, L.Spriano, G.Mercante, G., Preoperative predictors of difficult oropharyngeal exposure for transoral robotic surgery: The Pharyngoscore. Head & Neck. 2021;43;3010-3021	2
2003	M. J. Nardini, S.Migliore, M.Nosotti, M.Paul, I.Dunning, J., Minimally Invasive Plication of the Diaphragm: A Single-Center Prospective Study. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2021;16;343-349	5
2004	R. C. Ungai-Salanki, B.Gerecsei, T.Peter, B.Horvath, R.Szabo, B., Nanonewton scale adhesion force measurements on biotinylated microbeads with a robotic micropipette. Journal of Colloid & Interface Science. 2021;602;291-299	2
2005	C. C. Park, C.Mehta, V. A.Wang, T. Y.Than, K. D.Karikari, I. O.Goodwin, C. R.Abd-El-Barr, M. M., Robotic-assisted percutaneous iliac screw fixation for destructive lumbosacral metastatic lesions: an early single-institution experience. Acta Neurochirurgica. 2021;163;2983-2990	5
2006	E. S. Massaad, G. M.Shin, J. H., Novel Applications of Spinal Navigation in Deformity and Oncology Surgery-Beyond Screw Placement. Operative Neurosurgery. 2021;21;S23-S38	8
2007	Z. M. Pennington, C. D.Uribe, J. S., Commentary: Present and Future Spinal Robotic and Enabling Technologies. Operative Neurosurgery. 2021;21;S57-S58	8

2008	K. G. F. Sands, R. S.Vetter, J.Paradis, A.Pierce, A.Kim, E. H.Du, K.Chow, A.Venkatesh, R., Contemporary Pure Laparoscopic vs Robot-Assisted Laparoscopic Radical Nephrectomy: Is the Transition Worth It?. Journal of Endourology. 2021;35;1526-1532	13
2009	R. G. Riepl, J.Schild, L. R.Bohm, F.Goldberg-Bockhorn, E.Hoffmann, T. K.Schuler, P. J., Application of a new computer-assisted robotic visualization system in cochlear implantation-Proof of concept. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2301	7
2010	C. G. B. Larkins, A. W.Aman, Z. S.Dornan, G. J.Haytmanek, C. T.Clanton, T. O., Evaluation of the Intact Anterior Talofibular and Calcaneofibular Ligaments, Injuries, and Repairs With and Without Augmentation: A Biomechanical Robotic Study. American Journal of Sports Medicine. 2021;49;2432-2438	7
2011	Z. Z. Li, X.Ding, L.Du, K.Yan, J.Chan, M. T. V.Wu, W. K. K.Li, S., Deep learning approach for guiding three-dimensional computed tomography reconstruction of lower limbs for robotically-assisted total knee arthroplasty. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2300	2
2012	H. L. Chen, F.Zou, S.Xie, J.Zhang, J.Deng, X.Chen, H.Shen, B., Preoperative plasma D-dimer independently predicts survival in patients with pancreatic ductal adenocarcinoma undergoing radical resection. World Journal of Surgical Oncology. 2021;19;166	2
2013	B. L. Cha, K. H.Ryu, J., Deep-Learning-Based Emergency Stop Prediction for Robotic Lower-Limb Rehabilitation Training Systems. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2021;29;1120-1128	2
2014	P. R. Punyawai, N.Dhanachai, M.Kobkitsuksakul, C.Hansasuta, A., Long-term outcomes of 170 brain arteriovenous malformations treated by frameless image-guided robotic stereotactic radiosurgery: Ramathibodi hospital experience. Medicine. 2021;100;e25752	5
2015	A. G. Antoniou, M.Evripidou, N.Evripidou, G.Spanoudes, K.Menikou, G.Damianou, C., Robotic system for magnetic resonance guided focused ultrasound ablation of abdominal cancer. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2299	2
2016	H. S. W. Parhar, G. S.O'Malley, B. W., Jr.Shimunov, D.Rassekh, C. H.Chalian, A. A.Newman, J. G.Basu, D.Cannady, S. B.Rajasekaran, K.Lin, A.Lukens, J. N.Swisher-McClure, S.Cohen, R. B.Bauml, J. M.Aggrawal, C.Brody, R. M., Oncologic outcomes of transoral robotic surgery for HPV-negative oropharyngeal carcinomas. Head & Neck. 2021;43;2923-2934	2
2017	A. K. Ezzat, A.Holt, J.Thakkar, R.Darzi, A.Mylonas, G., An eye-tracking based robotic scrub nurse: proof of concept. Surgical Endoscopy. 2021;35;5381-5391	2
2018	M. T. F. G. Gomez Hernandez, M.Novoa Valentin, N.Rodriguez Alvarado, I.Jimenez Lopez, M. F., Robotic anatomical lung resections: Analysis of the learning curve. Cirugia Espanola. 2021;99;421-427	5
2019	Y. W. Wang, G.Li, Z.Ling, H.Yi, B.Zhu, S., Comparison of the operative outcomes and learning curves between laparoscopic and "Micro Hand S" robot-assisted total mesorectal excision for rectal cancer: a retrospective study. BMC Gastroenterology. 2021;21;251	12
2020	U. B. Carbonara, B.Cisu, T.Crocerossa, F.Guruli, G.Grob, M. B.Roseman, J. T.Hampton, L. J.Autorino, R., Robot-Assisted Ureteral Reimplantation: A Single-Center Comparative Study. Journal of Endourology. 2021;35;1504-1511	12
2021	J. Y. K. Cheong, J.Kim, S. H., How to do robotic low anterior resection using Da Vinci-Xi system: addressing the ergonomics dilemma. ANZ Journal of Surgery. 2021;91;2518-2520	8
2022	J. E. S. Sulek, J. E.Bahler, C. D.Jacobsen, M. H.Sundaram, A.Shum, C. F.Sandusky, G. E.Low, P. S.Sundaram, C. P., Folate-targeted intraoperative fluorescence, OTL38, in robotic-assisted laparoscopic partial nephrectomy. Scandinavian Journal of Urology. 2021;55;331-336	2

2023	Y. K. Yokoyama, T.Malik, A.Briasoulis, A., Outcomes of robotic coronary artery bypass versus nonrobotic coronary artery bypass. Journal of Cardiac Surgery. 2021;36;3187-3192	13
2024	J. Y. K. You, H.Park, D. W.Yang, H. W.Dionigi, G.Tufano, R. P., Prevention of transoral thyroidectomy complications: An analysis of surgical outcomes in 423 consecutive series. Surgery. 2021;170;1155-1159	5
2025	S. C. Vergez, M.Chabrillac, E., Transoral robotic removal of submandibular sialolith combined with sialendoscopic assistance. European annals of otorhinolaryngology, head & neck diseases. 2021;138 Suppl 2;65-66	5
2026	P. L. Almeida, Jr.Lima, L. M. A.Almeida, L. F., A 3D-printed robotic system for fully automated multiparameter analysis of drinkable water samples. Analytica Chimica Acta. 2021;1169;338491	2
2027	G. R. Dionigi, M.Bellantone, R.De Crea, C.Ambrosini, C. E.Miccoli, P.Materazzi, G.Ieni, A.Caruso, E.Zhang, D.Dralle, H., Analysis and outcomes of wrong site thyroid surgery. BMC Surgery. 2021;21;281	5
2028	S. D. R. Lee, B.McCracken, E. K. E.Cantrell, L. A.Kharwat, B.Demirag, A.Agarwal, A.Brayman, K. L.Pelletier, S. J.Goldaracena, N.Fox, E.Oberholzer, J., Robot-assisted kidney transplantation is a safe alternative approach for morbidly obese patients with end-stage renal disease. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2293	5
2029	C. E. A. Y. Barbon, CmklAlvarez, C. P.Goepfert, R. P.Fuller, C. D.Lai, S. Y.Gross, N. D.Hutcheson, K. A., Dysphagia profiles after primary transoral robotic surgery or radiation for oropharyngeal cancer: A registry analysis. Head & Neck. 2021;43;2883-2895	3
2030	J. W. Robinson, M.Baimas-George, M.Iannitti, D.Martinie, J.Vrochides, D., Objective evaluation of technical dexterity in robotic hepaticojejunostomy: Assessment of hepatopancreatobiliary fellows using cumulative sum analytics. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2294	7
2031	Q. N. Feng, S. S. M.Zhang, Z.Lin, S.Niu, Z.Wei, Y.He, G.Chang, W.Zhu, D.Xu, J., Comparison between robotic natural orifice specimen extraction surgery and traditional laparoscopic low anterior resection for middle and low rectal cancer: A propensity score matching analysis. Journal of Surgical Oncology. 2021;124;607-618	12
2032	N. K. Dohrn, M. F.Gogenur, I., Robotic versus laparoscopic right colectomy for colon cancer: a nationwide cohort study. International Journal of Colorectal Disease. 2021;36;2147-2158	12
2033	R. M. B. Carey, R. M.Shimunov, D.Shinn, J. R.Mady, L. J.Rajasekaran, K.Cannady, S. B.Lin, A.Lukens, J. N.Bauml, J. M.Cohen, R. B.Basu, D.O'Malley, B. W., Jr.Weinstein, G. S.Newman, J. G., Locoregional Recurrence in p16-Positive Oropharyngeal Squamous Cell Carcinoma After TORS. Laryngoscope. 2021;131;E2865-E2873	5
2034	P. M. H. Pego-Fernandes, F. J.Imaeda, C. J.Sandrini, M., The role of the surgeon in treating patients with lung cancer. An updating article. Sao Paulo Medical Journal = Revista Paulista de Medicina. 2021;139;293-300	2
2035	M. D. Banger, J.Rowe, P.Jones, B.MacLean, A.Blyth, M. J. B., Robotic arm-assisted versus conventional medial unicompartmental knee arthroplasty: five-year clinical outcomes of a randomized controlled trial. Bone & Joint Journal. 2021;103-B;1088-1095	12

2036	R. T. Xia, Z.Hu, Y.Kong, K.Wu, X.Li, H., Skywalker' surgical robot for total knee arthroplasty: An experimental sawbone study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2292	7
2037	W. L. Wang, Q.Zhao, Z.Tan, X.Zhao, G.Liu, R., Robotic versus open total pancreatectomy: a retrospective cohort study. Langenbecks Archives of Surgery. 2021;406;2325-2332	12
2038	C. P. Uwins, H.Prakash Bhandoria, G.Butler-Manuel, S.Tailor, A.Ellis, P.Chatterjee, J., Laparoscopic and Robotic Surgery for Endometrial and Cervical Cancer. Clinical Oncology (Royal College of Radiologists). 2021;33;e372-e382	8
2039	D. G. R. Deckey, C. S.Verhey, J. T.Brinkman, J. C.Mayfield, C. K.Clarke, H. D.Bingham, J. S., Robotic-assisted total knee arthroplasty improves accuracy and precision compared to conventional techniques. Bone & Joint Journal. 2021;103-B;74-80	12
2040	H. J. C. Kim, G. S.Song, S. H.Park, J. S.Park, S. Y.Lee, S. M.Choi, J. A., An initial experience with a novel technique of single-port robotic resection for rectal cancer. Techniques in Coloproctology. 2021;25;857-864	5
2041	A. T. D. Malik, J. P.Jones, J.Karnes, J.Brewster, J.Ryu, R.Singh, V.Kim, J.Khan, S. N.Yu, E., Robotic-Assisted Versus Conventional Posterior Lumbar Fusion-An Analysis of 90-Day Complications and Readmissions. World Neurosurgery. 2021;152;e168-e174	12
2042	C. R. P. Wagner, T.Roux, S.Corrigan, J. P., Future Directions in Robotic Neurosurgery. Operative Neurosurgery. 2021;21;173-180	8
2043	P. B. Sparwasser, M. P.Haack, M.Dotzauer, R.Boehm, K.Gheith, M. K.Mager, R.Jager, W.Ziebart, A.Hofner, T.Tsaur, I.Haferkamp, A.Borgmann, H., Robotic surgery can be safely performed for patients and healthcare workers during COVID-19 pandemic. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2291	5
2044	J. W. Li, Z.Zeng, L.Liu, Z.Hu, W.Yu, M., Application and Evaluation of an Independent Robotic Arm System in K-wire Placement for Lumbar Fusion. Clinical Spine Surgery : A Spine Publication. 2021;34;E466-E476	12
2045	C. R. Gunadi, H., Does the rise of robotic technology make people healthier?. Health Economics. 2021;30;2047-2062	8
2046	S. H. P. Ahn, J. H.Kim, H. R.Cho, S.Lee, M.Seo, S. K.Choi, Y. S.Lee, B. S., Robotic single-site versus multi-port myomectomy: a case-control study. BMC Surgery. 2021;21;264	3
2047	C. M. Liakopoulou, M.Boglid, A.Naemi, A.Stengaard Sorensen, A., Data Vizualization Dashboards in Robotic Rehabilitation. Studies in Health Technology & Informatics. 2021;281;278-282	2
2048	T. N. Ojima, M.Hayata, K.Kitadani, J.Takeuchi, A.Yamaue, H., Comparison of short-term surgical outcomes using da Vinci S, Si and Xi Surgical System for robotic gastric cancer surgery. Scientific Reports. 2021;11;11063	3
2049	J. K. K. Shin, H. C.Lee, W. Y.Yun, S. H.Cho, Y. B.Huh, J. W.Park, Y. A., Minimally invasive versus open intersphincteric resection of low rectal cancer regardless of neoadjuvant chemoradiotherapy: long-term oncologic outcomes. Scientific Reports. 2021;11;11001	4
2050	A. B.-A. Asokan, J.Kayani, B.Radhakrishnan, G. T.Magan, A. A.Haddad, F. S., Nursing considerations for patients undergoing robotic-arm assisted joint replacements. British Journal of Nursing. 2021;30;580-587	2

2051	B. W. K. G. Schipaanboord, M. K.Rossi, L.de Vries, K. C.Heijmen, B. J. M.Breedveld, S., Fully automated treatment planning for MLC-based robotic radiotherapy. Medical Physics. 2021;48;4139-4147	7
2052	K. G. Machetanz, F.Wang, S.Bender, B.Tatagiba, M.Gharabaghi, A.Naros, G., Patient-to-robot registration: The fate of robot-assisted stereotaxy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2288	2
2053	S. S. H. Hung, A. S.Ho, T. H.Chi, C. H.Yen, P. L., A robotized handheld smart tool for orthopedic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2289	7
2054	H. C. Cui, B.Liu, G.Xi, H.Chen, Z.Liang, W.Zhang, K.Cui, J.Xie, T.Deng, H.Tang, Y.Chen, L.Wei, B., Comparison of short-term outcomes and quality of life in totally laparoscopic distal gastrectomy and totally robotic distal gastrectomy for clinical stage I-III gastric cancer: study protocol for a multi-institutional randomised clinical trial. BMJ Open. 2021;11;e043535	12
2055	W. K. Li, K.Li, P.Wang, G.Cui, B.Zhu, L.Zhu, S., Robot-assisted sleeve gastrectomy in patients with obesity with a novel Chinese domestic MicroHand SII surgical system. BMC Surgery. 2021;21;260	5
2056	D. M. Lee, B.Kang, I.Young, A., Biomechanical Comparison of Assistance Strategies Using a Bilateral Robotic Knee Exoskeleton. IEEE Transactions on Biomedical Engineering. 2021;68;2870-2879	2
2057	S. R. Lee, H.Lee, J. W., Open Partial Nephrectomy vs. Robot-assisted Partial Nephrectomy for a Renal Tumor Larger than 4 cm: a Propensity Score Matching Analysis. Journal of Korean Medical Science. 2021;36;e135	13
2058	K. A. G. LeBlanc, A.Dickens, E.Olsofka, J.Ortiz-Ortiz, C.Verdeja, J. C.Pierce, R.Prospective Hernia Study, Group, Robotic-assisted, laparoscopic, and open incisional hernia repair: early outcomes from the Prospective Hernia Study. Hernia. 2021;25;1071-1082	12
2059	N. Q. Lin, J.Song, J.Yu, C.Fang, Y.Wu, W.Yang, W.Wang, Y., Application of nano-carbon and titanium clip combined labeling in robot-assisted laparoscopic transverse colon cancer surgery. BMC Surgery. 2021;21;257	2
2060	G. M. Naros, K.Grimm, F.Roser, F.Gharabaghi, A.Tatagiba, M., Framed and non-framed robotics in neurosurgery: A 10-year single-center experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2282	2
2061	S. B. Santi, M. A.D'Imporzano, S.Bellomini, M. G.Solito, B.Gianetri, D.Giusti, P.Pallabazzer, G., Robotic Heller-Dor for Idiopathic Achalasia: the Pisa experience. Updates in Surgery. 2021;73;2247-2252	5
2062	E. L. Dimitrakakis, L.Dwyer, G.Aylmore, H.Dorward, N. L.Marcus, H. J.Stoyanov, D., An intuitive surgical handle design for robotic neurosurgery. International Journal of Computer Assisted Radiology & Surgery. 2021;16;1131-1139	7
2063	L. S. Li, J.Ma, K.Jin, J.Wang, P.Liang, H.Cao, Y.Wang, X.Jiang, Q., Robotic in situ 3D bio-printing technology for repairing large segmental bone defects. Journal of Advanced Research. 2021;30;75-84	7
2064	J. P. Davitt, D.Wasson, M., Multidisciplinary Approach to Robotic Resection of Abdominal Wall Endometriosis and Mesh Repair. Journal of Minimally Invasive Gynecology. 2021;28;1680	8

2065	D. N. K. Jeon, J.Ko, B. S.Lee, S. B.Kim, E. K.Eom, J. S.Han, H. H., Robot-assisted breast reconstruction using the prepectoral anterior tenting method. Journal of Plastic, Reconstructive & Aesthetic Surgery: JPRAS. 2021;74;2906-2915	5
2066	P. S. Cuk, R. M.Komljen, M.Nielsen, M. F.Helligso, P.Pedersen, A. K.Mogensen, C. B.Ellebaek, M. B., Improved perioperative outcomes and reduced inflammatory stress response in malignant robot-assisted colorectal resections: a retrospective cohort study of 298 patients. World Journal of Surgical Oncology. 2021;19;155	12
2067	A. D. Antoniou, T.Giannakou, M.Evripidou, N.Georgiou, L.Christodoulou, T.Panayiotou, N.Ioannides, C.Zamboglou, N.Damianou, C., Simple methods to test the accuracy of MRgFUS robotic systems. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2287	2
2068	C. H. S. Ohlmann, M.Pierchalla, L. C.Zangana, M.Bonaventura, A.Stockle, M.Siemer, S.Heinzelbecker, J., Indications, feasibility and outcome of robotic retroperitoneal lymph node dissection for metastatic testicular germ cell tumours. Scientific Reports. 2021;11;10700	5
2069	J. B. Daes, I., Anatomical Considerations and Tips for Laparoscopic and Robotic-Assisted Enhanced-View Totally Extraperitoneal Rives-Stoppa Repair for Midline Hernia. Journal of the American College of Surgeons. 2021;233;e1-e11	8
2070	S. J. Kulshrestha, H. M.Bunn, C.Rogers, M.DuCoin, C.Abdelsattar, Z. M.Luchette, F. A.Kuo, P. C.Baker, M. S., State-Level Examination of Clinical Outcomes and Costs for Robotic and Laparoscopic Approach to Diaphragmatic Hernia Repair. Journal of the American College of Surgeons. 2021;233;9-19.e2	12
2071	S. D. A. Ramesh, D.Gonzalez, C.Yu, T.Mascagni, P.Mutter, D.Marescaux, J.Fiorini, P.Padoy, N., Multi-task temporal convolutional networks for joint recognition of surgical phases and steps in gastric bypass procedures. International Journal of Computer Assisted Radiology & Surgery. 2021;16;1111-1119	2
2072	F. Y. Biltekin, G., Dosimetric comparison and secondary malignancy risk estimation for linac-based and robotic stereotactic radiotherapy in uveal melanoma. Medical Dosimetry. 2021;46;364-369	2
2073	J. W. Zhou, C.Lv, R.Liu, N.Huang, Y.Wang, W.Yu, L.Xie, J., Protective mechanical ventilation with optimal PEEP during RARP improves oxygenation and pulmonary indexes. Trials [Electronic Resource]. 2021;22;351	2
2074	Q. T. Gao, N.Sun, Z., A hybrid learning-based hysteresis compensation strategy for surgical robots. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2275	3
2075	Y. J. L. Chao, T. K.Su, P. J.Wang, C. J.Shan, Y. S., Impact of body mass index on the early experience of robotic pancreaticoduodenectomy. Updates in Surgery. 2021;73;929-937	3
2076	E. F. N. Kauffmann, N.Genovese, V.Ginesini, M.Gianfaldoni, C.Vistoli, F.Amorese, G.Boggi, U., Feasibility and safety of robotic-assisted total pancreatectomy: a pilot western series. Updates in Surgery. 2021;73;955-966	12
2077	J. S. N. Shim, T. I.Ku, J. H.Lee, S.Kwon, T. G.Kim, T. H.Jeon, S. H.Lee, S. H.Nam, J. K.Kim, W. S.Jeong, B. C.Lee, J. Y.Hong, S. H.Rha, K. H.Han, W. K.Ham, W. S.Lee, Y. G.Lee, Y. S.Park, S. Y.Yoon, Y. E.Kang, S. G.Oh, J. J.Kang, S. H.Korean Robot Assisted Radical Cystectomy Study, Group, Effect of intraoperative fluid volume on postoperative ileus after robot-assisted radical cystectomy. Scientific Reports. 2021;11;10522	3
2078	C. N. V. Tillier, R. D.Boekhout, A. H.Veerman, H.Wollersheim, B. M.van Muilekom, H. A. M.Boellaard, T. N.van Leeuwen, P. J.van de Poll-Franse, L. V.van der Poel, H. G., Individual risk prediction of urinary incontinence after prostatectomy and impact on treatment choice in patients with localized prostate cancer. Neurourology & Urodynamics. 2021;40;1550-1558	3

2079	T. G. Oshikiri, H.Horikawa, M.Urakawa, N.Hasegawa, H.Kanaji, S.Yamashita, K.Matsuda, T.Nakamura, T.Kakeji, Y., Robot-Assisted Minimally Invasive Esophagectomy Reduces the Risk of Recurrent Laryngeal Nerve Palsy. Annals of Surgical Oncology. 2021;28;7258	5
2080	J. H. K. Marks, E.Salem, J. F.Martin, C. T.Anderson, B.Agarwal, S., First Clinical Experience With Single-Port Robotic Transanal Minimally Invasive Surgery: Phase II Trial of the Initial 26 Cases. Diseases of the Colon & Rectum. 2021;64;1003-1013	3
2081	M. Z. Hepinstall, H.Matzko, C.Meftah, M.Mont, M. A., Adoption of Robotic Arm-Assisted Total Hip Arthroplasty Results in Reliable Clinical and Radiographic Outcomes at Minimum Two-Year Follow Up. Surgical Technology International. 2021;38;440-445	3
2082	A. P. de Bruyn, F.Smulders, K.Goffin, F.Traen, K.Van Trappen, P.Vergote, I., Observational BGOG Study of the Results of Robot-assisted Laparoscopy in 166 Patients with FIGO 2009 Stage IA1-IB1 Cervical Cancer. Journal of Minimally Invasive Gynecology. 2021;28;1920-1926	3
2083	D. A. Raimondo, C.Orsini, B.Aru, A. C.Farulla, A.Maletta, M.Arena, A.Del Forno, S.Sampogna, V.Mastronardi, M.Petrillo, M.Seracchioli, R., Comparison of perioperative outcomes between standard laparoscopic and robot-assisted approach in patients with rectosigmoid endometriosis. Acta Obstetricia et Gynecologica Scandinavica. 2021;100;1740-1746	13
2084	P. P. Achilli, W.Grass, F.Abd El Aziz, M. A.Kelley, S. R.Larson, D. W.Behm, K. T., Completely intracorporeal anastomosis in robotic left colonic and rectal surgery: technique and 30-day outcomes. Updates in Surgery. 2021;73;2137-2143	3
2085	C. S. D'Ettorre, A.Dwyer, G.Tran, M.Stoyanov, D., Autonomous pick-and-place using the dVRK. International Journal of Computer Assisted Radiology & Surgery. 2021;16;1141-1149	5
2086	K. M. K. Park, S.Kim, C.Sung, Y.Chung, Y. J.Song, J.Kim, S.Kim, M. R., Variables that prolong total operative time for robotic-assisted laparoscopic myomectomy: A 10-year tertiary hospital study in Korea. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2021;262;62-67	3
2087	M. K. Gokceimam, B.Akbulut, S.Erten, O.Berber, E., Robotic Posterior Retroperitoneal Adrenalectomy: Patient Selection and Long-Term Outcomes. Annals of Surgical Oncology. 2021;28;7497-7505	3
2088	V. N. Chiroiu, N.Pisla, D.Munteanu, L.Rugina, C., On the flexible needle insertion into the human liver. Scientific Reports. 2021;11;10251	3
2089	E. W. Hofgaard, K.Brunes, M.Bossmar, T.Persson, J., Cesarean scar pregnancy: Reproductive outcome after robotic laparoscopic removal with simultaneous repair of the uterine defect. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2021;262;40-44	3
2090	H. Shin, Current Trends in and Indications for Endoscopy-Assisted Breast Surgery for Breast Cancer. Advances in Experimental Medicine & Biology. 2021;1187;567-590	2
2091	N. J. B. Lee, I. A.Boddapati, V.Mathew, J.Marciano, G.Park, P. J.Leung, E.Buchholz, A. L.Pollina, J.Jazini, E.Haines, C.Schuler, T. C.Good, C. R.Lombardi, J. M.Lehman, R. A., Do robot-related complications influence 1 year reoperations and other clinical outcomes after robot-assisted lumbar arthrodesis? A multicenter assessment of 320 patients. Journal of Orthopaedic Surgery. 2021;16;308	3
2092	M. P. Chan Park, S.Kim, S. C.Park, S.Moon, K. H.Cheon, S. H.Hwang, J. C.Kwon, T., Varying Outcomes among Patients with Large Angiomyolipomas according to the Treatment Method. Urologia Internationalis. 2021;105;680-686	2

2093	D. H. Lai, M. L.Habboosh, N.Pudalov, N.Parascandola, S. A.Hota, S.Slami, A. A.Obias, V., Robotic-assisted surgery for complicated and uncomplicated diverticulitis: A single-surgeon case-series comparison. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2271	3
2094	H. L. Yao, T.Chen, W.Lei, S.Liu, K.Liu, B.Zhou, J., Role of robotic natural orifice specimen extraction surgery in colorectal neoplasms. Scientific Reports. 2021;11;9818	3
2095	J. L. Moon, J.Lee, D. W.Lee, H. S.Nam, D. J.Kim, M. J.Kim, N. Y.Park, H. S., Postoperative pain assessment of robotic nipple-sparing mastectomy with immediate prepectoral prosthesis breast reconstruction: a comparison with conventional nipple-sparing mastectomy. International Journal of Medical Sciences. 2021;18;2409-2416	12
2096	E. K. B. Crane, J.Lehman, A.Tait, D. L.Naumann, R. W., Perioperative Recovery and Narcotic Use in Laparoscopic versus Robotic Surgery for Endometrial Cancer. Journal of Minimally Invasive Gynecology. 2021;28;1898-1902	13
2097	U. J. Khrucharoen, Y. Y.Wongpongsalee, T.Chen, Y.Dutson, E. P., Risk factors for readmission for early small bowel obstruction following laparoscopic Roux-en-Y gastric bypass: an MBSAQIP analysis. Surgery for Obesity & Related Diseases. 2021;17;1041-1048	2
2098	G. A. S. Katsevman, R. D.Daffner, S. D.Bhatia, S.Marsh, R. A.France, J. C.Cui, S.Dekeseredy, P.Sedney, C. L., Robotic-Navigated Percutaneous Pedicle Screw Placement Has Less Facet Joint Violation Than Fluoroscopy-Guided Percutaneous Screws. World Neurosurgery. 2021;151;e731-e737	12
2099	G. M. G. Gressel, K.Woodland, M. B.Banks, E., Residents' Confidence in Performing Robotic Hysterectomy in Obstetrics and Gynecologic Training Programs. Journal of Minimally Invasive Gynecology. 2021;28;1882-1888.e5	1
2100	Z. J. Fu, Z.Zhang, C.Dai, Y.Gao, X.Wang, Z.Li, L.Ding, G.Hu, H.Wang, P.Ye, X., Visual-electromagnetic system: A novel fusion-based monocular localization, reconstruction, and measurement for flexible ureteroscopy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2274	2
2101	M. T. Numata, H.Kazama, K.Atsumi, Y.Iguchi, K.Sawazaki, S.Aoyama, T.Sato, S.Sugano, N.Godai, T.Higuchi, A.Saigusa, Y.Saeki, H.Yamada, T.Oshima, T.Shiozawa, M.Yukawa, N.Rino, Y., Potential Benefits of Minimally Invasive Laparoscopy in Reducing Local Recurrence After Surgery for Low Rectal Cancer. Anticancer Research. 2021;41;2617-2623	2
2102	C. R. Sanson, A.Honart, J. F.Rimareix, F.Leymarie, N.Sarfati, B., Robotic Prophylactic Nipple-Sparing Mastectomy with Immediate Prosthetic Breast Reconstruction: A prospective Study of 138 Procedures. Chirurgia (Bucuresti). 2021;116;135-142	3
2103	C. Z. Wang, H.Zhang, L.Kong, M.Zhu, K.Zhou, C. L.Ma, X. X., Accuracy and deviation analysis of robot-assisted spinal implants: A retrospective overview of 105 cases and preliminary comparison to open freehand surgery in lumbar spondylolisthesis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2273	12
2104	T. N. Ojima, M.Hayata, K.Kitadani, J.Takeuchi, A.Yamaue, H., Robotic Subtotal Gastrectomy with Small Remnant Stomach for Gastric Cancer in the Upper Stomach. Journal of Gastrointestinal Surgery. 2021;25;2165-2171	3
2105	Y. Y. Takeshima, Y.Teshima, T.Fujimura, T.Kakutani, S.Hakozaki, Y.Kimura, N.Akiyama, Y.Sato, Y.Kawai, T.Yamada, D.Kume, H., Clinical significance and risk factors of International Society of Urological Pathology (ISUP) grade upgrading in prostate cancer patients undergoing robot-assisted radical prostatectomy. BMC Cancer. 2021;21;501	3

2106	M. M. Righi, M.Dolciotti, C.Moroni, D., A System for Neuromotor Based Rehabilitation on a Passive Robotic Aid. Sensors. 2021;21;30	2
2107	A. F. Kajmolli, D. M.Javadov, M.Popa, D.Bergamaschi, R., Robotic TAMIS: A Technical Note Comparing Si R versus Xi R. Surgical Technology International. 2021;38;169-172	3
2108	B. J. Shi, T.Du, H.Zhang, W.Hu, L.Zhang, L., Application of Spinal Robotic Navigation Technology to Minimally Invasive Percutaneous Treatment of Spinal Fractures: A Clinical, Non-Randomized, Controlled Study. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2021;13;1236-1243	12
2109	C. B. Puterman, M.Amidi, J.Anand, A.Soller, W.Jiborn, T.Kjolhede, H.Tragardh, E.Bjartell, A., A retrospective study assessing the accuracy of [18F]-fluorocholine PET/CT for primary staging of lymph node metastases in intermediate and high-risk prostate cancer patients undergoing robotic-assisted laparoscopic prostatectomy with extended lymph node dissection. Scandinavian Journal of Urology. 2021;55;293-297	3
2110	S. L. Chen, Z.Lin, Y.Wang, F.Cao, Q., Automatic ultrasound scanning robotic system with optical waveguide-based force measurement. International Journal of Computer Assisted Radiology & Surgery. 2021;16;1015-1025	2
2111	R. M.-T. Romero-Garcia, R.Pozo, P.de la Paz, F.Sarria, E., Q-CHAT-NAO: A robotic approach to autism screening in toddlers. Journal of Biomedical Informatics. 2021;118;103797	2
2112	Y. Verma, Can robotics be the future of ophthalmic surgery?. Journal of Robotic Surgery. 2021;15;975-976	5
2113	G. M. Westrich, I.Stefan, S.Siddiqi, N.Ahmed, Y.Cross, M.Nissan, A.Khan, J. S., Robotic surgery for colorectal cancer in the Octogenarians. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2268	3
2114	M. S. Eksi, S.Evren, I.Arikan, Y.Akbay, F. G.Karadag, S.Guler, A. F.Celik, Z.Apaydin, S.Ihsan Tasci, A.Tugcu, V., Can robot-assisted kidney transplantation provide higher quality of life than open kidney transplantation during the early postoperative period?. International Journal of Clinical Practice. 2021;75;e14288	13
2115	J. S. P.-N. Ortiz, G.Andaluz, V. H.Recalde, L. F., Three-Dimensional Unified Motion Control of a Robotic Standing Wheelchair for Rehabilitation Purposes. Sensors. 2021;21;27	2
2116	K. J. C. Wang, C. H.Chen, J. J.Ciou, W. S.Xu, C. B.Du, Y. C., An Improved Sensing Method of a Robotic Ultrasound System for Real-Time Force and Angle Calibration. Sensors. 2021;21;22	2
2117	S. A. Buse, A.Mazzone, E.Mottrie, A.Haferkamp, A., Surgical benchmarks, mid-term oncological outcomes, and impact of surgical team composition on simultaneous enbloc robot-assisted radical cystectomy and nephroureterectomy. BMC Urology. 2021;21;73	3
2118	A. L. G. M. Morrell, A. C.Morrell-Junior, A. C.Mendes, J. M.Tustumi, F.Morrell, A. G., Indocyanine Green Fluorescence Imaging in Robotic Surgery: State of Art, Tips and Tricks in Current Applications. Arquivos de Gastroenterologia. 2021;58;61-70	5
2119	M. A. C. A. Machado, A. O.Lobo Filho, M. M.Mattos, B. H.Makdissi, F. F., Robotic anatomical resection of liver segment 4 with glissonian approach and selective hepatic artery clamping. Arquivos de Gastroenterologia. 2021;58;127-128	3
2120	T. B. K. Turner, K. H., Mapping the robotic hysterectomy learning curve and re-establishing surgical training metrics. Journal of Gynecologic Oncology. 2021;32;e58	5

2121	L. U. Bencini, I.Trafeli, M.Paolini, C.Moraldi, L.Tribuzi, A.Pacciani, S.Coratti, A., Robotic pancreatic surgery: minimally invasive approach to challenging operations. Minerva Surgery. 2021;76;138-145	5
2122	F. Cianchi, Robotics in general surgery: a promising evolution. Minerva Surgery. 2021;76;103-104	8
2123	X. S. Chen, Q.Wang, K.Chen, Z.Han, Y.Shen, H.Li, Q., Robot-assisted minimally invasive transforaminal lumbar interbody fusion versus open transforaminal lumbar interbody fusion: a retrospective matched-control analysis for clinical and quality-of-life outcomes. Journal of Comparative Effectiveness Research. 2021;10;845-856	12
2124	Y. P. De Pra, S.Fontana, F.Tiberi, E., An Open-Source Robotic Tool for the Simulation of Quasi-Static Finger Pressing on Stationary and Vibrating Surfaces. IEEE Transactions on Haptics. 2021;14;273-278	2
2125	G. P. L. K. Thomas, T. D.Khokhlova, V. A., Partial Respiratory Motion Compensation for Abdominal Extracorporeal Boiling Histotripsy Treatments With a Robotic Arm. IEEE Transactions on Ultrasonics Ferroelectrics & Frequency Control. 2021;68;2861-2870	2
2126	Q. W. Ouyang, J.Sun, S.Pensa, J.Abiri, A.Dutson, E.Bisley, J., Bio-Inspired Haptic Feedback for Artificial Palpation in Robotic Surgery. IEEE Transactions on Biomedical Engineering. 2021;68;3184-3193	5
2127	S. A. W. Greenberg, S. L., 3rdLonergan, P. E.Cowan, J. E.Baskin, A. S.Nguyen, H. G.Odisho, A. Y.Simko, J. P.Carroll, P. R., Residual Benign Prostate Glandular Tissue after Radical Prostatectomy is Not Associated with the Development of Detectable Postoperative Serum Prostate Specific Antigen. Journal of Urology. 2021;206;706-714	3
2128	S. R. L. Leyh-Bannurah, N.Oelke, M.Wagner, C.Schuette, A.Fangmeyer, B.Zinke, J.Wasiri, D.Mendrek, M.Witt, J. H., Perioperative and Postoperative Outcomes of Robot-Assisted Radical Prostatectomy in Prostate Cancer Patients with Prior Transurethral Subvesical Deobstruction: Results of a High-Volume Center. Journal of Urology. 2021;206;308-318	3
2129	S. F. Gurram, N. A.Gordhan, C.Li, W.Ahdoot, M. A.Egan, J.Yerram, N. K.Bratslavsky, G.Metwalli, A. R.Linehan, W. M.Ball, M. W., Reoperative Partial Nephrectomy-Does Previous Surgical Footprint Impact Outcomes?. Journal of Urology. 2021;206;539-547	13
2130	T. Fiala, Abdominal Laser Lipolysis Using a Microprocessor-Controlled Robotic Arm With Noncontact Heating and Cooling. Aesthetic Surgery Journal. 2021;41;NP1951-NP1961	2
2131	V. A. Coppola, G.Cerulo, M.Conte, F. D.Ricci, E.Borgogni, R.Cardone, R.Escolino, M.Esposito, C., Video-Based Coaching: An Efficient Learning and Teaching Modality for Pediatric Surgery and Pediatric Urology Training Program. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;594-597	2
2132	G. E. De Togni, S.Chan, S.Cunningham-Burley, S., What makes AI 'intelligent' and 'caring'? Exploring affect and relationality across three sites of intelligence and care. Social Science & Medicine. 2021;277;113874	2
2133	H. R. H. Grannan, E.Goldblatt, M. I.Gould, J. C.Higgins, R. M., Robotic General Surgery Resident Training Curriculum: A Pilot Experience. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2021;31;588-593	5
2134	R. D. G. Pini, M.Toti, J. M. A.Mongelli, F.Marcantonio, M.Spampatti, S.La Regina, D., Robot-assisted Treatment of Epigastric Hernias With a Suprapubic Approach. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2021;31;584-587	3

2135	Y. K. Ebihara, Y.Murakami, S.Shichinohe, T.Hirano, S., Robotic Distal Gastrectomy With a Novel "Preemptive Retropancreatic Approach" During Dissection of Suprapancreatic Lymph Nodes for Gastric Cancer. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2021;31;457-461	3
2136	Z. H. Kastelan, T.Kulis, T.Knezevic, N.Penezic, L.Maric, M.Zekulic, T., Upper urinary tract surgery and radical prostatectomy with Senhance^R robotic system: Single center experience-First 100 cases. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2269	5
2137	Y. B. Chillakuru, D. A.Strum, D.Mehta, V.Saini, P.Shim, T.Darwish, C.Joshi, A. S.Thakkar, P.Goodman, J. F., Transoral robotic surgery versus nonrobotic resection of oropharyngeal squamous cell carcinoma. Head & Neck. 2021;43;2259-2273	13
2138	R. Abaza, The Case for Transperitoneal Robotic Prostatectomy. Journal of Endourology. 2021;35;1119-1120	5
2139	S. Crivellaro, In Favor of Extraperitoneal Robotic Radical Prostatectomy: Back to the Future Through a Single-Port Approach. Journal of Endourology. 2021;35;1121-1122	5
2140	B. T. Pongiglione, A.Blommestein, H.de Groot, S.Ciani, O.Walker, S.Dams, F.Blankart, R.Mollenkamp, M.Kovacs, S.Tarricone, R.Drummond, M., Do existing real-world data sources generate suitable evidence for the HTA of medical devices in Europe? Mapping and critical appraisal. International Journal of Technology Assessment in Health Care. 2021;37;e62	2
2141	M. F. Brunes, C.Warnqvist, A.Ek, M.Johannesson, U., Assessment of surgeon and hospital volume for robot-assisted and laparoscopic benign hysterectomy in Sweden. Acta Obstetricia et Gynecologica Scandinavica. 2021;100;1730-1739	13
2142	S. R. R. P. Nijssen, C.Paulus, M.Muller, B. C. N., Does agency matter? Neural processing of robotic movements in 4- and 8-year olds. Neuropsychologia. 2021;157;107853	2
2143	P. R. Cathcart, L.Moore, C.Ahmed, H. U.Leslie, T.Arya, M.Orczyk, C.Hindley, R. G.Cahill, F.Prendergast, A.Coetzee, C.Yogeswaran, Y.Tunna, K.Sooriakumaran, P.Emberton, M., Outcomes of the RAFT trial: robotic surgery after focal therapy. BJU International. 2021;128;504-510	3
2144	A. T. Chowdhury, L. G. L.Chiong, E.Rha, K. H.Tiong, H. Y., Transitioning to robotic partial nephrectomy with a team-based proctorship achieves the desired improved outcomes over open and laparoscopic partial nephrectomy. Updates in Surgery. 2021;73;1189-1196	13
2145	S. W. Zuo, Z.Zhang, T.Chen, B., A novel master-slave intraocular surgical robot with force feedback. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2267	2
2146	M. R. Bombieri, M.Dall'Alba, D.Fiorini, P., Automatic detection of procedural knowledge in robotic-assisted surgical texts. International Journal of Computer Assisted Radiology & Surgery. 2021;16;1287-1295	5
2147	T. M. Isobe, N.Minami, T.Tanaka, Y.Kaku, H.Umetani, Y.Kizaki, J.Aoyagi, K.Fujita, F.Akagi, Y., Robotic versus laparoscopic distal gastrectomy in patients with gastric cancer: a propensity score-matched analysis. BMC Surgery. 2021;21;203	12
2148	S. D. McCarus, Senhance Robotic Platform System for Gynecological Surgery. Journal of the Society of Laparoendoscopic Surgeons. 2021;25;Jan-Mar	3
2149	S. H. Meguro, N.Imai, H.Yoshida, Y.Takinami-Honda, R.Matsuoka, K.Hoshi, S.Hata, J.Sato, Y.Akaihata, H.Kataoka, M.Ogawa, S.Kojima, Y., Association Between Surgical Stress and Biochemical Recurrence After Robotic Radical Prostatectomy. Journal of the Society of Laparoendoscopic Surgeons. 2021;25;Jan-Mar	3

2150	M. M. Carbonnel, G. N.Tarazi, M. M.Revaux, A.Kennel, T.Favre-Inhofer, A.Ayoubi, J. M., Robotic Hysterectomy for Benign Indications: What Have We Learned from a Decade?. Journal of the Society of Laparoendoscopic Surgeons. 2021;25;Jan-Mar	13
2151	Y. L. Lu, S. W.Macqueen, I. T.Chen, D. C., Intra-Operative Vascular Injury and Control During Laparoscopic and Robotic Mesh Explantation for Chronic Post Herniorrhaphy Inguinal Pain (CPIP). Surgical Technology International. 2021;38;206-211	12
2152	K. R. Kodia, S. S.Alnajar, A.Nguyen, D. M.Villamizar, N., Comparative Analysis of Robotic Segmentectomy For Non-Small Cell Lung Cancer: A National Cancer Database Study. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2021;16;280-287	13
2153	L. L. Cao, G.Xu, Y.Zhang, H.Shu, X.Zhang, D., A brain-actuated robotic arm system using non-invasive hybrid brain-computer interface and shared control strategy. Journal of Neural Engineering. 2021;18;5	2
2154	F. G. Guerra, E.Minuzzo, A.Tribuzi, A.Di Marino, M.Coratti, A., Robotic esophagectomy: results from a tertiary care Italian center. Updates in Surgery. 2021;73;839-845	3
2155	D. M. C. Poon, C. K.Chan, T. W.Cheung, F. Y.Ho, L. Y.Kwong, P. W.Lee, E. K.Leung, A. K.Leung, S. Y.So, H. S.Tam, P. C.Ma, W. K., Prostate cancer management in the era of COVID-19: Recommendations from the Hong Kong Urological Association and Hong Kong Society of Uro-oncology. Asia-Pacific Journal of Clinical Oncology. 2021;17 Suppl 3;48-54	2
2156	H. F. Coussons, J.McCarus, S., Senhance surgical system in benign hysterectomy: A real-world comparative assessment of case times and instrument costs versus da Vinci robotics and laparoscopic-assisted vaginal hysterectomy procedures. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2261	13
2157	A. W. Jaresova, H.Macharia, A.Hacker, M. R.Li, J., Comparison of Trendelenburg Angles in Vaginal, Laparoscopic, and Robotic Uterovaginal Apical Prolapse Repairs. Journal of Minimally Invasive Gynecology. 2021;28;1868-1875	13
2158	A. J. H. Holcomb, M.Strohl, M.Ochoa, E.Feng, A. L.Abt, N. B.Mokhtari, T. E.Suresh, K.McHugh, C. I.Parikh, A. S.Sadow, P.Faquin, W.Faden, D.Deschler, D. G.Varvares, M. A.Lin, D. T.Fakhry, C.Ryan, W. R.Richmon, J. D., Impact of surgical margins on local control in patients undergoing single-modality transoral robotic surgery for HPV-related oropharyngeal squamous cell carcinoma. Head & Neck. 2021;43;2434-2444	3
2159	B. D. Nguyen, B.Shiozaki, T.Gosch, K.Sorensen, G. B., Comparisons of abdominal wall reconstruction for ventral hernia repairs, open versus robotic. Scientific Reports. 2021;11;8086	12
2160	V. H. Q. Vinh, N. V. D.Thanh, D. D. M.Van Le Phong, T., Robotic video-assisted thoracoscopic surgery using multiport triangular trocar configuration: initial experience at a single center. Journal Of Cardiothoracic Surgery. 2021;16;77	3
2161	F. M. Wikner, P.Sorelius, K.Legrell, P.Rutegard, M., Discrepancy between surgeon and radiological assessment of ligation level of the inferior mesenteric artery in patients operated for rectal cancer-impacting registry-based research and surgical practice. World Journal of Surgical Oncology. 2021;19;115	2
2162	T. M. Majima, Y.Funahashi, Y.Kato, M.Sassa, N.Gotoh, M., Urodynamic evaluation before and after to RARP to identify pre and intraoperative factors affecting postoperative continence. Neurourology & Urodynamics. 2021;40;1147-1153	3

2163	J. P. Huang, N.Nightingale, J.Kondalsamy-Chennakesavan, S.Grigg, R.Mahendran, S., Trans-oral robotic surgery: a safe and effective tool in head and neck surgery in an Australian rural setting. ANZ Journal of Surgery. 2021;91;2345-2351	3
2164	J. L. Zhang, W.Hu, L.Yu, ZhaoWang, T., A robotic system for spine surgery positioning and pedicle screw placement. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2262	2
2165	J. Z. Jiang, S.Yi, B.Li, J., Comparison of the short-term operative, Oncological, and Functional Outcomes between two types of robot-assisted total mesorectal excision for rectal cancer: Da Vinci versus Micro Hand S surgical robot. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2260	2
2166	T. Z. Liu, Z.Feng, B.Wang, X.Li, T.Xie, S.Zhu, W.Li, X.Guo, H.Yang, R., Robotic-assisted laparoscopic tumor enucleation is a feasible technique for renal hilar tumors: A retrospective study. Journal of Surgical Oncology. 2021;124;135-142	3
2167	T. M. Shin, H., Early-pull-out technique for intracorporeal ileal conduit urinary diversion after robot-assisted radical cystectomy. International Journal of Urology. 2021;28;778-779	8
2168	S. S. Choi, J. H.Lee, S.Cho, M.Kim, Y. M.Hyung, W. J.Kim, H. I., Surgical Merits of Open, Laparoscopic, and Robotic Gastrectomy Techniques with D2 Lymphadenectomy in Obese Patients with Gastric Cancer. Annals of Surgical Oncology. 2021;28;7051-7060	12
2169	E. A. Lorenz, J.Franz, M.Rahimli, M.Perrakis, A.Negrini, V.Gumbs, A. A.Croner, R. S., Robotic and laparoscopic liver resection-comparative experiences at a high-volume German academic center. Langenbecks Archives of Surgery. 2021;406;753-761	12
2170	J. S. A. Khan, A.Odermatt, M.Jayne, D. G.Ahmad, N. Z.Kandala, N.West, N. P., Robotic complete mesocolic excision with central vascular ligation for right colonic tumours - a propensity score-matching study comparing with standard laparoscopy. Bjs Open. 2021;5;5	12
2171	S. Y. L. Park, S. M.Park, J. S.Kim, H. J.Choi, G. S., Robot Surgery Shows Similar Long-term Oncologic Outcomes as Laparoscopic Surgery for Mid/Lower Rectal Cancer but Is Beneficial to ypT3/4 After Preoperative Chemoradiation. Diseases of the Colon & Rectum. 2021;64;812-821	12
2172	S. C. Dioun, L.Melamed, A.Gockley, A.St Clair, C. M.Hou, J. Y.Tergas, A. I.Khoury-Collado, F.Hur, C.Hershman, D. L.Wright, J. D., Uptake and Outcomes of Sentinel Lymph Node Mapping in Women With Atypical Endometrial Hyperplasia. Obstetrics & Gynecology. 2021;137;924-934	2
2173	K. M. Farah, M.Prost, S.Albader, F.Dufour, H.Blondel, B.Fuentes, S., Robotic Assistance for Minimally Invasive Cervical Pedicle Instrumentation: Report on Feasibility and Safety. World Neurosurgery. 2021;150;e777-e782	3
2174	M. P. Castaldi, M.Con, J.Abouezzi, Z.Latifi, R.Bergamaschi, R., Robotic-Assisted Surgery Training (RAST) Program: An Educational Research Protocol. Surgical Technology International. 2021;38;52-55	5
2175	G. R. Ceccarelli, A.De Rosa, M.Fontani, A.Ermili, F.Andolfi, E.Bugiantella, W.Levi Sandri, G. B., Minimally invasive robotic-assisted combined colorectal and liver excision surgery: feasibility, safety and surgical technique in a pilot series. Updates in Surgery. 2021;73;1015-1022	3
2176	S. H. Hayashi, S.Kuroda, Y.Nakano, N.Matsumoto, T.Ishida, K.Shibanuma, N.Kamenaga, T.Kuroda, R., Accuracy of cup position following robot-assisted total hip arthroplasty may be associated with surgical approach and pelvic tilt. Scientific Reports. 2021;11;7578	3

2177	P. M. P. Bunch, H. S.Hughes, R. T.Porosnicu, M.Waltonen, J. D., Patient Selection for Transoral Robotic Surgery (TORS) in Oropharyngeal Squamous Cell Carcinoma: What the Surgeon Wants to Know. Topics in Magnetic Resonance Imaging. 2021;30;117-130	5
2178	S. L. Duan, L.Chen, Y.Yang, L.Zhang, Y.Wang, S.Hao, L.Zhang, L., A 5G-powered robot-assisted teleultrasound diagnostic system in an intensive care unit. Critical Care (London, England). 2021;25;134	3
2179	C. R. O. Good, L.Schroerlucke, S. R.Cannestra, A.Lim, J. Y.Hsu, V. W.Zahrawi, F.Villalobos, H. J.Ramirez, P. M.Sweeney, T.Wang, M. Y., Complications and Revision Rates in Minimally Invasive Robotic-Guided Versus Fluoroscopic-Guided Spinal Fusions: The MIS ReFRESH Prospective Comparative Study. Spine. 2021;46;1661-1668	3
2180	P. L. Zeuschner, J.Mohr, R.van Heemskerk, S.Wagenpfeil, G.Wagenpfeil, S.Ohlmann, C.Siemer, S.Stockle, M.Saar, M., Robot-assisted versus open radical cystectomy: A cohort study on perioperative outcomes accounting for stage selection bias and surgical experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2258	13
2181	E. C. Perrone, I.Pasciuto, T.Gioe, A.Gueli Alletti, S.Restaino, S.Scambia, G.Fanfani, F., Laparoscopic vs. robotic-assisted laparoscopy in endometrial cancer staging: large retrospective single-institution study. Journal of Gynecologic Oncology. 2021;32;e45	12
2182	A. U. Ebrahimi, M. G.Patel, N.Taylor, R. H.Gehlbach, P.Iordachita, I., Adaptive Control Improves Sclera Force Safety in Robot-Assisted Eye Surgery: A Clinical Study. IEEE Transactions on Biomedical Engineering. 2021;68;3356-3365	2
2183	C. A. A. Fleming, O.Clements, J. M.Hirniak, J.King, M.Mohan, H. M.Nally, D. M.Burke, J.Association of Surgeons in, Training, Pan-specialty access to robotic surgery in surgical training. British Journal of Surgery. 2021;108;e245-e246	8
2184	F. F. Hongo, A.Inoue, Y.Yamada, Y.Ukimura, O., Three-dimensional-printed soft kidney model for surgical simulation of robot-assisted partial nephrectomy: A proof-of-concept study. International Journal of Urology. 2021;28;870-871	8
2185	J. A. V. Cavallo, A. J.Dy, G. W.Stair, S.Shakir, N. A.Canes, D.Zhao, L. C., Clinical Outcomes of a Combined Robotic, Transabdominal, and Open Transperineal Approach for Anastomotic Posterior Urethroplasty. Journal of Endourology. 2021;35;1372-1377	3
2186	T. K. C. Jang, H.Kwon, S. H.Shin, S. J.Cho, C. H., Robotic single-site versus multiport radical hysterectomy in early stage cervical cancer: An analysis of 62 cases from a single institution. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2255	3
2187	K. R. Kodia, S. S.Stephens-McDonnough, J. A.Szewczyk, J.Villamizar, N. R.Nguyen, D. M., Liposomal Bupivacaine Versus Bupivacaine/Epinephrine Intercostal Nerve Block as Part of an Enhanced Recovery After Thoracic Surgery (ERATS) Care Pathway for Robotic Thoracic Surgery. Journal of Cardiothoracic & Vascular Anesthesia. 2021;35;2283-2293	3
2188	A. G. Brunete, E.Hernando, M.Cedazo, R., Smart Assistive Architecture for the Integration of IoT Devices, Robotic Systems, and Multimodal Interfaces in Healthcare Environments. Sensors. 2021;21;22	2
2189	S. B. D. Shafiei, M.Jing, Z.Mostowy, M.Doherty, P.Hussein, A. A.Elsayed, A. S.Iqbal, U.Guru, K., Surgical Hand Gesture Recognition Utilizing Electroencephalogram as Input to the Machine Learning and Network Neuroscience Algorithms. Sensors. 2021;21;3	5

2190	J. D. K. Kelly, T. M.Brand, T.French, A.Nash, M.Meryman, L.Heller, N.Organ, N.George, E.Smith, R.Sorensen, M. D.Comstock, B.Lendvay, T. S., Virtual Reality Warm-up Before Robot-assisted Surgery: A Randomized Controlled Trial. Journal of Surgical Research. 2021;264;107-116	1
2191	Z. Z. Z. Wang, G. D.Zhao, Z. M.Hu, M. G.Tan, X. L.Zhang, X.Gao, Y. X.Liu, R., A comparative study of end-to-end pancreatic anastomosis versus pancreaticojejunostomy after robotic central pancreatectomy. Updates in Surgery. 2021;73;967-975	3
2192	K. C. O. Kose, M. K.Tekce, F.Doner, N., Design and kinematic analysis of a novel rehabilitative robotic walking simulation device. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2021;235;770-779	2
2193	S. M. Yoshimura, K.Ri, M.Aikou, S.Yagi, K.Yamagata, Y.Nishida, M.Yamashita, H.Nomura, S.Seto, Y., Comparison of short-term outcomes between transthoracic and robot-assisted transmediastinal radical surgery for esophageal cancer: a prospective study. BMC Cancer. 2021;21;338	13
2194	C. B. Batailler, M.Lording, T.Nigues, A.Servien, E.Calliess, T.Lustig, S., Improved sizing with image-based robotic-assisted system compared to image-free and conventional techniques in medial unicompartmental knee arthroplasty. Bone & Joint Journal. 2021;103-B;610-618	12
2195	D. K. Mostad, P.Follestad, T.Pleym, H., Desflurane consumption with automated vapour control systems in two different anaesthesia machines. A randomized controlled study. Acta Anaesthesiologica Scandinavica. 2021;65;895-901	3
2196	A. L. G. C. M.-J. Morrell, A.Morrell, A. G.Mendes, J. M. F.Morrell, A., Image Inversion during Xi Robotic ventral hernia repair: making it even more effective. Revista do Colegio Brasileiro de Cirurgioes. 2021;48;e20202879	3
2197	L. F. N. Sobrado, C. S. R.Marques, C. F. S.Cotti, G. C. C.Imperiale, A. R.Averbach, P.Meira Junior, J. D.Horvat, N.Ribeiro-Junior, U.Cecconello, I.Nahas, S. C., Is it Safe to Perform Elective Colorectal Surgical Procedures during the COVID-19 Pandemic? A Single Institution Experience with 103 Patients. Clinics (Sao Paulo, Brazil). 2021;76;e2507	2
2198	H. Y. C. Kim, J. B.Lee, E. A.Kwon, S. H.Kim, J. E.Lee, S. Y., Effects of smoking on the optimal effect-site concentration of remifentanil required for preventing cough during anesthetic emergence in male patients undergoing laparoscopic or robotic cholecystectomy. Medicine. 2021;100;e25288	3
2199	O. G. G. Trifanescu, L. N.Serbanescu, G. L.Zgura, A. F.Iliescu, L.Mehedintu, C.Anghel, R. M., Long-term oncological outcome in patients with cervical cancer after 3 trimodality treatment (radiotherapy, platinum-based chemotherapy, and robotic surgery). Medicine. 2021;100;e25271	13
2200	S. P. Wu, C.Li, H.Huang, Q.Fan, Y.Gao, Y.Zhang, X.Wang, B.Ma, X., Robotic Retroperitoneal Versus Transperitoneal Inferior Vena Cava Thrombectomy: Right-Sided Cases with Level I-II Tumor Thrombus. Journal of Endourology. 2021;35;1498-1503	3
2201	M. A. M. Edwards, M.Agarwal, S.Rhodes, L.Bruff, A., Exploring perioperative outcomes in metabolic and bariatric surgery amongst the elderly: an analysis of the 2015-2017 MBSAQIP database. Surgery for Obesity & Related Diseases. 2021;17;1096-1106	3
2202	J. E. L. Wahi, C.Yousef, M.Hernandez, E.Stickles, M. G.Ben-David, K., Robotic LINX Placement: Is it Worth It?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;526-529	12
2203	F. M. A. Dimou, N.Chang, S. H.Freeman, D.Eagon, J. C.Eckhouse, S. R., Understanding the Current Role of Robotic-Assisted Bariatric Surgery. Obesity Surgery. 2021;31;3130-3137	4

2204	M. K. Neuberger, K. F.Simon, V.Wessels, F.Siegel, F.Worst, T. S.Westhoff, N.von Hardenberg, J.Kriegmair, M.Michel, M. S.Honeck, P.Nuhn, P., Peritoneal flap for lymphocele prophylaxis following robotic-assisted laparoscopic radical prostatectomy with pelvic lymph node dissection: study protocol and trial update for the randomized controlled PELYCAN study. Trials [Electronic Resource]. 2021;22;236	11
2205	N. I. Shibanuma, K.Matsumoto, T.Takayama, K.Sanada, Y.Kurosaka, M.Kuroda, R.Hayashi, S., Early postoperative clinical recovery of robotic arm-assisted vs. image-based navigated Total hip Arthroplasty. BMC Musculoskeletal Disorders. 2021;22;314	12
2206	M. K. Abdul Rouf, V.Agarwal, A.Sharma, M.Rawat, S. K.Taneja, R., Effect of a novel technique of posterior reconstruction of pubourethralis on 'early' return of continence after robot assisted radical prostatectomy (RARP): A comparative study. Urologia (Treviso). 2021;88;315-320	3
2207	C. M. B. Song, H. S.Kim, H. G.Park, H. J.Tae, K., Health-related quality of life after transoral robotic thyroidectomy in papillary thyroid carcinoma. Surgery. 2021;170;99-105	12
2208	L. P. L. Kowalski, R. B., Anatomy, technique, and results of robotic retroauricular approach to neck dissection. Anatomical Record (Hoboken, N.J.: 2007). 2021;304;1235-1241	8
2209	S. W. Ipsen, D.Kuhlemann, I.Schweikard, A.Ernst, F., Towards automated ultrasound imaging-robotic image acquisition in liver and prostate for long-term motion monitoring. Physics in Medicine & Biology. 2021;66;23	2
2210	R. C. T. Moon, A. F.Jawad, M. A., To oversew or not to oversew in robotic sleeve gastrectomy: a case against oversewing the staple line. Langenbecks Archives of Surgery. 2021;406;1023-1027	3
2211	S. A. Mittal, A.Eftekharzadeh, S.Dinardo, L.Weaver, J.Weiss, D. A.Long, C.Srinivasan, A. K.Shukla, A. R., Primary vs redo robotic pyeloplasty: A comparison of outcomes. Journal of pediatric urology. 2021;17;528.e1-528.e7	3
2212	S. S. Motoyama, Y.Wakita, A.Nagaki, Y.Fujita, H.Sasamori, R.Kemuriyama, K.Takashima, S.Imai, K.Minamiya, Y., Lower local recurrence rate after robot-assisted thoracoscopic esophagectomy than conventional thoracoscopic surgery for esophageal cancer. Scientific Reports. 2021;11;6774	13
2213	J. Y. T. Wu, A.Kazanzides, P.Unberath, M., Cross-modal self-supervised representation learning for gesture and skill recognition in robotic surgery. International Journal of Computer Assisted Radiology & Surgery. 2021;16;779-787	5
2214	C. R. Harte, M.Querciagrossa, S.Druot, E.Vatta, F.Sarnacki, S.Dahmani, S.Orliaguet, G.Blanc, T., Anaesthesia management during paediatric robotic surgery: preliminary results from a single centre multidisciplinary experience. Anaesthesia Critical Care & Pain Medicine. 2021;40;100837	3
2215	W. C. Qin, M.Liu, D.Ren, X., A robotic chewing simulator supplying six-axis mandibular motion, high occlusal force, and a saliva environment for denture tests. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2021;235;751-761	2
2216	I. A. Darwich, M.Weiss, C.Stephan, D.Willeke, F., The Artisential R Articulated Laparoscopic Forceps: A Dry Lab Study to Examine Dexterity and Learning Effects in Operators with Different Levels of Laparoscopic Experience. Surgical Technology International. 2021;38;29-36	2
2217	W. H. C. Chen, C. Y., Postoperative quality of life and cosmetic outcome between minimally invasive video-assisted thyroidectomy and bilateral axillo-breast approach robotic thyroidectomy: a single center retrospective cohort study. Updates in Surgery. 2021;73;1459-1465	12

2218	R. G. Gullo, C. M.Palazzolo, M.Porrello, C.Gulotta, L.Lo Faso, F.Gulotta, G., Postoperative outcomes, lymph node dissection and effects on costs among thoracotomy, video-assisted and robotic-assisted lobectomy for clinical stage I non-small cell lung cancer. Minerva Surgery. 2021;76;80-89	13
2219	M. G. Ozmen, E.Guldogan, E., The current role of robotics in bariatric surgery. Minerva Surgery. 2021;76;24-32	5
2220	D. P. Z. Hu, X. L.Wang, H.Liu, W. H.Lv, Y. C.Shi, X. L.Feng, L. L.Zhang, W. S.Yang, X. F., Robotic-assisted versus conventional laparoscopic surgery for colorectal cancer: Short-term outcomes at a single center. Indian Journal of Cancer. 2021;58;225-231	12
2221	R. S. S. Jackson, K.Bollig, C.Sharma, R. K.Patel, M.Massa, S.Puram, S. V.Zevallos, J. P.Pipkorn, P.Zenga, J., Outcomes of HPV-Negative Oropharyngeal Cancer Treated With Transoral Robotic Surgery. Otolaryngology - Head & Neck Surgery. 2021;165;682-689	3
2222	K. E. S. Okhawere, I. F.Lee, S. H.Li, Y.Wong, J. A.Badani, K. K., Comparison of 1-Year Health Care Costs and Use Associated With Open vs Robotic-Assisted Radical Prostatectomy. JAMA Network Open. 2021;4;e212265	12
2223	A. G. Panattoni, A.Morganti, R.Mannella, P.Perutelli, A.Cela, V.Simoncini, T., Perioperative outcomes of the first five cases of surgeries for endometrial endometrioid cancer using the new integrated table motion for da Vinci Xi^R. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2254	3
2224	F. C. Barbara, F.De Robertis, V.Barbara, M., Flexible transoral robotic surgery: the Italian experience. Acta Otorhinolaryngologica Italica. 2021;41;24-30	3
2225	K. M. Tsuruta, R.Miyajima, M.Watanabe, A., Easy Suction Technique During Robotic-Assisted Thoracoscopic Lobectomy. Annals of Thoracic Surgery. 2021;112;e381-e382	2
2226	A. O. D. Asairinachan, F.Fua, T.Magarey, M. J. R.Dixon, B. J., Salvage transoral robotic surgery in early-stage oropharyngeal recurrence. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology. 2021;132;18-25	3
2227	N. R. M. Pagani, M. A.Puzzitiello, R. N.Menendez, M. E.Barnes, C. L.Kavolus, J. J., Online Crowdsourcing to Explore Public Perceptions of Robotic-Assisted Orthopedic Surgery. Journal of Arthroplasty. 2021;36;1887-1894.e3	5
2228	L. X. Lin, C.Shi, Y.Zhou, C.Zhu, M.Chai, G.Xie, L., Preliminary clinical experience of robot-assisted surgery in treatment with genioplasty. Scientific Reports. 2021;11;6365	5
2229	T. C. Kalbhenn, T.Coras, R.Fauser, S.Hagemann, A.Omaimen, H.Polster, T.Yasin, H.Woermann, F. G.Bien, C. G.Simon, M., Stereotactic depth electrode placement surgery in paediatric and adult patients with the Neuromate robotic device: Accuracy, complications and epileptological results. Seizure. 2021;87;81-87	3
2230	F. L. Dias, Advances in anatomical visualization on the head and neck through robotic surgery: A Brazilian perspective. Anatomical Record (Hoboken, N.J.: 2007). 2021;304;1224-1234	5
2231	I. R. Sucandy, S.Rosemurgy, A., Robotic Resection of a Type IIIB Klatskin Tumor. Journal of Gastrointestinal Surgery. 2021;25;1939-1940	8
2232	N. M. Ikoma, P. F.Badgwell, B. D., Robotic D2 Total Gastrectomy with Fluorescent Lymphatic Mapping for Gastric Cancer: Effective Use of the 4th Arm. Journal of Gastrointestinal Surgery. 2021;25;1354-1356	5
2233	M. H. Covas Moschovas, T.Reddy, S.Bhat, S.Rogers, T.Sandri, M.Noel, J.Patel, V., Minimally Invasive Lymphocele Drainage Using the Da Vinci Single-Port Platform: Step-By-Step Technique of a Prostate Cancer Referral Center. Journal of Endourology. 2021;35;1357-1364	3

2234	A. K. H. Lefor, K.Dosis, A.Mitsuishi, M., Motion analysis of the JHU-ISI Gesture and Skill Assessment Working Set II: learning curve analysis. International Journal of Computer Assisted Radiology & Surgery. 2021;16;589-595	2
2235	M. Morrow, Robotic mastectomy: the next major advance in breast cancer surgery?. British Journal of Surgery. 2021;108;233-234	5
2236	B. B. Petrut, C. E.Porav Hodade, D.Hardo, V. V.Ovidiu Coste, B.Maghiar, T. T.Achimas Cadariu, P.Vlad, C., Indocyanine green use in Urology. Journal of B.U.On.. 2021;26;266-274	2
2237	R. K. Damodaran Prabha, K.Mittal, A.Samra, J. S., The Robotic Spleen Preserving Distal Pancreatectomy Under Temporary Splenic Artery Occlusion: the Royal North Shore Technique. Journal of Gastrointestinal Surgery. 2021;25;1936-1938	2
2238	D. F. Zhang, Y.Zhou, L.Wang, T.Liang, N.Zhong, Y.Dionigi, G.Kim, H. Y.Sun, H., Prevention of non-recurrent laryngeal nerve injury in robotic thyroidectomy: imaging and technique. Surgical Endoscopy. 2021;35;4865-4872	8
2239	P. S. F. Waters, J.Larach, J. T.Fernando, D.Peacock, O.Foster, J. D.Flood, M.McCormick, J. J.Warrier, S. K.Heriot, A. G., Fellowship training in robotic colorectal surgery within the current hospital setting: an achievable goal?. ANZ Journal of Surgery. 2021;91;2337-2344	5
2240	S. K. Fukui, T.Nishizawa, Y.Nishikawa, A.Nakamura, T.Iwamoto, N.Horise, Y.Masamune, K., Locally operated assistant manipulators with selectable connection system for robotically assisted laparoscopic solo surgery. International Journal of Computer Assisted Radiology & Surgery. 2021;16;683-693	5
2241	P. P. Mascagni, N., OR black box and surgical control tower: Recording and streaming data and analytics to improve surgical care. Journal of visceral surgery. 2021;158;S18-S25	2
2242	S. v. d. H. Lof, N.Abuawwad, M.Al-Sarireh, B.Boggi, U.Butturini, G.Capretti, G.Coratti, A.Casadei, R.D'Hondt, M.Esposito, A.Ferrari, G.Fusai, G.Giardino, A.Groot Koerkamp, B.Hackert, T.Kamarajah, S.Kauffmann, E. F.Keck, T.Marudanayagam, R.Nickel, F.Manzoni, A.Pessaux, P.Pietrabissa, A.Rosso, E.Salvia, R.Soonawalla, Z.White, S.Zerbi, A.Besselink, M. G.Abu Hilal, M.European Consortium on Minimally Invasive Pancreatic, Surgery, Robotic versus laparoscopic distal pancreatectomy: multicentre analysis. British Journal of Surgery. 2021;108;188-195	12
2243	M. S. Nishi, M.Yoshikawa, K.Tokunaga, T.Kashihara, H.Takasu, C.Yoshikawa, M.Wada, Y.Yoshimoto, T.Nakasu, C., Advantages of the Left-handed Ultrasonic Shears Technique for Robotic Gastrectomy. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2021;31;497-501	3
2244	O. Y. G. Kudsi, F.Bou-Ayash, N.Chudner, A., Robotic sigmoidectomy for diverticulitis - Natural orifice extraction with stapleless hand-sewn intracorporeal anastomosis. Colorectal Disease. 2021;23;1919-1923	3
2245	M. V. Nakauchi, E.Janjigian, Y. Y.Ku, G. Y.Schattner, M. A.Nishimura, M.Gonen, M.Coit, D. G.Strong, V. E., Comparison of Long- and Short-term Outcomes in 845 Open and Minimally Invasive Gastrectomies for Gastric Cancer in the United States. Annals of Surgical Oncology. 2021;28;3532-3544	12
2246	K. F. M. Kowalewski, D.Kirchner, M.Brinster, R.Muhlbauer, J.Sidoti Abate, M. A.Walach, M. T.Nuhn, P.Honeck, P.Michel, M. S.Kriegmair, M. C., Robotic-Assisted Versus Conventional Open Partial Nephrectomy (Robocop): A Propensity Score-Matched Analysis of 249 Patients. Urologia Internationalis. 2021;105;490-498	13
2247	Z. D. Li, J.De Momi, E., Path planning for endovascular catheterization under curvature constraints via two-phase searching approach. International Journal of Computer Assisted Radiology & Surgery. 2021;16;619-627	2

2248	M. Nicholls, Mark Nicholls speaks to Professor Eric Durand and Professor Remi Sabatier about Europe's first remote robotic-assisted angioplasty procedure. European Heart Journal. 2021;42;3033-3035	8
2249	J. H. L.-R. Shaw, K. G.Buckley, P. J.Weir, R. M.Banka, T. R.Davis, J. J., Minimal Clinically Important Difference in Robotic-Assisted Total Knee Arthroplasty Versus Standard Manual Total Knee Arthroplasty. Journal of Arthroplasty. 2021;36;S233-S241	12
2250	C. K. Huttenbrink, P.Klein, T.Distler, F.Pandey, A.Pahernik, S., Combination of Robotic Pyeloplasty and Percutaneous Renal Surgery for Simultaneous Treatment of Ureteropelvic Junction Obstruction and Calyx Stones. Urologia Internationalis. 2021;105;637-641	3
2251	E. W. Charters, R.Milross, C.Bogaardt, H.Freeman-Sanderson, A.Ballard, K.Davies, S.Oates, J.Clark, J., Swallowing and communication outcomes following primary transoral robotic surgery. Head & Neck. 2021;43;2013-2023	3
2252	J. C. T. Ngu, N. Z., A novel method to objectively assess robotic assistance in laparoscopic colorectal surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2251	12
2253	H. T. Vermue, P.Gryson, T.Victor, J., Can robot-assisted total knee arthroplasty be a cost-effective procedure? A Markov decision analysis. Knee. 2021;29;345-352	4
2254	J. V. M. M. d. O. Grossi, F. M.Parra-Davila, E.Ballecer, C.Cavazzola, L. T., Robotic-assisted onlay technique: new approach using anterior mesh positioning in ventral hernia repair-an easy way to spread robotic surgery. Journal of Robotic Surgery. 2021;15;971-974	3
2255	W. S. R. Ham, K. H.Han, W. K.Kwon, T. G.Kim, T. H.Jeon, S. H.Lee, S. H.Kang, S. H.Kang, S. G.Nam, J. K.Kim, W.Jeong, B. C.Ku, J. H.Oh, J. J.Lee, S. C.Lee, J. Y.Hong, S. H.Lee, Y. G.Lee, Y. S.Park, S. Y.Yoon, Y. E.Kim, J., Oncologic Outcomes of Intracorporeal vs Extracorporeal Urinary Diversion After Robot-Assisted Radical Cystectomy: A Multi-Institutional Korean Study. Journal of Endourology. 2021;35;1490-1497	3
2256	J. T. V. Gross, J. M.Sands, K. G.Palka, J. K.Bhayani, S. B.Figenshau, R. S.Kim, E. H., Initial Experience with Single-Port Robot-Assisted Radical Cystectomy: Comparison of Perioperative Outcomes Between Single-Port and Conventional Multiport Approaches. Journal of Endourology. 2021;35;1177-1183	3
2257	H. Z. Wang, S., Laparoscopic surgical device with modular end tools for real-time endomicroscopy and therapy. Medical & Biological Engineering & Computing. 2021;59;787-797	2
2258	M. A. M. Machado, B. V.Lobo Filho, M. M.Makdissi, F. F., Robotic Artery-First Approach During Pancreatoduodenectomy. Annals of Surgical Oncology. 2021;28;6257-6261	3
2259	C. N. Qian, B.Jimenez, R. B.Wang, J.Albarghouthi, M., Fully automated peptide mapping multi-attribute method by liquid chromatography-mass spectrometry with robotic liquid handling system. Journal of Pharmaceutical & Biomedical Analysis. 2021;198;113988	2
2260	I. M. Nasir, A.Aliozo, C. C.Abunada, M. H.Parvaiz, A., State of the art in robotic rectal surgery: marginal gains worth the pain?. Updates in Surgery. 2021;73;1073-1079	5
2261	B. A. P. Miles, M. R.Gupta, V.Teng, M. S.Bakst, R. L.Yao, M.Misiukiewicz, K. J.Chai, R. L.Sharma, S.Westra, W. H.Kim-Schulze, S.Dayal, B.Sobotka, S.Sikora, A. G.Som, P. M.Genden, E. M., De-Escalated Adjuvant Therapy After Transoral Robotic Surgery for Human Papillomavirus-Related Oropharyngeal Carcinoma: The Sinai Robotic Surgery (SIRS) Trial. Oncologist. 2021;26;504-513	3
2262	F. P. Covaciu, A.Iordan, A. E., Development of a Virtual Reality Simulator for an Intelligent Robotic System Used in Ankle Rehabilitation. Sensors. 2021;21;23	2

2263	G. E. S. Cacciamani, M.Tafuri, A.Nassiri, N.Cocci, A.Russo, G. I.Hung, A.de Castro Abreu, A. L.Gill, I. S.Artibani, W., Consulting 'Dr. Google' for minimally invasive urological oncological surgeries: A contemporary web-based trend analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2250	2
2264	Z. J. H. Liu, Y. C.Tian, W.Jin, X.Qi, H. T.Sun, Y. X.Jia, J., Robot-Aided Minimally Invasive Lumbopelvic Fixation in Treatment of Traumatic Spinopelvic Dissociation. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2021;13;563-572	12
2265	Y. Y. Ma, Z.Wu, W.Xie, H.Gu, L., Target localization during respiration motion based on LSTM: A pilot study on robotic puncture system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2247	2
2266	M. G. N. Maggio, A.Manuli, A.Maresca, G.Balletta, T.Latella, D.De Luca, R.Calabro, R. S., Effects of Robotic Neurorehabilitation on Body Representation in Individuals with Stroke: A Preliminary Study Focusing on an EEG-Based Approach. Brain Topography. 2021;34;348-362	2
2267	S. M. Kobayashi, J.Kashiwagi, E.Takeuchi, A.Shiota, M.Inokuchi, J.Eto, M., Clinical advantages of robot-assisted partial nephrectomy versus laparoscopic partial nephrectomy in terms of global and split renal functions: A propensity score-matched comparative analysis. International Journal of Urology. 2021;28;630-636	13
2268	K. A. W. Greene, A. M.Tamhane, N.Tanner, J. P.Bassaly, R. M.Salemi, J. L., Adnexal surgery at the time of hysterectomy in women 65 years and older undergoing hysterectomy for prolapse: do practice trends differ by route of surgery?. International Urogynecology Journal. 2021;32;2185-2193	2
2269	D. P. I. S. Capaldi, L. B.Dubrowski, P.Zhang, H.Xing, L.Chuang, C. F.Loo, B. W.Bush, K. K.Fahimian, B. P.Yu, A. S., A robotically assisted 3D printed quality assurance lung phantom for Calypso. Physics in Medicine & Biology. 2021;66;6	2
2270	G. B. Spampinato, A.Fourcade, L.Mendoza Sagaon, M.Villemagne, T.Braik, K.Grosos, C.Lardy, H.Ballouhey, Q., Comparison of the Learning Curve for Robot-Assisted Laparoscopic Pyeloplasty Between Senior and Junior Surgeons. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;478-483	3
2271	G. F. McClintock, J.Ahmadi, N.Thanigasalam, R.Trompf, L.Leslie, S., Occult retained needle in an AirSeal port during robotic radical cystectomy. ANZ Journal of Surgery. 2021;91;E680-E681	3
2272	S. S. Ribault, E.Berthiller, J.Polo, G.Nunes, A.Brinzeu, A.Mertens, P.Danaila, T.Thobois, S.Laurencin, C., Comparison of clinical outcomes and accuracy of electrode placement between robot-assisted and conventional deep brain stimulation of the subthalamic nucleus: a single-center study. Acta Neurochirurgica. 2021;163;1327-1333	2
2273	I. P. Dominique, C.Seizilles De Mazancourt, E.Ecochard, R.Hacquard, H.Tremblais, B.Morel Journel, N.Champetier, D.Ruffion, A.Paparel, P., Enhanced Recovery after Robot-Assisted Partial Nephrectomy for Cancer: Is it Better for Patients to Have a Quick Discharge?. Urologia Internationalis. 2021;105;499-506	3
2274	Y. L. E. Cheng, E. F., Role of Robotic Surgery in Complex Revisional Bariatric Procedures. Obesity Surgery. 2021;31;2583-2589	3
2275	C. W. Xu, Y.Zhou, C.Zhang, Z.Xie, L.Andersson, K.Feng, L., Application research of master-slave cranio-maxillofacial surgical robot based on force feedback. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2021;235;583-596	2
2276	J. C. K. Kim, C. W.Lee, J. L.Yoon, Y. S.Park, I. J.Kim, J. R.Kim, J.Park, S. H., Complete intersphincteric longitudinal muscle excision May Be key to reducing local recurrence during intersphincteric resection. European Journal of Surgical Oncology. 2021;47;1629-1636	3

2277	B. D. A. Martinez, H.Chulkov, M.Alharthi, S.Nazzal, M. M. S.Sferra, J., Development and evolution of a robotic surgical technique for the treatment of thoracic outlet syndrome. Journal of Vascular Surgery. 2021;74;938-945.e1	3
2278	M. J. H. Gerber, J. P.Tsao, T. C., Robotic posterior capsule polishing by optical coherence tomography image guidance. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2248	7
2279	R. C. d. T. Vilallonga, A.Moller, E. G.Pineiro, L. V.Segura, M. B.Ferreruela, M. P.Mata, R. M.Caubet, E.Gonzalez, O.Ruiz de Gordejuela, A. G.Ciudin, A.Fort, J. M.Carrasco, M. A., Robotic Revisional Experience. Single Centre Prospective Cohort Study and Review of the Literature. Chirurgia (Bucuresti). 2021;116;44757	3
2280	J. W. C. Shim, Y. J.Moon, H. W.Park, J.Lee, H. M.Kim, Y. S.Moon, Y. E.Hong, S. H.Chae, M. S., Analgesic efficacy of intrathecal morphine and bupivacaine during the early postoperative period in patients who underwent robotic-assisted laparoscopic prostatectomy: a prospective randomized controlled study. BMC Urology. 2021;21;30	3
2281	P. S. Legeza, K.Sungur, J. M.Loh, T. M.Britz, G.Lumsden, A., Preclinical study testing feasibility and technical requirements for successful telerobotic long distance peripheral vascular intervention. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2249	2
2282	D. S. Sano, A.Tateya, I.Fujiwara, K.Mori, T.Miyamoto, S.Nishikawa, D.Terada, T.Yasumatsu, R.Ueda, T.Matsumoto, F.Kishimoto, Y.Maruo, T.Fujimoto, Y.Tsukahara, K.Yoshimoto, S.Nibu, K. I.Oridate, N., Treatment outcomes of transoral robotic and non-robotic surgeries to treat oropharyngeal, hypopharyngeal, and supraglottic squamous cell carcinoma: A multi-center retrospective observational study in Japan. Auris, Nasus, Larynx. 2021;48;502-510	13
2283	N. H. O. Dhanani, O. A.Holihan, J. L.Shah, S. K.Wilson, T. D.Loor, M. M.Ko, T. C.Kao, L. S.Liang, M. K., Robotic Versus Laparoscopic Ventral Hernia Repair: One-year Results From a Prospective, Multicenter, Blinded Randomized Controlled Trial. Annals of Surgery. 2021;273;1076-1080	12
2284	E. K. Jeong Jang, S. H.Kim, K. W., Early Outcomes of Robotic Single Site Cholecystectomy Using the DaVinci Xi R System. Journal of the Society of Laparoendoscopic Surgeons. 2021;25;Jan-Mar	3
2285	R. A. W. Hammarlund, K. L.Zielinski, M. H.Jubert, J. C., Benefits of Affordable Robotic Pet Ownership in Older Adults With Dementia. Journal of Gerontological Nursing. 2021;47;18-22	2
2286	I. C. Song, S.Nedeljkovic, S. S.Lee, S. R.Lee, C.Kim, J.Bai, S. J., Role of VVZ-149, a Novel Analgesic Molecule, in the Affective Component of Pain: Results from an Exploratory Proof-of-Concept Study of Postoperative Pain following Laparoscopic and Robotic-Laparoscopic Gastrectomy. Pain Medicine. 2021;22;2037-2049	2
2287	P. J. S. Chen, W. C.Chang, T. K.Chen, Y. C.Li, C. C.Yin, T. C.Tsai, H. L.Ma, C. J.Huang, C. W.Wang, J. Y., Oncological outcomes of robotic-assisted total mesorectal excision after neoadjuvant concurrent chemoradiotherapy in patients with rectal cancer. Asian Journal of Surgery. 2021;44;957-963	3
2288	O. M. Martinez, C.Bsatee, A.Brown Dh,, Jr.Abaza, R., Impact of Surgeon-Controlled Suction During Robotic Prostatectomy to Reduce Dependence on Bedside Assistance. Journal of Endourology. 2021;35;1163-1167	3
2289	J. B. L. Kukreja, R.Narayan, V. M.Lim, A.Seif, M.Wang, X.Kamat, A.Dinney, C.Navai, N., Oncologic Equipoise Between Robotic and Open Radical Cystectomy. Journal of Endourology. 2021;35;1168-1176	13
2290	E. M. d. P. Haas, T. R.Luna-Saracho, R.Smith, M. S.LeFave, J. J., Robotic natural-orifice IntraCorporeal anastomosis with Extraction (NICE procedure) for complicated diverticulitis. Surgical Endoscopy. 2021;35;3205-3213	3

2291	J. S. Linxweiler, J.Cascetta, K.Pryalukhin, A.Holters, S.Zeuschner, P.Nini, A.Al-Kailani, Z.Ezziddin, S.Bohle, R. M.Fries, P.Ohlmann, C. H.Heinzelbecker, J.Siemer, S.Stockle, M.Junker, K.Saar, M., Robotic Salvage Lymph Node Dissection in Recurrent Prostate Cancer: Lessons Learned from 68 Cases and Implications for Future Clinical Management. Journal of Urology. 2021;206;88-96	3
2292	E. Q. Kang, H.Gao, J.Yang, W., Neural network-based model predictive tracking control of an uncertain robotic manipulator with input constraints. ISA Transactions. 2021;109;89-101	2
2293	H. C. M. McCrary, S. R.Luman, A.O'Sullivan, P.Smith, B.Cannon, R. B., A National Survey of Robotic Surgery Training Among Otolaryngology-Head and Neck Surgery Residents. Annals of Otology, Rhinology & Laryngology. 2021;130;1085-1092	5
2294	W. T. Jing, H.Rahman, M. A.Kabir, M. N.Yafeng, L.Zhang, R.Salih, S. Q.Zain, J. M., RERS-CC: Robotic facial recognition system for improving the accuracy of human face identification using HRI. Work. 2021;68;923-934	2
2295	S. D. J. S. Gong, R.Pandian, S., Meta-Heuristic Feature Optimization for ontology-based data security in a campus workplace with robotic assistance. Work. 2021;68;913-922	2
2296	F. V. Muysoms, M.Nachtergaele, F.Van Garsse, S.Pletinckx, P.Ramaswamy, A., Economic assessment of starting robot-assisted laparoscopic inguinal hernia repair in a single-centre retrospective comparative study: the EASTER study. Bjs Open. 2021;5;8	12
2297	R. D. Shah, A.Phieffer, L.Quatman, C.Glassman, A.Hyer, J. M.Tsilimigras, D.Pawlik, T. M., Robotic total knee arthroplasty: A missed opportunity for cost savings in Bundled Payment for Care Improvement initiatives?. Surgery. 2021;170;134-139	4
2298	L. S. Regis, A.Planas, J.Celma, A.Cuadras, M.Roche, S.Mast, R.Morote, J.Trilla, E., The position of urethrovesical anastomosis after robotic radical prostatectomy assessed by MRI predicts early functional recovery: A cohort analyses from a randomized clinical trial. European Journal of Radiology. 2021;137;109589	3
2299	H. H. Veerman, A. P. I.Schutte, P. F. E.Nieuwenhuijzen, J. A.Roeleveld, T. A.Wit, E.Mazel, J. W.van der Sluis, T. M.Vis, A. N.van Leeuwen, P. J.van der Poel, H. G., Intraoperative Strategies to Reduce Catheter-Related Bladder Discomfort in the Early Postoperative Period after Robot-Assisted Radical Prostatectomy. Journal of Urology. 2021;205;1671-1680	3
2300	A. G. Lustig, A., Three-dimensional shape-conformation performances of wound dressings tested in a robotic sacral pressure ulcer phantom. International Wound Journal. 2021;18;670-680	2
2301	P. A. Koukourikis, A. A.Almujalhem, A.Lee, J.Han, W. K.Rha, K. H., Robot-assisted partial nephrectomy for high-complexity tumors (PADUA score >=10): Perioperative, long-term functional and oncologic outcomes. International Journal of Urology. 2021;28;554-559	3
2302	S. Z. Li, H.Xiao, C.Wang, R.Wu, Y., Robotically assisted coronary artery bypass graft surgery versus drug-eluting stents for patients with stable isolated proximal left anterior descending disease. Journal of Cardiac Surgery. 2021;36;1864-1871	13
2303	M. S. K. Gundeti, R.Mohammad, M., Robotic assisted ileo-vaginoplasty for vaginal atresia. Journal of pediatric urology. 2021;17;273-274	3
2304	U. J. K. Yang, D.Hwang, M.Kong, D.Kim, J.Nho, Y. H.Lee, W.Kwon, D. S., A novel microsurgery robot mechanism with mechanical motion scalability for intraocular and reconstructive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2240	3

2305	R. R. Jackson, E.Jose, J., Endoscopic video-assisted transoral (EVAT) surgery of the oropharynx: clinical, oncological and functional outcomes. European Archives of Oto-Rhino-Laryngology. 2021;278;4449-4458	2
2306	D. E. A.-G. Zilberman, Y.Raviv, G.Rosenzweig, B.Fridman, E.Portnoy, O.Dotan, Z. A., Oncologic Outcomes Following Robot-Assisted Radical Prostatectomy for Clinical T3 Prostate Disease. Israel Medical Association Journal: Imaj. 2021;23;111-115	3
2307	K. S. R. Faraj, K. M.Navaratnam, A. K.Abdul-Muhsin, H. M.Eversman, S.Singh, V.Tyson, M. D., Effect of intracorporeal urinary diversion on the incidence of benign ureteroenteric stricture after cystectomy. International Journal of Urology. 2021;28;593-597	13
2308	S. H. C. Song, G. S.Kim, H. J.Park, J. S.Park, S. Y.Lee, S. M.Choi, J. A.Seok, H. A., Long-term clinical outcomes of total mesorectal excision and selective lateral pelvic lymph node dissection for advanced low rectal cancer: a comparative study of a robotic versus laparoscopic approach. Techniques in Coloproctology. 2021;25;413-423	12
2309	L. Z. Zheng, Z.Wang, Z.Bao, K.Yang, L.Yan, B.Yan, Z.Ye, W.Yang, R., A multiple closed-loops robotic calibration for accurate surgical puncture. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2242	2
2310	Y. K. T. Chao, C. Y.Illias, A. M.Chen, C. Y.Chiu, C. H.Chuang, W. Y., A standardized procedure for upper mediastinal lymph node dissection improves the safety and efficacy of robotic McKeown oesophagectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2244	3
2311	A. A. Sanci, C.Gokce, M. I.Suer, E.Gulpinar, O., Is robotic-assisted sacrocolpo(hystero)pexy safe and effective in women over 65 years of age?. International Urogynecology Journal. 2021;32;2211-2217	12
2312	J. H. C. Lee, K. T.Chang, K. S.Chen, C. M., How I do it? Fully endoscopic rhizotomy assisted with three-dimensional robotic C-arm navigation for sacroiliac joint pain. Acta Neurochirurgica. 2021;163;3297-3301	5
2313	Q. Z. Liu, G.Zhao, Z.Zhang, X.Gao, Y.Tan, X.Liu, R., The standardized technique in robotic radical antegrade modular pancreatosplenectomy using the flip-up approach. Langenbecks Archives of Surgery. 2021;406;1697-1703	5
2314	S. L. Zhang, D.Wang, Y.Yang, X.Zhang, Z.Sun, R.Lu, Y.Jiang, X.Li, Y., A novel method for pi-shaped esophagojejunostomy and double-tract reconstruction (DTR) as an alternative in totally laparoscopic or robotic proximal gastrectomy for treating upper third proximal early gastric cancer. Updates in Surgery. 2021;73;597-605	12
2315	D. S. L. Lee, S. J., Urodynamic evaluation of patients with localized prostate cancer before and 4 months after robotic radical prostatectomy. Scientific Reports. 2021;11;3632	3
2316	V. J. Gallotta, S. Y.Conte, C.Trozzi, R.Cappuccio, S.Moroni, R.Ferrandina, G.Scambia, G.Kim, T. J.Fagotti, A., Minimally invasive surgical staging for early stage ovarian cancer: A long-term follow up. European Journal of Surgical Oncology. 2021;47;1698-1704	5
2317	S. L. Cheng, X.Yang, K.Xiong, S.Li, Z.Zhu, H.Zhang, P.Li, X.Guan, H.Li, Z.Hao, H.Zhang, L.Li, X.Zhou, L., Modified Laparoscopic and Robotic Flap Pyeloplasty for Recurrent Ureteropelvic Junction Obstruction with a Long Proximal Ureteral Stricture: The "Wishbone" Anastomosis and the "Ureteral Plate" Technique. Urologia Internationalis. 2021;105;642-649	13
2318	H. K. Sicim, M.Erol, G.Yildirim, V.Bolcal, C.Demirkilic, U., Comparison of postoperative outcomes between robotic mitral valve replacement and conventional mitral valve replacement. Journal of Cardiac Surgery. 2021;36;1411-1418	13

2319	B. G. C. Domb, J. W.Kyin, C.Bheem, R.Karom, J.Shapira, J.Rosinsky, P. J.Lall, A. C.Maldonado, D. R., Primary Robotic-Arm Assisted Total Hip Arthroplasty: An Analysis of 501 Hips With 44-Month Follow-up. Orthopedics. 2021;44;70-76	3
2320	S. X. Yu, H.Zhang, Y.Zhang, X.Dyer, M. A.Hirsch, A. E.Tam Truong, M.Zhen, H., Knowledge-based planning in robotic intracranial stereotactic radiosurgery treatments. Journal of Applied Clinical Medical Physics. 2021;22;48-54	2
2321	S. M. V. C. Schermerhorn, M. S.Rocco, N. R.Abdul-Muhsin, H.L'Esperance, J. O.Castle, E. P.Stroup, S. P., Learning Curve for Robotic-Assisted Laparoscopic Retroperitoneal Lymph Node Dissection. Journal of Endourology. 2021;35;1483-1489	3
2322	O. S. Adorisio, M.Torino, G., Evaluation of educational value of YouTube videos addressing robotic pyeloplasty in children. Journal of pediatric urology. 2021;17;390.e1-390.e4	1
2323	D. F. Doria, S.Giannini, A.Simoncini, T.Bianchi, M., Enhancing the Localization of Uterine Leiomyomas Through Cutaneous Softness Rendering for Robot-Assisted Surgical Palpation Applications. IEEE Transactions on Haptics. 2021;14;503-512	5
2324	K. K. Fujiwara, S.Taira, K.Kawamoto, K.Fukuhara, T.Takeuchi, H., Evaluation of pharyngeal swallowing pressure using high-resolution manometry during transoral surgery for oropharyngeal cancer. Journal of Laryngology & Otology. 2021;135;153-158	2
2325	G. G. De Biase, K.Garcia, D.Abode-Iyamah, K.Deen, G.Nottmeier, E.Chen, S., Perioperative Comparison of Robotic-Assisted Versus Fluoroscopically Guided Minimally Invasive Transforaminal Lumbar Interbody Fusion. World Neurosurgery. 2021;149;e570-e575	12
2326	R. Z. Luo, F.Zhang, H.Zhu, W.He, P.Liu, D., Robotic natural orifice specimen extraction surgery versus traditional robotic-assisted surgery (NOTR) for patients with colorectal cancer: a study protocol for a randomized controlled trial. Trials [Electronic Resource]. 2021;22;121	11
2327	T. S. Homma, Y.Tanabe, K.Akemoto, Y.Ojima, T.Yamamoto, Y.Kitamura, N.Yoshimura, N., Adverse factors and postoperative neuropathic pain in challenging video-assisted thoracoscopic surgery. Annals of Palliative Medicine. 2021;10;2849-2858	2
2328	B. S. R. Benn, A. O.Lum, M.Krishna, G., Robotic-Assisted Navigation Bronchoscopy as a Paradigm Shift in Peripheral Lung Access. Lung. 2021;199;177-186	3
2329	L. C. Ottenstein, H.Switchenko, J. M.Nathan, M.Thomas, S.Gillespie, A. I.McColloch, N.Barrett, T.Studer, M. B.Brinkman, M.Kaka, A. S.Boyce, B. J.Ferris, R. L.Aiken, A. H.El-Deiry, M.Beitler, J. J.Patel, M. R., Characterizing postoperative physiologic swallow function following transoral robotic surgery for early stage tonsil, base of tongue, and unknown primary human papillomavirus-associated squamous cell carcinoma. Head & Neck. 2021;43;1629-1640	3
2330	B. N. L. Cezarino, R. I.Berjeaut, R. H.Denes, F. T., Laparoscopic hidden incision endoscopic surgery (hides) nephrectomy VS. Traditional laparoscopic nephrectomy: Non-inferior surgical outcomes and better cosmetic results. Journal of pediatric urology. 2021;17;411.e1-411.e6	2
2331	D. Y. C. Yu, Y. W.Lee, H. Y.Kim, W. Y.Kim, H. Y.Lee, J. B.Son, G. S., Detailed comparison of the da Vinci Xi and S surgical systems for transaxillary thyroidectomy. Medicine. 2021;100;e24370	3
2332	T. H. W. Lin, C. W.Shen, C. H.Chang, K. H.Lai, C. H.Liu, T. J.Chen, K. J.Chen, Y. W.Lee, W. L.Su, C. S., Clinical outcomes of multivessel coronary artery disease patients revascularized by robot-assisted vs conventional standard coronary artery bypass graft surgeries in real-world practice. Medicine. 2021;100;e23830	13
2333	D. P. Collins, H. M.Skipworth, R. J. E.Speake, D., Implementation of the Versius robotic surgical system for colorectal cancer surgery: First clinical experience. Colorectal Disease. 2021;23;1233-1238	3

2334	K. S. Nishimura, Y.Sugihara, N.Funaki, K.Koyama, K.Noda, T.Fukumoto, T.Miura, N.Miyauchi, Y.Kikugawa, T.Saika, T., A low RENAL Nephrometry Score can avoid the need for the intraoperative insertion of a ureteral catheter in robot-assisted partial nephrectomy. World Journal of Surgical Oncology. 2021;19;40	3
2335	V. G. Aliyev, S.Bakir, B.Guven, K.Asoglu, O., Sphincter-Saving Robotic Total Mesorectal Excision Provides Better Mesorectal Specimen and Good Oncological Local Control Compared with Laparoscopic Total Mesorectal Excision in Male Patients with Mid-Low Rectal Cancer. Surgical Technology International. 2021;38;160-166	12
2336	U. J. L. Hesse, J.Giulini, L.Vladimirov, M.Dubecz, A.Stein, H. J., Minimally Invasive Conversion of a Gastric Bypass into Sleeve Gastrectomy for Postprandial Hyperinsulinemic Hypoglycemia. Obesity Surgery. 2021;31;1897-1898	5
2337	D. G. C. Karp, D.Tandel, D.Danh, K.Robinson, P. V.Seftel, D.Tian, H.Pandori, M.Miller, K. W. P.Tsai, C. T., Sensitive and Specific Detection of SARS-CoV-2 Antibodies Using a High-Throughput, Fully Automated Liquid-Handling Robotic System. SLAS Technology. 2020;25;545-552	2
2338	M. W. Marsden, B. W.Bec, J.Sun, T.Gandour-Edwards, R. F.Birkeland, A. C.Abouyared, M.Bewley, A. F.Farwell, D. G.Marcu, L., Intraoperative Margin Assessment in Oral and Oropharyngeal Cancer Using Label-Free Fluorescence Lifetime Imaging and Machine Learning. IEEE Transactions on Biomedical Engineering. 2021;68;857-868	2
2339	T. S. Tabourin, J.Pinar, U.Beaud, N.Parra, J.Vaessen, C.Gomez, F.Benamran, D.Canlorbe, G.Belghiti, J.Chartier-Kastler, E.Cussenot, O.Seisen, T.Roupret, M., Postoperative assessment of nosocomial transmission of COVID-19 after robotic surgical procedures during the pandemic. Urologic Oncology. 2021;39;298.e7-298.e11	3
2340	S. O. Erus, A. B.Albayrak, O.Incir, S.Kapdagli, M. H.Cesur, E. E.Yavuz, O.Tanju, S.Dilege, S., Immune profiling after minimally invasive lobectomy. Interactive Cardiovascular & Thoracic Surgery. 2021;32;291-297	5
2341	T. K. Fujita, T.Kawamoto, N.Shimahara, Y.Yajima, S.Tadokoro, N.Kitamura, S.Kobayashi, J.Fukushima, S., Benefits of robotically-assisted surgery for complex mitral valve repair. Interactive Cardiovascular & Thoracic Surgery. 2021;32;417-425	13
2342	A. C. Mortezavi, A.Edeling, S.Pokupic, S.Dell'Oglio, P.Montorsi, F.D'Hondt, F.Mottrie, A.Decaestecker, K.Wijburg, C. J.Collins, J.Kelly, J. D.Tan, W. S.Sridhar, A.John, H.Canda, A. E.Schwentner, C.Ronmark, E. P.Wiklund, P.Hosseini, A., Morbidity and mortality after robot-assisted radical cystectomy with intracorporeal urinary diversion in octogenarians: results from the European Association of Urology Robotic Urology Section Scientific Working Group. BJU International. 2021;127;585-595	3
2343	D. B. Kelkar, M. A.Godbole, G. P.Kurlekar, U.Slack, M., Interim safety analysis of the first-in-human clinical trial of the Versius surgical system, a new robot-assisted device for use in minimal access surgery. Surgical Endoscopy. 2021;35;5193-5202	4
2344	J. H. D. Assam, M. C.Bakken, S.Spanos, W. C., Adverse event reporting in head and neck transoral robotic surgery: a MAUDE database study. Journal of Robotic Surgery. 2021;15;899-904	3
2345	N. L. P. Kavoussi, B.Ferguson, J. M.Granna, J.Remirez, A.Nimmagadda, N.Melnyk, R.Ghazi, A.Barth, E. J.Webster, R. J.Herrell, S. D., Accuracy of Touch-Based Registration During Robotic Image-Guided Partial Nephrectomy Before and After Tumor Resection in Validated Phantoms. Journal of Endourology. 2021;35;362-368	7

2346	M. G. T. White, C. W.Ikoma, N.Chun, Y. S.Aloia, T. A.Vauthey, J. N.Cao, H. S. T., Robotic Partial Segment VIII Resection. Annals of Surgical Oncology. 2021;28;1513	3
2347	V. S. Stumpo, V. E.Klukowska, A. M.Golahmadi, A. K.Gadjradj, P. S.Schroder, M. L.Veeravagu, A.Stienen, M. N.Serra, C.Regli, L., Global adoption of robotic technology into neurosurgical practice and research. Neurosurgical Review. 2021;44;2675-2687	5
2348	S. A. Schonburg, P.Kranz, J.Fornara, P.Oubaid, V., Cognitive training for robotic surgery: a chance to optimize surgical training? A pilot study. Journal of Robotic Surgery. 2021;15;761-767	1
2349	P. K. Meershoek, G. H.van Willigen, D. M.Bauwens, K. P.Spa, S. J.van Beurden, F.van Gennep, E. J.Mottrie, A. M.van der Poel, H. G.Buckle, T.van Leeuwen, F. W. B.van Oosterom, M. N., Multi-wavelength fluorescence imaging with a da Vinci Firefly-a technical look behind the scenes. Journal of Robotic Surgery. 2021;15;751-760	2
2350	G. M. C. Garbarino, G.Frezza, B.Biancafarina, A.Balducci, G.Mercantini, P.De Prizio, M.Laracca, G. G.Ceccarelli, G., Robotic versus open oncological gastric surgery in the elderly: a propensity score-matched analysis. Journal of Robotic Surgery. 2021;15;741-749	12
2351	A. A. Thomas, K.Sochorova, D.Gur, U.Parvaiz, A.Ahmed, S., Effective implementation and adaptation of structured robotic colorectal programme in a busy tertiary unit. Journal of Robotic Surgery. 2021;15;731-739	12
2352	X. Y. Duan, J.Chen, C.Gong, L.Ma, Z.Shang, X.Yu, Z.Jiang, H., Lymph node dissection around left recurrent laryngeal nerve: robot-assisted vs. video-assisted McKeown esophagectomy for esophageal squamous cell carcinoma. Surgical Endoscopy. 2021;35;6108-6116	13
2353	G. N. R. Moawad, S.Martino, M. A.Klebanoff, J. S., Robotic surgery during the COVID pandemic: why now and why for the future. Journal of Robotic Surgery. 2020;14;917-920	8
2354	T. S. H. Feng, G.Islam, A.Porter, J. R., Comparison of valve-less and standard insufflation on pneumoperitoneum-related complications in robotic partial nephrectomy: a prospective randomized trial. Journal of Robotic Surgery. 2021;15;381-388	3
2355	Y. L. Yang, B.Hua, R.Zhang, X.Jiang, H.Sun, Y.Veronesi, G.Ricciardi, S.Casiraghi, M.Durand, M.Caso, R.Sarkaria, I. S.Li, Z.Written on behalf of the, A. M. E. Thoracic Surgery Collaborative Group, Assessment of Quality Outcomes and Learning Curve for Robot-Assisted Minimally Invasive McKeown Esophagectomy. Annals of Surgical Oncology. 2021;28;676-684	3
2356	S. A. S. Ayuso, J. M.Deerenberg, E. B.Elhage, S. A.George, M. B.Heniford, B. T.Augenstein, V. A., Robotic Sugarbaker parastomal hernia repair: technique and outcomes. Hernia. 2021;25;809-815	3
2357	O. Y. G. Kudsi, F.Bou-Ayash, N.Crawford, A. S.Chung, S. K.Chang, K.Litwin, D., Learning curve in robotic transabdominal preperitoneal (rTAPP) ventral hernia repair: a cumulative sum (CUSUM) analysis. Hernia. 2021;25;755-764	3
2358	C. R. H. Schmidt, B. R.Musgrove, K. A.Rao, P.Marsh, J. W.Thomay, A. A.Hogg, M. E.Zeh, H. J.Zureikat, A. H.Boone, B. A., Formal robotic training diminishes the learning curve for robotic pancreatoduodenectomy: Implications for new programs in complex robotic surgery. Journal of Surgical Oncology. 2021;123;375-380	3
2359	A. G. AlAshqar, M. E.Kilic, G. S.Borahay, M. A., Predictors of the cost of hysterectomy for benign indications. Journal of Gynecology Obstetrics and Human Reproduction. 2021;50;101936	2

2360	V. E. R. Strong, A. E.Nakauchi, M.Schattner, M.Selby, L. V.Herrera, G.Tang, L.Gonen, M., Robotic Gastrectomy for Gastric Adenocarcinoma in the USA: Insights and Oncologic Outcomes in 220 Patients. Annals of Surgical Oncology. 2021;28;742-750	3
2361	V. K. Santamaria, M.Luna, T.Kang, J.Dutkowsky, J.Gordon, A. M.Agrawal, S. K., Promoting Functional and Independent Sitting in Children With Cerebral Palsy Using the Robotic Trunk Support Trainer. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2020;28;2995-3004	2
2362	A. J. S. Fong, C. L.Lafaro, K.LaRocca, C. J.Fong, Y.Femino, J. D.Crawford, B., Robotic assistance for quick and accurate image-guided needle placement. Updates in Surgery. 2021;73;1197-1201	2
2363	S. C. Hosein, T.Flores, L.Armijo, P. R.Oleynikov, D., Minimally invasive approach to hiatal hernia repair is superior to open, even in the emergent setting: a large national database analysis. Surgical Endoscopy. 2021;35;423-428	12
2364	L. C. C. A. Guzman-Pruneda FHuang, C.Renshaw, S.Narula, V.K. Poulose B, Abdominal core quality of life after ventral hernia repair: a comparison of open versus robotic-assisted retromuscular techniques. Surgical Endoscopy. 2021;35;241-248	12
2365	M. K. El Chaar, K.Salem, J. F.Arishi, A.Galvez, A.Stoltzfus, J., Robotic surgery results in better outcomes following Roux-en-Y gastric bypass: Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program analysis for the years 2015-2018. Surgery for Obesity & Related Diseases. 2021;17;694-700	10
2366	D. S. L. Yang, N. Y.Kleinhenz, D. T.Patel, S.Daniels, A. H., Risk of Postoperative Complications and Revision Surgery Following Robot-assisted Posterior Lumbar Spinal Fusion. Spine. 2020;45;E1692-E1698	12
2367	C. M. Esposito, L.Blanc, T.Musleh, L.Ballouhey, Q.Fourcade, L.Escolino, M., Robot-assisted laparoscopic pyeloplasty (RALP) in children with complex pelvi-ureteric junction obstruction (PUJO): results of a multicenter European report. World Journal of Urology. 2021;39;1641-1647	3
2368	P. T. L. Ly, A.Pun, S. H.Dondzillo, A.Liu, C.Klug, A.Lei, T. C., Robotic stereotaxic system based on 3D skull reconstruction to improve surgical accuracy and speed. Journal of Neuroscience Methods. 2021;347;108955	2
2369	D. J. G. Reesink, S. L.Kelder, H.van Melick, H. H. E.Stijns, P. E. F., Evaluation of Ureteroenteric Anastomotic Strictures after the Introduction of Robot-Assisted Radical Cystectomy with Intracorporeal Urinary Diversion: Results from a Large Tertiary Referral Center. Journal of Urology. 2021;205;1119-1125	13
2370	A. L. Garbens, A. H.Steinberg, R. L.Gahan, J. C., Experienced bedside-assistants improve operative outcomes for surgeons early in their learning curve for robot assisted laparoscopic radical prostatectomy. Journal of Robotic Surgery. 2021;15;619-626	3
2371	T. H. Otaki, M.Yuzuriha, S.Hanada, I.Nagao, K.Umemoto, T.Shimizu, Y.Kawakami, M.Nakajima, N.Kim, H.Nitta, M.Hanai, K.Kawamura, Y.Shoji, S.Miyajima, A., Clinical impact of psoas muscle volume on the development of inguinal hernia after robot-assisted radical prostatectomy. Surgical Endoscopy. 2021;35;3320-3328	3
2372	C. C. Wu, J.Sulek, J.Sundaram, C. P.Wachs, J.Proctor, R. W.Yu, D., Sensor-based indicators of performance changes between sessions during robotic surgery training. Applied Ergonomics. 2021;90;103251	1
2373	S. C. Sivakanthan, J. L.Sundaram, S. A.Battles, C.Daveler, B. J.Chung, C. S.Grindle, G. G.Cooper, R.Dicianno, B. E.Cooper, R. A., Usability evaluation of attitude control for a robotic wheelchair for tip mitigation in outdoor environments. Medical Engineering & Physics. 2020;82;86-96	2
2374	S. T. Winocour, S.Chu, C. K.Liu, J.Clemens, M. W.Selber, J. C., Comparing Outcomes of Robotically Assisted Latissimus Dorsi Harvest to the Traditional Open Approach in Breast Reconstruction. Plastic & Reconstructive Surgery. 2020;146;1221-1225	12

2375	A. C. P. Chen, N. J., Jr.Mahajan, A. K.Khandhar, S. J.Simoff, M. J.Machuzak, M. S.Cicenia, J.Gildea, T. R.Silvestri, G. A., Robotic Bronchoscopy for Peripheral Pulmonary Lesions: A Multicenter Pilot and Feasibility Study (BENEFIT). Chest. 2021;159;845-852	3
2376	M. D. C. Spaggiari, P.Tulla, K.Kaylan, K. B.Masrur, M. A.Hassan, C.Alvarez, J. A.Benedetti, E.Tzvetanov, I., Simultaneous robotic kidney transplantation and bariatric surgery for morbidly obese patients with end-stage renal failure. American Journal of Transplantation. 2021;21;1525-1534	3
2377	Y. H. Ota, S.Matsuyama, N.Hamakawa, T.Iwatsuki, S.Etani, T.Taguchi, K.Naiki, T.Ando, R.Nakane, A.Okada, A.Kawai, N.Kubota, Y.Yasui, T., Pelvic Anatomical Features After Retzius-Sparing Robot-Assisted Radical Prostatectomy Intended for Early Recovery of Urinary Symptoms. Journal of Endourology. 2021;35;296-304	2
2378	M. S. Nyberg, D. D.Carlsson, S. V.Wilderang, U.Carlsson, S.Stranne, J.Wiklund, P.Steineck, G.Haglind, E.Hugosson, J.Bjartell, A., Surgeon heterogeneity significantly affects functional and oncological outcomes after radical prostatectomy in the Swedish LAPPRO trial. BJU International. 2021;127;361-368	4
2379	K. H. Togashi, S.Kojima, Y.Momota, M.Narita, T.Iwamura, H.Hamano, I.Hamaya, T.Fujita, N.Okamoto, T.Yoneyama, T.Yamamoto, H.Yoneyama, T.Hashimoto, Y.Ohyama, C., The effect of frailty on the quality of life and lower urinary symptoms following robot-assisted radical prostatectomy: A longitudinal analysis (FRARP-QL Study). Urologic Oncology. 2021;39;192.e7-192.e14	3
2380	R. M. S. Satava, D.Levy, J. S.Smith, R.Martin, J. R.Monfared, S.Timsina, L. R.Darzi, A. W.Moglia, A.Brand, T. C.Dorin, R. P.Dumon, K. R.Francone, T. D.Georgiou, E.Goh, A. C.Marcet, J. E.Martino, M. A.Sudan, R.Vale, J.Gallagher, A. G., Proving the Effectiveness of the Fundamentals of Robotic Surgery (FRS) Skills Curriculum: A Single-blinded, Multispecialty, Multi-institutional Randomized Control Trial. Annals of Surgery. 2020;272;384-392	1
2381	A. H. B. Zureikat, J. D.Zenati, M. S.Al Abbas, A. I.Boone, B. A.Moser, A. J.Bartlett, D. L.Hogg, M. E.Zeh, H. J., 3rd, 500 Minimally Invasive Robotic Pancreatoduodenectomies: One Decade of Optimizing Performance. Annals of Surgery. 2021;273;966-972	3
2382	P. P. G. Bianchi, G.Salaj, A.Ferraro, L.Opocher, E.Toti, F.Formisano, G., Bottom-up suprapubic approach for robotic right colectomy: technical aspects and preliminary outcomes. Minerva Surgery. 2021;76;129-137	3
2383	M. Y. Gachabayov, T.Kim, S. H.Jimenez-Rodriguez, R.Kuo, L. J.Javadov, M.Bergamaschi, R., Does the learning curve in robotic rectal cancer surgery impact circumferential resection margin involvement and reoperation rates? A risk-adjusted cumulative sum analysis. Minerva Surgery. 2021;76;124-128	3
2384	W. X. Zhu, S.Fang, D.Hao, H.Zhang, L.Xiong, G.Yang, K.Zhang, P.Zhu, H.Cai, L.Li, X.Zhou, L., Minimally invasive ileal ureter replacement: Comparative analysis of robot-assisted laparoscopic versus conventional laparoscopic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2230	12
2385	M. D. Giannakou, T.Menikou, G.Evripidou, N.Filippou, A.Spanoudes, K.Ioannou, L.Damianou, C., Magnetic resonance image-guided focused ultrasound robotic system for transrectal prostate cancer therapy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2237	2
2386	W. C. Pongsapich, C.Chuetnok, H.Ratanaprasert, N., The implementation of TORS for head and neck surgery in Thailand. Journal of Robotic Surgery. 2021;15;955-961	3
2387	K. H. Sisa, S.Ettala, O.Antila, H.Saari, T. I.Uusalo, P., Effects of pre-emptive pregabalin and multimodal anesthesia on postoperative opioid requirements in patients undergoing robot-assisted laparoscopic prostatectomy. BMC Urology. 2021;21;14	3

2388	R. G. B. Olsen, F.Konge, L.Jepsen, J. V.Azawi, N. H.Bube, S. H., Validation of a Novel Simulation-Based Test in Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2021;35;1265-1272	1
2389	L. A. Lenfant, A.Kim, S.Kaouk, J., Predictive factors of postoperative complications and hospital readmission after implementation of the single-port robotic platform: A single-center and single-surgeon experience. International Journal of Urology. 2021;28;530-537	3
2390	D. P. L. Feng, A. N.Feng, Z.Chang, S. S.Smith, J. A.Penson, D. F.Barocas, D. A., The prevention of extraction site incisional hernia after robotic-assisted radical prostatectomy. Journal of Robotic Surgery. 2021;15;315-317	3
2391	K. S. McBride, D.Stanislaus, C.Solomon, M.Anderson, T.Thanigasalam, R.Leslie, S.Bannon, P. G., Detailed cost of robotic-assisted surgery in the Australian public health sector: from implementation to a multi-specialty caseload. BMC Health Services Research. 2021;21;108	3
2392	E. S. M. d. B. Fernandes, F.Magistri, P.Di Sandro, S.Rezende de Carvalho, P.Roza da Silva, F.Andrade, R. O.Pimentel, L. S.Girao, C. L.Pedreira de Mello, F.Torres, O. J. M.Di Benedetto, F., Total robotic ALPPS approach for hepatocellular carcinoma in cirrhotic liver. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2238	3
2393	V. D. Jain, S.Rawal, S., Salvage robotic anterior pelvic exenteration for cervical cancer: technique and feasibility. Journal of Robotic Surgery. 2021;15;945-953	3
2394	D. D. Stephan, I.Willeke, F., The TransEnterix European Patient Registry for Robotic-Assisted Laparoscopic Procedures in Urology, Abdominal, Thoracic, and Gynecologic Surgery ("TRUST"). Surgical Technology International. 2021;38;103-107	3
2395	K. A. O. Plonowska, E.Zebolsky, A. L.Patel, N.Hoppe, K. R.Ha, P. K.Heaton, C. M.Ryan, W. R., Nasogastric tube feeding after transoral robotic surgery for oropharynx carcinoma. American Journal of Otolaryngology. 2021;42;102857	3
2396	M. K. Mohammadi, H.Struijk, Lnsa, Continuous Tongue Robot Mapping for Paralyzed Individuals Improves the Functional Performance of Tongue-Based Robotic Assistance. IEEE Transactions on Biomedical Engineering. 2021;68;2552-2562	2
2397	T. P. Blanc, U.Anract, J.Assouad, J.Audenet, F.Borghese, B.De La Taille, A.El Ghoneimi, A.Mongiat-Artus, P.Mordant, P.Penna, C.Roupret, M., Impact of the COVID-19 pandemic on oncological and functional robotic-assisted surgical procedures. Journal of Robotic Surgery. 2021;15;937-944	5
2398	T. M. Tatenuma, K.Ito, Y.Muraoka, K.Hasumi, H.Hayashi, N.Kondo, K.Nakaigawa, N.Yao, M., Correlation of urinary loss rate after catheter removal and long-term urinary continence after robot-assisted laparoscopic radical prostatectomy. International Journal of Urology. 2021;28;440-443	3
2399	Q. D. Li, Z.Yu, H., Grinding trajectory generator in robot-assisted laminectomy surgery. International Journal of Computer Assisted Radiology & Surgery. 2021;16;485-494	5
2400	R. J. N. Oviedo, T.Long, Z.Yan, M., Robotic Roux en Y gastric bypass can be safe and cost-effective in a rural setting: clinical outcomes from a community hospital bariatric program. Journal of Robotic Surgery. 2021;15;929-936	12
2401	T. P. Petropoulou, A.Amin, S., First robotic CME in Europe with augmented reality tools. Techniques in Coloproctology. 2021;25;887-888	8
2402	K. M. Kagiyama, Y.Ueno, T.Sakai, S.Nakamura, T.Yamaji, K.Ishimatsu, T.Sasaki, M.Chibana, H.Itaya, N.Sasaki, K. I.Fukumoto, Y., Successful introduction of robotic-assisted percutaneous coronary intervention system into Japanese clinical practice: a first-year survey at single center. Heart & Vessels. 2021;36;955-964	12

2403	C. H. Mazouin, J.Tricard, T.Lecoanet, P.Haudebert, C.Bentellis, I.Baron, P.Hascoet, J.Castes, C.Verhoest, G.Tibi, B.Pradere, B.Bruyere, F.Capon, G.Manunta, A.Saussine, C.Peyronnet, B., Robot-Assisted Cystectomy and Ileal Conduit for Neurogenic Bladder: Comparison of Extracorporeal vs Intracorporeal Urinary Diversion. Journal of Endourology. 2021;35;1350-1356	3
2404	G. T. K. Gonzalez, U.Rahman, M.Venkatesh, V.Sanchez, N.Hager, G.Xue, Y.Voyles, R.Wachs, J., From the Dexterous Surgical Skill to the Battlefield-A Robotics Exploratory Study. Military Medicine. 2021;186;288-294	2
2405	A. H. Squires, S.Li, R.Oshinski, J.Ho Tse, Z. T., A body-mounted device for MRI-guided spinal therapy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2235	2
2406	F. M. Grass, A.Mathis, K. L.Mishra, N.Heien, H.Sangaralingham, L. R.Larson, D. W., Cost drivers of locally advanced rectal cancer treatment-An analysis of a leading healthcare insurer. Journal of Surgical Oncology. 2021;123;1023-1029	2
2407	G. Z. Ning, X.Liao, H., Autonomic Robotic Ultrasound Imaging System Based on Reinforcement Learning. IEEE Transactions on Biomedical Engineering. 2021;68;2787-2797	2
2408	Z. J. M. Prebay, R.Landowski, T.Everett, R. G.Doolittle, J.Kansal, J. K.Jacobsohn, K.Johnson, S. C., Pain management following robotic-assisted radical prostatectomy: transitioning to an opioid free regimen. Journal of Robotic Surgery. 2021;15;923-928	3
2409	S. R. R. Lee, A. M.Jeong, K.Kim, S. H.Chae, H. D.Moon, H. S., First report comparing the two types of single-incision robotic sacrocolpopexy: Single site using the da Vinci Xi or Si system and single port using the da Vinci SP system. Taiwanese Journal of Obstetrics & Gynecology. 2021;60;60-65	3
2410	S. B. Rattenborg, L.Andersen, J.Lindebjerg, J.Kuhn, J.Jakobsen, C. J.Rahr, H. B., Intracorporeal anastomosis in right hemicolectomy for colon cancer: short-term outcomes with the DaVinci Xi robot. Journal of Robotic Surgery. 2021;15;915-922	12
2411	M. M. Vossel, M.Niesche, A.Theisgen, L.Radermacher, K.de la Fuente, M., MINARO HD: control and evaluation of a handheld, highly dynamic surgical robot. International Journal of Computer Assisted Radiology & Surgery. 2021;16;467-474	2
2412	S. W. Chen, F.Lin, Y.Shi, Q.Wang, Y., Ultrasound-guided needle insertion robotic system for percutaneous puncture. International Journal of Computer Assisted Radiology & Surgery. 2021;16;475-484	2
2413	P. K. Lainas, R.Benois, M.Derienne, J.Debs, T.Safieddine, M.Gugenheim, J.Dagher, I.Amor, I. B., Comparative analysis of robotic versus laparoscopic Roux-en-Y gastric bypass in severely obese patients. Journal of Robotic Surgery. 2021;15;891-898	12
2414	Y. B. D. Thyavihally, P.Waigankar, S. S.Pednekar, A.Kulkarni, B.Sharma, A.Maheshwari, S.Roy, D.Agarwal, V.Khandekar, A. A.Badlani, N. D.Asari, A. N.Sanwalka, N., Comparative study of perioperative and survival outcomes after video endoscopic inguinal lymphadenectomy (VEIL) and open inguinal lymph node dissection (O-ILND) in the management of inguinal lymph nodes in carcinoma of the penis. Journal of Robotic Surgery. 2021;15;905-914	2
2415	R. K. Abaza, P.Martinez, O., Impact of the COVID-19 Crisis on Same-day Discharge After Robotic Urologic Surgery. Urology. 2021;149;40-45	3
2416	B. B. Pesi, L.Moraldi, L.Tofani, F.Batignani, G.Bechi, P.Farsi, M.Annecchiarico, M.Coratti, A., Robotic Versus Open Liver Resection in Hepatocarcinoma: Surgical and Oncological Outcomes. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2021;31;468-474	12

2417	J. E. M. Kim, S. K.Ha, E.Lee, D.Kim, J. Y.Kwak, H. J., Effects of deep neuromuscular block with low-pressure pneumoperitoneum on respiratory mechanics and biotrauma in a steep Trendelenburg position. Scientific Reports. 2021;11;1935	3
2418	S. L. Batcir, Y.Lev Lehman, R.Edelman, S.Schiller, L.Lubovsky, O.Shani, G.Shapiro, A.Melzer, I., Development and piloting of a perturbation stationary bicycle robotic system that provides unexpected lateral perturbations during bicycling (the PerStBiRo system). BMC Geriatrics. 2021;21;71	2
2419	M. K. R. Gizynska, L.den Toom, W.Milder, M. T. W.de Vries, K. C.Nuyttens, J.Heijmen, B. J. M., Largely reduced OAR doses, and planning and delivery times for challenging robotic SBRT cases, obtained with a novel optimizer. Journal of Applied Clinical Medical Physics. 2021;22;35-47	2
2420	A. W. G. Smith, M.Lehrer, E. J.Wasserman, I.Gupta, V.Sharma, S.Liu, J. T.Posner, M.Misiukiewicz, K.Westra, W. H.Genden, E. M.Haidar, Y.Yao, M.Teng, M. S.Miles, B. A.Bakst, R. L., Redefining risk of contralateral cervical nodal disease in early stage oropharyngeal cancer in the human papillomavirus era. Head & Neck. 2021;43;1409-1414	3
2421	C. A. P. Ferrando, M. F. R., A prospective randomized trial comparing Restorelle R Y mesh and flat mesh for laparoscopic and robotic-assisted laparoscopic sacrocolpopexy: 24-month outcomes. International Urogynecology Journal. 2021;32;1565-1570	3
2422	A. R. R. Dias, MfkpSzor, D. J.Abdalla, R.Barchi, L.Yagi, O. K.Ribeiro-Junior, U.Zilberstein, B.Cecconello, I., Robotic Gastrectomy: Technique Standardization. ABCD, Arquivos Brasileiros de Cirurgia Digestiva. 2021;33;e1542	5
2423	R. A. A. Azhar, S.Alghamdi, M. M.Alotaibi, M. F.Alkhateeb, S. S.Nassir, A. M.Alshaalan, A.Yaiesh, S.Rabah, D., Robot-Assisted Radical Prostatectomy in Low-Volume Regions: Should It Be Abandoned or Adopted? A Multi-Institutional Outcome Study. Journal of Endourology. 2021;35;1013-1019	3
2424	T. K. L. S. Boitano, H. J.Cohen, J. G.Rossi, E. C.Kim, K. H., Implementation and evaluation of a novel subspecialty society fellows robotic surgical course: the SGO minimally invasive academy surgical curriculum. Journal of Gynecologic Oncology. 2021;32;e26	3
2425	T. C. L. Chang, E. K.Lu, Y. J.Huang, M. T.Chen, C. H., Single-incision robotic colectomy versus single-incision laparoscopic colectomy: A matched case control study. Asian Journal of Surgery. 2021;44;749-754	12
2426	L. N. Chertin, B. B.Stav, K.Noh, P. H.Koucherov, S.Gaber, J.Zisman, A.Chertin, B.Dubrov, V.Bondarenko, S.Neheman, A., Robotic versus laparoscopic ipsilateral uretero-ureterostomy for upper urinary tract duplications in the pediatric population: A multi-institutional review of outcomes and complications. Journal of Pediatric Surgery. 2021;56;2377-2380	13
2427	B. C. Wang, J.Chang, J.Yin, G.Cai, W.Li, Q.Huang, Z.Yu, L.Cao, X., Effectiveness of Tirobot-assisted vertebroplasty in treating thoracolumbar osteoporotic compression fracture. Journal of Orthopaedic Surgery. 2021;16;65	2
2428	J. S. K. Chang, B.Wallace, C.Haddad, F. S., Functional alignment achieves soft-tissue balance in total knee arthroplasty as measured with quantitative sensor-guided technology. Bone & Joint Journal. 2021;103-B;507-514	3
2429	Y. D. L. Barac, R. S.Sabulsky, R.Zwischenberger, B.Gaca, J.Carr, K.Glower, D. D., Robotic versus port-access mitral repair: A propensity score analysis. Journal of Cardiac Surgery. 2021;36;1219-1225	13
2430	M. F. Hikage, K.Kamiya, S.Tanizawa, Y.Bando, E.Notsu, A.Mori, K.Terashima, M., Robotic Gastrectomy Compared with Laparoscopic Gastrectomy for Clinical Stage I/II Gastric Cancer Patients: A Propensity Score-Matched Analysis. World Journal of Surgery. 2021;45;1483-1494	12

2431	A. M. C. Al-Mazrou, M. V.Dakin, G.Bellorin-Marin, O. E.Pomp, A.Afaneh, C., Robotic Duodenal Switch Is Associated with Outcomes Comparable to those of Laparoscopic Approach. Obesity Surgery. 2021;31;2019-2029	12
2432	D. W. B. Lee, H. S.Jeong, J. H.Kwak, S. G.Choi, Y. Y.Tae, K., Cosmetic outcomes after transoral robotic thyroidectomy: Comparison with transaxillary, postauricular, and conventional approaches. Oral Oncology. 2021;114;105139	12
2433	H. A. Shiomi, Y.Sumida, I.Masai, N.Oh, R. J.Ogawa, K., Development of raster scanning IMRT using a robotic radiosurgery system. Journal of Radiation Research. 2021;62;364-373	2
2434	B. H. Shi, L.du, H.Zhang, J.Zhao, W.Zhang, L., Robot-assisted percutaneous vertebroplasty under local anaesthesia for osteoporotic vertebral compression fractures: a retrospective, clinical, non-randomized, controlled study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2216	7
2435	M. M. D. Sandelski, S. M.Zimmer, D.Yesensky, J. A.Moore, M.Mantravadi, A. V.Sim, M. W., Evaluating the risks and benefits of ketorolac in transoral robotic surgery. Journal of Robotic Surgery. 2021;15;885-889	3
2436	J. C. D. Hol, K.Blanken-Peeters, Cfjmvan Eekeren, Rrjpde Roos, M. A. J.Sietses, C.Spillenaar Bilgen, E. J.Witteman, B. P. L., Implementation of robot-assisted total mesorectal excision by multiple surgeons in a large teaching hospital: Morbidity, long-term oncological and functional outcome. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2227	3
2437	M. P. Piccoli, F.Serra, F.Nigro, C.Colli, G.Gozzo, D.Zirilli, L.Madeo, B.Rochira, V.Mullineris, B., Robotic Versus Laparoscopic Adrenalectomy: Pluriannual Experience in a High-Volume Center Evaluating Indications and Results. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;375-381	13
2438	D. P. Johansen, D. B.Dosen, S.Struijk, Lnsa, Hybrid Tongue - Myoelectric Control Improves Functional Use of a Robotic Hand Prosthesis. IEEE Transactions on Biomedical Engineering. 2021;68;2011-2020	2
2439	B. D. Z. Patton, D.Bahroloomi, D. M.Sarmiento, I. C.Lee, P. C.Lazzaro, R. S., Robotic Pneumonectomy for Lung Cancer: Perioperative Outcomes and Factors Leading to Conversion to Thoracotomy. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2021;16;136-141	3
2440	Z. D. X. Zhu, C. W.Tan, B.Tang, X. M.Wei, D.Yuan, J. B.Hu, J.Feng, L., TiRobot-Assisted Percutaneous Cannulated Screw Fixation in the Treatment of Femoral Neck Fractures: A Minimum 2-Year Follow-up of 50 Patients. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2021;13;244-252	2
2441	L. N. Giulini, C. A.Tank, J.Papp, M.Stein, H. J.Dubecz, A., Hybrid robotic versus hybrid laparoscopic Ivor Lewis oesophagectomy: a case-matched analysis. European Journal of Cardio-Thoracic Surgery. 2021;59;1279-1285	13
2442	I. H. Kawagoe, M.Satoh, D.Kochiyama, T.Fukuda, M.Kishii, J., Postoperative analgesia in patients undergoing robot-assisted thoracic surgery: a comparison between thoracic epidural analgesia and intercostal nerve block combined with intravenous patient-controlled analgesia. Annals of Palliative Medicine. 2021;10;1985-1993	3
2443	G. A. Gitas, I.Proppe, L.Werner, N.Rody, A.Hanker, L.Pados, G.Freytag, D.Sommer, S.Baum, S., Surgical outcomes of conventional laparoscopic and robotic-assisted hysterectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2225	13

2444	J. T. F. Larach, J.Kong, J.Waters, P. S.McCormick, J. J.Murphy, D.Stevenson, A.Warrier, S. K.Heriot, A. G., Robotic colorectal surgery in Australia: evolution over a decade. ANZ Journal of Surgery. 2021;91;2330-2336	3
2445	Y. L. Tang, H.Pan, J.Zhang, Z.Xu, Y.Yao, N.Zhang, L.Tong, L., Optical Micro/Nanofiber-Enabled Compact Tactile Sensor for Hardness Discrimination. Acs Applied Materials & Interfaces. 2021;13;4560-4566	2
2446	A. P. Porreca, K.Artibani, W.Antonelli, A.Bianchi, L.Brunocilla, E.Bocciardi, A. M.Brausi, M.Busetto, G. M.Carini, M.Carrieri, G.Celia, A.Cindolo, L.Cochetti, G.Colombo, R.De Berardinis, E.De Cobelli, O.Di Maida, F.Ercolino, A.Gaboardi, F.Galfano, A.Gallina, A.Gallucci, M.Introini, C.Mearini, E.Minervini, A.Montorsi, F.Musi, G.Pini, G.Schiavina, R.Secco, S.Serni, S.Simeone, C.Tasso, G.D'Agostino, D., Protocol of the Italian Radical Cystectomy Registry (RIC): a non-randomized, 24-month, multicenter study comparing robotic-assisted, laparoscopic, and open surgery for radical cystectomy in bladder cancer. BMC Cancer. 2021;21;51	4
2447	L. L. Zhang, C.Fan, Y.Zhang, X.Zhao, J., Physician-Friendly Tool Center Point Calibration Method for Robot-Assisted Puncture Surgery. Sensors. 2021;21;7	3
2448	K. K. Takagi, HjanTerkivatan, T.Tran, K. T. C.Ijzermans, J. N. M.Minnee, R. C., Learning curves of minimally invasive donor nephrectomy in a high-volume center: A cohort study of 1895 consecutive living donors. International Journal Of Surgery. 2021;86;44754	12
2449	V. G. Snyder, L. K.Bowers, E. M. R.Kubik, M.Kim, S.Ferris, R. L.Johnson, J. T.Duvvuri, U.Gooding, W. E.Branstetter, B. F.Rath, T. J.Sridharan, S. S., PET/CT Poorly Predicts AJCC 8th Edition Pathologic Staging in HPV-Related Oropharyngeal Cancer. Laryngoscope. 2021;131;1535-1541	3
2450	S. A. Hamamoto, M.Naiki, T.Taguchi, K.Etani, T.Iwatsuki, S.Ando, R.Okada, A.Kawai, N.Yasui, T., LigaSure versus the standard technique (Hem-o-lok clips) for robot-assisted radical prostatectomy: a propensity score-matched study. Journal of Robotic Surgery. 2021;15;869-875	2
2451	E. F. M. Faria, C. V. M.Berger, A.Mitre, A.Dauster, B.Freitas, C. H., Jr.Fraga, C.Chade, D.Dall'Oglio, M.Carvalho, F.Campos, F.Carvalhal, G. F.Lemos, G. C.Guimaraes, G.Zampolli, H.Alves, J. R.Manzano, J. P.Fortes, M. A.Rocha, M. F. H.Rubinstein, M.Luz, M.Romanelli, P.Coelho, R.Rocha, R.Machado, R. D.Dos Reis, R. B.Zequi, S.Guida, R.Muglia, V.Tobias-Machado, M., Recommendations on robotic-assisted radical prostatectomy: a Brazilian experts' consensus. Journal of Robotic Surgery. 2021;15;829-839	5
2452	P. A. H. Elliott, S.Narayanan, R.Bierylo, J.Chang, S. C.Twardowski, P.Wilson, T. G., Cryopreserved placental tissue allograft accelerates time to continence following robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2021;15;877-883	3
2453	R. D.-H. Klotz, C.Bruckner, T.Knebel, P.Diener, M. K.Hackert, T.Mihaljevic, A. L., Evaluation of robotic versus open partial pancreatoduodenectomy-study protocol for a randomised controlled pilot trial (EUROPA, DRKS00020407). Trials [Electronic Resource]. 2021;22;40	11
2454	V. A. Ozben, Z.Bilgin, I. A.Aytac, E.Baca, B.Hamzaoglu, I.Karahasanoglu, T., Does Obesity Impact Surgical and Pathological Outcomes in Robotic Complete Mesocolic Excision for Colon Cancer?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;1247-1253	3
2455	M. A. K. Rojas, T. Q.Khan, A.Estrada, J. J.Kaminski, J. P., Robotic-Assisted Endorectal Advancement Flap: A Novel Technique for Supralevator Fistula Repair. Diseases of the Colon & Rectum. 2021;64;e65-e66	8

2456	M. R. Zanello, A.Senova, S.Peeters, S.Edjlali, M.Tauziede-Espariat, A.Dezamis, E.Parraga, E.Zah-Bi, G.Harislur, M.Oppenheim, C.Sauvageon, X.Chretien, F.Devaux, B.Varlet, P.Pallud, J., Robot-Assisted Stereotactic Biopsies in 377 Consecutive Adult Patients with Supratentorial Diffuse Gliomas: Diagnostic Yield, Safety, and Postoperative Outcomes. World Neurosurgery. 2021;148;e301-e313	3
2457	B. N.-C. Cali, C.Bihain, F.Brunaud, L., Robotic approach for partial adrenalectomy. Updates in Surgery. 2021;73;1147-1154	5
2458	P. A. Magistri, G.Ballarin, R.Di Sandro, S.Di Benedetto, F., Major robotic hepatectomies: technical considerations. Updates in Surgery. 2021;73;989-997	5
2459	S. C. Corbianco, G.Dini, M.Franzoni, F.D'Avino, C.Gerini, A.Stampacchia, G., Energy cost and psychological impact of robotic-assisted gait training in people with spinal cord injury: effect of two different types of devices. Neurological Sciences. 2021;42;3357-3366	2
2460	J. C. Alverdy, The Benefits of Robotic Surgery: Are They Technical or Molecular?. Journal of Gastrointestinal Surgery. 2021;25;578-580	8
2461	F. A. Benedix, D.Peglow, S.Gstettenbauer, L. M.Croner, R., Short-term outcome after robot-assisted hiatal hernia and anti-reflux surgery-is there a benefit for the patient?. Langenbecks Archives of Surgery. 2021;406;1387-1395	12
2462	Q. Z. Lu, X.Ji, C.Guo, S.Qiu, X.Liu, G.Zhang, S.Li, X.Zhang, G.Zhang, X.Guo, H., Functional and oncologic outcomes of robot-assisted simple enucleation with and without renal arterial cold perfusion in complex renal tumors: a propensity score-matched analysis. BMC Urology. 2021;21;2	3
2463	W. D. Smith, R.Matthews, C., Robotic-assisted ureteral reimplantation and psoas hitch after ureteral injury during cesarean section. International Urogynecology Journal. 2021;32;2867-2870	8
2464	A. U. S. Gullu, S.Kocyigit, M.Zencirci, E.Akyol, A.Degirmencioglu, A.Karakus, G.Ersin, E.Karabiber, A.Alhan, C., An analysis of the learning curve for robotic-assisted mitral valve repair. Journal of Cardiac Surgery. 2021;36;624-628	3
2465	K. M. Matsuo, S.Mandelbaum, R. S.Kanao, H.Chang, E. J.Klar, M.Roman, L. D.Wright, J. D., Utilization and perioperative outcome of minimally invasive pelvic exenteration in gynecologic malignancies: A national study in the United States. Gynecologic Oncology. 2021;161;39-45	2
2466	F. H. Marcuse, M.Hoeijmakers, J. G. J.Hamid, M. A.Damoiseaux, J.Maessen, J.De Baets, M., Subclinical myasthenia gravis in thymomas. Lung Cancer. 2021;152;143-148	2
2467	E. C. Asil, A. E.Atmaca, A. F.Gok, B.Ozcan, M. F.Ardicoglu, A.Balbay, M. D.Yildizhan, M., Outcomes and complications of radical cystectomy with ileal conduit urinary diversion: A comparison between open, semi-robotic and totally robotic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2221	13
2468	J. A. H. Vanderlinden, R. M.Scott, S. H.Boyd, J. G., Robotic technology quantifies novel perceptual-motor impairments in patients with chronic kidney disease. Journal of Nephrology. 2021;34;1243-1256	3
2469	Z. E. Tao, V. S.Pham, T.Augustine, M. M.Guzzetta, A.Huerta, S., Outcomes of robotic and laparoscopic cholecystectomy for benign gallbladder disease in Veteran patients. Journal of Robotic Surgery. 2021;15;849-857	12
2470	D. K. Chen, P.Tao, S.Wu, L.Li, Q.Tan, Q., Risk factors of conversion in robotic- and video-assisted pulmonary surgery for non-small cell lung cancer. Updates in Surgery. 2021;73;1549-1558	3

2471	O. V.-C. Bellorin, M.Dimou, F.At, R.Al Hussein Alawamlh, O.Pomp, A.Dakin, G.Afaneh, C., Robotic-assisted surgery enhances the learning curve while maintaining quality outcomes in sleeve gastrectomy: a preliminary, multicenter study. Surgical Endoscopy. 2021;35;1970-1975	3
2472	Z. W. Lang, Q.Wu, X.Liu, Y.He, D.Fan, M.Shi, Z.Tian, W., Drilling Speed and Bone Temperature of a Robot-assisted Ultrasonic Osteotome Applied to Vertebral Cancellous Bone. Spine. 2021;46;E760-E768	3
2473	M. Z. Xu, Z.Jia, B.Liu, R.Liu, H., Perioperative and long-term outcomes of robot-assisted versus laparoscopy-assisted hemicolectomy for left-sided colon cancers: a retrospective study. Updates in Surgery. 2021;73;1049-1056	12
2474	A. N. Chopra, I.Zureikat, A.Paniccia, A., Perioperative and oncologic outcomes of open, laparoscopic, and robotic distal pancreatectomy for pancreatic adenocarcinoma. Updates in Surgery. 2021;73;947-953	12
2475	N. H. M. Dreifuss, A.Hassan, C.Masrur, M. A., Robotic Revisional Bariatric Surgery: a High-Volume Center Experience. Obesity Surgery. 2021;31;1656-1663	3
2476	R. L. Liu, Q.Wang, Z., Worldwide diffusion of robotic approach in general surgery. Updates in Surgery. 2021;73;795-797	5
2477	A. K. F. Gergen, J. H.Weyant, M. J.Pratap, A., Comparison of a novel preperitoneal sublay repair with traditional onlay repair of morgagni hernia: a tale of two techniques. Journal of Robotic Surgery. 2021;15;821-826	12
2478	H. S. Okabe, H.Saji, M.Hirai, K.Hisamori, S.Tsunoda, S.Obama, K., Comparison of short-term outcomes between robotic and laparoscopic gastrectomy for gastric cancer: a propensity score-matching analysis. Journal of Robotic Surgery. 2021;15;803-811	12
2479	Y. C. Wang, Q.Zhu, X.Wang, P., A cable-driven distal end-effector mechanism for single-port robotic surgery. International Journal of Computer Assisted Radiology & Surgery. 2021;16;301-309	5
2480	G. F. Naldini, B.Sturiale, A.Russo, E.Simoncini, T., Advantages of robotic surgery in the treatment of complex pelvic organs prolapse. Updates in Surgery. 2021;73;1115-1124	3
2481	G. B. Perini, R.Thorsen, R.Carpinella, I.Lencioni, T.Ferrarin, M.Jonsdottir, J., Sequentially applied myoelectrically controlled FES in a task-oriented approach and robotic therapy for the recovery of upper limb in post-stroke patients: A randomized controlled pilot study. Technology & Health Care. 2021;29;419-429	2
2482	J. I. K. Liounakos, V.Jamshidi, A.Silman, Z.Good, C. R.Schroerlucke, S. R.Cannestra, A.Hsu, V.Lim, J.Zahrawi, F.Ramirez, P. M.Sweeney, T. M.Wang, M. Y., Reduction in complication and revision rates for robotic-guided short-segment lumbar fusion surgery: results of a prospective, multi-center study. Journal of Robotic Surgery. 2021;15;793-802	12
2483	M. C. Bydon, S. G.Neal, M. D.Krishna, C.Biedermann, A. J.Paul, T. C.Yolcu, Y. U.Goyal, A.Bendok, B. R.Quinones-Hinojosa, A.Spinner, R. J.Meyer, F. B., Initiation of a Robotic Program in Spinal Surgery: Experience at a Three-Site Medical Center. Mayo Clinic Proceedings. 2021;96;1193-1202	3
2484	K. J. L. Eoh, D. W.Lee, J. H.Nam, E. J.Kim, S. W.Kim, Y. T., Comparative Survival Outcome of Robot-Assisted Staging Surgery Using Three Robotic Arms versus Open Surgery for Endometrial Cancer. Yonsei Medical Journal. 2021;62;68-74	12
2485	B. T. Kayani, J.Ayuob, A.Konan, S.Oussedik, S.Haddad, F. S., A prospective randomized controlled trial comparing the systemic inflammatory response in conventional jig-based total knee arthroplasty versus robotic-arm assisted total knee arthroplasty. Bone & Joint Journal. 2021;103-B;113-122	12

2486	X. L. Ding, Q. G.Zou, X.Liu, Y. P.Hua, Y. J.Xie, Y. L.Wang, Z. Q.Zhang, Y. N.Gu, Y. K.You, R.Yang, Q.Zhang, M. X.Chen, S. Y.Ouyang, Y. F.Yu, Z. K.Sun, R.Chen, M. Y., Transoral Robotic Retropharyngeal Lymph Node Dissection in Nasopharyngeal Carcinoma With Retropharyngeal Lymph Node Recurrence. Laryngoscope. 2021;131;E1895-E1902	3
2487	W. B. Petz, E.Borin, S.Fiori, G.Ribero, D.Spinoglio, G., Fluorescence-guided D3 lymphadenectomy in robotic right colectomy with complete mesocolic excision. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2217	3
2488	A. M. Romanzi, R.Ioni, L.Picconi, T.Pernazza, G., ICG-NIR-guided lymph node dissection during robotic subtotal gastrectomy for gastric cancer. A single-centre experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2213	3
2489	C. Z. D. Wen, J. E.Elrakhawy, M.Paul, E. A.Rassekh, C. H., Nuances and Management of Hilar Submandibular Sialoliths With Combined Transoral Robotic Surgery-Assisted Sialolithotomy and Sialendoscopy. Otolaryngology - Head & Neck Surgery. 2021;165;76-82	3
2490	N. S. Yu, H.Finelli, A.Lee, J. Y.Singal, R. K.Grantcharov, T. P.Goldenberg, M. G., Quantifying the "Assistant Effect" in Robotic-Assisted Radical Prostatectomy (RARP): Measures of Technical Performance. Journal of Surgical Research. 2021;260;307-314	3
2491	Y. W. Shi, Q.Shi, Z.Xie, J.Jin, J.Chen, H.Deng, X.Peng, C.Shen, B., Comparison between robot-assisted middle pancreatectomy and robot-assisted distal pancreatectomy for benign or low-grade malignant tumours located in the neck of the pancreas: A propensity score matched study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2219	3
2492	V. U. S. S. Rao, A.R. Bhargavi VSinha, P.Bagadia, R. K.Kudpaje, A.Arakeri, G.Subbanna, I., Selective embolization of lingual artery in transoral robotic surgery for the management of recurrent base of tongue carcinomas. Head & Neck. 2021;43;1174-1183	3
2493	N. S. Hinata, R.Tanabe, K.Eto, M.Takenaka, A.Kawakita, M.Hara, I.Hongo, F.Ibuki, N.Nasu, Y.Teishima, J.Kawai, N.Kawauchi, A.Kondo, T.Kawamorita, N.Oyama, C.Horie, S.Shimbo, M.Kato, M.Kanayama, H.Koito, Y.Fujisawa, M.Japanese Society of, Endourology, Robot-assisted partial nephrectomy versus standard laparoscopic partial nephrectomy for renal hilar tumor: A prospective multi-institutional study. International Journal of Urology. 2021;28;382-389	13
2494	M. V. A. M. Denadai, A. G. F.Neto, M. C.Romagnolo, L. G. C.Diniz, F. D.Veo, C. A. R., Robotic rectal surgery: Outcomes of the first 102 totally robotic cases handled using the single-docking technique in a reference institution. Journal of Surgical Oncology. 2021;123;997-1004	3
2495	C. S. Liu, C.Wang, T.Zhang, H.Jing, L.Jin, X.Xu, J.Wang, H., Bio-inspired multimodal 3D endoscope for image-guided and robotic surgery. Optics Express. 2021;29;145-157	2
2496	J. J. B. Hue, K. C.Gray, K. E.Linden, P. A.Worrell, S. G.Towe, C. W., Does Timing of Robotic Esophagectomy Adoption Impact Short-Term Postoperative Outcomes?. Journal of Surgical Research. 2021;260;220-228	3
2497	S. M. Mitsuboshi, H.Kanzaki, M., Application of pelvic-style docking in robotic surgery for lower-middle mediastinal tumors. Asian Cardiovascular and Thoracic Annals. 2021;29;440-442	2
2498	R. M. P. McKenzie, H. S.Ng, T. L.Prisman, E., Muscle invasion in oropharyngeal carcinoma undergoing transoral robotic surgery. Head & Neck. 2021;43;1194-1201	3

2499	D. L. L. Tait, A.Brown, J.Crane, E. K.Kemp, E. V.Taylor, V. D.Naumann, R. W., Comparison of Perioperative Outcomes between Minimally Invasive Sentinel Node Biopsy and Full Lymphadenectomy for Endometrial Cancer. Journal of Minimally Invasive Gynecology. 2021;28;1514-1518	3
2500	R. M. Abaza, O.Murphy, C., Randomized Controlled Comparison of Valveless Trocar (AirSeal) vs Standard Insufflator with Ultralow Pneuomoperitoneum During Robotic Prostatectomy. Journal of Endourology. 2021;35;1020-1024	3
2501	E. G. McCarthy, B. L.Johns, M. S.Hanlon, A.Vaid, S.Petrelli, N., A Comparison of Colectomy Outcomes Utilizing Open, Laparoscopic, and Robotic Techniques. American Surgeon. 2021;87;1275-1279	12
2502	M. R. Zanello, A.Debacker, C.Peeters, S.Edjlali-Goujon, M.Dhermain, F.Dezamis, E.Oppenheim, C.Lechapt-Zalcman, E.Harislur, M.Varlet, P.Chretien, F.Devaux, B.Pallud, J., Postoperative intracerebral haematomas following stereotactic biopsies: Poor planning or poor execution?. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2211	2
2503	M. N. Feng, Z. X.Li, A.Lu, X.Fu, Y. L., Master manipulator optimisation for robot assisted minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2208	2
2504	J. d. G. van Hilst, N.Abu Hilal, M.Besselink, M. G., The Landmark Series: Minimally Invasive Pancreatic Resection. Annals of Surgical Oncology. 2021;28;1447-1456	5
2505	L. D. I. Solaini, A.Marrelli, D.Marano, L.Avanzolini, A.Morgagni, P.Roviello, F.Ercolani, G., The effect of learning curve on perioperative outcomes of robotic gastrectomy in two western high-volume centers. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2212	3
2506	L. H. Masi, V.Saez, J.Doro, R.Livi, L., Robotic MLC-based plans: A study of plan complexity. Medical Physics. 2021;48;942-952	2
2507	T. O. Tedoriya, R.Fukuzumi, M.Miyauchi, T., A simple technique of artificial chordae implantation in robotic cardiac surgery using a novel tube device supporting expanded polytetrafluoroethylene chordae ligation. European Journal of Cardio-Thoracic Surgery. 2021;60;189-190	3
2508	R. M. S. Carey, D.Weinstein, G. S.Cannady, S. B.Lukens, J. N.Lin, A.Swisher-McClure, S.Bauml, J. M.Aggarwal, C.Cohen, R. B.Newman, J. G.Chalian, A. A.Rassekh, C. H.Basu, D.O'Malley, B. W., Jr.Rajasekaran, K.Brody, R. M., Increased rate of recurrence and high rate of salvage in patients with human papillomavirus-associated oropharyngeal squamous cell carcinoma with adverse features treated with primary surgery without recommended adjuvant therapy. Head & Neck. 2021;43;1128-1141	3
2509	S. H. Talamini, W. R.Dobbs, R. W.Morana, C.Crivellaro, S., Single port robotic radical prostatectomy versus multi-port robotic radical prostatectomy: A human factor analysis during the initial learning curve. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2209	3
2510	L. P. Solaini, F.Cavaliere, D.Vaccaro, C.Avanzolini, A.Cucchetti, A.Coratti, A.Ercolani, G., Average treatment effect of robotic versus laparoscopic rectal surgery for rectal cancer. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2210	12
2511	J. P. Kim, B.Cen, S. Y.Sanossian, N.Kezirian, E. J., Transoral Robotic Surgery (TORS) Versus Non-TORS Tongue Resection for Obstructive Sleep Apnea. Laryngoscope. 2021;131;E1735-E1740	12
2512	V. R. L. Desai, J. J.Sample, T.Kleiman, N. S.Lumsden, A.Britz, G. W., First in Man Pilot Feasibility Study in Extracranial Carotid Robotic-Assisted Endovascular Intervention. Neurosurgery. 2021;88;506-514	3

2513	B. I. S. Rapoport, C.Chen, X.Hussain, I.Bilsky, M. H.Laufer, I.Goh, A. C.Barzilai, O., Robotic Resection of a Nerve Sheath Tumor Via a Retroperitoneal Approach. Operative Neurosurgery. 2021;20;E85-E90	3
2514	B. W. Sun, G.Miyashita, S., Milestones for autonomous in vivo microrobots in medical applications. Surgery. 2021;169;755-758	2
2515	H. G. Zhao, C.Yang, M.Wang, Y.Kang, W.Wang, R.Zhang, H., Surgical effect and long-term clinical outcomes of robotic mitral valve replacement: 10-year follow-up study. Journal of Cardiovascular Surgery. 2021;62;162-168	3
2516	Q. P. Zhang, J. M.Formosa, G. A.Fulton, M. J.Rentschler, M. E., Enabling Autonomous Colonoscopy Intervention Using a Robotic Endoscope Platform. IEEE Transactions on Biomedical Engineering. 2021;68;1957-1968	5
2517	E. C. Merder, O.Ariman, A.Polat, E. C.Altunrende, F., Our laparoscopic cystectomy experiences. Urologia (Treviso). 2021;88;30-33	2
2518	C. C. H. Lin, S. C.Lin, H. H.Chang, S. C.Chen, W. S.Jiang, J. K., An early experience with the Senhance surgical robotic system in colorectal surgery: a single-institute study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2206	3
2519	V. F. Schmelter, C.Muacevic, A.Priglinger, S. G.Foerster, P.Liegl, R., Robotic-assisted radiosurgery for the treatment of vasoproliferative tumours. Acta Opthalmologica. 2021;99;456-460	2
2520	J. P. P. Grunz, L.Fieber, T.Gietzen, C. H.Heidenreich, J. F.Huflage, H.Gruschwitz, P.Kuhl, P. J.Petritsch, B.Kosmala, A.Bley, T. A.Gassenmaier, T., Twin robotic x-ray system in small bone and joint trauma: impact of cone-beam computed tomography on treatment decisions. European Radiology. 2021;31;3600-3609	2
2521	A. A. Kumar, B. B.Pulle, M. V.Puri, H. V.Sethi, N.Bishnoi, S., Myasthenia is a poor prognostic factor for perioperative outcomes after robotic thymectomy for thymoma. European Journal of Cardio-Thoracic Surgery. 2021;59;807-813	3
2522	K. W. Roessler, F.Wilken, T.Pataraia, E.Mueller-Gerbl, M.Dorfer, C., Robotic Navigated Laser Craniotomy for Depth Electrode Implantation in Epilepsy Surgery: A Cadaver Lab Study. Journal of Neurological Surgery. 2021;82;125-129	7
2523	S. I. K. Scott, O. Madsen A.Rubek, N.Charabi, B. W.Wessel, I.Fredslund Hadju, S.Jensen, C. V.Stephen, S.Patterson, J. M.Friborg, J.Hutcheson, K. A.Kehlet, H.von Buchwald, C., Long-term quality of life & functional outcomes after treatment of oropharyngeal cancer. Cancer Medicine. 2021;10;483-495	2
2524	A. N. R. Kulaylat, H.Yada, K.Coyle, D.Shelby, R.Onwuka, A. J.Aldrink, J. H.Diefenbach, K. A.Michalsky, M. P., Comparative analysis of robotic-assisted versus laparoscopic cholecystectomy in pediatric patients. Journal of Pediatric Surgery. 2021;56;1876-1880	12
2525	S. H. Inoue, T.Teishima, J.Matsubara, A., Longitudinal evaluation of the frequency of sexual intercourse and sexual activity in patients after nerve-sparing robot-assisted laparoscopic radical prostatectomy. BJU International. 2021;127;560-566	3
2526	M. A. Hesam Mahmoudinezhad, I.Rosset, S., Interdigitated Sensor Based on a Silicone Foam for Subtle Robotic Manipulation. Macromolecular Rapid Communications. 2021;42;e2000560	2
2527	A. H. Banos, J.Wallace-Smith, T.Bird, B.Lennox, B.Scott, T. B., An assessment of contamination pickup on ground robotic vehicles for nuclear surveying application. Journal of Radiological Protection. 2021;41;1	2

2528	A. V. E. Kakkos, C.Ongaro, S.Traen, K.Peeters, F.Van Trappen, P.Laenen, A.Despierre, E.Van Nieuwenhuysen, E.Vergote, I.Goffin, F., Robot-assisted surgery for women with endometrial cancer: Surgical and oncologic outcomes within a Belgium gynaecological oncology group cohort. European Journal of Surgical Oncology. 2021;47;1117-1123	3
2529	S. S. Shakir, A. B.Piper, M.Kozak, G. M.Soriano, I. S.Kanchwala, S. K., Laparoscopy allows the harvest of the DIEP flap with shorter fascial incisions as compared to endoscopic harvest: A single surgeon retrospective cohort study. Journal of Plastic, Reconstructive & Aesthetic Surgery: JPRAS. 2021;74;1203-1212	12
2530	K. T. Zennami, K.Matsukiyo, R.Nukaya, T.Takenaka, M.Fukaya, K.Ichino, M.Fukami, N.Sasaki, H.Kusaka, M.Toyama, H.Sumitomo, M.Shiroki, R., Long-Term Functional and Oncologic Outcomes of Robot-Assisted Partial Nephrectomy for Cystic Renal Tumors: A Single-Center Retrospective Study. Journal of Endourology. 2021;35;1006-1012	3
2531	M. D. Shahait, R. W.Kim, J. L.Eldred, N.Liang, K.Huynh, L. M.Ahlering, T. E.Patel, V.Lee, D. I., Perioperative and Functional Outcomes of Robot-Assisted Radical Prostatectomy in Octogenarian Men. Journal of Endourology. 2021;35;1025-1029	3
2532	N. H. M. Patel, G.Cai, J.Desai, M.Gill, I.Aron, M., Robotic Radical Cystectomy Outcomes after Intervention for Prostate Cancer. Journal of Endourology. 2021;35;633-638	3
2533	B. M. C. Wahba, A. K.Du, K.Sands, K. G.Paradis, A. G.Vetter, J. M.Venkatesh, R.Kim, E. H.Bhayani, S. B.Figenshau, R. S., Positive Surgical Margins After Robot-Assisted Partial Nephrectomy Predict Long-Term Oncologic Outcomes for Clinically Localized Renal Masses. Journal of Endourology. 2021;35;814-820	3
2534	M. G. Ricciardiello, T.Panaccio, P.Esposito, L. M.Montemitro, C.Mucilli, F.Ciavarella, D.di Sebastiano, P.di Mola, F. F., Outcome after single-site robotic cholecystectomy: An initial single center's experience. Asian Journal of Endoscopic Surgery. 2021;14;496-503	3
2535	I. L. v. d. H. Defize, S.Ruurda, J. P.van Hillegersberg, R., ASO Author Reflections: Preoperative Selection of cT4b Esophageal Cancer Patients Who Benefit From a Salvage Robot-Assisted Minimally Invasive Esophagectomy (RAMIE). Annals of Surgical Oncology. 2021;28;2739-2740	8
2536	Y. N. B. AlJamal, M. S.Mathis, K. L.Dozois, E. J.Kelley, S. R., Evaluating Non-operative Robotic Skills in Colorectal Surgical Training. Journal of Surgical Research. 2021;260;391-398	5
2537	M. A. F. Musquera Felip, T.Peri Cusi, L.Alcaraz Asensio, A., Technique Description and Outcomes of Robotic Transvaginal-Assisted Living Donor Kidney Transplantation. Urologia Internationalis. 2021;105;148-154	5
2538	L. J. N. McLeod, A.Robertson, D.Kives, S., Robotic-Assisted Laparoscopic Hysterectomy for Endometrial Hyperplasia or Grade 1 Endometrial Adenocarcinoma: A 10-year, Single-Centre Experience. Journal of Obstetrics & Gynaecology Canada: JOGC. 2021;43;557-563	3
2539	M. Z. Eugster, E. I.Krenn, P.Blache, S.Friederich, N. F.Muller-Gerbl, M.Cattin, P. C.Rauter, G., Quantitative Evaluation of the Thickness of the Available Manipulation Volume Inside the Knee Joint Capsule for Minimally Invasive Robotic Unicondylar Knee Arthroplasty. IEEE Transactions on Biomedical Engineering. 2021;68;2412-2422	7
2540	U. B. Anceschi, A.Torregiani, G.Tuderti, G.Costantini, M.Mastroianni, R.Bove, A. M.Ferriero, M. C.Gallucci, M.Simone, G., The impact of anticoagulant and antiplatelet drugs therapy on perioperative outcomes of purely off-clamp robot-assisted partial nephrectomy: a single-center experience. Minerva Urology and Nephrology. 2021;73;265-268	8

2541	S. T. Sforza, R.Grosso, A. A.D. I. Maida FMari, A.Cocci, A.Cito, G.Carini, M.Minervini, A.Masieri, L., Robotic repair of iatrogenic ureteral stricture after pelvic surgery: a changing treatment paradigm. Minerva Urology and Nephrology. 2021;73;133-135	8
2542	R. K. Siaulys, V.Janusonis, V.Ezerskiene, V.Dulskas, A.Samalavicius, N. E., Robotic gynaecological surgery using Senhance R robotic platform: Single centre experience with 100 cases. Journal of Gynecology Obstetrics and Human Reproduction. 2021;50;102031	3
2543	M. M. Durand, L.Vatta, F.Orofino, G.Querciagrossa, S.Jugie, M.Bustarret, O.Delacourt, C.Sarnacki, S.Blanc, T.Khen-Dunlop, N., Robotic lobectomy in children with severe bronchiectasis: A worthwhile new technology. Journal of Pediatric Surgery. 2021;56;1606-1610	13
2544	C. M. F. Devlin, S.Biyani, C. S.Forster, J. A., Changes in UK renal oncological surgical practice from 2008 to 2017: implications for cancer service provision and surgical training. BJU International. 2021;128;206-217	2
2545	Y. G. Zhang, M. S.Zhang, X.Paraghamian, S. E.Tan, X.Clark, L. H., Comparing Laparotomy with Robot-assisted Interval Debulking Surgery for Patients with Advanced Epithelial Ovarian Cancer Receiving Neoadjuvant Chemotherapy. Journal of Minimally Invasive Gynecology. 2021;28;1237-1243	12
2546	M. T. Lallemant, C.Puyraveau, M.Delplanque, S.Cosson, M.Ramanah, R., Evaluating the morbidity and long-term efficacy of laparoscopic sacrocolpopexy with and without robotic assistance for pelvic organ prolapse. Journal of Robotic Surgery. 2021;15;785-792	13
2547	J. S. J. Lim, T.Kurtz, J.Cho, E. E.Vedantam, S.Nagatomo, K.Osman, H.Jeyarajah, D. R., Overcoming the Arduous Transition for Robotic Hepatopancreatobiliary Cases: A Multi-Procedure Learning Curve Study Utilizing CUSUM Analysis. World Journal of Surgery. 2021;45;865-872	3
2548	I. W. Perets, J. P.Mu, B. H.Mansor, Y.Rosinsky, P. J.Maldonado, D. R.Lall, A. C.Domb, B. G., Short-term Clinical Outcomes of Robotic-Arm Assisted Total Hip Arthroplasty: A Pair-Matched Controlled Study. Orthopedics. 2021;44;e236-e242	12
2549	S. M. Norouzi-Ghazbi, A.Abdulhafiz, I.Abbasi-Hashemi, T.Mahdi, A.Janabi-Sharifi, F., Design and experimental evaluation of an automated catheter operating system. Artificial Organs. 2021;45;E171-E186	5
2550	W. O. Nolan, H.Georger, L.Ghomi, A., Robotic-assisted laparoscopic Essure removal: a novel surgical approach. Journal of Robotic Surgery. 2021;15;781-784	3
2551	B. O. Onan, I. S., Early Results of Robotically Assisted Congenital Cardiac Surgery: Analysis of 242 Patients. Annals of Thoracic Surgery. 2021;112;2020-2027	3
2552	T. B. Boiadjiev, G.Delchev, K.Chavdarov, I.Kastelov, R., Feed rate control in robotic bone drilling process. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2021;235;273-280	2
2553	D. S. Romano, C., Bio-robotic cues show how the Trinidadian guppy male recognises the morphological features of receptive females. Behavioural Processes. 2021;182;104283	2
2554	K. L. J.-D. Ip, J. F.Leung, C.Nie, J.Khajir, G.Nawaf, C. B.Syed, J.Rosoff, J. S.Martin, T. V.Hesse, D. G., Comparison of long-term outcomes in a 10-year experience of robotic cystectomy vs. open cystectomy. Journal of Robotic Surgery. 2021;15;773-780	13
2555	P. A. C. Kelly, L. A.Petersen, S. F.Gilder, R. E.Blann, A.Autrey, A. E.MacDonell, K., The effect of PARO robotic seals for hospitalized patients with dementia: A feasibility study. Geriatric Nursing. 2021;42;37-45	2
2556	S. O. Varela, E.Borjesson, A.Salo, M., Resolution of hydronephrosis after pyeloplasty in children. Journal of pediatric urology. 2021;17;102.e1-102.e7	2

2557	A. M. M. Jamshidi, D. H.Liounakos, J. I.Silman, Z.Good, C. R.Schroerlucke, S. R.Cannestra, A.Hsu, V.Lim, J.Zahrawi, F.Ramirez, P. M.Sweeney, T. M.Wang, M. Y., Fluoroscopy time analysis of a prospective, multi-centre study comparing robotic- and fluoroscopic-guided placement of percutaneous pedicle screw instrumentation for short segment minimally invasive lumbar fusion surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2188	12
2558	O. Y. B.-A. Kudsi, N.Gokcal, F.Crawford, A. S.Chang, K.Chung, S. K.Litwin, D., Learning Curve of Robotic Rives-Stoppa Ventral Hernia Repair: A Cumulative Sum Analysis. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;756-764	3
2559	J. F. A. Salem, S.Schoonyoung, H.Martin, C.Marks, J. H., Initial clinical experience with Single-Port robotic (SP r) left colectomy using the SP surgical system: description of the technique. Surgical Endoscopy. 2021;35;4022-4027	3
2560	N. B. H. Abt, A. J.Feng, A. L.Suresh, K.Mokhtari, T. E.McHugh, C. I.Parikh, A. S.Faden, D. L.Deschler, D. G.Varvares, M. A.Lin, D. T.Richmon, J. D., Opioid Usage and Prescribing Predictors Following Transoral Robotic Surgery for Oropharyngeal Cancer. Laryngoscope. 2021;131;E1888-E1894	3
2561	H. W. Y. Ho, C. C.Lin, H. M.Chen, H. Y.Huang, C. C.Wang, S. C.Lin, Y. W., The feasibility and efficacy of new SBRT technique HyperArc for recurrent nasopharyngeal carcinoma: noncoplanar cone-based robotic system vs. noncoplanar high-definition MLC based Linac system. Medical Dosimetry. 2021;46;164-170	3
2562	S. N. Hangai, T.Soma, T.Miyashita, H.Asoda, S.Yazawa, M.Sato, K.Kawana, H.Ohnishi, K.Kobayashi, E., Development of a microsurgery-assisted robot for high-precision thread traction and tension control, and confirmation of its applicability. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2205	2
2563	I. K. Gabriel, A.Brito, L. G.Abdalian, T.Vitonis, A. F.Minassian, V. A., Pelvic organ prolapse after 3 modes of hysterectomy: long-term follow-up. American Journal of Obstetrics & Gynecology. 2021;224;496.e1-496.e10	3
2564	D. L. Meijer, H. B.van Leeuwen, P. J.Remmers, S.Jansen, B. H. E.Bodar, Y. J. L.Witteveen, T.Schaake, E. E.van der Poel, H. G.Wondergem, M.Busstra, M. B.Nieuwenhuijzen, J. A.Meijnen, P.Brabander, T.van Moorselaar, R. J. A.Hendrikse, N. H.Oprea-Lager, D. E.Roobol, M. J.Vis, A. N., Prostate Specific Membrane Antigen Positron Emission Tomography/Computerized Tomography in the Evaluation of Initial Response in Candidates Who Underwent Salvage Radiation Therapy after Radical Prostatectomy for Prostate Cancer. Journal of Urology. 2021;205;1100-1109	3
2565	K. R. B. Unruh, A. L.Bernier, G. V.Flum, D. R.Kumar, A. S.Moonka, R.Thirlby, R. C.Simianu, V. V., Evaluating the Regional Uptake of Minimally Invasive Colorectal Surgery: a Report from the Surgical Care Outcomes Assessment Program. Journal of Gastrointestinal Surgery. 2021;25;2387-2397	4
2566	Q. L. Zhou, E.Ren, H.Yuan, Q.Ou, Y.Liu, W., Is robot-assisted retroperitoneal adrenalectomy safe? An investigation of perioperative hypertensive crisis among hypertensive and normotensive patients. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2202	3
2567	J. H. Li, L.Zhou, W.Wang, Z.Li, Z.Zeng, L.Liu, Z.Shen, H.Cai, Z.Gu, H.Yang, X.Zhang, R.Hu, W.Yu, M.Chen, J., Evaluation of a new spinal surgical robotic system of Kirschner wire placement for lumbar fusion: A multi-centre, randomised controlled clinical study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2207	12

2568	P. M. Dell'Oglio, P.Maurer, T.Wit, E. M. K.van Leeuwen, P. J.van der Poel, H. G.van Leeuwen, F. W. B.van Oosterom, M. N., A DROP-IN Gamma Probe for Robot-assisted Radioguided Surgery of Lymph Nodes During Radical Prostatectomy. European Urology. 2021;79;124-132	3
2569	A. F. D. van Oosten, D.Habib, J. R.Irfan, A.Schmocker, R. K.Sereni, E.Kinny-Koster, B.Wright, M.Groot, V. P.Molenaar, I. Q.Cameron, J. L.Makary, M.Burkhart, R. A.Burns, W. R.Wolfgang, C. L.He, J., Perioperative Outcomes of Robotic Pancreaticoduodenectomy: a Propensity-Matched Analysis to Open and Laparoscopic Pancreaticoduodenectomy. Journal of Gastrointestinal Surgery. 2021;25;1795-1804	12
2570	J. S. M. R. Zimmermann, J. C.Radosa, M. P.Sklavounos, P.Schweitzer, P. A.Solomayer, E. F., Survey of current practices and opinions of German Society of Gynecologic Endoscopy members regarding the treatment of ovarian neoplasia by robotic surgery. Archives of Gynecology & Obstetrics. 2021;303;1305-1313	5
2571	N. S. F. Vuong, J. M.Michiels, C.Calen, L.Tesi, L.Capon, G.Bensadoun, H.Alezra, E.Estrade, V.Robert, G.Bladou, F.Bernhard, J. C., Robot-assisted versus open surgery for radical nephrectomy with level 1-2 vena cava tumor thrombectomy: a French monocenter experience (UroCCR study #73). Minerva Urology and Nephrology. 2021;73;498-508	13
2572	A. K. F. Gergen, J. H.Weyant, M. J.Pratap, A., A novel technique of robotic preperitoneal approach for Morgagni hernia repair. Asian Journal of Endoscopic Surgery. 2021;14;648-652	3
2573	T. M. Jindal, M., Laparoscopic and robotic video endoscopic inguinal lymphadenectomy by the lateral approach. Asian Journal of Endoscopic Surgery. 2021;14;464-469	3
2574	M. B. D. Tuna, T.Tufek, I.Argun, O. B.Keskin, S.Obek, C.Kural, A. R., Off-Clamp Robot-Assisted Partial Nephrectomy: Is There Something More to Achieve Optimal Trifecta Outcomes?. Journal of Endourology. 2021;35;1153-1157	3
2575	L. C. F. Badiglian-Filho, C.Narciso de Oliveira Menezes, A.Mantoan, H.Kumagai, L. Y.Baiocchi, G., Vaginally assisted NOTES hysterectomy with adnexectomy (vNOTES) compared with conventional laparoscopy. A retrospective observational cohort study. International Journal of Gynaecology & Obstetrics. 2021;153;351-356	2
2576	H. A. Courcier, H.Belghiti, J.Uzan, C.Canlorbe, G., Minimally invasive surgery for early-stage cervical cancer: Rediscovering the Schautheim robot-assisted procedure. Journal of Gynecology Obstetrics and Human Reproduction. 2021;50;101980	2
2577	G. G. Formisano, G.Salaj, A.Salvischiani, L.Ferraro, L.Luca, M.Bianchi, P. P., Robotic elective colectomy for diverticular disease: short-term outcomes of 80 patients. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2204	3
2578	K. F. C. Lee, C.Cheung, S.Wong, J.Fung, A.Lok, H. T.Lo, E.Lai, P., Robotic versus open hemihepatectomy: a propensity score-matched study. Surgical Endoscopy. 2021;35;2316-2323	12
2579	M. A. Gokceimam, S.Erten, O.Kahramangil, B.Kim, Y. S.Li, P.Berber, E., An intra-operative video comparison of laparoscopic versus robotic transabdominal lateral adrenalectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2203	13
2580	N. G. Bou-Ayash, F.Kudsi, O. Y., Robotic Inguinal Hernia Repair for Incarcerated Hernias. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;926-930	3

2581	C. S. Klapczynski, C.Tardieu, A.Peschot, C.Boutot, M.Mohand, N.Lacorre, A.Margueritte, F.Gauthier, T., Training for next generation surgeons: a pilot study of robot-assisted hysterectomy managed by resident using dual console. Archives of Gynecology & Obstetrics. 2021;303;981-986	3
2582	M. B. P. Popelin, U.Benamran, D.Ingels, A.Parra, J.Vaessen, C.Seisen, T.de La Taille, A.Roupret, M., Functional outcomes after robot-assisted pyeloplasty for ureteropelvic junction obstruction: A bi-centre experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2201	3
2583	X. P. X. Zhang, S.Wang, Y.Wang, Z. Z.Tan, X. L.Gao, Y. X.Zhao, G. D.Liu, Q.Zhao, Z. M.Liu, R., Robotic pancreatectomy for intraductal papillary mucinous neoplasm of the pancreas: A large-scale study. Journal of Hepato-biliary-pancreatic Sciences. 2021;28;942-952	3
2584	A. M. B. Ali, K. C.Worrell, S. G.Gray, K. E.Perry, Y.Linden, P. A.Towe, C. W., Robotic minimally invasive esophagectomy provides superior surgical resection. Surgical Endoscopy. 2021;35;6329-6334	13
2585	C. Q. Fiorillo, G.Menghi, R.Cina, C.Laterza, V.De Sio, D.Longo, F.Alfieri, S., Robotic rectal resection: oncologic outcomes. Updates in Surgery. 2021;73;1081-1091	3
2586	T. H. Scarritt, C. H.Maegawa, F. B.Ayala, A. E.Mobily, M.Ghaderi, I., Trends in Utilization and Perioperative Outcomes in Robotic-assisted Bariatric surgery using the MBSAQIP database: A 4-Year Analysis. Obesity Surgery. 2021;31;854-861	12
2587	B. B. Diaz-Feijoo, V.Hernandez, A.Gilabert-Estalles, J.Franco-Camps, S.de la Torre, J.Segrist, J.Chipirliu, A.Cabrera, S.Perez-Benavente, A.Gil-Moreno, A., Surgical complications comparing extraperitoneal vs transperitoneal laparoscopic aortic staging in early stage ovarian and endometrial cancer. Gynecologic Oncology. 2021;160;83-90	3
2588	M. S. Vimolratana, I. S.Goldman, D. A.Rizk, N. P.Tan, K. S.Bains, M. S.Adusumilli, P. S.Sihag, S.Isbell, J. M.Huang, J.Park, B. J.Molena, D.Rusch, V. W.Jones, D. R.Bott, M. J., Two-Year Quality of Life Outcomes After Robotic-Assisted Minimally Invasive and Open Esophagectomy. Annals of Thoracic Surgery. 2021;112;880-889	13
2589	Q. Q. Zhao, J.Feng, Z.Du, Y.Liu, Y.Zhao, Z.Sun, M.Cui, M.Zhao, X., Robotic Label-Free Precise Oocyte Enucleation for Improving Developmental Competence of Cloned Embryos. IEEE Transactions on Biomedical Engineering. 2021;68;2348-2359	2
2590	S. M. Di Maria Grimaldi, A.Pellegrino, L.Geretto, P.Palagi, S.Borghi, F., Robotic Wedge Resection for Unfavorably Located Gastric Gastrointestinal Stromal Tumors: Perioperative and Long-Term Oncological Outcomes. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;772-778	3
2591	K. H. Taguchi, S.Kato, T.Iwatsuki, S.Etani, T.Okada, A.Yasui, T., Robot-assisted fluoroscopy-guided renal puncture for endoscopic combined intrarenal surgery: a pilot single-centre clinical trial. BJU International. 2021;127;307-310	8
2592	S. I. M. Scott, A. K. O.Rubek, N.Kehlet, H.von Buchwald, C., Days alive and out of hospital after treatment for oropharyngeal squamous cell carcinoma with primary transoral robotic surgery or radiotherapy - a prospective cohort study. Acta Oto-Laryngologica. 2021;141;193-196	9
2593	Y. L. Xu, X. K.Cong, Z. Z.Zhou, H.Wu, W. J.Qiang, Y.Yi, J.Shen, Y., Long-term outcomes of robotic-assisted versus thoraco-laparoscopic McKeown esophagectomy for esophageal cancer: a propensity score-matched study. Diseases of the Esophagus. 2021;34;9	13
2594	O. Y. C. Kudsi, K.Bou-Ayash, N.Gokcal, F., Hybrid Robotic Hernia Repair for Incisional Hernias: Perioperative and Patient-Reported Outcomes. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2021;31;570-578	3

2595	A. A. C. Gumbs, E.Abu Hilal, M.Croner, R.Gayet, B.Gagner, M., The experience of the minimally invasive (MI) fellowship-trained (FT) hepatic-pancreatic and biliary (HPB) surgeon: could the outcome of MI pancreatoduodenectomy for peri-ampullary tumors be better than open?. Surgical Endoscopy. 2021;35;5256-5267	2
2596	M. E. Shimbo, F.Tominaga, K.Sano, M.Nishino, T.Kyono, Y.Komatsu, K.Ohyama, T.Sakurai, M.Narimoto, K.Matsushita, K.Hattori, K., Optimizing first trocar access for robot-assisted radical prostatectomy: Optical trocar access through the upper abdominal quadrant using the Kii Fios First Entry trocar. Asian Journal of Endoscopic Surgery. 2021;14;443-450	2
2597	Y. T. Kobari, T.Yoshida, K.Ishida, H.Tanabe, K., Comparison of postoperative recovery after robot-assisted partial nephrectomy of T1 renal tumors through retroperitoneal or transperitoneal approach: A Japanese single institutional analysis. International Journal of Urology. 2021;28;183-188	3
2598	L. M. Lowenstein, O.Matanes, E.Lauterbach, R.Boulus, S.Weiner, Z.Baekelandt, J., Robotic Vaginal Natural Orifice Transluminal Endoscopic Hysterectomy for Benign Indications. Journal of Minimally Invasive Gynecology. 2021;28;1101-1106	3
2599	E. F. B. Hall, A. J.Robison, K.Ruhotina, M.Raker, C. A.Wohlrab, K., Ready for the robot? A cross-sectional survey of OB/GYN fellowship directors' experience and expectations of their incoming fellow's robotic surgical skills. Journal of Robotic Surgery. 2021;15;723-729	1
2600	K. T. Makiyama, T.Ohtake, S.Suzuki, A.Muraoka, K.Yao, M., Clinical use of a patient-specific simulator for patients who were scheduled for robot-assisted laparoscopic partial nephrectomy. International Journal of Urology. 2021;28;130-132	8
2601	G. K. Tran, L. S.Wrubel, A.Klochko, C. L.Davis, J. J.Soliman, S. B., Incidental findings detected on preoperative CT imaging obtained for robotic-assisted joint replacements: clinical importance and the effect on the scheduled arthroplasty. Skeletal Radiology. 2021;50;1151-1161	3
2602	H. S. S. Parhar, D.Brody, R. M.Cannady, S. B.Newman, J. G.O'Malley, B. W., Jr.Chalian, A. A.Rassekh, C. H.Weinstein, G. S.Rajasekaran, K., Revisiting the Recommendation for Contralateral Tonsillectomy in HPV-Associated Tonsillar Carcinoma. Otolaryngology - Head & Neck Surgery. 2021;164;1222-1229	2
2603	A. S. R. Joshua, N. J., A four-tendon robotic finger with tendon transmission inspired by the human extensor mechanism. Bioinspiration & Biomimetics. 2021;16;10	2
2604	E. M. M. Bajalia, A. A.Haehn, D. A.Kahn, A. E.Ball, C. T.Thiel, D. D., Independent external validation of a nomogram to define risk categories for a significant decline in estimated glomerular filtration rate after robotic-assisted partial nephrectomy. International Journal of Urology. 2021;28;75-79	3
2605	O. Y. G. Kudsi, F.Bou-Ayash, N.Chang, K., Comparison of Midterm Outcomes Between Open and Robotic Emergent Ventral Hernia Repair. Surgical Innovation. 2021;28;449-457	12
2606	A. U. S. Gullu, S.Ersin, E.Demirhisar, O.Whitham, T.Kocyigit, M.Alhan, C., Robotic-assisted cardiac surgery without aortic cross-clamping: A safe alternative approach. Journal of Cardiac Surgery. 2021;36;165-168	3
2607	I. R. V. N. C. Assessment of Ventilation during general AnesThesia for Robotic surgery Study, MembersSteering Committee, MembersA. VATaR Investigators, Ventilation and outcomes following robotic-assisted abdominal surgery: an international, multicentre observational study. British Journal of Anaesthesia. 2021;126;533-543	3
2608	H. A. Shalaby, M.Omar Md, M.Zora Md, G.Alawwad, S.Alameer, E.Youssef, M.Attia, A. S.Buell, J.Grace, L.Kandil, E., Robotic and Laparoscopic Approaches for Adrenal Surgery in Obese Patients. American Surgeon. 2021;87;588-594	12

2609	L. C. Solaini, D.Fico, V.Milone, M.De Pascale, S.Desiderio, J.Vitali, G.Parisi, A.Fumagalli Romario, U.De Palma, G. D.D'Ugo, D.Ercolani, G., Open versus laparoscopic versus robotic gastric gastrointestinal stromal tumour resections: A multicentre cohort study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2198	12
2610	D. S. Z. Nichols, J.Boyce, B. J.Amdur, R.Mendenhall, W. M.Danan, D.Hitchcock, K.Ning, K.Keyes, K.Lee, J. H.Dziegielewski, P. T., HPV/p16-positive oropharyngeal cancer treated with transoral robotic surgery: The roles of margins, extra-nodal extension and adjuvant treatment. American Journal of Otolaryngology. 2021;42;102793	3
2611	C. H. N. Kang, K. J.Park, S.Park, I. K.Kim, Y. T., Long-Term Outcomes of Robotic Thymectomy in Patients With Thymic Epithelial Tumors. Annals of Thoracic Surgery. 2021;112;430-435	3
2612	M. V. Islam, V.Lim, C. M.Ren, H., ST-MTL: Spatio-Temporal multitask learning model to predict scanpath while tracking instruments in robotic surgery. Medical Image Analysis. 2021;67;101837	5
2613	L. A. H. A. A. Posada Calderon, B.Shoag, J.Patel, N.Nicolas, J. D.Scherr, D. S., The role of surgical experience in patient selection, surgical quality, and outcomes in robot-assisted radical cystectomy. Urologic Oncology. 2021;39;44724	3
2614	V. W. Moll, C. T.Jabaley, C. S.O'Reilly-Shah, V. N.Boorman, D. W.McKenzie-Brown, A. M.Halkos, M. E.Prabhakar, A.Pyronneau, L. R.Schmidt, P. C., Erector Spinae Regional Anesthesia for Robotic Coronary Artery Bypass Surgery Is Not Associated With Reduced Postoperative Opioid Use: A Retrospective Observational Study. Journal of Cardiothoracic & Vascular Anesthesia. 2021;35;2034-2042	3
2615	W. P. Wang, B.Yan, J.Fu, Y.Liu, Y., Magnetic resonance imaging and transrectal ultrasound prostate image segmentation based on improved level set for robotic prostate biopsy navigation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44575	2
2616	H. J. J. Cho, J. Y.Jeong, S. Y.Kang, I. C.Lee, S. H.Choi, S. H., Robotic limited local resection of duodenal juxta-ampullary neoplasms. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2192	3
2617	L. M. Bertolaccini, G.Galetta, D.Spaggiari, L., Synchronous Robot-Assisted Pulmonary and Urologic Resections for Cancer. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2021;16;101-103	5
2618	J. W. Ebbing, P. N.Akre, O.Carlsson, S.Olsson, M. J.Hoijer, J.Heimer, M.Collins, J. W., Development and validation of non-guided bladder-neck and neurovascular-bundle dissection modules of the RobotiX-Mentor R full-procedure robotic-assisted radical prostatectomy virtual reality simulation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2195	5
2619	A. L. K. Falkowski, B. K.Benz, R. M.Tobler, P.Schon, S.Stieltjes, B.Hirschmann, A., In vivo 3D tomography of the lumbar spine using a twin robotic X-ray system: quantitative and qualitative evaluation of the lumbar neural foramina in supine and upright position. European Radiology. 2021;31;3478-3490	2
2620	J. I. Teishima, S.Miyamoto, S.Fukuoka, K.Sekino, Y.Kitano, H.Hieda, K.Hayashi, T.Matsubara, A., Impact of postoperative acute kidney injury on predicting the upstaging of chronic kidney disease after robot-assisted partial nephrectomy. Asian Journal of Endoscopic Surgery. 2021;14;50-56	3

2621	D. A. S. Haehn, A. M.Bajalia, E. M.Thomas Ball, C.Irizarry-Alvarado, J. M.Thiel, D. D., Retrospective Evaluation of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers on Postoperative Estimated Glomerular Filtration Rates Following Robotic-Assisted Partial Nephrectomy. Journal of Endourology. 2021;35;808-813	3
2622	H. D. Su, A.Mira, R. M.Ungari, M.Zhou, X.Li, J.Hu, Y.Ferrigno, G.De Momi, E., Experimental validation of manipulability optimization control of a 7-DoF serial manipulator for robot-assisted surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44572	5
2623	A. J. W. B. Beulens, W. M.Umari, P.Koldewijn, E. L.Hendrikx, A. J. M.van Basten, J. P.van Merrienboer, J. J. G.van der Poel, H. G.Bangma, C.Wagner, C., Identifying the relationship between postoperative urinary continence and residual urethra stump measurements in robot assisted radical prostatectomy patients. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2196	1
2624	J. J. N. Butz, S. L., Robotic-assisted pulley technique for the ventral hernia. Journal of Robotic Surgery. 2021;15;717-721	5
2625	H. W. K. Richards, A. N.Cooper, J. N.McLeod, D. J.Diefenbach, K. A.Michalsky, M. P., Trends in robotic surgery utilization across tertiary children's hospitals in the United States. Surgical Endoscopy. 2021;35;6066-6072	5
2626	Y. H. K. Chen, H. Y.Anuwong, A.Huang, T. S.Duh, Q. Y., Transoral robotic thyroidectomy versus transoral endoscopic thyroidectomy: a propensity-score-matched analysis of surgical outcomes. Surgical Endoscopy. 2021;35;6179-6189	12
2627	S. Z. A. Griffiths, M. F.Bianco, L. D.Pontes, M. C.Wu, E. S., Robotic-Assisted Total Knee Arthroplasty: An Assessment of Content, Quality, and Readability of Available Internet Resources. Journal of Arthroplasty. 2021;36;946-952	5
2628	M. H. H. S. Larsen, S. I.Kehlet, H.von Buchwald, C., Days alive and out of hospital a validated patient-centred outcome to be used for patients undergoing transoral robotic surgery: protocol and perspectives. Acta Oto-Laryngologica. 2021;141;95-98	3
2629	M. E. N. Bock, R.Soyster, M.Song, L.Tachibana, I.Hathaway, J. K.Powell, C. R., Robotic Sacral Colpopexy Using Autologous Fascia Lata Compared with Mesh. Journal of Endourology. 2021;35;801-807	3
2630	L. F. Manuel, L. S.Bassin, L., Robotic approach to the porcelain aorta: staged transcatheter aortic valve replacement and robotically assisted coronary artery bypass. ANZ Journal of Surgery. 2021;91;E128-E129	8
2631	S. A. H. Parascandola, M. L.Hota, S.Sparks, A. D.Tampo, M. M. T.Kim, G.Obias, V., Surgical resection of T4 colon cancers: an NCDB propensity score-matched analysis of open, laparoscopic, and robotic approaches. Journal of Robotic Surgery. 2021;15;701-710	12
2632	P. S. Capmas, E.Larouche, M., Conversion rate of laparoscopic or robotic to open sacrocolpopexy: are there associated factors and complications?. International Urogynecology Journal. 2021;32;2249-2256	13
2633	X. C. Shu, Q.Xie, L., A novel robotic system for flexible ureteroscopy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44572	2
2634	R. L. K. Ackah, D. M.Merritt, R. E.Kneuertz, P. J., Preparing for the Worst: Universal Algorithm for Robotic Surgery Emergency Conversion. Journal of the American College of Surgeons. 2021;232;220-222	5

2635	R. V. Ma, E. B.Nguyen, J. H.Chen, A.Chen, J.Hung, A. J., A Novel Dissection Gesture Classification to Characterize Robotic Dissection Technique for Renal Hilar Dissection. Journal of Urology. 2021;205;271-275	5
2636	D. G. Gonzalez, S.Cook, D.Hedequist, D., Initial intraoperative experience with robotic-assisted pedicle screw placement with stealth navigation in pediatric spine deformity: an evaluation of the first 40 cases. Journal of Robotic Surgery. 2021;15;687-693	3
2637	Y. M. B. Khalafallah, T.Ranson, S.Liu, C.Collins, D. T.Dort, J.Hafner, G., Residents' Views on the Impact of Robotic Surgery on General Surgery Education. Journal of Surgical Education. 2021;78;1007-1012	1
2638	K. J. N. Eoh, E. J.Kim, S. W.Shin, M.Kim, S. J.Kim, J. A.Kim, Y. T., Nationwide Comparison of Surgical and Oncologic Outcomes in Endometrial Cancer Patients Undergoing Robotic, Laparoscopic, and Open Surgery: A Population-Based Cohort Study. Cancer Research & Treatment. 2021;53;549-557	13
2639	J. P. Kwon, S. Y.Park, Y.Jun, E.Lee, W.Song, K. B.Lee, J. H.Hwang, D. W.Kim, S. C., A comparison of minimally invasive vs open distal pancreatectomy for resectable pancreatic ductal adenocarcinoma: Propensity score matching analysis. Journal of Hepato-biliary-pancreatic Sciences. 2021;28;967-982	2
2640	K. G. Kapriniotis, G.Vianna, T.Mitsos, S.Panagiotopoulos, N., Facilitating robotic thymectomy in patients with pectus excavatum deformity. General Thoracic & Cardiovascular Surgery. 2021;69;618-620	5
2641	K. L. Wang, J.Yan, W.Lu, Q.Nie, S., Force feedback controls of multi-gripper robotic endovascular intervention: design, prototype, and experiments. International Journal of Computer Assisted Radiology & Surgery. 2021;16;179-192	5
2642	P. E. Umari, C.Cahill, D.Rizzo, M.Eden, D.Sooriakumaran, P., Retzius-Sparing versus Standard Robot-Assisted Radical Prostatectomy: A Comparative Prospective Study of Nearly 500 Patients. Journal of Urology. 2021;205;780-790	3
2643	C. C. W. Chang, J. L.Hsiao, J. R.Lin, C. Y., Real-Time, Intraoperative, Ultrasound-Assisted Transoral Robotic Surgery for Obstructive Sleep Apnea. Laryngoscope. 2021;131;E1383-E1390	3
2644	S. I. Akamoto, S.Fujiwara, Y.Habu, K.Konishi, Y.Fukuhara, T.Nakagawa, K., Extraperitoneal colostomy in robotic surgery for rectal cancer using a tip-up fenestrated grasper. Asian Journal of Endoscopic Surgery. 2021;14;636-639	5
2645	A. P. S. Kenigsberg, W.Meng, X.Ghandour, R.Rapoport, L.Bagrodia, A.Lotan, Y.Woldu, S. L.Margulis, V., Robotic Nephroureterectomy vs Laparoscopic Nephroureterectomy: Increased Utilization, Rates of Lymphadenectomy, Decreased Morbidity Robotically. Journal of Endourology. 2021;35;312-318	13
2646	M. d. A. Milone, N.Beghdadi, N.Brunetti, F.Manigrasso, M.De Simone, G.Servillo, G.Vertaldi, S.De Palma, G. D., Conversions related to adhesions in abdominal surgery. Robotic versus laparoscopic approach: A multicentre experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;e2186	4
2647	H. D. Takeyama, K.Nishigaki, T.Yamashita, M.Oka, Y., Surgical technique for mesorectal division during robot-assisted laparoscopic tumor-specific mesorectal excision (TSME) for rectal cancer using da Vinci Si surgical system: the simple switching technique (SST). Updates in Surgery. 2021;73;1093-1102	3
2648	Q. Z. Liu, Z.Gao, Y.Zhao, G.Jiang, N.Lau, W. Y.Liu, R., Novel Technique for Single-Layer Pancreatojejunostomy is Not Inferior to Modified Blumgart Anastomosis in Robotic Pancreatoduodenectomy: Results of a Randomized Controlled Trial. Annals of Surgical Oncology. 2021;28;2346-2355	3

2649	J. G. Du, L.Huang, D.Shan, L.Wang, W.Fan, Y.Hao, D.Yan, L., Radiological and clinical differences between robotic-assisted pedicle screw fixation with and without real-time optical tracking. European Spine Journal. 2021;30;142-150	3
2650	K. G. King, A.Stoltzfus, J.Claros, L.El Chaar, M., Robotic-Assisted Surgery Results in a Shorter Hospital Stay Following Revisional Bariatric Surgery. Obesity Surgery. 2021;31;634-639	12
2651	I. E. V. Govorov, M. A.Komlichenko, E. V., Robotic repair of the symptomatic vesicouterine fistula. International Urogynecology Journal. 2021;32;1945-1947	5
2652	C. G. Zhang, S.Xi, F. J., Man-machine interaction-based motion control of a robotic walker. Technology & Health Care. 2021;29;749-769	2
2653	P. G. B. Passias, A. E.Alas, H.Bortz, C. A.Pierce, K. E.Hassanzadeh, H.Labaran, L. A.Puvanesarajah, V.Vasquez-Montes, D.Wang, E.Ihejirika, R. C.Diebo, B. G.Lafage, V.Lafage, R.Sciubba, D. M.Janjua, M. B.Protopsaltis, T. S.Buckland, A. J.Gerling, M. C., A cost benefit analysis of increasing surgical technology in lumbar spine fusion. Spine Journal: Official Journal of the North American Spine Society. 2021;21;193-201	12
2654	G. N. L. Piozzi, T. H.Kwak, J. M.Kim, J.Kim, S. H., Robotic-assisted resection for beyond TME rectal cancer: a novel classification and analysis from a specialized center. Updates in Surgery. 2021;73;1103-1114	3
2655	B. U. S. Shyr, B. S.Chen, S. C.Shyr, Y. M.Wang, S. E., Robotic and open pancreaticoduodenectomy: results from Taipei Veterans General Hospital in Taiwan. Updates in Surgery. 2021;73;939-946	12
2656	J. H. K. Marks, E.Salem, J. F.Martin, C.Anderson, B.Agarwal, S., First clinical experience with single-port robotic transanal minimally invasive surgery (SP rTAMIS) for benign rectal neoplasms. Techniques in Coloproctology. 2021;25;117-124	3
2657	L. A. J. White, J. P.Yang, D. Y.Kelley, S. R.Mathis, K. L.Behm, K.Viers, B. R., Intraureteral indocyanine green augments ureteral identification and avoidance during complex robotic-assisted colorectal surgery. Colorectal Disease. 2021;23;718-723	3
2658	J. R. Kwon Kim, H.Kim, M.Kwon, E. K.Lee, H.Joon Park, S.Byun, S. S., Personalised three-dimensional printed transparent kidney model for robot-assisted partial nephrectomy in patients with complex renal tumours (R.E.N.A.L. nephrometry score >=7): a prospective case-matched study. BJU International. 2021;127;567-574	3
2659	H. K. Shimura, Y.Aikawa, J.Watanabe, N.Nakamura, K.Tsukamoto, T.Terada, S.Mitsui, T.Takeda, M., Cine magnetic resonance imaging provides novel predictors of early continence recovery after radical prostatectomy: Assessment of the dynamics of pelvic floor muscles. Neurourology & Urodynamics. 2021;40;256-264	3
2660	T. E. O. H. O'Connor, M. M.Khan, A.Mao, J. Z.Levy, L. C.Mullin, J. P.Pollina, J., Mazor X Stealth Robotic Technology: A Technical Note. World Neurosurgery. 2021;145;435-442	8
2661	L. D. I. Marano, A.Resca, L.Marrelli, D.Roviello, F., Robotic-assisted gastrectomy for gastric cancer: single Western center results. Updates in Surgery. 2021;73;865-872	3
2662	E. R. Aarsaether, M.Knutsen, T.Patel, H. R.Soltun, B., Improvement in early continence after introduction of periurethral suspension stitch in robotic prostatectomy. Journal of Robotic Surgery. 2021;15;679-686	3
2663	K. A. Huang, I. A.Cui, Z.Lai, J.Mills, J. K.Chu, H. K., Automated Embryo Manipulation and Rotation via Robotic nDEP-Tweezers. IEEE Transactions on Biomedical Engineering. 2021;68;2152-2163	2
2664	M. L. Aranda, J.Chang, W.Faler, B., An evaluation of bariatric surgery in all military treatment facilities. Surgical Endoscopy. 2021;35;5810-5815	2

2665	Q. L. Liu, R., ASO Author Reflections: A Novel Technique for Single Layer Pancreatojejunostomy is not Inferior to Modified Blumgart Anastomosis in Robotic Pancreatoduodenectomy-Results of a Randomized, Controlled Trial. Annals of Surgical Oncology. 2021;28;2356-2357	5
2666	S. J. Gao, S.Feng, M.Lu, X.Tong, W., A study on autonomous suturing task assignment in robot-assisted minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44571	5
2667	S. A. H. Parascandola, M. L.Hota, S.Paull, J. O.Graham, A.Pudalov, N.Smith, S.Amdur, R.Obias, V., The robotic colorectal experience: an outcomes and learning curve analysis of 502 patients. Colorectal Disease. 2021;23;226-236	3
2668	K. K. Tarim, M.Koseoglu, E.Canda, A. E.Kordan, Y.Balbay, M. D.Acar, O.Esen, T., Feasibility, safety and efficacy of argon beam coagulation in robot-assisted partial nephrectomy for solid renal masses <= 7 cm in size. Journal of Robotic Surgery. 2021;15;671-677	3
2669	B. M. P. Burt, N.Cekmecelioglu, D.Paily, P.Najafi, B.Lee, H. S.Montero, M., Safety of robotic first rib resection for thoracic outlet syndrome. Journal of Thoracic & Cardiovascular Surgery. 2021;162;1297-1305.e1	12
2670	G. S. L. Kilic, T.Lewis, K.Demirkiran, C.Dursun, F.Unlu, B. S., Perioperative, postoperative and anatomical outcomes of robotic sacrocolpopexy. Journal of Obstetrics & Gynaecology. 2021;41;651-654	3
2671	V. K. Lacroix, D.Matte, P.Pieters, T.Noirhomme, P.Poncelet, A.Steyaert, A., Robotic-Assisted Lobectomy Favors Early Lung Recovery versus Limited Thoracotomy. Thoracic & Cardiovascular Surgeon. 2021;69;557-563	13
2672	Y. X. Dai, Y.Zhang, J., Human-Inspired Haptic Perception and Control in Robot-Assisted Milling Surgery. IEEE Transactions on Haptics. 2021;14;359-370	5
2673	M. W. Oshima, S.Nakamura, Y.Konishi, T.Saito, K.Arai, Y.Miyagawa, T., Risks and complications of robot-assisted radical prostatectomy (RARP) in patients receiving antiplatelet and/or anticoagulant therapy: a retrospective cohort study in a single institute. Journal of Robotic Surgery. 2021;15;661-670	3
2674	K. R. S. M. Bhat, M. C.Onol, F. F.Rogers, T.Reddy, S. S.Corder, C.Roof, S.Patel, V. R., Evidence-based evolution of our robot-assisted laparoscopic prostatectomy (RALP) technique through 13,000 cases. Journal of Robotic Surgery. 2021;15;651-660	5
2675	G. E. M. Cacciamani, L.Lin-Brande, M.Tafuri, A.Lee, R. S.Ghodoussipour, S.Ashrafi, A. N.Winter, M.Ahmadi, N.Rajarubendra, N.Miranda, G.De Castro Abreu, A.Berger, A.Aron, M.Gill, I. S.Desai, M., Timing, Patterns and Predictors of 90-Day Readmission Rate after Robotic Radical Cystectomy. Journal of Urology. 2021;205;491-499	3
2676	A. P. Caycedo-Marulanda, S. V.Verschoor, C. P.Uscategui, J. P.Chadi, S. A.Moeslein, G.Chand, M.Maeda, Y.Monson, J. R. T.Wexner, S. D.Mayol, J., A Snapshot of the International Views of the Treatment of Rectal Cancer Patients, a Multi-regional Survey: International Tendencies in Rectal Cancer. World Journal of Surgery. 2021;45;302-312	2
2677	Z. Y. Zhao, Z.Pan, L.Li, C.Hu, M.Lau, W. Y.Liu, R., Robotic hepatic resection in postero-superior region of liver. Updates in Surgery. 2021;73;1007-1014	3
2678	G. T. H. Noh, M.Hur, H.Baik, S. H.Lee, K. Y.Kim, N. K.Min, B. S., Impact of laparoscopic surgical experience on the learning curve of robotic rectal cancer surgery. Surgical Endoscopy. 2021;35;5583-5592	3
2679	W. D. Luo, K.Zhang, N.Delgado, S.Guan, Z.Guan, X., A comparison of three approaches for laparoscopic single-site (LESS) myomectomy: conventional, robotic, and hand assisted. Journal of Robotic Surgery. 2021;15;643-649	13

2680	N. K. Sachdeva, M.Clair, R. S.Hahn, W. E., Using conditional generative adversarial networks to reduce the effects of latency in robotic telesurgery. Journal of Robotic Surgery. 2021;15;635-641	2
2681	L. F. Morelli, N.Gianardi, D.Guadagni, S.Di Franco, G.Bianchini, M.Palmeri, M.Masoni, C.Di Candio, G.Cuschieri, A., Use of barbed suture without fashioning the "classical" Wirsung-jejunostomy in a modified end-to-side robotic pancreatojejunostomy. Surgical Endoscopy. 2021;35;955-961	5
2682	K. G. Machetanz, F.Schuhmann, M.Tatagiba, M.Gharabaghi, A.Naros, G., Time Efficiency in Stereotactic Robot-Assisted Surgery: An Appraisal of the Surgical Procedure and Surgeon's Learning Curve. Stereotactic & Functional Neurosurgery. 2021;99;25-33	3
2683	A. B. Tribuzi, L.Paolini, C.Di Marino, M.Coratti, A., Robotic enucleation for oesophageal benign and borderline tumours: Less is more?. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44568	5
2684	K. T. O. Ravivarapu, O.Pfail, J.Tomer, N.Small, A. C.Palese, M. A., Robotic-assisted simple prostatectomy versus open simple prostatectomy: a New York statewide analysis of early adoption and outcomes between 2009 and 2017. Journal of Robotic Surgery. 2021;15;627-633	13
2685	D. R. Quinto, S. T.Zampolli, L. J.Pimenta, R.Guimaraes, V. R.Viana, N. I.Dos Santos, G. A.Gimenez, M. P.Leite, K. R.Zampolli, H.da Cruz, J. A. S.Srougi, M.Passerotti, C. C., Robotically assisted laparoscopic radical prostatectomy induces lower tissue trauma than radical retropubic prostatectomy. Journal of Robotic Surgery. 2021;15;147-151	4
2686	D. S. Motoyama, R.Watanabe, K.Matsushita, Y.Watanabe, H.Matsumoto, R.Ito, T.Sugiyama, T.Otsuka, A.Miyake, H., Perioperative outcomes in patients undergoing robot-assisted partial nephrectomy: Comparative assessments between complex and non-complex renal tumors. Asian Journal of Endoscopic Surgery. 2021;14;379-385	3
2687	A. C. Khafif, O.Masalha, M.Yaish, I.Hod, K.Assadi, N., Adoption of the transoral endoscopic vestibular approach by head and neck surgeons without prior laparoscopic/robotic experience. Head & Neck. 2021;43;496-504	3
2688	Y. W. Sun, W.Zhang, Q.Zhao, X.Xu, L.Guo, H., Intraoperative ultrasound: technique and clinical experience in robotic-assisted renal partial nephrectomy for endophytic renal tumors. International Urology & Nephrology. 2021;53;455-463	3
2689	A. D. Angus, A.Iacco, A., Evaluating outcomes for robotic-assisted inguinal hernia repair in males with prior urologic surgery: a propensity-matched analysis from a national database. Surgical Endoscopy. 2021;35;5310-5314	3
2690	H. S. Morohashi, Y.Miura, T.Kagiya, T.Ogasawara, K.Takahashi, Y.Sato, K.Hara, Y.Ogasawara, H.Hakamada, K., Short-term outcomes of robotic-assisted laparoscopic versus laparoscopic lateral lymph node dissection for advanced lower rectal cancer. Surgical Endoscopy. 2021;35;5001-5008	12
2691	R. K. Shelby, A. N.Villella, A.Michalsky, M. P.Diefenbach, K. A.Aldrink, J. H., A comparison of robotic-assisted splenectomy and laparoscopic splenectomy for children with hematologic disorders. Journal of Pediatric Surgery. 2021;56;1047-1050	12
2692	J. L. Hawksworth, N.Holzner, M. L.Radkani, P.Meslar, E.Winslow, E.Satoskar, R.He, R.Jha, R.Haddad, N.Fishbein, T., Robotic Hepatectomy Is a Safe and Cost-Effective Alternative to Conventional Open Hepatectomy: a Single-Center Preliminary Experience. Journal of Gastrointestinal Surgery. 2021;25;825-828	5
2693	D. K. Zhou, S.Takeyama, H.Haraguchi, D.Kaizu, Y.Nakao, S.Sonoda, K. H.Tadano, K., Eye Explorer: A robotic endoscope holder for eye surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44574	5

2694	J. N. F. Zhang, Y.He, X.Liu, T. J.Hao, D. J., Comparison of robot-assisted and freehand pedicle screw placement for lumbar revision surgery. International Orthopaedics. 2021;45;1531-1538	12
2695	J. C. T. Widen, M.Yim, J. J.Antaris, A.Casey, K. M.Rogalla, S.Klaassen, A.Sorger, J.Bogyo, M., AND-gate contrast agents for enhanced fluorescence-guided surgery. Nature Biomedical Engineering. 2021;5;264-277	2
2696	F. H. Luongo, R.Nguyen, J. H.Anandkumar, A.Hung, A. J., Deep learning-based computer vision to recognize and classify suturing gestures in robot-assisted surgery. Surgery. 2021;169;1240-1244	5
2697	N. C. C. P. I. Zoller EGerig, G., The Functional Rotational Workspace of a Human-Robot System can be Influenced by Adjusting the Telemanipulator Handle Orientation. IEEE Transactions on Haptics. 2021;14;335-346	2
2698	A. Z. Cestari, G.Fabbri, F.Sozzi, F.Ghezzi, M.Rigatti, P., Proper 6-branch suburethral autologous sling tensioning during robotic assisted radical prostatectomy with the intraopeartive use of retrograde perfusion sphincterometry: the technique. Journal of Robotic Surgery. 2021;15;603-609	3
2699	N. O. Joranson, C.Calogiuri, G.Ihlebaek, C.Pedersen, I., Effects on sleep from group activity with a robotic seal for nursing home residents with dementia: a cluster randomized controlled trial. International Psychogeriatrics. 2021;33;1045-1056	2
2700	E. H. Dinneen, A.Grierson, J.Freeman, A.Oxley, J.Briggs, T.Nathan, S.Williams, N. R.Brew-Graves, C.Persad, R.Aning, J.Jameson, C.Ratynska, M.Ben-Salha, I.Ball, R.Clow, R.Allen, C.Heffernan-Ho, D.Kelly, J.Shaw, G., NeuroSAFE frozen section during robot-assisted radical prostatectomy: peri-operative and histopathological outcomes from the NeuroSAFE PROOF feasibility randomized controlled trial. BJU International. 2021;127;676-686	3
2701	R. A. Bhanvadia, C.Gahan, J.Mauck, R.Bagrodia, A.Margulis, V.Lotan, Y.Roehrborn, C.Woldu, S., Perioperative outcomes and cost of robotic vs open simple prostatectomy in the modern robotic era: results from the National Inpatient Sample. BJU International. 2021;128;168-177	13
2702	K. P. Urgun, M.Chan, A.Hsu, F.Vadera, S., Surgical Robot-Enhanced Implantation of Intracranial Depth Electrodes for Single Neuron Recording Studies in Patients with Medically Refractory Epilepsy: A Technical Note. World Neurosurgery. 2021;145;210-219	3
2703	M. G. Misal, M.Wasson, M. N., Surgical Decision Regret in Women Pursuing Surgery for Endometriosis or Chronic Pelvic Pain. Journal of Minimally Invasive Gynecology. 2021;28;1343-1350	2
2704	J. N. K. Herb, D. G.Strassle, P. D.Stitzenberg, K. B.Haithcock, B. E.Mody, G. N.Long, J. M., Trends and Outcomes in Minimally Invasive Surgery for Locally Advanced Non-Small-Cell Lung Cancer With N2 Disease. Seminars in Thoracic & Cardiovascular Surgery. 2021;33;547-555	2
2705	F. M. Franke, T.Mehdorn, A. S.Beckmann, J. H.Becker, T.Egberts, J. H., Ivor-Lewis oesophagectomy: A standardized operative technique in 11 steps. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44571	3
2706	K. C. Lam, J.Purkayastha, S.Kinross, J. M., Uptake and accessibility of surgical robotics in England. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44568	5
2707	S. T. Nagatani, H.Kanehiro, T.Yamaoka, H.Kameda, Y., Inguinal hernia associated with radical prostatectomy. Surgery Today. 2021;51;792-797	2

2708	F. A. M. Mistretta, G.Colla Ruvolo, C.Conti, A.Luzzago, S.Catellani, M.Di Trapani, E.Cozzi, G.Bianchi, R.Ferro, M.Cioffi, A.Cordima, G.Brescia, A.Verweij, F.Bottero, D.Matei, D. V.Mirone, V.De Cobelli, O., Robot-Assisted Radical Cystectomy for Nonmetastatic Urothelial Carcinoma of Urinary Bladder: A Comparison Between Intracorporeal Versus Extracorporeal Orthotopic Ileal Neobladder. Journal of Endourology. 2021;35;151-158	3
2709	P. Y. Addison, A.Duarte-Ramos, J.Addy, J.Dechario, S.Husk, G.Jarrett, M.Teixeira, J.Antonacci, A.Filicori, F., Correlation between operative time and crowd-sourced skills assessment for robotic bariatric surgery. Surgical Endoscopy. 2021;35;5303-5309	3
2710	J. C. H. Kim, J. S.Lee, J. L.Kim, C. W.Yoon, Y. S.Park, S. H.Kim, J., Re-evaluation of possible vulnerable sites in the lateral pelvic cavity to local recurrence during robot-assisted total mesorectal excision. Surgical Endoscopy. 2021;35;5450-5460	3
2711	J. K. Morgenthaler, C.Budach, V.Sehouli, J.Stromberger, C.Besserer, A.Trommer, M.Baues, C.Marnitz, S., Long-term results of robotic radiosurgery for non brachytherapy patients with cervical cancer. Strahlentherapie und Onkologie. 2021;197;474-486	2
2712	S. Q. C. Chi, G. Q.Li, S.Guo, J. L.Zhang, X.Zhou, Y.Tang, S. T., Outcomes in robotic versus laparoscopic-assisted choledochal cyst excision and hepaticojejunostomy in children. Surgical Endoscopy. 2021;35;5009-5014	12
2713	R. C. Melnyk, T.Holler, T.Cameron, K.Saba, P.Witthaus, M. W.Joseph, J.Ghazi, A., See Like an Expert: Gaze-Augmented Training Enhances Skill Acquisition in a Virtual Reality Robotic Suturing Task. Journal of Endourology. 2021;35;376-382	1
2714	A. M. V. Falvo, V.Dove, J.Fluck, M.Daouadi, M.Gabrielsen, J.Horsley, R.Petrick, A.Parker, D. M., A 3-Year MBSAQIP propensity-matched analysis of Roux-en-Y gastric bypass with concomitant cholecystectomy: Is the robotic or laparoscopic approach preferred?. Surgical Endoscopy. 2021;35;4712-4718	12
2715	K. K. Bingmer, M.Wang, V.Ofshteyn, A.Steinhagen, E.Stein, S. L., Population demographics in geographic proximity to hospitals with robotic platforms do not correlate with disparities in access to robotic surgery. Surgical Endoscopy. 2021;35;4834-4839	5
2716	F. N. Menonna, N.Kauffmann, E. F.Iacopi, S.Gianfaldoni, C.Martinelli, C.Amorese, G.Vistoli, F.Boggi, U., Additional modifications to the Blumgart pancreaticojejunostomy: Results of a propensity score-matched analysis versus Cattel-Warren pancreaticojejunostomy. Surgery. 2021;169;954-962	2
2717	C. L. Xu, L.Zhou, C.Xie, L., A Compact Surgical Robot System for Craniomaxillofacial Surgery and its Preliminary Study. Journal of Craniofacial Surgery. 2021;32;101-107	5
2718	J. M. v. d. P. Blok, H. G.Kerst, J. M.Bex, A.Brouwer, O. R.Bosch, JlhrHorenblas, S.Meijer, R. P., Clinical outcome of robot-assisted residual mass resection in metastatic nonseminomatous germ cell tumor. World Journal of Urology. 2021;39;1969-1976	3
2719	J. S. Ye, H.Li, F.Tian, Y.Gao, Y.Zhao, S.Liu, B.Tong, W., Robotic-assisted transanal total mesorectal excision for rectal cancer: technique and results from a single institution. Techniques in Coloproctology. 2021;25;693-700	3
2720	B. J. H. Jank, M.Riss, D.Baumgartner, W. D., Acceptance of patients towards task-autonomous robotic cochlear implantation: An exploratory study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44567	3
2721	H. S. Dehghani, Y.Cubrich, L.Oleynikov, D.Farritor, S.Terry, B., An Optimization-Based Algorithm for Trajectory Planning of an Under-Actuated Robotic Arm to Perform Autonomous Suturing. IEEE Transactions on Biomedical Engineering. 2021;68;1262-1272	2

2722	A. S. G. Elsayed, S.Jing, Z.Wijburg, C.Wagner, A. A.Mottrie, A.Dasgupta, P.Peabody, J.Hussein, A. A.Guru, K. A., Rates and Patterns of Recurrences and Survival Outcomes after Robot-Assisted Radical Cystectomy: Results from the International Robotic Cystectomy Consortium. Journal of Urology. 2021;205;407-413	3
2723	F. F. Chiancone, M.Ferraiuolo, M.de Rosa, L.Prisco, E.Fedelini, M.Meccariello, C.Visciola, G.Fedelini, P., Clinical implications of transversus abdominis plane block (TAP-block) for robot assisted laparoscopic radical prostatectomy: A single-institute analysis. Urologia (Treviso). 2021;88;25-29	3
2724	R. S. Ahlawat, A.Jeong, W.Ghosh, P.Keeley, J.Abdollah, F.Kher, V.Olson, P.Farah, G.Wurst, H.Bhandari, M.Menon, M., Robotic Kidney Transplantation with Regional Hypothermia versus Open Kidney Transplantation for Patients with End Stage Renal Disease: An Ideal Stage 2B Study. Journal of Urology. 2021;205;595-602	13
2725	S. W. Wu, J.Gao, P.Liu, W.Hu, F.Jiang, W.Lei, T.Shu, K., A comparison of the efficacy, safety, and duration of frame-based and Remebot robot-assisted frameless stereotactic biopsy. British Journal of Neurosurgery. 2021;35;319-323	12
2726	M. C. B. Moschovas, S.Rogers, T.Onol, F.Roof, S.Sighinolfi, M. C.Rocco, B.Patel, V., Managing Patients with Prostate Cancer During COVID-19 Pandemic: The Experience of a High-Volume Robotic Surgery Center. Journal of Endourology. 2021;35;305-311	3
2727	A. M. Ghazi, R.Hung, A. J.Collins, J.Ertefaie, A.Saba, P.Gurung, P.Frye, T.Rashid, H.Wu, G.Mottrie, A.Costello, T.Dasgupta, P.Joseph, J., Multi-institutional validation of a perfused robot-assisted partial nephrectomy procedural simulation platform utilizing clinically relevant objective metrics of simulators (CROMS). BJU International. 2021;127;645-653	5
2728	J. H. L. Lim, W. J.Choi, S. H.Kang, C. M., Cholecystectomy using the Revo-i robotic surgical system from Korea: the first clinical study. Updates in Surgery. 2021;73;1029-1035	3
2729	R. M. Pini, F.Proietti, F.Cianfarani, A.Garofalo, F.Di Giuseppe, M.La Regina, D., Suture and Fixation of the Transversalis Fascia during Robotic-Assisted Transabdominal Preperitoneal Hernia Repair to Prevent Seroma Formation after Direct Inguinal Hernia Repair. Surgical Innovation. 2021;28;284-289	3
2730	I. M. Tamadon, V.Huan, Y.Condino, S.Quaglia, C.Ferrari, V.Ferrari, M.Menciassi, A., ValveTech: A Novel Robotic Approach for Minimally Invasive Aortic Valve Replacement. IEEE Transactions on Biomedical Engineering. 2021;68;1238-1249	2
2731	E. R. P. K. Collette, S. O.Lissenberg-Witte, B. I.van den Ouden, D.van Moorselaar, R. J. A.Vis, A. N., Patient reported outcome measures concerning urinary incontinence after robot assisted radical prostatectomy: development and validation of an online prediction model using clinical parameters, lower urinary tract symptoms and surgical experience. Journal of Robotic Surgery. 2021;15;593-602	3
2732	M. B. Tutolo, L.Van der Aa, F.Van Damme, N.Van Cleynenbreugel, B.Joniau, S.Ammirati, E.Vos, G.Briganti, A.De Ridder, D.Everaerts, W.Be, Ralp the Belgian Ralp consortium, A novel tool to predict functional outcomes after robot-assisted radical prostatectomy and the value of additional surgery for incontinence. BJU International. 2021;127;575-584	3
2733	M. M. P. Huang, H. D.Su, Z. T.Pavlovich, C. P.Partin, A. W.Pierorazio, P. M.Allaf, M. E., A prospective comparative study of routine versus deferred pelvic drain placement after radical prostatectomy: impact on complications and opioid use. World Journal of Urology. 2021;39;1845-1851	3
2734	P. R. Achilli, T. S.Lovely, J. K.Behm, K. T.Mathis, K. L.Kelley, S. R.Merchea, A.Colibaseanu, D. T.Larson, D. W., Preoperative predictive risk to cancer quality in robotic rectal cancer surgery. European Journal of Surgical Oncology. 2021;47;317-322	3

2735	T. C. F.-L. Geraci, D.Pozzi, N.Cerfolio, R. J., Midterm Results for Robotic Thymectomy for Malignant Disease. Annals of Thoracic Surgery. 2021;111;1675-1681	3
2736	J. S. H. Barajas-Gamboa, F.Jensen, J.Luengas, R.Rodriguez, J.Abril, C.Corcelles, R.Kroh, M., First in-human experience with a novel robotic platform and Magnetic Surgery System. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44568	2
2737	P. G. Zeuschner, L.Meyer, I.Linxweiler, J.Janssen, M.Wagenpfeil, G.Wagenpfeil, S.Siemer, S.Stockle, M.Saar, M., Open versus robot-assisted partial nephrectomy: A longitudinal comparison of 880 patients over 10 years. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44569	13
2738	Y. H. Ko, The comparison of the survival outcome between robotic-assisted radical prostatectomy and radiation therapy for localized prostate cancer in men over 70 years: Korean Nationwide Observational Study. Journal of Robotic Surgery. 2021;15;585-592	3
2739	H. C. F. Lin, M., Transoral robotic OSA surgery. Auris, Nasus, Larynx. 2021;48;339-346	5
2740	M. W. Baimas-George, M.Salibi, P.Tschuor, C.Murphy, K. J.Iannitti, D.Baker, E.Ocuin, L.Vrochides, D.Martinie, J. B., Oncologic Outcomes of Robotic Left Pancreatectomy for Pancreatic Adenocarcinoma: A Single-Center Comparison to Laparoscopic Resection. American Surgeon. 2021;87;45-49	12
2741	O. S. Harmanli, S.Bayram, A.Yuksel, B.Jones, K., Optimizing the robotic surgery team: an operations management perspective. International Urogynecology Journal. 2021;32;1379-1385	3
2742	B. U. S. Shyr, B. S.Chen, S. C.Shyr, Y. M.Wang, S. E., Mesopancreas level 3 dissection in robotic pancreaticoduodenectomy. Surgery. 2021;169;362-368	12
2743	S. O. Tsunoda, K.Hisamori, S.Nishigori, T.Okamura, R.Maekawa, H.Sakai, Y., Lower Incidence of Postoperative Pulmonary Complications Following Robot-Assisted Minimally Invasive Esophagectomy for Esophageal Cancer: Propensity Score-Matched Comparison to Conventional Minimally Invasive Esophagectomy. Annals of Surgical Oncology. 2021;28;639-647	13
2744	J. Z. Lu, C. H.Xu, B. B.Xie, J. W.Wang, J. B.Lin, J. X.Chen, Q. Y.Cao, L. L.Lin, M.Tu, R. H.Huang, Z. N.Lin, J. L.Zheng, H. L.Huang, C. M.Li, P., Assessment of Robotic Versus Laparoscopic Distal Gastrectomy for Gastric Cancer: A Randomized Controlled Trial. Annals of Surgery. 2021;273;858-867	12
2745	D. T. Sri, R.Patel, H. R. H.Lazarus, J.Berger, F.McArthur, R.Lavigueur-Blouin, H.Afshar, M.Fraser-Taylor, C.Le Roux, P.Liban, J.Anderson, C. J., Robotic-assisted partial nephrectomy (RAPN) and standardization of outcome reporting: a prospective, observational study on reaching the "Trifecta and Pentafecta". Journal of Robotic Surgery. 2021;15;571-577	3
2746	M. G. Sievert, M.Zbidat, A.Traxdorf, M.Mueller, S. K.Iro, H.Gostian, A. O., Outcomes of transoral laser microsurgery and transoral robotic surgery in oropharyngeal squamous cell carcinoma. Auris, Nasus, Larynx. 2021;48;295-301	13
2747	B. D. Gardella, M.Bogliolo, S.Spinillo, A., Surgical outcome for robotic-assisted single-site hysterectomy (RSSH) in female-to male reassignment compared to its use in benign gynecological disease: a single center experience. Journal of Robotic Surgery. 2021;15;579-584	3
2748	N. H. O. Dhanani, O. A.Millas, S.Askenasy, E. P.Ko, T. C.Liang, M. K.Holihan, J. L., Is robotic surgery feasible at a safety net hospital?. Surgical Endoscopy. 2021;35;4452-4458	12
2749	S. Y. Fan, L.Yang, K.Wang, J.Li, X.Xiong, S.Yu, X.Li, Z.Guan, H.Zhu, H.Zhang, P.Li, X.Zhou, L., Posteriorly Augmented Anastomotic Ureteroplasty with Lingual Mucosal Onlay Grafts for Long Proximal Ureteral Strictures: 10 Cases of Experience. Journal of Endourology. 2021;35;192-199	3

2750	A. C. H. Spaulding, H.Osagiede, O.Lemini, R.Cochuyt, J. J.Watson, J.Naessens, J. M.Colibaseanu, D. T., Hospital robotic use for colorectal cancer care. Journal of Robotic Surgery. 2021;15;561-569	3
2751	D. H. C. Lee, B.Kim, J.Kwon, D. S., easyEndo robotic endoscopy system: Development and usability test in a randomized controlled trial with novices and physicians. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44575	1
2752	Y. F. Wang, Z.Zhao, Z. F.Shen, Y.Zhang, T. F.Shi, W. Y.Fei, J.Chen, G. B., Experimental study of the optimum puncture pattern of robot-assisted needle insertion into hyperelastic materials. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2021;235;28-43	5
2753	T. D. H. Lyon, M. R.Shah, P. H.Boorjian, S. A.Tollefson, M. K.Frank, I., Development of a technique for evaluating the presence of malignant cells in prostatic fluid during robotic prostatectomy. Urologic Oncology. 2021;39;192.e1-192.e6	3
2754	U. S. Carbonara, G.Minervini, A.Sundaram, C. P.Larcher, A.Lee, J.Checcucci, E.Fiori, C.Patel, D.Meagher, M.Crocerossa, F.Veccia, A.Hampton, L. J.Ditonno, P.Battaglia, M.Brassetti, A.Bove, A.Mari, A.Campi, R.Carini, M.Sulek, J.Montorsi, F.Capitanio, U.Eun, D.Porpiglia, F.Derweesh, I.Autorino, R., Outcomes of robot-assisted partial nephrectomy for completely endophytic renal tumors: A multicenter analysis. European Journal of Surgical Oncology. 2021;47;1179-1186	3
2755	S. O. Tsunoda, K., ASO Author Reflections: Clinical Benefit of Robot-Assisted Minimally Invasive Esophagectomy over Conventional Minimally Invasive Esophagectomy. Annals of Surgical Oncology. 2021;28;648-649	5
2756	V. B. Zanagnolo, C.Achilarre, M. T.Aloisi, A.Betella, I.Bogliolo, S.Garbi, A.Maruccio, M.Multinu, F.Aletti, G.Maggioni, A., Oncologic Outcomes of Robotic Radical Hysterectomy (RRH) for Patients with Early-Stage Cervical Cancer: Experience at a Referral Cancer Center. Annals of Surgical Oncology. 2021;28;1819-1829	3
2757	A. A. Valverde, S.Danoussou, D.Goasguen, N.Jouvin, I.Oberlin, O.Lupinacci, R. M., Transitioning From Open to Robotic Liver Resection. Results of 46 Consecutive Procedures Including a Majority of Major Hepatectomies. Surgical Innovation. 2021;28;309-315	12
2758	F. U. Rebecchi, E.Palagi, S.Genzone, A.Toppino, M.Morino, M., Robotic "Double Loop" Roux-en-Y gastric bypass reduces the risk of postoperative internal hernias: a prospective observational study. Surgical Endoscopy. 2021;35;4200-4205	3
2759	V. A. Zanagnolo, A., ASO Author Reflections: Robotic Radical Hysterectomy for Patients with Early-Stage Cervical Cancer: Oncologic Outcomes. Annals of Surgical Oncology. 2021;28;1830-1831	5
2760	I. L. Sucandy, K.Rivera-Espineira, G.Krill, E.Castro, M.Bourdeau, T.Ross, S.Rosemurgy, A., Robotic Major Hepatectomy: Influence of Age on Clinical Outcomes. American Surgeon. 2021;87;114-119	3
2761	E. B. Kawai, L.Hotton, J.Rance, B.Bonsang-Kitzis, H.Lecuru, F.Balaya, V.Ngo, C., Impact of obesity on surgical and oncologic outcomes in patients with endometrial cancer treated with a robotic approach. Journal of Obstetrics & Gynaecology Research. 2021;47;128-136	3
2762	Y. B. J. Ji, J. H.Wu, C. W.Chiang, F. Y.Tae, K., Neural Monitoring of the External Branch of the Superior Laryngeal Nerve During Transoral Thyroidectomy. Laryngoscope. 2021;131;E671-E676	12
2763	G. W. P. Lee, J. Y.Kim, D. Y.Suh, D. S.Kim, J. H.Kim, Y. M.Kim, Y. T.Nam, J. H., Usefulness of sentinel lymph node mapping using indocyanine green and fluorescent imaging in the diagnosis of lymph node metastasis in endometrial cancer. Journal of Obstetrics & Gynaecology. 2021;41;605-611	3

2764	A. M. L. Asghar, Z.Lee, R. A.Slawin, J.Cheng, N.Koster, H.Strauss, D. M.Lee, M.Reddy, R.Drain, A.Lama-Tamang, T.Jun, M. S.Metro, M. J.Ahmed, M.Stifelman, M.Zhao, L.Eun, D. D., Robotic Ureteral Reconstruction in Patients with Radiation-Induced Ureteral Strictures: Experience from the Collaborative of Reconstructive Robotic Ureteral Surgery. Journal of Endourology. 2021;35;144-150	3
2765	B. D. Z. Lo, G. Q.Stem, M.Sahyoun, R.Efron, J. E.Safar, B.Atallah, C., Do specific operative approaches and insurance status impact timely access to colorectal cancer care?. Surgical Endoscopy. 2021;35;3774-3786	12
2766	W. C. Chaowawanit, V.Wilson, E.Chetty, N.Perrin, L.Jagasia, N.Barry, S., Comparison between laparoscopic and robotic surgery for sentinel lymph node mapping in endometrial cancer using indocyanine green and near infra-red fluorescence imaging. Journal of Obstetrics & Gynaecology. 2021;41;642-646	2
2767	S. C.-I. Hans, Y.Circiu, M. P.Distinguin, L.Crevier-Buchman, L.Lechien, J. R., Surgical, Oncological, and Functional Outcomes of Transoral Robotic Supraglottic Laryngectomy. Laryngoscope. 2021;131;1060-1065	3
2768	S. M. Wijerathne, S.Usmani, F.Lomanto, D., Minimally invasive repair for lateral ventral hernia: tailored approach from a hernia centre at a tertiary care institution. Hernia. 2021;25;399-410	12
2769	M. S. L. Mangano, C.Beniamin, F.De Gobbi, A.Ciaccia, M.Maccatrozzo, L., The role of bedside assistant during robot assisted radical prostatectomy: Is more experience better? Analysis on perioperative and clinical outcomes. Urologia (Treviso). 2021;88;44817	3
2770	D. B. Aggarwal, G. S.Mavuduru, R. S.Jangra, K.Sharma, A. P.Gupta, S.Devana, S. K.Parmar, K.Kumar, S.Mete, U. K.Singh, S. K., Robot-assisted pelvic urologic surgeries: is it feasible to perform under reduced tilt?. Journal of Robotic Surgery. 2021;15;553-559	3
2771	A. C. Khan, C.Yuan, K.Wang, X.Mehra, P.Liu, Y.Tong, K. Y., Changes in electroencephalography complexity and functional magnetic resonance imaging connectivity following robotic hand training in chronic stroke. Topics in Stroke Rehabilitation. 2021;28;276-288	2
2772	R. A. Bhanvadia, C.Bagrodia, A.Lotan, Y.Margulis, V.Woldu, S., Population-based analysis of cost and peri-operative outcomes between open and robotic primary retroperitoneal lymph node dissection for germ cell tumors. World Journal of Urology. 2021;39;1977-1984	13
2773	J. K. Ahn, J.Lee, H.Hwang, M.Kwon, D. S., A highly intuitive and ergonomic redundant joint master device for four-degrees of freedom flexible endoscopic surgery robot. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2021;17;44575	2
2774	T. N. Ojima, M.Hayata, K.Yamaue, H., Robotic Double Tract Reconstruction After Proximal Gastrectomy for Gastric Cancer. Annals of Surgical Oncology. 2021;28;1445-1446	3
2775	S. P. Hota, S.Smith, S.Tampo, M. M.Amdur, R.Obias, V., Robotic and laparoscopic surgical techniques in patients with Crohn's disease. Surgical Endoscopy. 2021;35;4602-4608	12
2776	J. J. B. Hue, K. C.Worrell, S. G.Gray, K. E.Linden, P. A.Towe, C. W., Outcomes of robotic esophagectomies for esophageal cancer by hospital volume: an analysis of the national cancer database. Surgical Endoscopy. 2021;35;3802-3810	3
2777	D. G. Kundrat, R.Schoob, A.Friedrich, D. T.Scheithauer, M. O.Hoffmann, T. K.Ortmaier, T.Kahrs, L. A.Schuler, P. J., Preclinical Performance Evaluation of a Robotic Endoscope for Non-Contact Laser Surgery. Annals of Biomedical Engineering. 2021;49;585-600	2

2778	M. T. Hikage, M.Furukawa, K.Fujiya, K.Kamiya, S.Tanizawa, Y.Bando, E.Terashima, M., Long-term outcomes of robotic gastrectomy for clinical stage I gastric cancer: a single-center prospective phase II study. Surgical Endoscopy. 2021;35;4160-4166	3
2779	V. L. P. Wang, H.Gupta, A.Chen, X.Husain, S.Meara, M., Expectations versus reality: trainee participation on the robotic console in academic surgery. Surgical Endoscopy. 2021;35;4805-4810	5
2780	L. Y.-L. Zheng-Yan, Z.Feng, Q.Yan, S.Pei-Wu, Y., Morbidity and short-term surgical outcomes of robotic versus laparoscopic distal gastrectomy for gastric cancer: a large cohort study. Surgical Endoscopy. 2021;35;3572-3583	12
2781	A. M. Camerlo, C.Vanbrugghe, C.Chiche, L.Gaudon, C.Rinaldi, Y.Fara, R., Robotic hepatic parenchymal transection: a two-surgeon technique using ultrasonic dissection and irrigated bipolar coagulation. Journal of Robotic Surgery. 2021;15;539-546	3
2782	M. C. A. Maas, E. T.Houghton, C. C.Samakar, K.Sandhu, K. K.Dobrowolsky, A.Lipham, J. C.Katkhouda, N.Bildzukewicz, N. A., Safety and efficacy of robotic-assisted groin hernia repair. Journal of Robotic Surgery. 2021;15;547-552	3
2783	I. A. Gomcel, O., Clinical and oncological outcomes of the low ligation of the inferior mesenteric artery with robotic surgery in patients with rectal cancer following neoadjuvant chemoradiotherapy. Turkish Journal of Medical Sciences. 2021;51;111-123	3
2784	C. U. Leitsmann, A.Popeneciu, I. V.Boos, M.Ahyai, S. A.Schmid, M.Wachter, R.Trojan, L.Friedrich, M., The Silent Operation Theatre Optimisation System (SOTOS©) to reduce noise pollution during da Vinci robot-assisted laparoscopic radical prostatectomy. Journal of Robotic Surgery. 2021;15;519-527	3
2785	S. A. B. Aldousari, A. J.Yaiesh, S. M.Alyousef, R. J.Alenezi, A. N., Multiple perceptions of robotic-assisted surgery among surgeons and patients: a cross-sectional study. Journal of Robotic Surgery. 2021;15;529-538	5
2786	G. C. Pan, J.Kim, R. D.Rofaiel, G., Efficacy and utility of robotic single-access bilateral nephrectomy (r-SABN) in end-stage renal disease patients. Journal of Robotic Surgery. 2021;15;511-518	3
2787	M. A. G. Abd El Aziz, F.Behm, K. T.Shawki, S.D'Angelo, A. L.Mathis, K. L.Larson, D. W., Trends of complications and innovative techniques' utilization for colectomies in the United States. Updates in Surgery. 2021;73;101-110	12
2788	A. J. W. V. Beulens, L.Tilli, S.Brinkman, W. M.Umari, P.Puliatti, S.Koldewijn, E. L.Hendrikx, A. J. M.van Basten, J. P.van Merrienboer, J. J. G.Van der Poel, H. G.Bangma, C. H.Wagner, C., Structured robot-assisted surgery training curriculum for residents in Urology and impact on future surgical activity. Journal of Robotic Surgery. 2021;15;497-510	5
2789	Y. M. Guo, W.Tong, D.Liu, K.Yin, Y.Yang, C., Robot-assisted double screw fixation of minimally displaced scaphoid waist fracture nonunions or delayed unions without bone graft. Journal of Hand Surgery: European Volume. 2021;46;286-291	2
2790	Y. S. Nasseri, I.Shen, W.Zhu, R.Alizadeh, A.Lee, A.Cohen, J.Barnajian, M., Learning curve in robotic colorectal surgery. Journal of Robotic Surgery. 2021;15;489-495	4
2791	F. L. Presicce, C.Tuderti, G.Brassetti, A.Mastroianni, R.Bove, A.Misuraca, L.Anceschi, U.Ferriero, M.Gallucci, M.Simone, G., Late complications of robot-assisted radical cystectomy with totally intracorporeal urinary diversion. World Journal of Urology. 2021;39;1903-1909	3
2792	J. Cruff, Robotic Surgical Training at Home: A Low-Fidelity Simulation Method. Journal of Surgical Education. 2021;78;379-381	5

2793	Z. M. Y. Zhao, Z. Z.Pan, L. C.Jiang, N.Tan, X. L.Chen, X.Liu, R., Robotic anatomic isolated complete caudate lobectomy: Left-side approach and techniques. Asian Journal of Surgery. 2021;44;269-274	3
2794	B. S. G. Zapata-Impata, P.Mezouar, Y.Torres, F., Generation of Tactile Data From 3D Vision and Target Robotic Grasps. IEEE Transactions on Haptics. 2021;14;57-67	2
2795	A. P. Mariani, E.De Momi, E., Skill-Oriented and Performance-Driven Adaptive Curricula for Training in Robot-Assisted Surgery Using Simulators: A Feasibility Study. IEEE Transactions on Biomedical Engineering. 2021;68;685-694	5
2796	K. J. Alemzadeh, S. B.Davies, M.West, N., Development of a Chewing Robot With Built-in Humanoid Jaws to Simulate Mastication to Quantify Robotic Agents Release From Chewing Gums Compared to Human Participants. IEEE Transactions on Biomedical Engineering. 2021;68;492-504	2
2797	H. Y. F. Huang, I.Arami, A.Bouri, M.Burdet, E., Cable-Driven Robotic Interface for Lower Limb Neuromechanics Identification. IEEE Transactions on Biomedical Engineering. 2021;68;461-469	2
2798	S. L. B. Charreyron, Q.Danun, A. N.Mesot, A.Becker, M.Nelson, B. J., A Magnetically Navigated Microcannula for Subretinal Injections. IEEE Transactions on Biomedical Engineering. 2021;68;119-129	2
2799	J. S. Fang, A.Stocker, N.Pedrini, B.Sampaio, A.Hunt, K. J., Preliminary development and technical evaluation of a belt-actuated robotic rehabilitation platform. Technology & Health Care. 2021;29;595-607	2
2800	M. A. Gacci, W.Bassi, P.Bertoni, F.Bracarda, S.Briganti, A.Carmignani, G.Carmignani, L.Conti, G.Corvo, R.De Nunzio, C.Fusco, F.Graziotti, P.Greco, I.Maggi, S.Magrini, S. M.Mirone, V.Montironi, R.Morgia, G.Muto, G.Noale, M.Pecoraro, S.Porreca, A.Ricardi, U.Russi, E.Russo, G.Salonia, A.Simonato, A.Serni, S.Tomasini, D.Tubaro, A.Zagonel, V.Crepaldi, G.Mirror-Siu Luna Study Groupthe Pros, I. T. C. N. R. Study Group, How radical prostatectomy procedures have changed over the last 10 years in Italy: a comparative analysis based on more than 1500 patients participating in the MIRROR-SIU/LUNA and the Pros-IT CNR study. World Journal of Urology. 2021;39;1445-1452	12
2801	V. W. El-Achi, J.Carter, J.Saidi, S., Robotic versus laparoscopic hysterectomy in morbidly obese women for endometrial cancer. Journal of Robotic Surgery. 2021;15;483-487	13
2802	S. R. Dananjayan, G. M., 5G in healthcare: how fast will be the transformation?. Irish Journal of Medical Science. 2021;190;497-501	2
2803	T. Y. Tatarian, J.Wang, J.Docimo, S.Talamini, M.Pryor, A. D.Spaniolas, K., Trends in the utilization and perioperative outcomes of primary robotic bariatric surgery from 2015 to 2018: a study of 46,764 patients from the MBSAQIP data registry. Surgical Endoscopy. 2021;35;3915-3922	12
2804	F. D. Zambianchi, V.Franceschi, G.Banchelli, F.Marcovigi, A.Catani, F., Robotic arm-assisted unicompartmental knee arthroplasty: high survivorship and good patient-related outcomes at a minimum five years of follow-up. Knee Surgery, Sports Traumatology, Arthroscopy. 2021;29;3316-3322	3
2805	E. D. H. Hokenstad, M. S.Lowndes, B. R.Morrow, M. M.Weaver, A. L.McGree, M.Glaser, G. E.Occhino, J. A., Ergonomic Robotic Console Configuration in Gynecologic Surgery: An Interventional Study. Journal of Minimally Invasive Gynecology. 2021;28;850-859	3
2806	M. M. S. Huang, Z. R.Biles, M. J.Alam, R.Gabrielson, A. T.Patel, H. D.Day, J.Pierorazio, P. M.Pavlovich, C. P., A Comparative Analysis of Surgical Scar Cosmesis Based on Operative Approach for Radical Prostatectomy. Journal of Endourology. 2021;35;138-143	5

2807	A. M. A. Bove, U.Ferriero, M.Mastroianni, R.Brassetti, A.Tuderti, G.Gallucci, M.Simone, G., Perioperative and 1-year patient-reported outcomes of Freyer versus Millin versus Madigan robot-assisted simple prostatectomy. World Journal of Urology. 2021;39;2005-2010	3
2808	O. Y. B.-A. Kudsi, N.Chang, K.Gokcal, F., Perioperative and midterm outcomes of emergent robotic repair of incarcerated ventral and incisional hernia. Journal of Robotic Surgery. 2021;15;473-481	3
2809	H. H. A. Aydinli, M.Hambrecht, A.Bernstein, M. A.Grucela, A. L., Robotic ileocolic resection with intracorporeal anastomosis for Crohn's disease. Journal of Robotic Surgery. 2021;15;465-472	12
2810	B. A. Forester, M.Donovan, K.Kuchta, K.Ujiki, M.Denham, W.Haggerty, S. P.Carbray, J.Linn, J., Short-term quality of life comparison of laparoscopic, open, and robotic incisional hernia repairs. Surgical Endoscopy. 2021;35;2781-2788	12
2811	R. R. Rajaram, D. C.Li, Y.Bruera, E.Liu, E.Song, C.Oh, D. S., Postoperative opioid use after lobectomy for primary lung cancer: A propensity-matched analysis of Premier hospital data. Journal of Thoracic & Cardiovascular Surgery. 2021;162;259-268.e4	4
2812	P. M. Zeuschner, I.Siemer, S.Stoeckle, M.Wagenpfeil, G.Wagenpfeil, S.Saar, M.Janssen, M., Three Different Learning Curves Have an Independent Impact on Perioperative Outcomes After Robotic Partial Nephrectomy: A Comparative Analysis. Annals of Surgical Oncology. 2021;28;1254-1261	3
2813	T. J. Damani, L.Fisher, J. C.Shah, P. C., Incidence of acute postoperative robotic port-site hernias: results from a high-volume multispecialty center. Journal of Robotic Surgery. 2021;15;457-463	3
2814	S. P. G. Puntambekar, A.Chandak, S.Chitale, M.Hivre, M.Chahal, H.Rajesh, K. N.Manerikar, K., Feasibility of robotic radical hysterectomy (RRH) with a new robotic system. Experience at Galaxy Care Laparoscopy Institute. Journal of Robotic Surgery. 2021;15;451-456	3
2815	N. V. Vurgun, T.Myszka, A.Richter, P.Rogula, T., Medical student experience with robot-assisted surgery after limited laparoscopy exposure. Journal of Robotic Surgery. 2021;15;443-450	1
2816	K. G. Willekens, A.Smits, J.Schoevaerdts, L.Blanckaert, J.Feyen, J. H. M.Reynaerts, D.Stalmans, P., Phase I trial on robot assisted retinal vein cannulation with ocriplasmin infusion for central retinal vein occlusion. Acta Opthalmologica. 2021;99;90-96	3
2817	J. B. Miller, M.Bilz, J.Matich, S.Neupert, C.Kunert, W.Kirschniak, A., Impact of haptic feedback on applied intracorporeal forces using a novel surgical robotic system-a randomized cross-over study with novices in an experimental setup. Surgical Endoscopy. 2021;35;3554-3563	2
2818	Y. J. Weng, Y.Fu, N.Jin, J.Shi, Y.Huo, Z.Deng, X.Peng, C.Shen, B., Oncological outcomes of robotic-assisted versus open pancreatoduodenectomy for pancreatic ductal adenocarcinoma: a propensity score-matched analysis. Surgical Endoscopy. 2021;35;3437-3448	12
2819	A. S. S. Zakaria, R. N.Hodhod, A.Couture, F.Tholomier, C.Shahine, H.Negrean, C.Nguyen, D. D.Zanaty, M.Stolzenbach, F.Karakiewicz, P. I.El-Hakim, A.Zorn, K. C., Detectable Prostate-specific antigen value between 0.01 and 0.1 ng/ml following robotic-assisted radical prostatectomy (RARP): does it correlate with future biochemical recurrence?. World Journal of Urology. 2021;39;1853-1860	3
2820	R. C. Bertolo, C.Garisto, J.Bove, P., Single-port versus multi-port: will "one for all" ever become a new standard for robot-assisted radical prostatectomy?. Journal of Robotic Surgery. 2021;15;143-145	3

2821	H. H. Kodama, S.Momota, M.Togashi, K.Hamaya, T.Hamano, I.Fujita, N.Kojima, Y.Okamoto, T.Yoneyama, T.Yamamoto, H.Yoshikawa, K.Yoneyama, T.Hashimoto, Y.Ohyama, C., Effect of frailty and comorbidity on surgical contraindication in patients with localized prostate cancer (FRART-PC Study). Urologic Oncology. 2021;39;191.e1-191.e8	2
2822	M. S. Deuker, L. F.Colla Ruvolo, C.Nocera, L.Mansour, M.Tian, Z.Roos, F. C.Becker, A.Kluth, L. A.Tilki, D.Shariat, S. F.Saad, F.Chun, F. K. H.Karakiewicz, P. I., Obesity is associated with adverse short-term perioperative outcomes in patients treated with open and robot-assisted radical cystectomy for bladder cancer. Urologic Oncology. 2021;39;75.e17-75.e25	13
2823	J. J. L. Oh, S.Ku, J. H.Kwon, T. G.Kim, T. H.Jeon, S. H.Lee, S. H.Nam, J. K.Kim, W. S.Jeong, B. C.Lee, J. Y.Hong, S. H.Rha, K. H.Han, W. K.Ham, W. S.Lee, Y. G.Lee, Y. S.Park, S. Y.Yoon, Y. E.Kang, S. G.Kang, S. H.Korean Robot Assisted Radical Cystectomy Study, Group, Oncological outcome according to attainment of pentafecta after robot-assisted radical cystectomy in patients with bladder cancer included in the multicentre KORARC database. BJU International. 2021;127;182-189	3
2824	B. K. G. Bin Asaf, S.Kumar, A.Puri, H. V.Pulle, M. V.Bishnoi, S., Robotic diaphragmatic plication for eventration: A retrospective analysis of efficacy, safety, and feasibility. Asian Journal of Endoscopic Surgery. 2021;14;70-76	3
2825	S. K. Nazki, R. P.Bawa, M.Binu, V.Lal, S.Sood, A.Samujh, R., Robotic Excision of Choledochal Cyst with Hepaticoduodenostomy (HD): Report of HD Technique, Initial Experience, and Early Outcome. European Journal of Pediatric Surgery. 2021;31;286-291	3
2826	N. A. H. Aldhaam, A. A.Elsayed, A. S.Jing, Z.Osei, J.Kurbiel, Z.Babar, T.Khan, S.Nagra, A.Segal, B.Li, Q.Guru, K. A., Detailed Analysis of Urinary Tract Infections After Robot-Assisted Radical Cystectomy. Journal of Endourology. 2021;35;62-70	3
2827	M. J. W. J. Zwart, L. R.Balduzzi, A.Takagi, K.Vanlander, A.van den Boezem, P. B.Daams, F.Rosman, C.Lips, D. J.Moser, A. J.Hogg, M. E.Busch, O. R. C.Stommel, M. W. J.Besselink, M. G.Dutch Pancreatic Cancer, Group, Added value of 3D-vision during robotic pancreatoduodenectomy anastomoses in biotissue (LAEBOT 3D2D): a randomized controlled cross-over trial. Surgical Endoscopy. 2021;35;2928-2935	7
2828	S. S. Ghavimi, O.Pouliot, F.Rendon, R. A.Finelli, A.Kapoor, A.Moore, R. B.Breau, R. H.Lavallee, L.Lacombe, L.Fairey, A.Jewett, M.Liu, Z.Tanguay, S.Black, P. C., Achieving the "trifecta" with open versus minimally invasive partial nephrectomy. World Journal of Urology. 2021;39;1569-1575	13
2829	M. M. S. Huang, Z. T.Becker, R. E. N.Pavlovich, C. P.Partin, A. W.Allaf, M. E.Patel, H. D., Complications after open and robot-assisted radical prostatectomy and association with postoperative opioid use: an analysis of data from the PREVENTER trial. BJU International. 2021;127;190-197	12
2830	A. J. W. H. Beulens, Y. A. F.Brinkman, W. M.Umari, P.Puliatti, S.Koldewijn, E. L.Hendrikx, A. J. M.van Basten, J. P.van Merrienboer, J. J. G.Van der Poel, H. G.Bangma, C. H.Wagner, C., Training novice robot surgeons: Proctoring provides same results as simulator-generated guidance. Journal of Robotic Surgery. 2021;15;397-428	1
2831	J. A. J. Brown, J. P.Zenati, M. S.Simmons, R. L.Al Abbas, A. I.Hogg, M. E.Zeh, H. J.Zureikat, A. H., Video review reveals technical factors predictive of biliary stricture and cholangitis after robotic pancreaticoduodenectomy. HPB. 2021;23;144-153	5
2832	C. A. U. Fleming, M. F.Chang, K. H.McNamara, E.Condon, E.Waldron, D.Coffey, J. C.Peirce, C. B., Propensity score-matched analysis comparing laparoscopic to robotic surgery for colorectal cancer shows comparable clinical and oncological outcomes. Journal of Robotic Surgery. 2021;15;389-396	12

2833	I. G. Aprile, M.Cruciani, A.Pecchioli, C.Loreti, S.Papadopoulou, D.Montesano, A.Galeri, S.Diverio, M.Falsini, C.Speranza, G.Langone, E.Carrozza, M. C.Cecchi, F., Poststroke shoulder pain in subacute patients and its correlation with upper limb recovery after robotic or conventional treatment: A secondary analysis of a multicenter randomized controlled trial. International Journal of Stroke. 2021;16;396-405	2
2834	S. K. Liu, S. R.Behm, K. T., Single-port robotic transanal minimally invasive surgery (SPR-TAMIS) approach to local excision of rectal tumors. Techniques in Coloproctology. 2021;25;229-234	5
2835	L. C. Luzzi, R.Ghisalberti, M.Meniconi, F.De Leonibus, L.Molinaro, F.Paladini, P., Robotic surgery vs. open surgery for thymectomy, a retrospective case-match study. Journal of Robotic Surgery. 2021;15;375-379	13
2836	I. H. Baeten, J. P.Schreuder, H.Jurgenliemk-Schulz, I. M.Verheijen, R.Zweemer, R. P.Gerestein, C. G., The influence of learning curve of robot-assisted laparoscopy on oncological outcomes in early-stage cervical cancer: an observational cohort study. BJOG: An International Journal of Obstetrics & Gynaecology. 2021;128;563-571	3
2837	F. W. Liu, Z. R.Hu, H. J.Jin, Y. W.Ma, W. J.Wang, J. K.Li, F. Y., Current status and future perspectives of minimally invasive surgery in gallbladder carcinoma. ANZ Journal of Surgery. 2021;91;264-268	5
2838	M. B. Covas Moschovas, S.Onol, F.Rogers, T.Patel, V., Early outcomes of single-port robot-assisted radical prostatectomy: lessons learned from the learning-curve experience. BJU International. 2021;127;114-121	3
2839	H. S. B. Parhar, R. M.Shimunov, D.Rajasekaran, K.Rassekh, C. H.Basu, D.O'Malley, B. W., Jr.Chalian, A. A.Newman, J. G.Loevner, L.Lazor, J. W.Weinstein, G. S.Cannady, S. B., Retropharyngeal Internal Carotid Artery Management in TORS Using Microvascular Reconstruction. Laryngoscope. 2021;131;E821-E827	3
2840	C. G. Lim, C.Salloum, C.Tudisco, A.Napoli, N.Boggi, U.Azoulay, D.Scatton, O., Outcomes after 3D laparoscopic and robotic liver resection for hepatocellular carcinoma: a multicenter comparative study. Surgical Endoscopy. 2021;35;3258-3266	12
2841	H. W. Ueno, Y.Hirayama, S.Hattori, A.Imashimizu, K.Takamochi, K.Oh, S.Suzuki, K., Intraoperative complications and troubles in robot-assisted anatomical pulmonary resection. General Thoracic & Cardiovascular Surgery. 2021;69;51-58	3
2842	S. P. R. Somashekhar, G. R. K.Deshpande, A. Y.Ashwin, K. R.Kumar, R., A prospective study of real-time identification of line of transection in robotic colorectal cancer surgery by ICG. Journal of Robotic Surgery. 2021;15;369-374	3
2843	W. M. Ma, Y.Dai, J.Alimu, P.Zhuo, R.He, W.Zhao, J.Xu, D.Sun, F., Propensity Score Matched Analysis Comparing Robotic-Assisted with Laparoscopic Posterior Retroperitoneal Adrenalectomy. Journal of Investigative Surgery. 2021;34;1248-1253	13
2844	T. Y. Otoshi, T.Hirayama, Y.Uchida, J., Pilot experience of simultaneous robotic-assisted partial nephrectomy for bilateral renal tumors-single center analysis. Asian Journal of Endoscopic Surgery. 2021;14;57-62	3
2845	S. K. Berelavichus, A.Kaldarov, A.Panteleev, V.Raevskaya, M., Robotic surgery in treatment of retroperitoneal tumors. Comparative single center study. Journal of Robotic Surgery. 2021;15;363-367	13
2846	B. L. Rocco, L. G.Collins, J.Sanchez-Salas, R.Adding, C.Mattevi, D.Hosseini, A.Wiklund, P., Posterior reconstruction during robotic-assisted radical cystectomy with intracorporeal orthotopic ileal neobladder: description and outcomes of a simple step. Journal of Robotic Surgery. 2021;15;355-361	3

2847	L. K. Lenfant, S.Aminsharifi, A.Sawczyn, G.Kaouk, J., Floating docking technique: a simple modification to improve the working space of the instruments during single-port robotic surgery. World Journal of Urology. 2021;39;1299-1305	3
2848	S. A. H. Parascandola, S.Sparks, A. D.Boulos, S.Cavallo, K.Kim, G.Obias, V., Trends in utilization, conversion rates, and outcomes for minimally invasive approaches to non-metastatic rectal cancer: a national cancer database analysis. Surgical Endoscopy. 2021;35;3154-3165	12
2849	R. L. Bonavita, M. O., Common Signal Transduction Molecules Activated by Bacterial Entry into a Host Cell and by Reactive Oxygen Species. Antioxidants & Redox Signaling. 2021;34;486-503	2
2850	V. L. N. Chow, J. C.Chan, J. Y.Gao, W.Wong, T. S., Robot-assisted real-time sentinel lymph node mapping in oral cavity cancer: preliminary experience. Journal of Robotic Surgery. 2021;15;349-353	2
2851	S. L. D. Carbajal-Mamani, B.Schweer, D.Balavage, K. T.Chuang, L.Wang, Y.Wang, S.Lee, J. H.Amaro, B.Cardenas-Goicoechea, J., Incidence of venous thromboembolism after robotic-assisted hysterectomy in obese patients with endometrial cancer: do we need extended prophylaxis?. Journal of Robotic Surgery. 2021;15;343-348	3
2852	K. J. O. Wikiel, D. M.Carmichael, H.Chapman, B. C.Moore, J. T.Barnett, C. C.Jones, T. S.Robinson, T. N.Jones, E. L., Stray energy transfer in single-incision robotic surgery. Surgical Endoscopy. 2021;35;2981-2985	7
2853	J. S. B. Mayo, M. L.Bogenberger, K. J.Tavares, K. B.Conrad, R. J.Lustik, M. B.Gillern, S. M.Park, C. W.Richards, C. R., Ureteral injuries in colorectal surgery and the impact of laparoscopic and robotic-assisted approaches. Surgical Endoscopy. 2021;35;2805-2816	12
2854	M. L. C. Wilhelm, M. K. H.Abel, B.Cremers, F.Siebert, F. A.Wurster, S.Krug, D.Wolff, R.Dunst, J.Hildebrandt, G.Schweikard, A.Rades, D.Ernst, F.Blanck, O., Tumor-dose-rate variations during robotic radiosurgery of oligo and multiple brain metastases. Strahlentherapie und Onkologie. 2021;197;581-591	2
2855	R. D. V. Madder, S.Parker, J.Sconzert, K.Li, Y.Kottenstette, N.Madsen, A.Sungur, J. M.Bergman, P., Robotic telestenting performance in transcontinental and regional pre-clinical models. Catheterization & Cardiovascular Interventions. 2021;97;E327-E332	2
2856	A. M. G. Fagenson, E. M.Pitt, H. A.Lau, K. N., Minimally Invasive Hepatectomy in North America: Laparoscopic Versus Robotic. Journal of Gastrointestinal Surgery. 2021;25;85-93	12
2857	D. L. Milliken, H.Brown, M.Cahill, D.Newhall, D.Barker, D.Ayyash, R.Kasivisvanathan, R., Anaesthetic management for robotic-assisted laparoscopic prostatectomy: the first UK national survey of current practice. Journal of Robotic Surgery. 2021;15;335-341	3
2858	A. D. C. Supron, J. G.Biles, M. J.Schwen, Z.Allaf, M.Pierorazio, P. M., Primary robotic retroperitoneal lymph node dissection following orchiectomy for testicular germ cell tumors: a single-surgeon experience. Journal of Robotic Surgery. 2021;15;309-313	5
2859	C. E. R. Foley, E.Huang, J. Q., Less is more: clinical impact of decreasing pneumoperitoneum pressures during robotic surgery. Journal of Robotic Surgery. 2021;15;299-307	3
2860	I. J. Al-Emadi, M.Mouttalib, S.Galinier, P.Bouali, O.Abbo, O., Laparoscopic Vascular Hitch for Polar Vessels in Pyeloureteric Junction Obstruction: Medium-Term Follow-up of a Monocentric Experience. European Journal of Pediatric Surgery. 2021;31;282-285	13

2861	G. H. Chung, P.Coplan, P.Yoo, A., Trends in the diffusion of robotic surgery in prostate, uterus, and colorectal procedures: a retrospective population-based study. Journal of Robotic Surgery. 2021;15;275-291	3
2862	D. S. Shukla, A.Mehrazin, R.Palese, M., Single-port robotic-assisted partial nephrectomy: initial clinical experience and lessons learned for successful outcomes. Journal of Robotic Surgery. 2021;15;293-298	3
2863	S. R. Beck, H.Hoop, D.Mesner-Schmitt, A.Rademacher, C.Kahl, U.von Breunig, F.Haese, A.Graefen, M.Zollner, C.Fischer, M., Comparing the effect of positioning on cerebral autoregulation during radical prostatectomy: a prospective observational study. Journal of Clinical Monitoring & Computing. 2021;35;891-901	12
2864	C. S. Ladanyi, P.Blevins, M.Boyd, S.Gutmann, D.Holcombe, J.Mohling, S., Efficacy and Safety of a Surgeon-Performed Laparoscopic-Guided, 4-point Transversus Abdominis Plane Block: A retrospective review. Journal of Minimally Invasive Gynecology. 2021;28;124-130	3
2865	T. B. Prudhomme, J. B.Lesourd, M.Roumiguie, M.Decaestecker, K.Vignolini, G.Campi, R.Serni, S.Territo, A.Gausa, L.Tugcu, V.Sahin, S.Alcaraz, A.Musquera, M.Stockle, M.Janssen, M.Fornara, P.Mohammed, N.Del Bello, A.Kamar, N.Sallusto, F.Breda, A.Doumerc, N., Robotic-assisted kidney transplantation in obese recipients compared to non-obese recipients: the European experience. World Journal of Urology. 2021;39;1287-1298	3
2866	P. K. Tyan, J. S.Frangieh, M.North, A.Smith, S.Amdur, R.Kazma, J.Moawad, G. N., Safety and feasibility of the three-port robot-assisted hysterectomy across uterine weights. Journal of Robotic Surgery. 2021;15;259-264	3
2867	W. D. C. Gerull, D.Arefanian, S.Kushner, B. S.Awad, M. M., Favorable peri-operative outcomes observed in paraesophageal hernia repair with robotic approach. Surgical Endoscopy. 2021;35;3085-3089	13
2868	X. F. Xie, L.Li, K.Wang, C.Xiang, B., Learning curve of robot-assisted choledochal cyst excision in pediatrics: report of 60 cases. Surgical Endoscopy. 2021;35;2690-2697	3
2869	M. H. Hanaoka, H.Shiomi, A.Kagawa, H.Manabe, S.Yamaoka, Y.Kato, S.Kinugasa, Y., Minimally invasive surgery for colorectal cancer with persistent descending mesocolon: radiological findings and short-term outcomes. Surgical Endoscopy. 2021;35;2797-2804	5
2870	W. B. P. Lyman, M. J.Murphy, K.Siddiqui, I. A.Khan, A. S.Iannitti, D. A.Martinie, J. B.Baker, E. H.Vrochides, D., An objective approach to evaluate novice robotic surgeons using a combination of kinematics and stepwise cumulative sum (CUSUM) analyses. Surgical Endoscopy. 2021;35;2765-2772	5
2871	P. B. G. Olthof, L. J. X.Vijfvinkel, T. S.Roos, D.Dekker, J. W. T., Transition from laparoscopic to robotic rectal resection: outcomes and learning curve of the initial 100 cases. Surgical Endoscopy. 2021;35;2921-2927	12
2872	P. M. S. W. Gurung, B.Hassig, S.Wood, J.Ellis, E.Feng, C.Ghazi, A. E.Joseph, J. V., Oncological and functional outcomes in patients over 70 years of age treated with robotic radical prostatectomy: a propensity-matched analysis. World Journal of Urology. 2021;39;1131-1140	3
2873	R. K. L. Orosco, B.Matsuzaki, T.Funk, E. K.Divi, V.Holsinger, F. C.Hong, S.Richter, F.Das, N.Yip, M., Compensatory motion scaling for time-delayed robotic surgery. Surgical Endoscopy. 2021;35;2613-2618	3
2874	J. Y. Feng, Z.Li, M.Zhang, Z.Chen, X.Du, Z.Yang, K., Handheld robotic needle holder training: slower but better. Surgical Endoscopy. 2021;35;1667-1674	1
2875	Y. S. Yang, Robotic glove port technique for the endowristed rigid instruments in robotic single-site transabdominal and transvaginal surgery. Journal of Robotic Surgery. 2021;15;241-249	3

2876	H. S. Kishikawa, N.Suzuki, Y.Hamasaki, T.Kondo, Y.Sakamoto, A., Effect of Robot-assisted Surgery on Anesthetic and Perioperative Management for Minimally Invasive Radical Prostatectomy under Combined General and Epidural Anesthesia. Journal of Nippon Medical School = Nihon Ika Daigaku Zasshi. 2021;88;121-127	12
2877	M. K. El Chaar, K.Pastrana, M.Galvez, A.Stoltzfus, J., Outcomes of robotic surgery in revisional bariatric cases: a propensity score-matched analysis of the MBSAQIP registry. Journal of Robotic Surgery. 2021;15;235-239	12
2878	R. I. E. Troisi, Y.Alnemary, Y.Zidan, A.Sturdevant, M.Alabbad, S.Algoufi, T.Shagrani, M.Broering, D. C., Safety and Feasibility Report of Robotic-assisted Left Lateral Sectionectomy for Pediatric Living Donor Liver Transplantation: A Comparative Analysis of Learning Curves and Mastery Achieved With the Laparoscopic Approach. Transplantation. 2021;105;1044-1051	12
2879	S. M. Kim, K. J.Lee, S.Hong, J. H.Song, J. Y.Lee, J. K.Lee, N. W., Learning curve could affect oncologic outcome of minimally invasive radical hysterectomy for cervical cancer. Asian Journal of Surgery. 2021;44;174-180	13
2880	Y. J. Weng, J.Huo, Z.Shi, Y.Jiang, Y.Deng, X.Peng, C.Shen, B., Robotic-assisted versus open distal pancreatectomy for benign and low-grade malignant pancreatic tumors: a propensity score-matched study. Surgical Endoscopy. 2021;35;2255-2264	12
2881	S. L. Vittoria, G.Torres, R.Daoudi, H.Mosnier, I.Mazalaigue, S.Ferrary, E.Nguyen, Y.Sterkers, O., Robot-based assistance in middle ear surgery and cochlear implantation: first clinical report. European Archives of Oto-Rhino-Laryngology. 2021;278;77-85	3
2882	E. C. R. Anania, S.Winter, S. R., Building a predictive model of U.S. patient willingness to undergo robotic surgery. Journal of Robotic Surgery. 2021;15;203-214	5
2883	A. P. Rajanbabu, V.Anandita, A.Burde, K.Appukuttan, A., An analysis of operating time over the years for robotic-assisted surgery in gynecology and gynecologic oncology. Journal of Robotic Surgery. 2021;15;215-219	3
2884	A. M. Giannini, E.Sergiampietri, C.Mannella, P.Perutelli, A.Cela, V.Stomati, M.Melfi, F.Simoncini, T., Comparison of perioperative outcomes and technical features using da Vinci Si and Xi robotic platforms for early stages of endometrial cancer. Journal of Robotic Surgery. 2021;15;195-201	3
2885	C. F. Alboni, A.Facchinetti, F.Ercoli, A., Robot-Assisted Nerve-sparing Resection of Bilateral Parametrial Deep Infiltrating Endometriosis. Journal of Minimally Invasive Gynecology. 2021;28;18-19	3
2886	I. T. Nassour, S.Hoehn, R.Adam, M. A.Zureikat, A. H.Alessandro, P., Safety and oncologic efficacy of robotic compared to open pancreaticoduodenectomy after neoadjuvant chemotherapy for pancreatic cancer. Surgical Endoscopy. 2021;35;2248-2254	12
2887	G. W. Klein, H.Elshabrawy, A.Nashawi, M.Gourley, E.Liss, M.Kaushik, D.Wu, S.Rodriguez, R.Mansour, A. M., Analyzing National Incidences and Predictors of Open Conversion During Minimally Invasive Partial Nephrectomy for cT1 Renal Masses. Journal of Endourology. 2021;35;30-38	2
2888	A. C. Hamad, J. M.Dillhoff, M.Manilchuk, A.Pawlik, T. M.Tsung, A.Ejaz, A., Comparison of lymph node evaluation and yield among patients undergoing open and minimally invasive surgery for gallbladder adenocarcinoma. Surgical Endoscopy. 2021;35;2223-2228	2
2889	C. U. Kaya, T.Baghaki, H. S.Oral, E., Relation between educational reliability and viewer interest in YouTube R videos depicting endometrioma cystectomy surgical techniques. Journal of Gynecology Obstetrics and Human Reproduction. 2021;50;101808	2

2890	E. D. H. Mazzone, F.Beato, S.Andras, I.Lambert, E.Vollemaere, J.Covas Moschovas, M.De Groote, R.De Naeyer, G.Schatteman, P.Mottrie, A.Dell'Oglio, P., Robot-assisted radical cystectomy with intracorporeal urinary diversion decreases postoperative complications only in highly comorbid patients: findings that rely on a standardized methodology recommended by the European Association of Urology Guidelines. World Journal of Urology. 2021;39;803-812	3
2891	J. R. S. Martin, D.Dorin, R. P.Goh, A. C.Satava, R. M.Levy, J. S., Demonstrating the effectiveness of the fundamentals of robotic surgery (FRS) curriculum on the RobotiX Mentor Virtual Reality Simulation Platform. Journal of Robotic Surgery. 2021;15;187-193	2
2892	J. H. Morton, R. H.Tilney, H. S.Gudgeon, A. M.Jah, A.Stevens, L.Marecik, S.Slack, M., Preclinical evaluation of the versius surgical system, a new robot-assisted surgical device for use in minimal access general and colorectal procedures. Surgical Endoscopy. 2021;35;2169-2177	7
2893	G. B. Mergenthaler, C.Lording, T.Servien, E.Lustig, S., Is robotic-assisted unicompartmental knee arthroplasty a safe procedure? A case control study. Knee Surgery, Sports Traumatology, Arthroscopy. 2021;29;931-938	12
2894	R. R. Haverland, A. M.Hammond, J.Yi, J., A Case Series of Robot-assisted Rectus Abdominis Flap Harvest for Pelvic Reconstruction: A Single Institution Experience. Journal of Minimally Invasive Gynecology. 2021;28;245-248	3
2895	M. J. Brunes, U.Habel, H.Soderberg, M. W.Ek, M., Effects of Obesity on Peri- and Postoperative Outcomes in Patients Undergoing Robotic versus Conventional Hysterectomy. Journal of Minimally Invasive Gynecology. 2021;28;228-236	13
2896	T. A. Petropoulou, S., Robotic rectal cancer surgery with single side-docking technique: experience of a tertiary care university hospital. Journal of Robotic Surgery. 2021;15;135-142	5
2897	D. M. C. Overbey, H.Wikiel, K. J.Hirth, D. A.Chapman, B. C.Moore, J. T.Barnett, C. C.Jones, T. S.Robinson, T. N.Jones, E. L., Monopolar stray energy in robotic surgery. Surgical Endoscopy. 2021;35;2084-2090	5
2898	S. Y. Aldousari, S.Alkandari, O.Hussein, S., Pathological features of prostate cancer in men treated with robot-assisted radical prostatectomy in the Middle East. Journal of Robotic Surgery. 2021;15;125-133	3
2899	E. M. R. Huffman, S. A.Levy, J. S.Martino, M. A.Stefanidis, D., Are current credentialing requirements for robotic surgery adequate to ensure surgeon proficiency?. Surgical Endoscopy. 2021;35;2104-2109	5
2900	G. C. Ceccarelli, G.Ferraro, V.De Rosa, M.Rondelli, F.Bugiantella, W., Robotic or three-dimensional (3D) laparoscopy for right colectomy with complete mesocolic excision (CME) and intracorporeal anastomosis? A propensity score-matching study comparison. Surgical Endoscopy. 2021;35;2039-2048	12
2901	O. Y. C. Kudsi, K.Bou-Ayash, N.Gokcal, F., A comparison of robotic mesh repair techniques for primary uncomplicated midline ventral hernias and analysis of risk factors associated with postoperative complications. Hernia. 2021;25;51-59	3
2902	F. M. Chessa, A.Collins, J.Laurin, O.Aly, M.Schiavina, R.Adding, C.Distefano, C.Akre, O.Bertaccini, A.Hosseini, A.Brunocilla, E.Wiklund, P., Oncologic outcomes of patients with incidental prostate cancer who underwent RARC: a comparison between nerve sparing and non-nerve sparing approach. Journal of Robotic Surgery. 2021;15;105-114	3
2903	S. Y. C. Choi, B. H.Kim, T. H.Lim, B.Lee, W.You, D.Kim, C. S., Does intraoperative frozen section really predict significant positive surgical margins after robot-assisted laparoscopic prostatectomy? A retrospective study. Asian Journal of Andrology. 2021;23;74-79	3

2904	N. N. W. Harke, C.Liakos, N.Urbanova, K.Addali, M.Hadaschik, B. A.Witt, J. H., Superior early and long-term continence following early micturition on day 2 after robot-assisted radical prostatectomy: a randomized prospective trial. World Journal of Urology. 2021;39;771-777	3
2905	T. Y. Takagi, K.Kondo, T.Kobayashi, H.Iizuka, J.Okumi, M.Ishida, H.Tanabe, K., Comparisons of surgical outcomes between transperitoneal and retroperitoneal approaches in robot-assisted laparoscopic partial nephrectomy for lateral renal tumors: a propensity score-matched comparative analysis. Journal of Robotic Surgery. 2021;15;99-104	3
2906	D. D. F. Bu, R.Robinson, E. M.Liu, S.Miles, B. A.Teng, M. S.Yao, M.Genden, E. M.Chai, R. L., Lymph Node Ratio in HPV-Associated Oropharyngeal Cancer: Identification of a Prognostic Threshold. Laryngoscope. 2021;131;E184-E189	3
2907	D. R. Dothan, G.Jaber, J.Kocherov, S.Chertin, B., Learning curve of robotic-assisted laparoscopic pyeloplasty (RALP) in children: how to reach a level of excellence?. Journal of Robotic Surgery. 2021;15;93-97	13
2908	S. M. Sforza, A.Tellini, R.Ji, C.Bergamini, C.Giordano, A.Lu, Q.Chen, W.Zhang, F.Ji, H.Di Maida, F.Prosperi, P.Masieri, L.Carini, M.Valeri, A.Guo, H., Perioperative outcomes of robotic and laparoscopic adrenalectomy: a large international multicenter experience. Surgical Endoscopy. 2021;35;1801-1807	13
2909	L. M. Afferi, M.Baumeister, P.Zamboni, S.Cornelius, J.Ineichen, G.Mattei, A.Mordasini, L., Trends in risk-group distribution and Pentafecta outcomes in patients treated with nerve-sparing, robot-assisted radical prostatectomy: a 10-year low-intermediate volume single-center experience. World Journal of Urology. 2021;39;389-397	3
2910	T. B. Rogers, K. R. S.Moschovas, M.Onol, F.Jenson, C.Roof, S.Gallo, N.Sandri, M.Gallo, B.Patel, V., Use of transversus abdominis plane block to decrease pain scores and narcotic use following robot-assisted laparoscopic prostatectomy. Journal of Robotic Surgery. 2021;15;81-86	3
2911	R. S. N. Hoehn, I.Adam, M. A.Winters, S.Paniccia, A.Zureikat, A. H., National Trends in Robotic Pancreas Surgery. Journal of Gastrointestinal Surgery. 2021;25;983-990	12
2912	E. C. Leijte, L.Arts, E.de Blaauw, I.Rosman, C.Botden, Smbi, Training benchmarks based on validated composite scores for the RobotiX robot-assisted surgery simulator on basic tasks. Journal of Robotic Surgery. 2021;15;69-79	2
2913	R. H. Patnam, K.Sripad, A.Barletta, K.Dieter, A.Geller, E. J., Effect of BMI on clinical outcomes following minimally invasive sacrocolpopexy. Journal of Robotic Surgery. 2021;15;63-68	3
2914	S. M. Huerta, J.Emuakhagbon, V. S.Favela, J.Argo, M.Polanco, P. M.Augustine, M. M.Pham, T., A comparative analysis of outcomes of open, laparoscopic, and robotic elective (procto-) colectomies for benign and malignant disease. Journal of Robotic Surgery. 2021;15;53-62	12
2915	D. B. Z. Xu, Z. M.Xu, Y.Liu, R., Hybrid pancreatoduodenectomy in laparoscopic and robotic surgery: a single-center experience in China. Surgical Endoscopy. 2021;35;1703-1712	12
2916	D. F. Pucheril, S. A.Chen, X.Friedlander, D. F.Cole, A. P.Krimphove, M. J.Fields, A. C.Melnitchouk, N.Kibel, A. S.Dasgupta, P.Trinh, Q. D., Workplace absenteeism amongst patients undergoing open vs. robotic radical prostatectomy, hysterectomy, and partial colectomy. Surgical Endoscopy. 2021;35;1644-1650	12
2917	E. B. Kakiashvili, M.Abu Shakra, I.Ganam, S.Bickel, A.Merei, F.Drobot, A.Bogouslavski, G.Kassis, W.Khatib, K.Badran, M.Kluger, Y.Almog, R., Robotic inguinal hernia repair: Is it a new era in the management of inguinal hernia?. Asian Journal of Surgery. 2021;44;93-98	12

2918	P. Y. Banapour, B.Chenam, A.Shen, J. K.Ruel, N.Han, E. S.Kim, J. Y.Maghami, E. G.Pigazzi, A.Raz, D. J.Singh, G. P.Wakabayashi, M.Woo, Y.Fong, Y.Lau, C. S., Readmission and complications after robotic surgery: experience of 10,000 operations at a comprehensive cancer center. Journal of Robotic Surgery. 2021;15;37-44	3
2919	B. H. Dauser, N.Vedadinejad, M.Kirchner, E.Trummer, F.Herbst, F., Robotic-assisted repair of complex ventral hernia: can it pay off?. Journal of Robotic Surgery. 2021;15;45-52	12
2920	H. S. K. Kim, H.Kwon, W.Han, Y.Byun, Y.Kang, J. S.Choi, Y. J.Jang, J. Y., Perioperative and oncologic outcome of robot-assisted minimally invasive (hybrid laparoscopic and robotic) pancreatoduodenectomy: based on pancreatic fistula risk score and cancer/staging matched comparison with open pancreatoduodenectomy. Surgical Endoscopy. 2021;35;1675-1681	2
2921	G. C. Panico, G.Vacca, L.Caramazza, D.Iannone, V.Rossitto, C.Rumolo, V.Scambia, G.Ercoli, A., Minimally invasive surgery in urogynecology: a comparison of standard laparoscopic, minilaparoscopic, percutaneous surgical system, and robotic sacral colpopexy. Minerva Medica. 2021;112;483-491	13
2922	A. P. Rajanbabu, V. J.Appukuttan, A., Reducing the cost of robotic hysterectomy: assessing the safety and efficacy of using prograsp forceps in lieu of needle holder for vaginal cuff closure. Journal of Robotic Surgery. 2021;15;31-35	3
2923	P. C. H. Muller, C.Steinemann, D. C.Muller-Stich, B. P.Hackert, T.Peterhans, M.Eigl, B., Image-guided minimally invasive endopancreatic surgery using a computer-assisted navigation system. Surgical Endoscopy. 2021;35;1610-1617	2
2924	M. K. LaPinska, K.Webb, L.Stewart, T. G.Olson, M., Robotic-assisted and laparoscopic hernia repair: real-world evidence from the Americas Hernia Society Quality Collaborative (AHSQC). Surgical Endoscopy. 2021;35;1331-1341	12
2925	S. L. Endicott, E., Continuous Hydrogen Sulfide Gas Monitoring using the PortaSens II Portable Gas Leak Detector Model C16 during Laparoscopic or Robotic Surgery Cannot Be Used Intraoperatively to Detect Bowel Injury. Journal of Minimally Invasive Gynecology. 2021;28;30-33	7
2926	R. L. T. Dotzauer, A.Thomas, A.Brandt, M. P.Bohm, K.Mager, R.Borgmann, H.Jager, W.Kurosch, M.Hofner, T.Ruckes, C.Haferkamp, A.Tsaur, I., Robot-assisted simple prostatectomy versus open simple prostatectomy: a single-center comparison. World Journal of Urology. 2021;39;149-156	13
2927	Y. K. Yamaoka, H.Shiomi, A.Yamakawa, Y.Hino, H.Manabe, S.Kinugasa, Y., Robotic-assisted surgery may be a useful approach to protect urinary function in the modern era of diverse surgical approaches for rectal cancer. Surgical Endoscopy. 2021;35;1317-1323	12
2928	H. J. S. Shin, S. Y.Wang, B.Roh, C. K.Hur, H.Han, S. U., Long-term Comparison of Robotic and Laparoscopic Gastrectomy for Gastric Cancer: A Propensity Score-weighted Analysis of 2084 Consecutive Patients. Annals of Surgery. 2021;274;128-137	12
2929	A. C. Esposito, L.De Pastena, M.Ramera, M.Montagnini, G.Landoni, L.Bassi, C.Salvia, R., Robotic spleen-preserving distal pancreatectomy: the Verona experience. Updates in Surgery. 2021;73;923-928	3
2930	L. K. Johannesson, E. C.Bayer, J.McKenna, G. J.Wall, A.Fernandez, H.Martinez, E. J.Gupta, A.Ruiz, R.Onaca, N.Testa, G., Dallas UtErus Transplant Study: Early Outcomes and Complications of Robot-assisted Hysterectomy for Living Uterus Donors. Transplantation. 2021;105;225-230	13

2931	V. S. Celentano, N.McGrath, J.Cahill, R. A.Spinelli, A.Challacombe, B.Belyansky, I.Hasegawa, H.Munikrishnan, V.Pellino, G.Ahmed, J.Muysoms, F.Saklani, A.Khan, J.Popowich, D.Ballecer, C.Coleman, M. G., How to report educational videos in robotic surgery: an international multidisciplinary consensus statement. Updates in Surgery. 2021;73;815-821	5
2932	M. G. Migliore, M. C.Marano, A.Pellegrino, L.Giraudo, G.Barili, F.Borghi, F., Robotic versus laparoscopic right colectomy within a systematic ERAS protocol: a propensity-weighted analysis. Updates in Surgery. 2021;73;1057-1064	12
2933	P. C. T. van der Sluis, E.Hadzijusufovic, E.Babic, B.Uzun, E.van Hillegersberg, R.Lang, H.Grimminger, P. P., Robot-Assisted Minimally Invasive Esophagectomy with Intrathoracic Anastomosis (Ivor Lewis): Promising Results in 100 Consecutive Patients (the European Experience). Journal of Gastrointestinal Surgery. 2021;25;44569	3
2934	J. M. Y. Lee, S. Y.Han, Y. D.Cho, M. S.Hur, H.Min, B. S.Lee, K. Y.Kim, N. K., Can better surgical outcomes be obtained in the learning process of robotic rectal cancer surgery? A propensity score-matched comparison between learning phases. Surgical Endoscopy. 2021;35;770-778	3
2935	C. R. T. Powell, I.Eckrich, B.Rothenberg, J.Hathaway, J., Securing Mesh with Delayed Absorbable Suture Does Not Increase Risk of Prolapse Recurrence After Robotic Sacral Colpopexy. Journal of Endourology. 2021;35;944-949	3
2936	T. S. G. Osumah, C. F.Butaney, M.Gearman, D. J.Ahmed, M.Gargollo, P. C., Robot-Assisted Laparoscopic Urachal Excision Using Hidden Incision Endoscopic Surgery Technique in Pediatric Patients. Journal of Endourology. 2021;35;937-943	13
2937	J. Y. K. You, H. Y.Park, D. W.Yang, H. W.Kim, H. K.Dionigi, G.Tufano, R. P., Transoral robotic thyroidectomy versus conventional open thyroidectomy: comparative analysis of surgical outcomes using propensity score matching. Surgical Endoscopy. 2021;35;124-129	12
2938	O. Y. G. Kudsi, F.Chang, K., Propensity score matching analysis of short-term outcomes in robotic ventral hernia repair for patients with a body mass index above and below 35 kg/m². Hernia. 2021;25;115-123	3
2939	B. K. Kayani, S.Huq, S. S.Ibrahim, M. S.Ayuob, A.Haddad, F. S., The learning curve of robotic-arm assisted acetabular cup positioning during total hip arthroplasty. Hip International. 2021;31;311-319	12
2940	M. E. P. Sharbaugh, P. B.Zaman, J. A.Ata, A.Feustel, P.Singh, K.Singh, T. P., Robotic ventral hernia repair: a safe and durable approach. Hernia. 2021;25;305-312	3
2941	O. Y. G. Kudsi, F., Lateral approach totally extraperitoneal (TEP) robotic retromuscular ventral hernia repair. Hernia. 2021;25;211-222	3
2942	S. V. D. H. Van Slycke, K.Magamadov, K.Brusselaers, N.Vermeersch, H., Robotic-assisted parathyroidectomy through lateral cervical approach: first results in Belgium. Acta Chirurgica Belgica. 2021;121;178-183	3
2943	A. F. E. Smith, C. J.Bhimani, S. J.Denehy, K. M.Bhimani, R. B.Smith, L. S.Malkani, A. L., Improved Patient Satisfaction following Robotic-Assisted Total Knee Arthroplasty. The Journal of Knee Surgery. 2021;34;730-738	12
2944	A. A. Casey, H.Grzes, M.Sakel, M., BCI controlled robotic arm as assistance to the rehabilitation of neurologically disabled patients. Disability & Rehabilitation Assistive Technology. 2021;16;525-537	3
2945	J. D. C. Sires, J. D.Wilson, C. J., Accuracy of Bone Resection in MAKO Total Knee Robotic-Assisted Surgery. The Journal of Knee Surgery. 2021;34;745-748	5

2946	J. D. B. Beane, J. D.Zureikat, A. H.Kilbane, E. M.Thompson, V. M.Pitt, H. A., Optimal Pancreatic Surgery: Are We Making Progress in North America?. Annals of Surgery. 2021;274;e355-e363	2
2947	M. D. Z. Girgis, M. S.King, J. C.Hamad, A.Zureikat, A. H.Zeh, H. J.Hogg, M. E., Oncologic Outcomes After Robotic Pancreatic Resections Are Not Inferior to Open Surgery. Annals of Surgery. 2021;274;e262-e268	12
2948	R. M. S. Vakharia, N.Cohen-Levy, W. B.Vakharia, A. M.Mont, M. A.Roche, M. W., Comparison of Patient Demographics and Utilization Trends of Robotic-Assisted and Non-Robotic-Assisted Unicompartmental Knee Arthroplasty. The Journal of Knee Surgery. 2021;34;621-627	12
2949	P. D. C. Giampaolino, L.Improda, F. P.Perna, L.Granata, M.Di Spiezio Sardo, A.Bifulco, G., Robotic Hysterectomy as a Step of Gender Affirmative Surgery in Female-to-Male Patients. Journal of Investigative Surgery. 2021;34;645-650	5
2950	J. M. Faulkner, L.Cook, K.Stoner, L.Ryan-Stewart, H.Paine, E.Hobbs, H.Lambrick, D., Effects of robotic-assisted gait training on the central vascular health of individuals with spinal cord injury: A pilot study. Journal of Spinal Cord Medicine. 2021;44;299-305	2
2951	R. G. Randell, J.Hindmarsh, J.Honey, S.Pearman, A.Alvarado, N.Dowding, D., How do team experience and relationships shape new divisions of labour in robot-assisted surgery? A realist investigation. Health: an Interdisciplinary Journal for the Social Study of Health, Illness & Medicine. 2021;25;250-268	1
2952	T. K. Cosgun, E.Ayalp, K.Toker, A., Successful Sleeve Resection as a Marker for Proficiency for Robotic Pulmonary Resection. Thoracic & Cardiovascular Surgeon. 2021;69;551-556	3
2953	M. S. K. Kim, W. J.Hyung, W. J.Kim, H. I.Han, S. U.Kim, Y. W.Ryu, K. W.Park, S., Comprehensive Learning Curve of Robotic Surgery: Discovery From a Multicenter Prospective Trial of Robotic Gastrectomy. Annals of Surgery. 2021;273;949-956	1
2954	M. A. C. Mont, C.Gregory, D.Coppolecchia, A.Sodhi, N.Jacofsky, D. J., Health Care Utilization and Payer Cost Analysis of Robotic Arm Assisted Total Knee Arthroplasty at 30, 60, and 90 Days. The Journal of Knee Surgery. 2021;34;328-337	12
2955	P. D. N. Dell'Oglio, G.Xiangjun, L.Hamilton, Z.Capitanio, U.Ripa, F.Cianflone, F.Muttin, F.Schatteman, P.D'Hondt, F.Ma, X.Bindayi, A.Zhang, X.Derweesh, I.Mottrie, A.Montorsi, F.Larcher, A.Erus Educational Working Groupthe, Y. A. U. working group on robot-assisted surgery, The Impact of Surgical Strategy in Robot-assisted Partial Nephrectomy: Is It Beneficial to Treat Anterior Tumours with Transperitoneal Access and Posterior Tumours with Retroperitoneal Access?. European Urology Oncology. 2021;4;112-116	3
2956	J. B. Daza, A. T.Kannappan, M.Chong, J.Abaza, R.Hemal, A.Sfakianos, J. P.Badani, K. K., Identifying tumor-related risk factors for simultaneous adrenalectomy in patients with cT1-cT2 kidney cancer during robotic assisted laparoscopic radical nephrectomy. Minerva Urology and Nephrology. 2021;73;72-77	3
2957	A. L. J. O. Lebrasseur, MScRouthier F Peng, PhDArchambault Ps Ot, PhDCampeau-Lecours A Peng, PhD P. M. P., Assistive robotic arm: Evaluation of the performance of intelligent algorithms. Assistive Technology. 2021;33;95-104	2
2958	S. v. d. V. Klompmaker, W. J.Thoolen, S. J.Ore, A. S.Verkoulen, K.Solis-Velasco, M.Canacari, E. G.Kruskal, J. B.Khwaja, K. O.Tseng, J. F.Callery, M. P.Kent, T. S.Moser, A. J., Procedure-specific Training for Robot-assisted Distal Pancreatectomy. Annals of Surgery. 2021;274;e18-e27	1
2959	O. Kuduban, The Reliability of Transoral Robotic Surgery in Revision Tonsillectomy. Journal of Craniofacial Surgery. 2021;32;e313-e314	3

2960	S. S. Blamek, M.Maciejewski, B., Clinical and volumetric predictors of local control after robotic stereotactic radiosurgery for cerebral metastases: active systemic disease may affect local control in the brain. Radiology & Oncology. 2020;55;82-87	3
2961	T. W. Stubig, H.Krettek, C.Ettinger, M., Computer-Assisted Orthopedic and Trauma Surgery. Deutsches Arzteblatt International. 2020;117;793-800	2
2962	B. M. Guo, Y.Yang, J.Wang, Z.Zhang, X., Lw-CNN-Based Myoelectric Signal Recognition and Real-Time Control of Robotic Arm for Upper-Limb Rehabilitation. Computational Intelligence & Neuroscience. 2020;2020;8846021	3
2963	J. L. Flynn, J. T.Warrier, S.Heriot, A., Whither robotic colorectal surgery?. ANZ Journal of Surgery. 2020;90;1230-1232	5
2964	P. P. Kocian, F.Vjaclovsky, M.Bockova, M.Prikryl, P.Vymazal, T.Whitley, A.Hoch, J., Enhanced recovery after surgery and mini-invasive approaches in rectal cancer surgery - short-term outcomes. Rozhledy V Chirurgii. 2020;99;539-547	2
2965	Y. F. G. Chang, D.Mei, N.Xu, W. D.Lu, X. J.Xiao, Y. T.Xu, C. L.Sun, Y. H.Ren, S. C., Initial experience on extraperitoneal single-port robotic-assisted radical prostatectomy. Chinese Medical Journal. 2020;134;231-233	5
2966	V. L. Santamaria, T.Khan, M.Agrawal, S., The robotic Trunk-Support-Trainer (TruST) to measure and increase postural workspace during sitting in people with spinal cord injury. Spinal Cord Series and Cases. 2020;6;1	2
2967	C. S. Wiesinger, D. S.Stockhammer, M.Mirtezani, E.Mitterschiffthaler, L.Wagner, H.Knotzer, J.Pauer, W., Cerebral oxygenation in 45-degree trendelenburg position for robot-assisted radical prostatectomy: a single-center, open, controlled pilot study. BMC Urology. 2020;20;198	2
2968	O. I. Stanciulea, M. I.Blanita, D.Lacatus, M.Gheorghe, C.Vasilescu, C., Minimal Access Surgery for the Treatment of Gastric Gastrointestinal Stromal Tumours - A Single Centre Experience. Chirurgia (Bucuresti). 2020;115;726-734	12
2969	W. J. K. Jung, K. S.Lim, S. C., Vision-Based Suture Tensile Force Estimation in Robotic Surgery. Sensors. 2020;21;26	3
2970	S. B. Xu, L. I. C.Andy, K. S.Pang, H. N., Robotic-Arm Assisted Direct Anterior Total Hip Arthroplasty; Improving Implant Accuracy. Surgical Technology International. 2020;38;347-352	12
2971	M. K. Balik, J.Husek, P.Brodak, M.Cecka, F., Safety and Efficacy of Using Tranexamic Acid at the Beginning of Robotic-Assisted Radical Prostatectomy in a Double-Blind Prospective Randomized Pilot Study. Acta Medica (Hradec Kralove). 2020;63;176-182	2
2972	M. P. Rahimli, A.Schellerer, V.Gumbs, A.Lorenz, E.Franz, M.Arend, J.Negrini, V. R.Croner, R. S., Robotic and laparoscopic liver surgery for colorectal liver metastases: an experience from a German Academic Center. World Journal of Surgical Oncology. 2020;18;333	12
2973	E. G. Gundogdu, C. E.Ozmen, M. M., Bilateral Inguinal Hernia Repair: Robotic TAPP Versus Laparoscopic TEP. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2020;31;439-443	12
2974	G. K. Hiremath, Robotic Deep Brain Stimulation (R-DBS)-"Awake" Deep Brain Stimulation Using the Neuromate Robot and O-Arm. Neurology India. 2020;68;S328-S332	3
2975	J. B. Kas, L.Farkas, A.Feher, C.Ghimessy, A.Gieszer, B.Karsko, L.Kecskes, L.Lungu, V.Meszaros, L.Molnar, M.Nemeth, P.Pataki, A.Radeczky, P.Szegedi, R.Tallosy, B.Torok, K.Vagvolgyi, A.Rozsa, C.Torok, K.Komoly, S.Elek, J.Fillinger, J.Agocs, L.Renyi-Vamos, F.Kocsis, A., Jobb oldali videoasszisztalt thoracoscopos thymectomia a thymoma nelkuli, felnottkori myasthenia gravis sebeszi kezeleseben. Magyar Sebeszet. 2020;73;125-139	2

2976	D. V. Andrade, E. E.Parra, J. F.Balkhy, H. H.Nunez, F., Robotic Cardiac Surgery in Colombia: Overcoming the Challenges of a Middle-income Setting. Brazilian Journal of Cardiovascular Surgery. 2020;35;990-993	5
2977	E. A. Crosetti, G.Manca, A.Fantini, M.Caracciolo, A.Sardanapoli, F.Succo, G., VITOM-3D assisted neck dissection via a retroauricular approach (RAND-3D): a preclinical investigation in a cadaver lab. Acta Otorhinolaryngologica Italica. 2020;40;343-351	7
2978	A. A. Aghayeva, E.Dinc, T.Mutlu, A. U.Sahin, I.Bilgin, I. A.Hamzaoglu, I.Baca, B., Learning curve analysis of robotic transabdominal preperitoneal inguinal hernia repair. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44566	3
2979	P. M. Porcelli, A.Bellato, E.Colombero, D.Ferrero, G.Agati, G.Calo, M.Ferraris, C.Pautasso, A.Castoldi, F., Comparing different approaches in robotic-assisted surgery for unicompartmental knee arthroplasty: outcomes at a short-term follow-up of MAKO versus NAVIO system. Journal of Biological Regulators & Homeostatic Agents. 2020;34;393-404. Congress of the Italian Orthopaedic Research Society	3
2980	P. D. U. Caldora, A.Banchetti, R.Arniani, S.Colcelli, D.Ciampalini, L.Guastafierro, P.Lup, D., Blood transfusion, hospital stay and learning curve in robotic assisted total hip arthroplasty. Journal of Biological Regulators & Homeostatic Agents. 2020;34;37-49. Congress of the Italian Orthopaedic Research Society	12
2981	R. L.-J. Luna, C.Perez-Hoyos, A. K.Cabrera, L. F.Pedraza, M.Pudilo, J. A.Padilla, L. T.Santafe, M.Aparicio, S., Reparacion de hernias paraesofagicas gigantes asistida por robot en un hospital de cuarto nivel en Bogota, Colombia, Clinica Shaio: serie de casos y revision de la literatura. Cirugia y Cirujanos. 2020;88;732-737	5
2982	S. R. L. Lee, E. S.Lee, Y. J.Lee, S. W.Park, J. Y.Kim, D. Y.Kim, S. H.Kim, Y. M.Suh, D. S.Kim, Y. T., Robot-Assisted Laparoscopic Myomectomy versus Abdominal Myomectomy for Large Myomas Sized over 10 cm or Weighing 250 g. Yonsei Medical Journal. 2020;61;1054-1059	3
2983	D. P. Mansour, B.Molena, D., Robotic equipment: what do we need for a robotic-assisted minimally invasive esophagectomy (RAMIE)?. Diseases of the Esophagus. 2020;33;26	5
2984	A. E. S. Abbas, I. S., Specific complications and limitations of robotic esophagectomy. Diseases of the Esophagus. 2020;33;26	5
2985	S. V. van der Horst, C.Polanco, I. A.van Hillegersberg, R.Ruurda, J. P.Park, B.Molena, D., Robot-assisted minimally invasive esophagectomy (RAMIE): tips and tricks from the bedside assistant view-expert experiences. Diseases of the Esophagus. 2020;33;26	5
2986	B. F. R. Kingma, M.van Hillegersberg, R.Chao, Y. K.Ruurda, J. P., A standardized approach for the thoracic dissection in robotic-assisted minimally invasive esophagectomy (RAMIE). Diseases of the Esophagus. 2020;33;26	3
2987	Y. K. Chao, Robotic McKeown esophagectomy with recurrent laryngeal nerve lymph node dissection: how I do it. Diseases of the Esophagus. 2020;33;26	5
2988	F. M. Berlth, C.Uzun, E.Tagkalos, E.Hadzijusufovic, E.Hillegersberg, R.Li, H.Egberts, J. H.Lang, H.Grimminger, P. P., Technical details of the abdominal part during full robotic-assisted minimally invasive esophagectomy. Diseases of the Esophagus. 2020;33;26	3
2989	C. A. L. Heid, V.Kernstine, K., How I do it: robotic-assisted Ivor Lewis esophagectomy. Diseases of the Esophagus. 2020;33;26	5
2990	B. F. H. Kingma, E.Van der Sluis, P. C.Bano, E.Lang, H.Ruurda, J. P.Hillegersberg van, R.Grimminger, P. P., A structured training pathway to implement robot-assisted minimally invasive esophagectomy: the learning curve results from a high-volume center. Diseases of the Esophagus. 2020;33;26	3

2991	C. W. S. Huang, W. C.Chang, T. K.Ma, C. J.Yin, T. C.Tsai, H. L.Chen, P. J.Chen, Y. C.Li, C. C.Hsieh, Y. C.Wang, J. Y., Impact of previous abdominal surgery on robotic-assisted rectal surgery in patients with locally advanced rectal adenocarcinoma: a propensity score matching study. World Journal of Surgical Oncology. 2020;18;308	3
2992	M. S. N. Hepinstall, B.Salem, H. S.Mont, M. A., Evolution of 3-Dimensional Functional Planning for Total Hip Arthroplasty with a Robotic Platform. Surgical Technology International. 2020;37;395-403	3
2993	R. C. C. Marchand, S.Marchand, K. B.Salem, H. S.Mont, M. A., Estimation of Femoral Version During Total Hip Arthroplasty: Surgeon Visual Assessment versus Robotic-Arm Assisted Technology. Surgical Technology International. 2020;37;390-394	12
2994	S. D. A-Cruz JASFaria, L. F.Pontes-Junior, J.Srougi, M.Nahas, W. C.Passerotti, C. C., Assessment of the lower urinary tract symptoms after robotic-assisted radical prostatectomy: the behavior of voiding, storage and post micturition symptoms. Revista do Colegio Brasileiro de Cirurgioes. 2020;47;e20202605	3
2995	D. H. Dai, H.Feng, Y.Wan, T.Liu, Z.Tong, C.Liu, J., Minimally invasive surgery vs laparotomy for early stage cervical cancer: A propensity score-matched cohort study. Cancer Medicine. 2020;9;9236-9245	3
2996	E. G. Koc, B.Gumuskaya, B.Atmaca, A. F.Canda, A. E.Balbay, M. D., Robot Assisted Radical Cystectomy Outcomes in Micropapillary and Plasmacytoid Variants. Urology Journal. 2020;17;607-613	4
2997	O. Y. G. Kudsi, F.Bou-Ayash, N.Crawford, A. S.Chung, S. K.Chang, K.Litwin, D., Learning Curve in Robotic Primary Ventral Hernia Repair Using Intraperitoneal Onlay Mesh: A Cumulative Sum Analysis. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2020;31;346-355	5
2998	J. W. C. Shim, Y. J.Kim, M.Hong, S. H.Moon, H. W.Hong, S. H.Chae, M. S., Comparison of analgesic efficacy between rectus sheath blockade, intrathecal morphine with bupivacaine, and intravenous patient-controlled analgesia in patients undergoing robot-assisted laparoscopic prostatectomy: a prospective, observational clinical study. BMC Anesthesiology. 2020;20;291	2
2999	Y. J. Zhang, F.Wei, X.Wang, D.Wang, Y., A Piezoelectric Tactile Sensor for Tissue Stiffness Detection with Arbitrary Contact Angle. Sensors. 2020;20;18	2
3000	J. J. W. Greiner, J. F.Mitchell, J.Hetzel, S. J.Lee, E. J.Illgen, R. L., Opioid Use in Robotic-Arm Assisted Total Knee Arthroplasty: A Comparison to Conventional Manual Total Knee Arthroplasty. Surgical Technology International. 2020;37;280-289	12
3001	J. B. H. Hammond, A. L.Haverland, R. A.Rebecca, A. M.Yi, J.Bryant, L. A.Polveroni, T. M.Mishra, N., Robotic Harvest of a Rectus Abdominis Muscle Flap After Abdominoperineal Resection. Diseases of the Colon & Rectum. 2020;63;1334-1337	7
3002	G. C. Zhang, H.Liu, Y.Niu, L.Jin, L.Li, D.Song, L.Shang, L.Lin, X.Wang, F.Li, F.Zhang, X.Zhang, X.Gao, Y.Qiu, D.Zhang, Y.Na, R.Su, R., Is lymph node dissection mandatory among early stage endometrial cancer patients? A retrospective study. BMC Women's Health. 2020;20;258	2
3003	M. A. B. Awad, J.Anderson, C.Dove, J. T.Soloski, A.Sharp, N. E.Protyniak, B.Shabahang, M. M., Robotic Inguinal Hernia Repair Outcomes: Operative Time and Cost Analysis. Journal of the Society of Laparoendoscopic Surgeons. 2020;24;Oct-Dec	4
3004	E. O. D'Annunzio, O.Goasguen, N.Lupinacci, R. M.Valverde, A., Laparoscopic robot-assisted right colectomy with intracorporeal hand-sewn anastomosis. Journal of visceral surgery. 2020;157;499-504	5

3005	X. W. Zhang, Z.Chen, J.Wang, P.Luo, S.Xu, X.Mai, W.Li, G.Wang, G.Wu, X.Ren, J., Incidence and risk factors of surgical site infection following colorectal surgery in China: a national cross-sectional study. BMC Infectious Diseases. 2020;20;837	2
3006	M. H. Hu, C.Guo, T.Tian, H.Zhan, W.Yang, J.Jing, W.Deng, Y.Li, X.Ma, S.Cai, H.Ma, Y., Application of da Vinci robot with the"3 + 2" mode in radical gastrectomy for gastric cancer. Medicine. 2020;99;e22988	3
3007	A. E. Frigeri, M., The ScanMars Subsurface Radar Sounding Experiment on AMADEE-18. Astrobiology. 2020;20;1338-1352	2
3008	C. J. G. Hadley, E. L.Mont, M. A.Salem, H. S.Catani, F.Marcovigi, A., Robotic-Assisted versus Manually Implanted Total Hip Arthroplasty: A Clinical and Radiographic Comparison. Surgical Technology International. 2020;37;371-376	12
3009	E. J. L. Di Gravio, P.Kim, H. A. J.Chinnery, T.Mundi, N.MacNeil, S. D.Mendez, A.Yoo, J.Fung, K.Mymryk, J. S.Barrett, J. W.Read, N.Venkatesan, V.Kuruvilla, S.Mendez, L. C.Winquist, E.Mitchell, S.Mattonen, S. A.Nichols, A. C.Palma, D. A., Modern treatment outcomes for early T-stage oropharyngeal cancer treated with intensity-modulated radiation therapy at a tertiary care institution. Radiation Oncology. 2020;15;261	2
3010	J. M. L. Lee, S. K.Rhim, C. C.Seo, K. H.Han, M.Kim, S. Y.Park, E. Y., Comparison of volume-controlled, pressure-controlled, and pressure-controlled volume-guaranteed ventilation during robot-assisted laparoscopic gynecologic surgery in the Trendelenburg position. International Journal of Medical Sciences. 2020;17;2728-2734	3
3011	Y. T. Z. Xiao, X.Chang, Y.Lu, X.Wang, Y.Zhang, H.Ren, S., Assessing the safety and feasibility of neoadjuvant hormone and radiation therapy followed by robot-assisted radical prostatectomy for treating locally advanced prostate cancer: protocol for an open-label, dose-escalation, single-centre, phase I clinical trial. BMJ Open. 2020;10;e038678	5
3012	H. C. H. Ou, L. H.Chang, K. H.Ou, Y. C.Tung, M. C.Weng, W. C.Hsu, C. Y.Lin, Y. S.Lu, C. H.Tsao, T. Y., Robotic Incisional Hernia Repair After Robotic-assisted Radical Prostatectomy (RARP): A 3-port Approach. In Vivo. 2020;34;3407-3412	5
3013	A. M. Sofer, R.Eitan, R.Raban, O.Tal, O.Smorgic, N.Vaknin, Z., Robotic vs. open surgery in obese women with low-grade endometrial cancer: comparison of costs and quality of life measures. Israel Journal of Health Policy Research. 2020;9;60	13
3014	E. R.-O. Rizzo-Riera, C.Garcia-Wagner, M.Costa, A. A.Miralles, J.Enchev, E.Rama-Lopez, J., Advanced Robotic Surgery of the Parapharyngeal Space: Transoral Robotic Styloidectomy in Eagle Syndrome. Journal of Craniofacial Surgery. 2020;31;2339-2341	3
3015	J. H. Wu, W.Chen, S.Niu, J.Lin, Y.Luan, N.Zhang, S.Shen, S. G. F., Error Analysis of Robot-Assisted Orthognathic Surgery. Journal of Craniofacial Surgery. 2020;31;2324-2328	5
3016	M. S. J. Banger, W. D.Razii, N.Doonan, J.Rowe, P. J.Jones, B. G.MacLean, A. D.Blyth, M. J. G., Robotic arm-assisted bi-unicompartmental knee arthroplasty maintains natural knee joint anatomy compared with total knee arthroplasty: a prospective randomized controlled trial. Bone & Joint Journal. 2020;102-B;1511-1518	12
3017	H. S. S. Parhar, D.Newman, J. G.Cannady, S. B.Rajasekaran, K.O' Malley BW, Jr.Chalian, A. A.Rassekh, C. H.Cohen, R. B.Lin, A.Lukens, J.Swisher-McClure, S.Bauml, J.Aggarwal, C.Weinstein, G. S.Brody, R. M., Oncologic Outcomes Following Transoral Robotic Surgery for Human Papillomavirus-Associated Oropharyngeal Carcinoma in Older Patients. JAMA Otolaryngology-- Head & Neck Surgery. 2020;146;1167-1175	3

3018	R. L. C. B. Araujo, D. S.Zilberstein, B.Sallum, R. A.Aguiar-Jr, S.Cavazzola, L. T.Nacul, M.Melani, A. G. F.Tomasich, F. D. S., Overview and perspectives about the robotic surgical certification process in Brazil: the new statement and a national web-survey. Revista do Colegio Brasileiro de Cirurgioes. 2020;47;e20202714	1
3019	Z. Z. Kala, M.Can, V.Hemmelova, B.Ostrizkova, L.Bohata, S.Slaby, O.Svoboda, M.Slampa, P., New trends in neoadjuvant therapy of locally advanced rectal cancer from a surgeons perspective - a commentary. Klinicka Onkologie. 2020;33;362-371	2
3020	N. M. Kadakia, K.Lee, S. K.Lee, E. J.Burruss, S.Srikureja, D.Mukherjee, K.Lum, S. S., Impact of Robotic Surgery on Residency Training for Herniorrhaphy and Cholecystectomy. American Surgeon. 2020;86;1318-1323	3
3021	K. H. Hikita, M.Teraoka, S.Nishikawa, R.Kimura, Y.Tsounapi, P.Iwamoto, H.Morizane, S.Takenaka, A., Intravesical prostatic protrusion may affect early postoperative continence undergoing robot-assisted radical prostatectomy. BMC Urology. 2020;20;164	3
3022	M. A. Kruger, J.Osmonov, D.Gunther, V.Bauerschlag, D.Hensler, J.Egberts, J. H.Lippross, S.Gitas, G.Becker, T.Maass, N.Junemann, K. P.Alkatout, I., Impact of Acoustic and Interactive Disruptive Factors during Robot-Assisted Surgery-A Virtual Surgical Training Model. Sensors. 2020;20;17	3
3023	T. Y. L. Shin, Y. S., Robot-assisted radical prostatectomy with clipless intrafascial neurovascular bundle-sparing approach: surgical technique and one-year functional and oncologic outcomes. Scientific Reports. 2020;10;17595	3
3024	N. Y. Fan, S.Du, P.Zhu, W.Li, L.Hai, Y.Ding, H.Wang, G.Zang, L., Design of a robot-assisted system for transforaminal percutaneous endoscopic lumbar surgeries: study protocol. Journal of Orthopaedic Surgery. 2020;15;479	4
3025	S. R. Cheung, R.Bicknell, C.Stoyanov, D.Chang, P. L.Li, M.Rolls, A.Desender, L.Van Herzeele, I.Hamady, M.Riga, C., Comparison of manual versus robot-assisted contralateral gate cannulation in patients undergoing endovascular aneurysm repair. International Journal of Computer Assisted Radiology & Surgery. 2020;15;2071-2078	12
3026	C. W. S. Huang, W. C.Yin, T. C.Chen, P. J.Chang, T. K.Chen, Y. C.Li, C. C.Hsieh, Y. C.Tsai, H. L.Wang, J. Y., Time interval between the completion of radiotherapy and robotic-assisted surgery among patients with stage I-III rectal cancer undergoing preoperative chemoradiotherapy. PLoS ONE [Electronic Resource]. 2020;15;e0240742	3
3027	Y. J. J. Kim, W. J.Bae, Y. J.Kim, H.Choi, B. S.Jung, Y. H.Baik, S. H.Sunwoo, L.Kim, J. H., MRI-Based Assessment of the Pharyngeal Constrictor Muscle as a Predictor of Surgical Margin after Transoral Robotic Surgery in HPV-Positive Tonsillar Cancer. Ajnr: American Journal of Neuroradiology. 2020;41;2320-2326	3
3028	K. M. N. Ebert, L.Alpert, S. A.Ching, C. B.Dajusta, D. G.Fuchs, M. E.McLeod, D. J.Jayanthi, V. R., Surgical outcomes are equivalent after pure laparoscopic and robotic-assisted pyeloplasty for ureteropelvic junction obstruction. Journal of pediatric urology. 2020;16;845.e1-845.e6	13
3029	A. L. G. M. Morrell, A.Morrell-Junior, A. C.Mendes, J. M. F.Morrell, A. G., Standardization and ten essential steps in the lateral robotic extended totally extraperitoneal (eTEP) repair of ventral hernias. Revista do Colegio Brasileiro de Cirurgioes. 2020;47;e20202622	3
3030	M. C. K. Kim, E. S.Park, J. O.Choi, E.Kim, C. S., Robotic Localization Based on Planar Cable Robot and Hall Sensor Array Applied to Magnetic Capsule Endoscope. Sensors. 2020;20;9	2
3031	S. C. Jeglinschi, M.Denimal, L.Guillonneau, B.Chevallier, D.Tibi, B.Durand, M.Ahallal, Y., Intracorporeal urinary diversion during robot-assisted radical cystectomy using indocyanine green. Canadian Journal of Urology. 2020;27;10394-10401	3

3032	A. A. Kasraeian, M.Alcantara, K. M.Altamirando, J. A.Kasraeian, A., Aquablation for BPH. Canadian Journal of Urology. 2020;27;10378-10381	2
3033	A. F. Stamm, B.Porter, C.Kozlowski, P.Donahue, R.Corman, J., Impact of catheter size on pain and continence following robotic prostatectomy. Canadian Journal of Urology. 2020;27;10363-10368	3
3034	S. B. Rapisarda, M.Crocetto, F.Barone, B.Arcaniolo, D.Polara, A.Imbimbo, C.Grosso, G., The role of multiparametric resonance and biopsy in prostate cancer detection: comparison with definitive histological report after laparoscopic/robotic radical prostatectomy. Abdominal Radiology. 2020;45;4178-4184	2
3035	M. K. Brannstrom, N.Dahm-Kahler, P., Novel approaches in uterus transplantation. Current Opinion in Organ Transplantation. 2020;25;584-593	2
3036	J. B. Fauser, S.Stenin, I.Kristin, J.Klenzner, T.Schipper, J.Mukhopadhyay, A., Retrospective in silico evaluation of optimized preoperative planning for temporal bone surgery. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1825-1833	2
3037	M. A. S. Edwards, S.Mazzei, M.Acevedo, E., Jr.Lu, X.Zhao, H., Outcomes in racial and ethnic minorities after revisional robotic-assisted metabolic and bariatric surgery: an analysis of the MBSAQIP database. Surgery for Obesity & Related Diseases. 2020;16;1929-1937	3
3038	G. E. H. Houvenaeghel, H.Schmitt, A.Cohen, M.Rua, S.Barrou, J.Lambaudie, E.Bannier, M., Robotic-assisted skin sparing mastectomy and immediate reconstruction using latissimus dorsi flap a new effective and safe technique: A comparative study. Surgical Oncology. 2020;35;406-411	12
3039	S. Q. Z. Fu, C. S.Yang, X. R.Xie, W. J.Gong, B. B.Liu, Y. F.Liu, J.Sun, T.Ma, M., Comparison of robot-assisted retroperitoneal laparoscopic adrenalectomy versus retroperitoneal laparoscopic adrenalectomy for large pheochromocytoma: a single-centre retrospective study. BMC Surgery. 2020;20;227	13
3040	A. K. H. Lefor, K.Dosis, A.Mitsuishi, M., Motion analysis of the JHU-ISI Gesture and Skill Assessment Working Set using Robotics Video and Motion Assessment Software. International Journal of Computer Assisted Radiology & Surgery. 2020;15;2017-2025	2
3041	G. J. Go, S. G.Yoo, A.Han, J.Kang, B.Kim, S.Nguyen, K. T.Jin, Z.Kim, C. S.Seo, Y. R.Kang, J. Y.Na, J. Y.Song, E. K.Jeong, Y.Seon, J. K.Park, J. O.Choi, E., Human adipose-derived mesenchymal stem cell-based medical microrobot system for knee cartilage regeneration in vivo. Began with. 2016;1;22	7
3042	M. T. P. Pawlik, C.Zeman, F.Harth, M.Burger, M.Denzinger, S.Blecha, S., Pronounced haemodynamic changes during and after robotic-assisted laparoscopic prostatectomy: a prospective observational study. BMJ Open. 2020;10;e038045	3
3043	T. L. P. Davies, R.Tan, T., Robotic Assessments of Proprioception and the Impact of Age. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020;2020;5171-5175	3
3044	H. V. Nguyen, B. C.Phan, T. Q.Lee, S. W., Subject-specific, Impairment-based Robotic Training of Functional Upper Limb Movements. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020;2020;4878-4881	2
3045	M. P. Sandison, K.Casas, R.Nguyen, L.Lum, M.Pergami-Peries, M.Lum, P. S., HandMATE: Wearable Robotic Hand Exoskeleton and Integrated Android App for At Home Stroke Rehabilitation. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020;2020;4867-4872	2
3046	Y. Z. Sun, D.Lueth, T. C., Bionic Design of a Disposable Compliant Surgical Forceps With Optimized Clamping Performance. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020;2020;4704-4707	2
3047	A. T. Marjaninejad, J.Valero-Cuevas, F., Autonomous Control of a Tendon-driven Robotic Limb with Elastic Elements Reveals that Added Elasticity can Enhance Learning. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020;2020;4680-4686	3

3048	M. N. Lotfian, S.Dadashi, F.Kharazi, M. R.Mirbagheri, M. M., Therapeutic effects of robotic rehabilitation on Neural and Muscular Abnormalities associated with the Spastic Ankle in Stroke Survivors. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020;2020;3860-3863	2
3049	S. C. D. S. Dobri, D.Scott, S. H.Davies, T. C., Differentiating Motor Coordination and Position Sense in Children with Cerebral Palsy and Typically Developing Populations Through Robotic Assessments[.]. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020;2020;3654-3657	2
3050	K. K. N. Karunakaran, D. M.Nolan, K. J., Alterations in Cortical Activity due to Robotic Gait Training in Traumatic Brain Injury[.]. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2020;2020;3224-3227	2
3051	A. U. P. Aslam, J.Jaffrey, S.Buchholz, N., A global snapshot of endourology residency training. Archivio Italiano di Urologia, Andrologia. 2020;92;2	2
3052	Y. B. Cherni, L.Lemaire, J.Dal Maso, F.Begon, M., Effect of low dose robotic-gait training on walking capacity in children and adolescents with cerebral palsy. Neurophysiologie Clinique. 2020;50;507-519	2
3053	E. S. Mahmud, F.Kalmar, P.Deutschmann, H.Hafner, F.Rief, P.Cain, C.Ang, L.Brodmann, M., Robotic Peripheral Vascular Intervention With Drug-Coated Balloons is Feasible and Reduces Operator Radiation Exposure: Results of the Robotic-Assisted Peripheral Intervention for Peripheral Artery Disease (RAPID) Study II. Journal of Invasive Cardiology. 2020;32;380-384	3
3054	K. D. Shi, A.Booth, J.Alnaghy, S.Kyme, A.Keall, P.Nguyen, D. T., Experimental evaluation of the dosimetric impact of intrafraction prostate rotation using film measurement with a 6DoF robotic arm. Medical Physics. 2020;47;6068-6076	2
3055	O. L. Peacock, T.Hu, C. Y.Bednarski, B. K.Tillman, M. M.Kaur, H.Taggart, M. W.Dasari, A.Holliday, E. B.You, Y. N.Chang, G. J., Robotic rectal cancer surgery: comparative study of the impact of obesity on early outcomes. British Journal of Surgery. 2020;107;1552-1557	3
3056	Z. Z. Liang, Q.Yang, J.Zhang, L.Liu, D.Tu, B.Zhang, S., Artificial intelligence-based framework in evaluating intrafraction motion for liver cancer robotic stereotactic body radiation therapy with fiducial tracking. Medical Physics. 2020;47;5482-5489	3
3057	W. J. S. Seo, T.Shin, H.Choi, S.Roh, C. K.Cho, M.Kim, H. I.Hyung, W. J., Reduced-port totally robotic distal subtotal gastrectomy for gastric cancer: 100 consecutive cases in comparison with conventional robotic and laparoscopic distal subtotal gastrectomy. Scientific Reports. 2020;10;16015	3
3058	P. S. Mozer, Accuracy and Deviation Analysis of Static and Robotic Guided Implant Surgery: A Case Study. International Journal of Oral & Maxillofacial Implants. 2020;35;e86-e90	5
3059	G. M. Williams, Robot-Assisted Total Pancreatectomy With Autologous Islet Cell Transplantation: Perioperative Nursing Considerations. AORN Journal. 2020;112;353-365	3
3060	C. H. P. Moran, M.Sarangmat, N.Gerard, C. S.Barua, N.Ashida, R.Whone, A.Szewczyk-Krolikowski, K.Mooney, L.Gill, S. S., Clinical Outcome of "Asleep" Deep Brain Stimulation for Parkinson Disease Using Robot-Assisted Delivery and Anatomic Targeting of the Subthalamic Nucleus: A Series of 152 Patients. Neurosurgery. 2020;88;165-173	3
3061	M. V. G. Marino, F.Podda, M.Gomez Ruiz, M.Gomez Fleitas, M.Pisanu, A.Latteri, M. A.Takaori, K., Robotic-assisted pancreaticoduodenectomy with vascular resection. Description of the surgical technique and analysis of early outcomes. Surgical Oncology. 2020;35;344-350	3

3062	M. K. I. Vasudevan, J. H. R.Sadanand, V.Muniyandi, M., Novel virtual reality based training system for fine motor skills: Towards developing a robotic surgery training system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44575	3
3063	J. I. v. d. S. Staubitz, P. C.Berlth, F.Watzka, F.Dette, F.Lasig, A.Lang, H.Musholt, T. J.Grimminger, P. P., Recurrent laryngeal nerve monitoring during totally robot-assisted Ivor Lewis esophagectomy. Langenbecks Archives of Surgery. 2020;405;1091-1099	3
3064	M. G. P. Urias, N.Ebrahimi, A.Iordachita, I.Gehlbach, P. L., Robotic Retinal Surgery Impacts on Scleral Forces: In Vivo Study. Translational Vision Science & Technology. 2020;9;2	7
3065	Y. L. Luo, Z.Jiang, S.Hu, L.Liu, W.Li, W., A novel fluoroscopy-based robot system for pedicle screw fixation surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44569	7
3066	M. D. R. Rahbar, L.Ying, H.Pandya, A., An entropy-based approach to detect and localize intraoperative bleeding during minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44570	2
3067	M. P. Musquera, L.Ajami, T.Revuelta, I.Izquierdo, L.Mercader, C.Sierra, A.Diekmann, F.D'Anna, M.Monsalve, C.Alcaraz, A., Results and Lessons Learned on Robotic Assisted Kidney Transplantation. BioMed Research International. 2020;2020;8687907	5
3068	H. B. Sarikaya, T.Iosivan, S. I.Kolokotronis, T.Forster, C.Eckert, S.Wilkens, L.Nasser, A.Rehberg, S.Kruger, M.Schulte Am Esch, J., Impact of ASA-score, age and learning curve on early outcome in the initiation phase of an oncological robotic colorectal program. Scientific Reports. 2020;10;15136	3
3069	R. d. P. S. Canada Trofo Surjan, S., Totally robotic caudate lobe liver resection: Bridge over troubled water. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44567	3
3070	N. N. R. Harke, J. P.Hadaschik, B. A.Bach, C.Berger, F. P.Blana, A.Borgmann, H.Distler, F. A.Edeling, S.Egner, T.Engels, C. L.Farzat, M.Haese, A.Hein, R.Kuczyk, M. A.Manseck, A.Moritz, R.Musch, M.Peters, I.Pokupic, S.Rocco, B.Schneider, A.Schumann, A.Schwentner, C.Sighinolfi, C. M.Buse, S.Stolzenburg, J. U.Trus, M. C.Waldner, M.Wulfing, C.Zimmermanns, V.Witt, J. H.Wagner, C., To defer or not to defer? A German longitudinal multicentric assessment of clinical practice in urology during the COVID-19 pandemic. PLoS ONE [Electronic Resource]. 2020;15;e0239027	2
3071	R. H. Nishikawa, M.Teraoka, S.Shimizu, R.Kimura, Y.Iwamoto, H.Morizane, S.Hikita, K.Takenaka, A., Effects of nerve-sparing procedures on bowel function after robot-assisted radical prostatectomy: A longitudinal study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44571	3
3072	T. N. Ojima, M.Yamaue, H., Full robotic Roux-en-Y reconstruction after gastrectomy for gastric cancer: a loop reconstruction technique. Updates in Surgery. 2020;72;1279-1281	3
3073	C. G. Damianou, M.Evripidou, N.Kegel, S.Huber, P.Jenne, J., Focused ultrasound robotic system for very small bore magnetic resonance imaging. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44570	7
3074	D. D. Stephan, I.Willeke, F., First Clinical Use of 5 mm Articulating Instruments with the Senhance R Robotic System. Surgical Technology International. 2020;37;63-67	5

3075	S. K. Fukui, Y.Iemura, Y.Tatsumi, Y.Matsumura, Y.Samma, S., Simple suturing of the bladder neck muscle layer at the vesicourethral anastomosis site to the dorsal vein complex during anterior reconstruction led to a better postoperative urinary continence after robot-assisted laparoscopic prostatectomy. Scandinavian Journal of Urology. 2020;54;470-474	3
3076	S. E. Erturk, F., Design and development of a non-contact robotic gripper for tissue manipulation in minimally invasive surgery. Acta Bio-Medica de l Ateneo Parmense. 2020;91;e2020071	2
3077	I. A. B. Bilgin, M.Aytac, E.Benlice, C.Esen, E.Kirbiyik, E.Kiziltas, C.Aghayeva, A.Ozben, V.Hamzaoglu, I.Karahasanoglu, T.Baca, B., Operative and long-term oncological outcomes in patients undergoing robotic versus laparoscopic surgery for rectal cancer. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44571	12
3078	J. G. Du, L.Huang, D.Shan, L.Wang, W.Fan, Y.Hao, D.Yan, L., Radiological and Clinical Differences between Tinavi Orthopedic Robot and O-Arm Navigation System in Thoracolumbar Screw Implantation for Reconstruction of Spinal Stability. Medical Science Monitor. 2020;26;e924770	12
3079	B. S. Pokala, S.Yanala, U.Armijo, P.Kothari, V., Elective robotic-assisted bariatric surgery: Is it worth the money? A national database analysis. American Journal of Surgery. 2020;220;1445-1450	12
3080	B. K. Kayani, S.Tahmassebi, J.Ayuob, A.Haddad, F. S., Computerised tomography-based planning with conventional total hip arthroplasty versus robotic-arm assisted total hip arthroplasty: study protocol for a prospective randomised controlled trial. Trials [Electronic Resource]. 2020;21;776	11
3081	C. L. Liu, C.Yao, X.Li, K.Wang, J.Huang, J.Xu, K., Robot-Assisted Nephrectomy Using the Newly Developed EDGE SP1000 Single-Port Robotic Surgical System: A Feasibility Study in Porcine Model. Journal of Endourology. 2020;34;1149-1154	7
3082	H. M. S. Hollandsworth, S.Klepper, K.Zhao, B.Abbadessa, B.Lopez, N. E.Parry, L.Ramamoorthy, S.Eisenstein, S., Multiquadrant surgery in the robotic era: a technical description and outcomes for da Vinci Xi robotic subtotal colectomy and total proctocolectomy. Surgical Endoscopy. 2020;34;5153-5159	3
3083	D. S. C. Cho, S. H.Kim, S. J.Shim, K. H.Park, S. G.Kim, S. I., Postoperative membranous urethral length is the single most important surgical factor predicting recovery of postoperative urinary continence. Urologic Oncology. 2020;38;930.e7-930.e12	2
3084	W. L. Chang, T.Ren, L.He, G.Ji, M.Jian, M.Chen, Y.Liang, F.Wei, Y.Xu, J., A trinity technique for prevention of low rectal anastomotic leakage in the robotic era. European Journal of Surgical Oncology. 2020;46;e47-e54	3
3085	H. Kwon, Impact of bedside assistant on outcomes of robotic thyroid surgery: A STROBE-compliant retrospective case-control study. Medicine. 2020;99;e22133	3
3086	J. S. B. Kim, H.Son, T.Choi, S.Seo, W. J.Cho, M.Kim, Y. M.Lee, J. H.Kim, H. I.Hyung, W. J., Delta-shaped gastroduodenostomy using a robotic stapler in reduced-port totally robotic gastrectomy: its safety and efficiency compared with conventional anastomosis techniques. Scientific Reports. 2020;10;14729	12
3087	J. N. W. Pelkowski, B. K.Crowe, M. M.Sherman, C. E.Ortiguera, C. J.Ledford, C. K., Robotic-Assisted versus Manual Total Knee Arthroplasty in a Crossover Cohort: What Did Patients Prefer?. Surgical Technology International. 2020;37;336-340	12
3088	A. Macedo, Jr.Del Debbio Di Migueli, R.Ottoni, S. L.Leal da Cruz, M.Manzano, J. P., Robotic-assisted excision of a prostatic utricle cyst in a 12-month boy with proximal hypospadia and 45X0/ 46XY karyotype. Journal of pediatric urology. 2020;16;725-726	3

3089	J. M.-H. Yang, C.Polen-De, C.Magtibay, P.Butler, K.Cliby, W.Langstraat, C.Dinh, T.Chen, L.Magrina, J., Survival outcomes in patients with cervical cancer treated with open versus robotic radical hysterectomy: Our surgical pathology interrogation. Gynecologic Oncology. 2020;159;373-380	13
3090	O. L. Peacock, T.Bednarski, B. K.Kaur, H.Taggart, M. W.Dasari, A.Holliday, E. B.Minsky, B. D.You, Y. N.Chang, G. J., Robotic lateral pelvic lymph node dissection after chemoradiation for rectal cancer: a Western perspective. Colorectal Disease. 2020;22;2049-2056	3
3091	M. K. Gachabayov, S. H.Jimenez-Rodriguez, R.Kuo, L. J.Cianchi, F.Tulina, I.Tsarkov, P.Bergamaschi, R., Impact of robotic learning curve on histopathology in rectal cancer: A pooled analysis. Surgical Oncology. 2020;34;121-125	3
3092	R. L. S. Wilson, T.Calton, E.Galvao, D. A.Taaffe, D. R.Hart, N. H.Lyons-Wall, P.Newton, R. U., Efficacy of a weight loss program prior to robot assisted radical prostatectomy in overweight and obese men with prostate cancer. Surgical Oncology. 2020;35;182-188	3
3093	H. D. Polonini, E. C.Ferreira, A. O.da Silva, S. L.Araujo, P. V. C.Koulouridas, S., Efficacy of an Automated Robotic Cleaning Device for Compounding Pharmacies. International Journal of Pharmaceutical Compound. 2020;24;426-433	3
3094	B. P. Raj Kumar, D.Rohila, J.deSouza, A.Saklani, A., An observational study of the demographic and treatment changes in a tertiary colorectal cancer center during the COVID-19 pandemic. Journal of Surgical Oncology. 2020;122;1271-1275	2
3095	H. Z. Yin, F.Xue, M.Tian, X., Therapeutic effect of robot-assisted laparoscopic sacrocolpopexy in the treatment of pelvic organ prolapse. Zhong Nan da Xue Xue Bao. Yi Xue Ban = Journal of Central South University. Medical Sciences. 2020;45;709-714	13
3096	T. H. K. Geersing, M. G.Franssen, E. J. F.van den Heuvel, J. J. G.Crul, M., Robotic compounding versus manual compounding of chemotherapy: Comparing dosing accuracy and precision. European Journal of Pharmaceutical Sciences. 2020;155;105536	3
3097	X. C. H. Li, X.Fu, C. W.Zhang, Y. J.Zuo, S. D.Dong, J. K.Yang, T.Chen, L. J., An early experience of the robot-assisted laparoscopic nephroureterectomy without re-docking in a single position. Annali Italiani di Chirurgia. 2020;91;327-333	5
3098	E. M. d. P. Haas, T. R.Luna-Saracho, R.LeFave, J. J., Robotic Total Intracorporeal Completion Proctectomy With Restorative IPAA: The NICE Approach. Diseases of the Colon & Rectum. 2020;63;e550-e551	3
3099	H. D. L. Aoun, P. J.Heath, K. E.Adam, B.Prus, M.Beydoun, R.Baciewcz, F., Methylene Blue/Collagen Mixture for CT-Guided Presurgical Lung Nodule Marking: High Efficacy and Safety. Journal of Vascular & Interventional Radiology. 2020;31;1682.e1-1682.e7	2
3100	A. H. K. Mendelsohn, C.Song, J.Singh, A.Le, T.Abiri, A.Berke, G. S.Geoghegan, R., Transoral Robotic Surgical Proficiency Via Real-Time Tactile Collision Awareness System. Laryngoscope. 2020;130 Suppl 6;S1-S17	3
3101	J. Z. Li, S.Juan, J.Yi, B., Preliminary exploration of robotic complete mesocolic excision for colon cancer with the domestically produced Chinese minimally invasive Micro Hand S surgical robot system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44569	3
3102	A. K. Gudeloglu, A. J.Brahmbhatt, J.Parekattil, S.Agarwal, A., Prospective control trial: flexible CO₂ laser vs. monopolar electrocautery for robotic microsurgical denervation of the spermatic cord. International Journal of Impotence Research. 2020;32;623-627	7
3103	J. D. N. Kelly, M.Heller, N.Lendvay, T. S.Kowalewski, T. M., Temporal variability of surgical technical skill perception in real robotic surgery. International Journal of Computer Assisted Radiology & Surgery. 2020;15;2101-2107	3

3104	M. C. G. Scott, A. R.Mets, E. J.Pathak, N.Kahan, J. B.Burroughs, P. J.Varthi, A. G.Rubin, L. E.Grauer, J. N., Patients' and Physicians' Knowledge of Radiation Exposure Related to Spine Surgery. Spine. 2020;45;E1507-E1515	2
3105	R. P. P. Kanojia, A.Bawa, M., Robotic Assisted Vesicoscopic Cohen's Reimplantation in Pediatric Patient: Nuances of Technique, Experience, and Outcome. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;1137-1141	3
3106	A. N. Ghomi, W.Rodgers, B., Robotic-assisted laparoscopic tubal anastomosis: Single institution analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44566	3
3107	H. L. J. Bradwell, C. W.Lee, J.Winnington, R.Thill, S.Jones, R. B., Microbial contamination and efficacy of disinfection procedures of companion robots in care homes. PLoS ONE [Electronic Resource]. 2020;15;e0237069	7
3108	G. R. Siesto, F.Ieda, N. P.Vitobello, D., Survival outcomes after surgical management of endometrial cancer: Analysis after the first 10-year experience of robotic surgery in a single center. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44570	13
3109	M. P. M. Nacul, A. G. F.Zilberstein, B.Benevenuto, D. S.Cavazzola, L. T.Araujo, R. L. C.Sallum, R. A. A.Aguiar-Jr, S.Tomasich, F., Educational note: teaching and training in robotic surgery. An opinion of the Minimally Invasive and Robotic Surgery Committee of the Brazilian College of Surgeons. Revista do Colegio Brasileiro de Cirurgioes. 2020;47;e20202681	3
3110	D. W. Balafoutas, A.Wulff, C.Joukhadar, R., Implementation of robotic gynecological surgery in a German University Hospital: patient safety after 110 procedures. Archives of Gynecology & Obstetrics. 2020;302;1381-1388	3
3111	A. K. Porserud, P.Rydwik, E.Aly, M.Henningsohn, L.Nygren-Bonnier, M.Hagstromer, M., The CanMoRe trial - evaluating the effects of an exercise intervention after robotic-assisted radical cystectomy for urinary bladder cancer: the study protocol of a randomised controlled trial. BMC Cancer. 2020;20;805	11
3112	H. H. Su, Y.Karimi, H. R.Knoll, A.Ferrigno, G.De Momi, E., Improved recurrent neural network-based manipulator control with remote center of motion constraints: Experimental results. Neural Networks. 2020;131;291-299	2
3113	N. D. A. Perrier, P., Distant-Access Robotic Thyroidectomy-Is It Worth the Cost?. JAMA Surgery. 2020;155;1010-1012	5
3114	F. D. Tunca, A. C.Sahbaz, N. A.Akarsu, C.Sormaz, I. C.Saygi Emir, N.Guzey, D.Giles Senyurek, Y., Pure transoral robotic thyroidectomy; institutional adaptation and early results from a tertiary endocrine surgery centre. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44569	3
3115	X. V. M. Bao, M. F., Lung Mechanics of the Obese Undergoing Robotic Surgery and the Pursuit of Protective Ventilation. Anesthesiology. 2020;133;695-697	8
3116	L. K. Giordano, A. A.Gamagami, R. A.Lujan, H. J.Plasencia, G.Santiago, C., Robotic-Assisted and Laparoscopic Sigmoid Resection. Journal of the Society of Laparoendoscopic Surgeons. 2020;24;Jul-Sep	12
3117	M. B. K. Tuna, A. E.Mourmouris, P.Argun, O. B.Doganca, T.Obek, C.Ozisik, O.Kural, A. R., Impact of Refractive Errors on Da Vinci SI Robotic System. Journal of the Society of Laparoendoscopic Surgeons. 2020;24;Jul-Sep	3
3118	D. F. Mangels, A.Ang, L.Mahmud, E., Resource Utilization During Elective Robotic-Assisted Percutaneous Coronary Intervention. Journal of Invasive Cardiology. 2020;32;E321-E325	3

3119	M. K. Brannstrom, N.Groth, K.Akouri, R.Wiman, L.Enskog, A.Dahm-Kahler, P., Evolution of surgical steps in robotics-assisted donor surgery for uterus transplantation: results of the eight cases in the Swedish trial. Fertility & Sterility. 2020;114;1097-1107	3
3120	R. T. Philips, M. C.Crawley, M. B.Swendseid, B.Luginbuhl, A.Curry, J.Cognetti, D., Functional and survival outcomes in elderly patients undergoing transoral robotic surgery. Oral Oncology. 2020;111;104954	3
3121	Anonymous, Robot-Assisted Surgery for Noncancerous Gynecologic Conditions: ACOG COMMITTEE OPINION SUMMARY, Number 810. Obstetrics & Gynecology. 2020;136;640-641	3
3122	S. H. H. Choi, D. H.Lee, J. H.Choi, Y.Lee, J. H.Choi, G. H., Safety and feasibility of robotic major hepatectomy for novice surgeons in robotic liver surgery: A prospective multicenter pilot study. Surgical Oncology. 2020;35;39-46	3
3123	C. A. Basatac, H., 'Trifecta' outcomes of robot-assisted partial nephrectomy: Results of the 'low volume' surgeon. International Braz J Urol. 2020;46;943-949	3
3124	T. Y. L. Qiu, J.Wong, O.Oh, H. B.Boon, T. W.Parameswaran, R.Ngiam, K. Y., Preoperative scar perception study comparing 'scarless' in the neck endoscopic thyroidectomy with open thyroidectomy: a cross-sectional study. Annals of the Royal College of Surgeons of England. 2020;102;737-743	2
3125	L. N. Daunizeau, A.Le Garrec, M.Chapelon, J. Y.N'Djin, W. A., Robot-assisted ultrasound navigation platform for 3D HIFU treatment planning: Initial evaluation for conformal interstitial ablation. Computers in Biology & Medicine. 2020;124;103941	5
3126	S. P. Lunde, K. K.Sogaard-Andersen, E.Arendt-Nielsen, L., Preoperative quantitative sensory testing and robot-assisted laparoscopic hysterectomy for endometrial cancer: can chronic postoperative pain be predicted?. Scandinavian Journal of Pain. 2020;20;693-705	3
3127	A. T. L. Nguyen, M.Mallen-St Clair, J.Mita, A. C.Scher, K. S.Lu, D. J.Shiao, S. L.Ho, A. S.Zumsteg, Z. S., Comparison of Survival After Transoral Robotic Surgery vs Nonrobotic Surgery in Patients With Early-Stage Oropharyngeal Squamous Cell Carcinoma. JAMA Oncology. 2020;6;1555-1562	13
3128	J. W. Oteros, A.Kutzora, S.Rojo, J.Heinze, S.Herr, C.Gebauer, R.Schmidt-Weber, C. B.Buters, J. T. M., An operational robotic pollen monitoring network based on automatic image recognition. Environmental Research. 2020;191;110031	3
3129	M. A. C. A. Machado, A. O.Makdissi, F. F., Robotic Roux-En-Y Hepaticojejunostomy for Primary Intrahepatic Lithiasis after Laparoscopic Right Hepatectomy. Arquivos de Gastroenterologia. 2020;57;337-338	5
3130	M. G. T. C. White, H. S., ASO Author Reflections: The Role of the Robot in Liver Surgery: An Evolution in Progress. Annals of Surgical Oncology. 2020;27;897-898	5
3131	R. M. Abaza, O.Murphy, C.Urkmez, A.Davis, J., Adoption of Single-Port Robotic Prostatectomy: Two Alternative Strategies. Journal of Endourology. 2020;34;1230-1234	3
3132	J. M. P. Ferguson, B.Kuntz, A.Granna, J.Kavoussi, N. L.Nimmagadda, N.Barth, E. J.Herrell, S. D., 3rdWebster, R. J., 3rd, Comparing the accuracy of the da Vinci Xi and da Vinci Si for image guidance and automation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44571	2
3133	Y. P. Sun, B.Guo, Y.Fu, Y.Niu, G., Vision-based hand-eye calibration for robot-assisted minimally invasive surgery. International Journal of Computer Assisted Radiology & Surgery. 2020;15;2061-2069	5
3134	A. B. Baselizadeh, A.Torabi, A.Behzadipour, S., Using robotic mechanical perturbations for enhanced balance assessment. Medical Engineering & Physics. 2020;83;44756	3

3135	B. K. Kayani, S.Tahmassebi, J.Ayuob, A.Moriarty, P. D.Haddad, F. S., Robotic-arm assisted medial unicondylar knee arthroplasty versus jig-based unicompartmental knee arthroplasty with navigation control: study protocol for a prospective randomised controlled trial. Trials [Electronic Resource]. 2020;21;721	7
3136	N. K. Ikoma, M. P.Tzeng, C. D.Tran Cao, H. S.Lee, J. E.Katz, M. H. G., External Retraction Technique for Robotic Pancreatoduodenectomy. Journal of the American College of Surgeons. 2020;231;e8-e10	5
3137	M. A. G. Abd El Aziz, F.Perry, W.Behm, K. T.Shawki, S. F.Larson, D. W.Mathis, K. L., Colectomy for patients with super obesity: current practice and surgical morbidity in the United States. Surgery for Obesity & Related Diseases. 2020;16;1764-1769	2
3138	S. L. Bae, Y.Chang, P. H., There is No test-retest reliability of brain activation induced by robotic passive hand movement: A functional NIRS study. Brain and Behavior. 2020;10;e01788	3
3139	Y. S. O. Krieger, D.Rzepka, K.Meining, A.Feussner, H.Wilhelm, D.Lueth, T. C., Evaluation of long-term stability of monolithic 3D-printed robotic manipulator structures for minimally invasive surgery. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1693-1697	3
3140	R. L. Lin, X.Lu, F.Yang, Y.Wang, C.Fang, H.Chen, Y.Huang, H., Robotic resection for benign primary retroperitoneal tumors via the transperitoneal approach. Langenbecks Archives of Surgery. 2020;405;1175-1181	3
3141	M. F. Z. Keating, J.Feider, C. L.Retailleau, S.Reid, R.Antaris, A.Hart, B.Tan, G.Milner, T. E.Miller, K.Eberlin, L. S., Integrating the MasSpec Pen to the da Vinci Surgical System for In Vivo Tissue Analysis during a Robotic Assisted Porcine Surgery. Analytical Chemistry. 2020;92;11535-11542	7
3142	J. J. Teng, Z.Ai, X.Luo, X.Guan, Y.Hao, X.Fei, W., Robotic-assisted laparoscopic artery-sparing varicocelectomy using indocyanine green fluorescence angiography: Initial experience. Andrologia. 2020;52;e13774	3
3143	G. O. Honda, Y.Yoshida, N.Kawamoto, Y., Basic knowledge of and a small trick for atraumatic needle driving in laparoscopic suturing. Journal of Hepato-biliary-pancreatic Sciences. 2020;27;785-788	2
3144	A. S. L. Rosemurgy, K.Krill, E.Castro, M.Espineira, G. R.Sucandy, I.Ross, S., 100 Robotic Distal Pancreatectomies: The Future at Hand. American Surgeon. 2020;86;958-964	3
3145	H. H. N. Balkhy, S.Tung, A.Torregrossa, G.Mehta, S., Does Intolerance of Single-Lung Ventilation Preclude Robotic Off-Pump Totally Endoscopic Coronary Bypass Surgery?. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2020;15;456-462	3
3146	W. R.-K. Su, G.Kang, M.Posner, M.Liu, J. T.Westra, W.Miles, B. A.Gupta, V.Sharma, S.Misiukiewicz, K.Genden, E.Bakst, R. L., Long-term outcomes in patients with recurrent human papillomavirus-positive oropharyngeal cancer after upfront transoral robotic surgery. Head & Neck. 2020;42;3490-3496	3
3147	M. D. B.-G. Watson, M. R.Thompson, K. J.Iannitti, D. A.Ocuin, L. M.Baker, E. H.Martinie, J. B.Vrochides, D., Improved oncologic outcomes for minimally invasive left pancreatectomy: Propensity-score matched analysis of the National Cancer Database. Journal of Surgical Oncology. 2020;122;1383-1392	12
3148	J. F. S. Schiemer, K.Somerlik-Fuchs, K. H.Hoffmann, K. P.Baumgart, J.Kneist, W., Robotic Setup Promises Consistent Effects of Multilocular Gastrointestinal Electrical Stimulation: First Results of a Porcine Study. European Surgical Research. 2020;61;14-22	7
3149	Y. B. Fong, J. F.Collins, J.Martinie, J.Bruns, C.Tsung, A.Clavien, P. A.Nachmany, I.Edwin, B.Pratschke, J.Solomonov, E.Koenigsrainer, A.Giulianotti, P. C., Applying the Delphi process for development of a hepatopancreaticobiliary robotic surgery training curriculum. Surgical Endoscopy. 2020;34;4233-4244	3

3150	E. D. Aguayo, V.Nakhla, M.Seo, Y. J.Hadaya, J.Cho, N. Y.Sareh, S.Sanaiha, Y.Benharash, P., National trends and outcomes of inpatient robotic-assisted versus laparoscopic cholecystectomy. Surgery. 2020;168;625-630	12
3151	I. T. Fayed, A.Triano, M.Sayah, A.Makariou, E.Voyadzis, J. M.Sandhu, F. A., Robot-Assisted Percutaneous Pedicle Screw Placement: Evaluation of Accuracy of the First 100 Screws and Comparison with Cohort of Fluoroscopy-guided Screws. World Neurosurgery. 2020;143;e492-e502	4
3152	W. D. C. Gerull, D.Kuo, I.Arefanian, S.Kushner, B. S.Awad, M. M., Robotic Approach to Paraesophageal Hernia Repair Results in Low Long-Term Recurrence Rate and Beneficial Patient-Centered Outcomes. Journal of the American College of Surgeons. 2020;231;520-526	5
3153	M. L. v. L. Donswijk, P. J.Vegt, E.Cheung, Z.Heijmink, Swtpjvan der Poel, H. G.Stokkel, M. P. M., Clinical impact of PSMA PET/CT in primary prostate cancer compared to conventional nodal and distant staging: a retrospective single center study. BMC Cancer. 2020;20;723	2
3154	A. A. Aktas, E.Bas, M.Gunes, O.Tarcan, S. H.Esen, E.Gokler, C.Aghayeva, A.Uylas, U.Ozben, V.Zengin, A.Sumer, F.Baca, B.Hamzaoglu, I.Kayaalp, C.Karahasanoglu, T., Totally minimally invasive radical gastrectomy with the da Vinci Xi^R robotic system versus straight laparoscopy for gastric adenocarcinoma. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44570	12
3155	M. K. C. Abel, J. K.Chow, S.Darcy, K.Tian, C.Kapp, D. S.Mann, A. K.Liao, C. I., Trends and survival outcomes of robotic, laparoscopic, and open surgery for stage II uterine cancer. International Journal of Gynecological Cancer. 2020;30;1347-1355	13
3156	Q. Z. Liu, Z.Zhang, X.Zhao, G.Tan, X.Gao, Y.Lau, W. Y.Liu, R., Robotic pancreaticoduodenectomy in elderly and younger patients: A retrospective cohort study. International Journal Of Surgery. 2020;81;61-65	3
3157	A. H. Abdel Raheem, A.Ghaith, A.Alenzi, M. J.Elghiaty, A.Gameel, T.Alowidah, I.Ham, W. S.Choi, Y. D.El-Bahnasy, A. H.Omar, A.El-Bendary, M.Rha, K. H., Retzius-sparing robot-assisted radical prostatectomy versus open retropubic radical prostatectomy: a prospective comparative study with 19-month follow-up. Minerva Urologica e Nefrologica. 2020;72;586-594	12
3158	S. J. Z. Zhu, X. L.Xie, Q.Zhou, Y. F.Wang, K. R., Comparison of the effects of deep and moderate neuromuscular block on respiratory system compliance and surgical space conditions during robot-assisted laparoscopic radical prostatectomy: a randomized clinical study. Journal of Zhejiang University SCIENCE B. 2020;21;637-645	3
3159	N. I. A. Dirie, M. A.Mohamed, M. A.Zhang, Z.Wang, S., Robot-assisted Laparoscopic Pyeloplasty in Adults: A Comparison Analysis of Primary versus Redo Pyeloplasty in a Single Center. Urology Journal. 2020;18;45-50	3
3160	S. S. Kapadia, A.Tom, C. M.Ozao-Choy, J.Simms, E.Neville, A.Petrie, B. A.Dauphine, C., Should Robotic Surgery Training Be Prioritized in General Surgery Residency? A Survey of Fellowship Program Director Perspectives. Journal of Surgical Education. 2020;77;e245-e250	3
3161	C. C. Esposito, V.Del Conte, F.Cerulo, M.Esposito, G.Farina, A.Crocetto, F.Castagnetti, M.Settimi, A.Escolino, M., Near-Infrared fluorescence imaging using indocyanine green (ICG): Emerging applications in pediatric urology. Journal of pediatric urology. 2020;16;700-707	2
3162	T. P. Koeppel, O., Test-Retest Reliability of Kinematic Assessments for Upper Limb Robotic Rehabilitation. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2020;28;2035-2042	2

3163	N. D. Richer, R. J.Hairston, W. D.Ferris, D. P.Nordin, A. D., Motion and Muscle Artifact Removal Validation Using an Electrical Head Phantom, Robotic Motion Platform, and Dual Layer Mobile EEG. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2020;28;1825-1835	7
3164	A. O.-V. Saracino, T. J. C.Menciassi, A.Sinibaldi, E.Mylonas, G. P., Haptic Intracorporeal Palpation Using a Cable-Driven Parallel Robot: A User Study. IEEE Transactions on Biomedical Engineering. 2020;67;3452-3463	3
3165	M. A. Higuchi, T.Hotta, K.Morita, K.Miyata, H.Furumido, J.Iwahara, N.Kon, M.Osawa, T.Matsumoto, R.Kikuchi, H.Kurashima, Y.Murai, S.Aydin, A.Raison, N.Ahmed, K.Khan, M. S.Dasgupta, P.Shinohara, N., Development and validation of a porcine organ model for training in essential laparoscopic surgical skills. International Journal of Urology. 2020;27;929-938	2
3166	X. L. Qiu, Y.Chen, M.Xu, L.Guo, S.Marra, G.Elliot Rosenberg, J.Ma, H.Li, X.Guo, H., Retzius-sparing robot-assisted radical prostatectomy improves early recovery of urinary continence: a randomized, controlled, single-blind trial with a 1-year follow-up. BJU International. 2020;126;633-640	3
3167	J. A. G. C, A.Smedira, N. G.Hodges, K.Burns, D. J. P.Wierup, P., Robotic trans-mitral septal myectomy and papillary muscle reorientation for HOCM combined with or without mitral valve repair: Technical aspects - How we do it. Journal of Cardiac Surgery. 2020;35;3120-3124	3
3168	H. R. S. Bosi, R. F.Zanirati, T.Cavazzola, L. T., Simple Trick for Placement of the Robotic Single-Site Device in Obese Patients. Obesity Surgery. 2020;30;4675-4676	3
3169	Q. Z. Liu, T.Hu, M.Zhao, Z.Zhao, G.Li, C.Zhang, X.Lau, W. Y.Liu, R., Comparison of the learning curves for robotic left and right hemihepatectomy: A prospective cohort study. International Journal Of Surgery. 2020;81;19-25	3
3170	W. L. Song, S. W.Chung, J. H.Kang, M.Sung, H. H.Jeon, H. G.Jeong, B. C.Seo, S. I.Lee, H. M.Jeon, S. S., Relationship between robotic-assisted radical prostatectomy and retropubic radical prostatectomy in the learning curve of a single surgeon as a novice in radical prostatectomy: A retrospective cohort study. International Journal Of Surgery. 2020;81;74-79	12
3171	D. B. Romano, G.Kavallieratos, N. G.Athanassiou, C. G.Canale, A.Stefanini, C., Beetle-robot hybrid interaction: sex, lateralization and mating experience modulate behavioural responses to robotic cues in the larger grain borer Prostephanus truncatus (Horn). Biological Cybernetics. 2020;114;473-483	7
3172	S. P. Hota, S.Amdur, R.Obias, V., Evaluation of Minimally Invasive Surgical Therapies for Ulcerative Colitis. American Surgeon. 2020;86;782-786	12
3173	F. F. Boehm, D. T.Sommer, F.Scheithauer, M. O.Greve, J.Hoffmann, T. K.Schuler, P. J., Nasolacrimal duct stenosis-Surgery with a novel robotic endoscope positioning system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44566	3
3174	D. L. Liu, R.Wan, Z.Zhu, W.He, P.Ye, S.Tang, C.Lei, X.Li, T., Clinical outcomes and prognostic factors of robotic assisted rectal cancer resection alone versus robotic rectal cancer resection with natural orifice extraction: a matched analysis. Scientific Reports. 2020;10;12848	3
3175	M. A. G. Burtoft, S. M.Laporta, M. L.Wittwer, E. D.Schroeder, D. R.Sprung, J.Weingarten, T. N., Postoperative Nausea and Vomiting and Pain After Robotic-Assisted Mitral Valve Repair. Journal of Cardiothoracic & Vascular Anesthesia. 2020;34;3225-3230	3
3176	W. F. W. Sherman, V. J., Robotic Surgery in Total Joint Arthroplasty: A Survey of the AAHKS Membership to Understand the Utilization, Motivations, and Perceptions of Total Joint Surgeons. Journal of Arthroplasty. 2020;35;3474-3481.e2	3

3177	Y. K. Kasimoglu, S.Karsli, E.Esen, M.Bektas, I.Ince, G.Tuna, E. B., Robotic approach to the reduction of dental anxiety in children. Acta Odontologica Scandinavica. 2020;78;474-480	3
3178	M. T. Sumitomo, A.Toda, R.Fukami, N.Fukaya, K.Zennami, K.Ichino, M.Takahara, K.Kusaka, M.Shiroki, R., Deep learning using preoperative magnetic resonance imaging information to predict early recovery of urinary continence after robot-assisted radical prostatectomy. International Journal of Urology. 2020;27;922-928	3
3179	X. G. Duan, L.Yue, J.Shang, X.Ma, Z.Tang, P.Chen, C.Jiang, H.Yu, Z., Influence of Induction Therapy on Robot-Assisted McKeown Esophagectomy for Esophageal Squamous Cell Carcinoma. Digestive Surgery. 2020;37;463-471	3
3180	G. C. Gao, L.Luo, R.Tang, B.Li, T., Short- and long-term outcomes for transvaginal specimen extraction versus minilaparotomy after robotic anterior resection for colorectal cancer: a mono-institution retrospective study. World Journal of Surgical Oncology. 2020;18;190	3
3181	L. L. Busmann, S.Wittekindt, C.Stromberger, C.Tribius, S.Mockelmann, N.Bottcher, A.Betz, C. S.Klussmann, J. P.Budach, V.Muenscher, A.Busch, C. J., Comparative effectiveness trial of transoral head and neck surgery followed by adjuvant radio(chemo)therapy versus primary radiochemotherapy for oropharyngeal cancer (TopROC). BMC Cancer. 2020;20;701	11
3182	K. M. Pirie, P. S.Riedel, B., A survey of neuraxial analgesic preferences in open and laparoscopic major abdominal surgery amongst anaesthetists in Australia and New Zealand. Anaesthesia & Intensive Care. 2020;48;314-317	2
3183	K. G. Juszczak, A.Adamowicz, J.Adamczyk, P.Pokrywczynska, M.Drewa, T., Health-related quality of life is not related to laparoscopic or robotic technique in radical cystectomy. Advances in Clinical & Experimental Medicine. 2020;29;857-863	13
3184	J. S. H. Peng, S. N.Kukar, M., ASO Author Reflections: Robotic Oncologic Surgery. Annals of Surgical Oncology. 2020;27;741	5
3185	C. V. D. Draulans, N.Isebaert, S.Everaerts, W.Silversmit, G.Joniau, S.De Meerleer, G.Van Eycken, E.Haustermans, K.Be, Ralp The Belgian Ralp consortium, Variation in adjuvant and early salvage radiotherapy after robot-assisted radical prostatectomy for prostate cancer: a population-based cohort study. Acta Oncologica. 2020;59;904-910	3
3186	S. I. D. Scott, T.Jepsen, J. V.von Buchwald, C.Andersen, S. A. W., Design and validation of a cross-specialty simulation-based training course in basic robotic surgical skills. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44571	3
3187	K. G. King, A.Stoltzfus, J.Claros, L.El Chaar, M., Cost Analysis of Robotic Roux-en-Y Gastric Bypass in a Single Academic Center: How Expensive Is Expensive?. Obesity Surgery. 2020;30;4860-4866	12
3188	M. E. O. Ince, G.Ors, N.Zor, M.Yildirim, V., Anesthesia management for robotic assisted radical prostatectomy. Single center experince. Annali Italiani di Chirurgia. 2020;91;196-200	3
3189	A. E. Ganti, M.Grudzinski, K.Ramirez, E. A.Vaughan, D.Revenaugh, P. C.Stenson, K.Al-Khudari, S., Enhanced recovery protocol for transoral robotic surgery demonstrates improved analgesia and narcotic use reduction. American Journal of Otolaryngology. 2020;41;102649	3
3190	A. N. Hiester, A.Arsov, C.Buddensieck, C.Albers, P., Robotic Assisted Retroperitoneal Lymph Node Dissection for Small Volume Metastatic Testicular Cancer. Journal of Urology. 2020;204;1242-1248	5

3191	A. A. Pini Prato, R.Faticato, M. G.Mariani, N.Dusio, M. P.Felici, E.Tentori, A.Nozza, P., Minimally Invasive Redo Pull-Throughs in Hirschsprung Disease. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;1023-1028	2
3192	Y. L. Yang, Z.Guo, Y.Li, X.Liu, L.Wang, X.Bai, Y.Wei, Q.Han, P., The Efficiency and Safety of Transperitoneal versus Extraperitoneal Robotic-Assisted Radical Prostatectomy for Patients with Prostate Cancer: A Single Center Experience with 1-year Follow-up. Urology Journal. 2020;17;480-485	3
3193	L. K. Ramirez-Caban, A.Goggins, E. R.Shockley, M. E.Haddad, L. B.Chahine, E. B., Factors that Lengthen Patient Hospitalizations Following Laparoscopic Hysterectomy. Journal of the Society of Laparoendoscopic Surgeons. 2020;24;Jul-Sep	2
3194	D. G. Cuccurullo, L.Favoriti, P.Mazzoni, G.Sagnelli, C.Tartaglia, E., Robotic-assisted single site (RASS) TAPP: an advantageous choice? : Outcomes of single site robotic groin hernia repair. Hernia. 2020;24;1057-1062	5
3195	B. K. T. Goh, R. Y., Current Status of Laparoscopic and Robotic Pancreatic Surgery and Its Adoption in Singapore. Annals of the Academy of Medicine, Singapore. 2020;49;377-383	8
3196	P. P. C. Xu, X. P.Tang, S. T.Li, S.Cao, G. Q.Zhang, X.Chi, S. Q.Fang, M. J.Yang, D. H.Li, X. Y., Robot-assisted thoracoscopic plication for diaphragmatic eventration. Journal of Pediatric Surgery. 2020;55;2787-2790	12
3197	X. F. Chen, F.Yu, X.Wang, S.Tu, Z.Han, Y.Li, Q.Chen, H.Chen, Z.Lao, L.Shen, H., Robot-assisted orthopedic surgery in the treatment of adult degenerative scoliosis: a preliminary clinical report. Journal of Orthopaedic Surgery. 2020;15;282	12
3198	J. B. Guo, Z.Fu, Q.Guo, S., Design and implementation of a novel wireless modular capsule robotic system in pipe. Medical & Biological Engineering & Computing. 2020;58;2305-2324	3
3199	R. E. S. Haslam, C. A., Educational Value of YouTube Surgical Videos of Pediatric Robot-Assisted Laparoscopic Pyeloplasty: A Qualitative Assessment. Journal of Endourology. 2020;34;1129-1133	5
3200	J. C. P. d. T. Vilanova, A.Puig, J.Hoogenboom, M.Barcelo, J.Planas, M.Sala, S.Thio-Henestrosa, S., Robotic-assisted transrectal MRI-guided biopsy. Technical feasibility and role in the current diagnosis of prostate cancer: an initial single-center experience. Abdominal Radiology. 2020;45;4150-4159	3
3201	J. W. Zheng, Y.Zhang, J.Guo, W.Yang, X.Luo, L.Jiao, W.Hu, X.Yu, Z.Wang, C.Zhu, L.Yang, Z.Zhang, M.Xie, F.Jia, Y.Li, B.Li, Z.Dong, Q.Niu, H., 5G ultra-remote robot-assisted laparoscopic surgery in China. Surgical Endoscopy. 2020;34;5172-5180	5
3202	P. S. Zeuschner, M.Janssen, M., ASO Author Reflection: Learning Curves in Robotic Partial Nephrectomy-Not Only the Surgeon Counts. Annals of Surgical Oncology. 2020;27;840-841	5
3203	M. P. Rahimli, A.Schellerer, V.Andric, M.Stockheim, J.Lorenz, E.Franz, M.Arend, J.Croner, R. S., A falciform ligament flap surface sealing technique for laparoscopic and robotic-assisted liver surgery. Scientific Reports. 2020;10;12143	3
3204	B. H. O. Min, T. K.Song, I. A.Jeon, Y. T., Comparison of the effects of sugammadex and neostigmine on hospital stay in robot-assisted laparoscopic prostatectomy: a retrospective study. BMC Anesthesiology. 2020;20;178	3

3205	S. M. Pedra Nobre, J. J.Gardner, G. J.Long Roche, K.Brown, C. L.Soslow, R. A.Alektiar, K. M.Sonoda, Y.Broach, V. A.Jewell, E. L.Zivanovic, O.Chi, D. S.Abu-Rustum, N. R.Leitao, M. M., Jr., Comparison of minimally invasive versus open surgery in the treatment of endometrial carcinosarcoma. International Journal of Gynecological Cancer. 2020;30;1162-1168	2
3206	H. K. C. Yoo, A.Cho, E. H.Kim, S. J.Shim, J. E.Lee, S. R.Jeong, K.Moon, H. S., Robotic single-site surgery in benign gynecologic diseases: Experiences and learning curve based on 626 robotic cases at a single institute. Journal of Obstetrics & Gynaecology Research. 2020;46;1885-1892	3
3207	S. A. H. Parascandola, S.Tampo, M. M. T.Sparks, A. D.Obias, V., The Impact of Conversion to Laparotomy in Rectal Cancer : A National Cancer Database Analysis of 57 574 Patients. American Surgeon. 2020;86;811-818	2
3208	J. A. Chan, T. S.Long, W. J.Kreuzer, S.Campanelli, V.Liebelt, R.Kissin, Y. D., Active Robotic Total Knee Arthroplasty (TKA): Initial Experience with the TSolution One R TKA System. Surgical Technology International. 2020;37;299-305	3
3209	F. H. Nik-Ahd, L. E.Aronson, W. J.Terris, M. K.Klaassen, Z.Cooperberg, M. R.Amling, C. L.Kane, C. J.Freedland, S. J., Obese men undergoing radical prostatectomy: Is robotic or retropubic better to limit positive surgical margins? Results from SEARCH. International Journal of Urology. 2020;27;851-857	2
3210	C. S. Yang, Y.Xie, S.Chen, J.Zhao, Y.Qian, F.Hao, Y.Tang, B.Yu, P., Short-term outcomes of robotic- versus laparoscopic-assisted Total Gastrectomy for advanced gastric Cancer: a propensity score matching study. BMC Cancer. 2020;20;669	12
3211	V. K. Mondini, R. J.Sburlea, A. I.Muller-Putz, G. R., Continuous low-frequency EEG decoding of arm movement for closed-loop, natural control of a robotic arm. Journal of Neural Engineering. 2020;17;46031	2
3212	R. T. Onofrio, P., A methodology for Dynamic Human Reliability Analysis in Robotic Surgery. Applied Ergonomics. 2020;88;103150	3
3213	W. G. M. Tharp, S.Breidenstein, M. W.Love, C.Booms, A.Rafferty, M. N.Friend, A. F.Perrapato, S.Ahern, T. P.Dixon, A. E.Bates, J. H. T.Bender, S. P., Body Habitus and Dynamic Surgical Conditions Independently Impair Pulmonary Mechanics during Robotic-assisted Laparoscopic Surgery. Anesthesiology. 2020;133;750-763	5
3214	C. T. Almeras, C.Salin, A.Beauval, J. B.Loison, G.Gautier, J. R.Ploussard, G., Subsphincteric Anastomosis During Laparoscopic Robot-Assisted Radical Prostatectomy and Its Positive Impact on Continence Recovery. Journal of Endourology. 2020;34;1235-1241	3
3215	J. N. Pierce, K.Adams, C.Coppolecchia, A.Lavernia, C., Robotic arm-assisted knee surgery: an economic analysis. American Journal of Managed Care. 2020;26;e205-e210	3
3216	D. M. K. Pham, J. K.Lee, S.Hong, S. K.Byun, S. S.Lee, S. E., Prediction of pathologic upgrading in Gleason score 3+4 prostate cancer: Who is a candidate for active surveillance?. Investigative And Clinical Urology. 2020;61;405-410	2
3217	A. L. D. Walsh, P., A comparative analysis of single port versus multi-port robotic assisted radical prostatectomy for prostate cancer. Investigative And Clinical Urology. 2020;61;335-337	5
3218	O. A. B. Olavarria, K.Shah, S. K.Wilson, T. D.Wei, S.Pedroza, C.Avritscher, E. B.Loor, M. M.Ko, T. C.Kao, L. S.Liang, M. K., Robotic versus laparoscopic ventral hernia repair: multicenter, blinded randomized controlled trial. BMJ. 2020;370;m2457	12

3219	F. P. Girrbach, D.Schulz, S.Hempel, G.Lange, M.Klotz, C.Scherz, S.Giannella-Neto, A.Beda, A.Jardim-Neto, A.Stolzenburg, J. U.Reske, A. W.Wrigge, H.Simon, P., Individualised positive end-expiratory pressure guided by electrical impedance tomography for robot-assisted laparoscopic radical prostatectomy: a prospective, randomised controlled clinical trial. British Journal of Anaesthesia. 2020;125;373-382	3
3220	S. G. R. Tou, M.Gallagher, A. G.Matzel, K. E.Escp Aspire collaborative, European expert consensus on a structured approach to training robotic-assisted low anterior resection using performance metrics. Colorectal Disease. 2020;22;2232-2242	1
3221	N. J. M. Eardley, K. E.Gomez Ruiz, M.Khan, J. S.Riley, S. A.Donnelly, M. T.Tou, S., European Society of Coloproctology Colorectal Robotic Surgery Training for the Trainers Course - the first pilot experience. Colorectal Disease. 2020;22;1741-1748	3
3222	Q. S. Lu, Y.Xia, S.Chen, B.Wang, K., A Novel Universal Endovascular Robot for Peripheral Arterial Stent-Assisted Angioplasty: Initial Experimental Results. Vascular & Endovascular Surgery. 2020;54;598-604	7
3223	N. M. Smith, D. G.Lawrentschuk, N.McCormick, J.Heriot, A.Warrier, S.Lynch, A. C., Robotic multivisceral pelvic resection: experience from an exenteration unit. Techniques in Coloproctology. 2020;24;1145-1153	3
3224	F. M. Di Benedetto, P., ASO Author Reflections: Robotic ALPPS: The Future is Coming. Annals of Surgical Oncology. 2020;27;836-837	5
3225	I. L. Sucandy, K.Lippert, T.Castro, M.Krill, E.Ross, S.Rosemurgy, A., Robotic Major Hepatectomy: An Institutional Experience and Clinical Outcomes. Annals of Surgical Oncology. 2020;27;4970-4979	3
3226	M. B. Gomez Ruiz, P. P.Chaudhri, S.Gerjy, R.Gogenur, I.Jayne, D.Khan, J. S.Rautio, T.Sanchez-Guillen, L.Spinoglio, G.Ulrich, A.Rouanet, P., Minimally invasive right colectomy anastomosis study (MIRCAST): protocol for an observational cohort study of surgical complications using four surgical techniques for anastomosis in patients with a right colon tumor. BMC Surgery. 2020;20;151	7
3227	G. B. Meccariello, G.Calpona, S.Parisi, E.Cammaroto, G.Iannella, G.Sgarzani, R.Montevecchi, F.De Vito, A.Capaccio, P.Pelucchi, S.Vicini, C., Trans oral robotic surgery versus definitive chemoradiotherapy for oropharyngeal cancer: 10-year institutional experience. Oral Oncology. 2020;110;104889	13
3228	T. M. L. L. Castilho, G. C.Cha, J. D.Colombo, J. R.Claros, O. R.Lemos, M. B.Carneiro, A., Transition from open partial nephrectomy directly to robotic surgery: experience of a single surgeon to achieve "TRIFECTA". International Braz J Urol. 2020;46;814-821	3
3229	Y. H. Qin, H.Xue, Y.Wu, C.Wei, X.Liu, Y.Cao, Y.Ruan, Y.He, J., Comparison and trend of perioperative outcomes between robot-assisted radical prostatectomy and open radical prostatectomy: nationwide inpatient sample 2009-2014. International Braz J Urol. 2020;46;754-771	12
3230	M. E. R. Allaix, F.Fichera, A., The Landmark Series: Minimally Invasive (Laparoscopic and Robotic) Colorectal Cancer Surgery. Annals of Surgical Oncology. 2020;27;3704-3715	8
3231	G. F. Giuliani, G.Milone, M.Salaj, A.Salvischiani, L.Bianchi, P. P., Full robotic Hartmann's reversal: technical aspects and preliminary experience. Colorectal Disease. 2020;22;1734-1740	3
3232	E. D. P. Green, V.Hardman, J. C.Kerawala, C.Riva, F. M. G.Jaly, A. A.Ap Dafydd, D., Integrated surgery and radiology: trans-oral robotic surgery guided by real-time radiologist-operated intraoral ultrasound. Oral & Maxillofacial Surgery. 2020;24;477-483	3

3233	B. K. Imielski, C.Manerikar, A.Chaudhary, S.Kosterski, S.Odell, D.Kim, S.Bharat, A., Comparative effectiveness and cost-efficiency of surgical approaches for thymectomy. Surgery. 2020;168;737-742	13
3234	G. A. Ploussard, C.Beauval, J. B.Gautier, J. R.Garnault, V.Fremont, N.Dallemagne, S.Loison, G.Salin, A.Tollon, C., A combination of enhanced recovery after surgery and prehabilitation pathways improves perioperative outcomes and costs for robotic radical prostatectomy. Cancer. 2020;126;4148-4155	3
3235	A. S. Gulamhusein, P.Cullen, D.Tran, M.Mumtaz, F.Patki, P.Barod, R.Bex, A., Safety and feasibility of early single-dose mitomycin C bladder instillation after robot-assisted radical nephroureterectomy. BJU International. 2020;126;739-744	3
3236	D. F. Huynh, N.Al-Aufey, B.Capati, I.Towfigh, S., Robotic iliopubic tract (r-IPT) repair: technique and preliminary outcomes of a minimally invasive tissue repair for inguinal hernia. Hernia. 2020;24;1041-1047	3
3237	N. A. Ghazali, G.Markose, G., Modification of the microscope drape to provide a closed surgical field in transoral robotic surgery. British Journal of Oral & Maxillofacial Surgery. 2020;58;867-868	5
3238	M. E. Shimbo, F.Matsushita, K.Hattori, K., Impact of indocyanine green-guided extended pelvic lymph node dissection during robot-assisted radical prostatectomy. International Journal of Urology. 2020;27;845-850	3
3239	V. T. Aliyev, H.Goksel, S.Guven, K.Bakir, B.Kay, H.Asoglu, O., Robotic Sphincter-Saving Total Mesorectal Excision for Rectal Cancer Treatment: A Single-Surgeon Experience in 103 Consecutive Male Patients. Surgical Technology International. 2020;37;93-98	5
3240	Y. G. A. Tan, J. C.Tay, K. J.Huang, H. H.Lee, L. S., Benefits of robotic cystectomy compared with open cystectomy in an Enhanced Recovery After Surgery program: A propensity-matched analysis. International Journal of Urology. 2020;27;783-788	13
3241	C. D. Soenens, P.De Coster, G.Van Damme, N.Van Eycken, E.Quackels, T.Roumeguere, T.Van Cleynenbreugel, B.Joniau, S.Ameye, F.Be, Ralp registry, Concordance Between Biopsy and Radical Prostatectomy Gleason Scores: Evaluation of Determinants in a Large-Scale Study of Patients Undergoing RARP in Belgium. Pathology Oncology Research. 2020;26;2605-2612	2
3242	E. A. Aguayo, J.Sanaiha, Y.Dobaria, V.Kwon, O. J.Sareh, S.Benharash, P.King, J. C., Readmission and Resource Use After Robotic-Assisted versus Open Pancreaticoduodenectomy: 2010-2017. Journal of Surgical Research. 2020;255;517-524	12
3243	T. F. Shiinoki, F.Yuasa, Y.Nonomura, T.Fujimoto, K.Sera, T.Tanaka, H., Analysis of dosimetric impact of intrafraction translation and rotation during respiratory-gated stereotactic body radiotherapy with real-time tumor monitoring of the lung using a novel six degrees-of-freedom robotic moving phantom. Medical Physics. 2020;47;3870-3881	7
3244	K. Y. W. Hu, R.Szabo, A.Ridolfi, T. J.Ludwig, K. A.Peterson, C. Y., Laparoscopic Versus Robotic Proctectomy Outcomes: An ACS-NSQIP Analysis. Journal of Surgical Research. 2020;255;495-501	12
3245	G. D. M. Motterle, F.Zanovello, N.Morlacco, A.Boemo, D. G.Zattoni, F.Zattoni, F., Minimally invasive urologic surgery is safe during COVID-19: experience from two high-volume centers in Italy. Journal of Robotic Surgery. 2020;14;909-911	2
3246	Y. L. Zhang, S.Zhang, X.Ding, Y.Hua, K., Laparoscopic metroplasty for unicornuate uterus with a functional noncommunicating rudimentary horn. International Journal of Gynaecology & Obstetrics. 2020;149;31-36	2

3247	Y. C. Zhang, C.Hu, J.Han, Y.Huang, M.Xiang, J.Li, H., Early outcomes of robotic versus thoracoscopic segmentectomy for early-stage lung cancer: A multi-institutional propensity score-matched analysis. Journal of Thoracic & Cardiovascular Surgery. 2020;160;1363-1372	13
3248	C. C. Wu, J.Sulek, J.Zhou, T.Sundaram, C. P.Wachs, J.Yu, D., Eye-Tracking Metrics Predict Perceived Workload in Robotic Surgical Skills Training. Human Factors. 2020;62;1365-1386	1
3249	J. P. Slawin, N. H.Lee, Z.Dy, G. W.Kim, D.Asghar, A.Koster, H.Metro, M.Zhao, L.Stifelman, M.Eun, D. D., Ureteral Reimplantation via Robotic Nontransecting Side-to-Side Anastomosis for Distal Ureteral Stricture. Journal of Endourology. 2020;34;836-839	3
3250	C. C. L. Wang, W. J.De Virgilio, A.Liu, S. A.Chen, S. H.Liao, J. S., Long-term outcomes of trans-oral robotic surgery-assisted total laryngectomy for recurrent laryngeal cancers. Japanese Journal of Clinical Oncology. 2020;50;653-660	3
3251	J. S. Fulla, A.Kaplan-Marans, E.Palese, M., Magnetic-Assisted Robotic and Laparoscopic Renal Surgery: Initial Clinical Experience with the Levita Magnetic Surgical System. Journal of Endourology. 2020;34;1242-1246	5
3252	C. T. S. Brown, Y. V.Zann, A.McLeod, D. J.DaJusta, D., Utilization of robotics for retroperitoneal lymph-node dissection in pediatric and non-pediatric hospitals. Journal of Robotic Surgery. 2020;14;865-870	12
3253	P. C. H. Liao, S. C.Hu, J. C.Chiu, K. Y., Retzius-sparing Robotic-assisted Radical Prostatectomy Facilitates Early Continence Regardless of Neurovascular Bundle Sparing. Anticancer Research. 2020;40;4075-4080	3
3254	Y. H. C. Huang, K. C.Lin, S. H.Huang, P. M.Yang, P. W.Lee, J. M., Robotic-assisted single-incision gastric mobilization for minimally invasive oesophagectomy for oesophageal cancer: preliminary results. European Journal of Cardio-Thoracic Surgery. 2020;58;i65-i69	3
3255	N. N. de'Angelis, M.Martinez-Perez, A.Memeo, R.Charpy, C.Urciuoli, I.Maroso, F.Sommacale, D.Amiot, A.Canoui-Poitrine, F.Levesque, E.Brunetti, F., Robotic Versus Laparoscopic Partial Mesorectal Excision for Cancer of the High Rectum: A Single-Center Study with Propensity Score Matching Analysis. World Journal of Surgery. 2020;44;3923-3935	12
3256	J. E. S. Thompson, A. N.Shaw, G.Rajan, P.Mohammed, A.Briggs, T. P.Nathan, S.Kelly, J. D.Sooriakumaran, P., Peri-operative, functional and early oncologic outcomes of salvage robotic-assisted radical prostatectomy after high-intensity focused ultrasound partial ablation. BMC Urology. 2020;20;81	3
3257	A. J. A. Buabbas, S.Shehab, A. A., An exploratory study of public' awareness about robotics-assisted surgery in Kuwait. BMC Medical Informatics & Decision Making. 2020;20;140	3
3258	A. A. Tafuri, N.Rizzetto, R.Sebben, M.Shakir, A.Gozzo, A.Odorizzi, K.De Michele, M.Gallina, S.Bianchi, A.Ornaghi, P.Brunelli, M.De Marco, V.Verratti, V.Migliorini, F.Cerruto, M. A.Artibani, W.Antonelli, A.Porcaro, A. B., Obesity strongly predicts clinically undetected multiple lymph node metastases in intermediate- and high-risk prostate cancer patients who underwent robot assisted radical prostatectomy and extended lymph node dissection. International Urology & Nephrology. 2020;52;2097-2105	3
3259	A. E. T. Roth, C. J.Blackstone, R. P., Outcomes in Bariatric and Metabolic Surgery: an Updated 5-Year Review. Current Obesity Reports. 2020;9;380-389	2
3260	Y. J. L. S. Bodar, A. K.Shah, A. S.Kawal, T.Shukla, A. R., Time-Driven activity-based costing identifies opportunities for process efficiency and cost optimization for robot-assisted laparoscopic pyeloplasty. Journal of pediatric urology. 2020;16;460.e1-460.e10	3

3261	X. J. Yin, S.Shao, Z.Lu, Y.Guo, J.Xiao, Y.Zhu, X.Yu, H.Ma, H.Yang, Y.Gao, J., Kidney ventrally rotation technique in retroperitoneal robot-assisted partial nephrectomy for posterior hilar tumor: technical feasibility and preliminary results. World Journal of Surgical Oncology. 2020;18;148	3
3262	A. A. F. D. C. S. Goncalves, S. L.Pitassi, C.Brauer, M.Gois, S.de Oliveira, S. B., Innovation in Cancer Treatment: The Impacts of Robotic-Assisted Surgery Adoption at the Brazilian National Cancer Institute. Studies in Health Technology & Informatics. 2020;272;123-126	3
3263	H. O. Okuda, J.Takumi, Y.Kakehata, S.Muragaki, Y., The iArmS Robotic Armrest Prolongs Endoscope Lens-Wiping Intervals in Endoscopic Sinus Surgery. Surgical Innovation. 2020;27;515-522	3
3264	S. W. Kotamarti, T.Silver, M.Silver, D. A.Schulman, A. A., Rethinking the need for overnight admission after robotic-assisted laparoscopic prostatectomy. Journal of Robotic Surgery. 2020;14;913-915	3
3265	R. Q. Maheshwari, S. Y.Rakhul, L. R.Chaturvedi, S.Desai, P.Grover, R.Chhabra, G.Khullar, D.Kumar, A., Prospective Nonrandomized Comparison Between Open and Robot-Assisted Kidney Transplantation: Analysis of Midterm Functional Outcomes. Journal of Endourology. 2020;34;939-945	13
3266	P. B. Saba, E.Melnyk, R.Patel, A.Kashyap, R.Ghazi, A., Development of a High-Fidelity Robot-Assisted Kidney Transplant Simulation Platform Using Three-Dimensional Printing and Hydrogel Casting Technologies. Journal of Endourology. 2020;34;1088-1094	3
3267	A. T. O. Beksac, K. E.Meilika, K.Ige, O. A.Lee, J. Y.Lovallo, G. G.Ahmed, M.Stifelman, M. D.Eun, D. D.Abaza, R.Badani, K. K., Should a Drain Be Routinely Required After Transperitoneal Robotic Partial Nephrectomy?. Journal of Endourology. 2020;34;964-968	3
3268	A. P. Arora, F.Zugail, A. S.Moschini, M.Pazeto, C.Macek, P.Stabile, A.Lanz, C.Mombet, A.Bennamoun, M.Sanchez-Salas, R.Cathelineau, X., Comparing Perioperative Complications Between Laparoscopic and Robotic Radical Cystectomy for Bladder Cancer. Journal of Endourology. 2020;34;1033-1040	13
3269	A. W. Aminsharifi, C. A.Sawczyn, G.Kim, S.Lenfant, L.Kaouk, J., Predictors Associated with a Prolonged Hospital Stay After Single-Port Extraperitoneal Robotic Radical Prostatectomy: A Comparative Analysis of Outpatient Versus Inpatient Care. Journal of Endourology. 2020;34;1049-1054	3
3270	A. C. Khanna, S. C.Murthy, P. B.Ericson, K. J.Nyame, Y. A.Abouassaly, R., Unplanned Conversion from Minimally Invasive to Open Kidney Surgery: The Impact of Robotics. Journal of Endourology. 2020;34;955-963	13
3271	K. E. Ohwaki, F.Shimbo, M.Hattori, K., The Use of Cumulative Sum Analysis to Derive Institutional and Surgeon-Specific Learning Curves for Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2020;34;969-973	3
3272	D. C. D'Agostino, P.Colicchia, M.Romagnoli, D.Busetto, G. M.Ferro, M.Tafuri, A.Cevenini, M.Mineo Bianchi, F.Giampaoli, M.Porreca, A., The pathological and clinical features of anterior lesions of prostate cancer: Evaluation in a single cohort of patients. Archivio Italiano di Urologia, Andrologia. 2020;92;23	2
3273	R. S. Liegl, V.Fuerweger, C.Foerster, M. H.Muacevic, A.Priglinger, S. G.Schaller, U. C.Foerster, P., Robotic CyberKnife Radiosurgery for Ciliary Body Melanoma. Ophthalmology Retina. 2020;4;954-956	2
3274	S. T. Sforza, R.Grosso, A. A.Zaccaro, C.Viola, L.Di Maida, F.Mari, A.Carini, M.Minervini, A.Masieri, L., Can we predict the development of symptomatic lymphocele following robot-assisted radical prostatectomy and lymph node dissection? Results from a tertiary referral Centre. Scandinavian Journal of Urology. 2020;54;328-333	3

3275	X. J. Shi, Y.Dou, Q.Heng, P. A., LRTD: long-range temporal dependency based active learning for surgical workflow recognition. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1573-1584	2
3276	G. C. Pelizzo, L.Bonanno, L.Marino, S.Cavaliere, C.Aiello, M.Bramanti, P.Mazzon, E.Soddu, A.Calcaterra, V., Training Skills in Minimally Invasive, Robotic and Open Surgery: Brain Activation as an Opportunity for Learning. European Surgical Research. 2020;61;34-50	2
3277	S. S. Taguchi, K.Fukuhara, H., Updated evidence on oncological outcomes of surgery versus external beam radiotherapy for localized prostate cancer. Japanese Journal of Clinical Oncology. 2020;50;963-969	2
3278	S. Z. Zhu, Z.Pan, Y.Zheng, G., Markerless robotic pedicle screw placement based on structured light tracking. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1347-1358	3
3279	J. G. Zhang, X., Object extraction via deep learning-based marker-free tracking framework of surgical instruments for laparoscope-holder robots. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1335-1345	5
3280	J. Y. Suh, S.Park, J.Cho, M. C.Jeong, C. W.Ku, J. H.Kwak, C.Kim, H. H.Jeong, H., Differences in risk factors for biochemical recurrence after radical prostatectomy stratified by the degree of obesity: Focused on surgical methods. Scientific Reports. 2020;10;10157	2
3281	K. H. Al-Mulki, J.Kaka, A. S.Boyce, B. J.Baddour, H. M.El-Deiry, M.Solares, C. A.Magliocca, K.Summers, K.Aiken, A.Saba, N. F.Beitler, J. J.Patel, M. R., Narrowband Imaging for p16+ Unknown Primary Squamous Cell Carcinoma Prior to Transoral Robotic Surgery. Otolaryngology - Head & Neck Surgery. 2020;163;1198-1201	3
3282	V. J. R. Heng, M. A.Zerouali, K.Doucet, R.Diamant, A.Bahig, H.DeBlois, F.Seuntjens, J., Large-scale dosimetric assessment of Monte Carlo recalculated doses for lung robotic stereotactic body radiation therapy. Physica Medica. 2020;76;44757	3
3283	P. A. L. Reisz, A. A.Zhao, Z.Huang, L. C.Koyama, T.Conwill, R.Hoffman, K.Goodman, M.Hamilton, A. S.Wu, X. C.Paddock, L. E.Stroup, A.Cooperberg, M. R.Hashibe, M.O'Neil, B. B.Kaplan, S. H.Greenfield, S.Penson, D. F.Barocas, D. A., Assessing the Quality of Surgical Care for Clinically Localized Prostate Cancer: Results from the CEASAR Study. Journal of Urology. 2020;204;1236-1241	2
3284	S. C. Koti, C.Kadison, A. B.Sullivan, J. S.Wang, J.Zaidi, R.Deutsch, G. B., Enhanced postoperative recovery with minimally invasive cytoreductive surgery and hyperthermic intraperitoneal chemotherapy for peritoneal surface malignancies of gastrointestinal origin. Surgical Oncology. 2020;33;38-42	3
3285	L. L. Gu, K.Du, S.Li, H.Ma, X.Huang, Q.Ai, Q.Chen, W.Gao, Y.Fan, Y.Xie, Y.Yao, Y.Wang, H.Li, P.Xuan, Y.Wang, B.Zhang, X., Prediction of pentafecta achievement following laparoscopic partial nephrectomy: Implications for robot-assisted surgery candidates. Surgical Oncology. 2020;33;32-37	13
3286	J. K. Hotton, M.Gosset, M.Rossi, L.Delomenie, M.Ngo, C.Lecuru, F.Bats, A. S., Outcomes of robotic surgery for endometrial cancer in elderly women. Surgical Oncology. 2020;33;24-29	3
3287	E. V. Chartier-Kastler, C.Roupret, M.Bassi, S.Cancrini, F.Phe, V., Robot-assisted laparoscopic artificial urinary sphincter insertion in women with stress urinary incontinence: a pilot single-centre study. BJU International. 2020;126;722-730	3
3288	X. Z. Du, Y.Boulgouris, N.Brett, P. N.Mitchell-Innes, A.Coulson, C.Irving, R.Begg, P., Noise Exposure on Human Cochlea During Cochleostomy Formation Using Conventional and a Hand Guided Robotic Drill. Otology & Neurotology. 2020;41;e829-e835	7

3289	G. K. Antanavicius, T.Alswealmeen, W.Assali, M., Three Hundred Four Robotically Assisted Biliopancreatic Diversion with Duodenal Switch Operations with Gradual Robotic Approach Implementation: Short-Term Outcomes, Complication Profile, and Lessons Learned. Obesity Surgery. 2020;30;3961-3967	3
3290	Y. L. Kuang, S.Zhao, H.Cui, B.Liu, K.Yao, H., Totally Robotic Distal Gastrectomy: A Safe and Feasible Minimally Invasive Technique for Gastric Cancer Patients Who Undergo Distal Gastrectomy. Digestive Surgery. 2020;37;360-367	3
3291	D. M. Steffens, K. E.Roberts, R.Bannon, P. G.Solomon, M. J., Evolving experience of operating theatre staff with the implementation of robotic-assisted surgery in the public sector. Australian Health Review. 2020;44;624-629	3
3292	Z. M. Y. Zhao, Z. Z.Meng, Y.Jiang, N.Ma, Z. G.Pan, L. C.Tan, X. L.Chen, X.Liu, R., Successful robotic radical resection of hepatic echinococcosis located in posterosuperior liver segments. World Journal of Gastroenterology. 2020;26;2831-2838	3
3293	F. K. Bedir, H.Altay, M. S.Sebin, E.Bedir, B., Serum paraoxonase 1 and 3 activities in benign and malignant diseases of the prostate and changes in levels following robotic-assisted laparoscopic radical prostatectomy. Turkish Journal of Medical Sciences. 2020;50;1872-1878	3
3294	S. F. Gerlach, C.Hofmann, T.Schlaefer, A., Feasibility and analysis of CNN-based candidate beam generation for robotic radiosurgery. Medical Physics. 2020;47;3806-3815	3
3295	Y. M. Tsuchiya, S.Tsukamoto, R.Okazawa, Y.Mizukoshi, K.Sugimoto, K.Takahashi, M.Tomiki, Y. K. Y.Sakamoto, K., Creatine kinase elevation after robotic surgery for rectal cancer due to a prolonged lithotomy position. BMC Surgery. 2020;20;136	12
3296	R. D. Jones, R. W.Halgrimson, W. R.Vigneswaran, H. T.Madueke, I.Wilson, J.Abern, M. R.Crivellaro, S., Single port robotic radical prostatectomy with the da Vinci SP platform: a step by step approach. Canadian Journal of Urology. 2020;27;10263-10269	3
3297	A. T. Di Lascia, N.Petruzzelli, F.Pacilli, M.Maddalena, F.Fersini, A.Pavone, G.Vovola, F.Ambrosi, A., Right hemicolectomy: laparoscopic versus robotic approach. Annali Italiani di Chirurgia. 2020;91;478-485	12
3298	D. C. E. Broering, Y.Alnemary, Y.Zidan, A.Elsarawy, A.Saleh, Y.Alabbad, S.Sturdevant, M.Wu, Y. M.Troisi, R. I., Robotic Versus Open Right Lobe Donor Hepatectomy for Adult Living Donor Liver Transplantation: A Propensity Score-Matched Analysis. Liver Transplantation. 2020;26;1455-1464	12
3299	O. R. El-Sherif, N. B.Kruse, J. J., Validating robotic couch isocentricity with 3D surface imaging. Journal of Applied Clinical Medical Physics. 2020;21;168-172	3
3300	J. X. Zhou, L.Miao, X.Liu, J.Zou, H.Wen, Y., Outcome of robot-assisted pancreaticoduodenectomy during initial learning curve versus laparotomy. Scientific Reports. 2020;10;9621	12
3301	L. H. Harvey, R.Dillon, N.Blum, E.Branscombe, L.Webster, S.Webster, R. J.Anderson, T., A Novel Robotic Endoscopic Device Used for Operative Hysteroscopy. Journal of Minimally Invasive Gynecology. 2020;27;1631-1635	5
3302	E. P.-A. Burn, D.Hamilton, T. W.Kennedy, J. A.Murray, D. W.Pinedo-Villanueva, R., Threshold for Computer- and Robot-Assisted Knee and Hip Replacements in the English National Health Service. Value in Health. 2020;23;719-726	3
3303	D. T. Jacobs, S. J.Gibson, C.Rahmati, R.Mehra, S.Judson, B. L., Assessing National Utilization Trends and Outcomes of Robotic and Endoscopic Thyroidectomy in the United States. Otolaryngology - Head & Neck Surgery. 2020;163;947-955	12
3304	F. Y. Liu, H.Wei, W.Qin, C., I-feed: A robotic platform of an assistive feeding robot for the disabled elderly population. Technology & Health Care. 2020;28;425-429	3

3305	A. S. Tamhankar, N.Hampson, A.Noel, J.El-Taji, O.Arianayagam, R.McNicholas, T.Boustead, G.Lane, T.Adshead, J.Vasdev, N., Real-time assessment of learning curve for robot-assisted laparoscopic prostatectomy. Annals of the Royal College of Surgeons of England. 2020;102;717-725	3
3306	R. S. Algarra, T.Garcia, S.Arance, I.Sanchez de la Muela, P., Retzius-sparing robot-assisted radical prostatectomy: Perioperative and immediate continence outcomes of an initial series. Actas Urologicas Espanolas. 2020;44;542-548	3
3307	A. H. Baghdadi, H.de Lotbiniere-Bassett, M. P.Choi, S. K.Lama, S.Sutherland, G. R., Data analytics interrogates robotic surgical performance using a microsurgery-specific haptic device. Expert Review of Medical Devices. 2020;17;721-730	3
3308	C. H. Simon, F. C.Rheinwald, M.Kemper, J.Lambercy, K., A new endoscopic surgical approach to the larynx, hypopharynx, and neck lymphatics: The robotic-assisted extended "Sistrunk" approach (RESA). Head & Neck. 2020;42;2750-2756	7
3309	A. H. Lindfors, H.Adok, C.Sundfeldt, K.Dahm-Kahler, P., Long-term survival in obese patients after robotic or open surgery for endometrial cancer. Gynecologic Oncology. 2020;158;673-680	13
3310	A. R. Khan, K.Mao, J. Z.O'Connor, T. E.Agyei, J. O.Meyers, J. E.Mullin, J. P.Pollina, J., Comparing Cortical Bone Trajectories for Pedicle Screw Insertion using Robotic Guidance and Three-Dimensional Computed Tomography Navigation. World Neurosurgery. 2020;141;e625-e632	12
3311	T. H. Feng, G.Lee, J. J.Liao, M.Li, H. F.Porter, J. R., Randomised comparison of techniques for control of the dorsal venous complex during robot-assisted laparoscopic radical prostatectomy. BJU International. 2020;126;586-594	3
3312	Z. C. C. Giffen, N.Ortiz, J.Sindhwani, P.Ekwenna, O., Robotic-assisted Donor Nephrectomy: As Safe as Laparoscopic Donor Nephrectomy. Surgical Technology International. 2020;37;171-174	13
3313	B. V. T. Persyn, P., Robotic Hysterectomy Using a Sealing Device: Differences In Complications and Pain Scores Between Small and Large Uteri. Surgical Technology International. 2020;37;143-148	5
3314	M. A. C. L. F. Machado, M. M.Mattos, B. H.Ardengh, J. C.Makdissi, F. F., Robotic pancreatic resection. Personal experience with 105 cases. Revista do Colegio Brasileiro de Cirurgioes. 2020;47;e20202501	5
3315	C. P. Fernstrum, M.Wright, G. P.Wolf, A. M., Robotic Surgery for Median Arcuate Ligament Syndrome. Journal of the Society of Laparoendoscopic Surgeons. 2020;24;Apr-Jun	3
3316	S. O. Olmi, A.Cesana, G.Ciccarese, F.Uccelli, M.Giorgi, R.Villa, R.Maria De Carli, S., Surgical Outcomes of Laparoscopic Right Colectomy with Complete Mesocolic Excision. Journal of the Society of Laparoendoscopic Surgeons. 2020;24;Apr-Jun	2
3317	C. L. Ji, Q.Chen, W.Zhang, F.Ji, H.Zhang, S.Zhao, X.Li, X.Zhang, G.Guo, H., Retrospective comparison of three minimally invasive approaches for adrenal tumors: perioperative outcomes of transperitoneal laparoscopic, retroperitoneal laparoscopic and robot-assisted laparoscopic adrenalectomy. BMC Urology. 2020;20;66	12
3318	K. M. v. H. Patel, N.Kilzi, G. M.Patel, A.Bowen, F. W.Shersher, D. D.Trivedi, K.Desai, R. G., Liposomal Bupivacaine Versus Bupivacaine for Intercostal Nerve Blocks in Thoracic Surgery: A Retrospective Analysis. Pain Physician. 2020;23;E251-E258	2
3319	Z. M. Y. Zhao, Z. Z.Pan, L. C.Hu, M. G.Tan, X. L.Liu, R., Robotic isolated partial and complete hepatic caudate lobectomy: A single institution experience. Hepatobiliary & Pancreatic Diseases International. 2020;19;435-439	3

3320	T. S. D. Suhardja, A.Rajkomar, A. K.Smart, P.Heriot, A. G.Warrier, S. K., How to do a complete mesocolic excision and central vascular ligation. ANZ Journal of Surgery. 2020;90;1469-1471	2
3321	V. F. Valle, E.Mangano, A.Aguiluz, G.Bustos, R.Bianco, F.Giulianotti, P. C., Robotic Whipple for pancreatic ductal and ampullary adenocarcinoma: 10 years experience of a US single-center. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44568	3
3322	R. T. S. Meyer, Y., Mixed-reality assistive robotic power chair simulator for Parkinson's tremor testing. Medical Engineering & Physics. 2020;83;142-147	3
3323	H. R. A. Sharini, N.Khabiri, H.Arabalibeik, H.Hashemi, H.Azimi, A. R.Masjoodi, S., Novel FMRI-Compatible wrist robotic device for brain activation assessment during rehabilitation exercise. Medical Engineering & Physics. 2020;83;112-122	2
3324	M. G.-S. Gracia, J.Ramirez, M.Bellon, M.Herraiz, M. A.Coronado, P. J., Value of robotic surgery in endometrial cancer by body mass index. International Journal of Gynaecology & Obstetrics. 2020;150;398-405	13
3325	K. D. Iyengar, G.Stoyanov, D., Investigating exploration for deep reinforcement learning of concentric tube robot control. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1157-1165	3
3326	K. K. Funai, A.Mizuno, K.Koyama, S.Takanashi, Y.Shiiya, N., Uniquely Modified Robotic-Assisted Thoracic Surgery With Good Intrathoracic Visual Field. Annals of Thoracic Surgery. 2020;110;e435-e436	5
3327	M. X. Fanhao, X.Bo, Q.Lejun, X.Yu, S.Liang, Z.Tingting, J.Rui, Z.Depeng, Z.Ran, A.Yu, T.Suixin, H.Zheng, Z.Wenjun, Y.Haizhong, Z., A new multimodal, image-guided, robot-assisted, interstitial brachytherapy for the treatment of head and neck tumors-A preliminary study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44566	3
3328	O. Y. C. Kudsi, K.Bou-Ayash, N.Gokcal, F., Transabdominal (TA) versus totally extraperitoneal (TEP) robotic retromuscular ventral hernia repair: a propensity score matching analysis. Surgical Endoscopy. 2020;34;3550-3559	3
3329	M. M. Kalia, P.Tsang, K.Black, P.Navab, N.Salcudean, S., Evaluation of a marker-less, intra-operative, augmented reality guidance system for robot-assisted laparoscopic radical prostatectomy. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1225-1233	3
3330	Y. T. Yamada, T.Fujimura, T.Sato, Y.Nakamura, M.Niimi, A.Kimura, N.Kakutani, S.Kawai, T.Yamada, D.Suzuki, M.Kume, H., Comparison of perioperative outcomes in elderly (age 75 years) vs. younger men undergoing robot-assisted radical prostatectomy. PLoS ONE [Electronic Resource]. 2020;15;e0234113	3
3331	M. A. C.-P. Krezalek, N.Parker, M. E.Kelley, S. R.Behm, K. T., Hybrid Robotic Transanal Minimally Invasive Surgery Approach to Large and Low-Lying Rectal Polyps. Diseases of the Colon & Rectum. 2020;63;1001-1006	3
3332	V. d. M. Ozben, C.Sengun, B.Zenger, S.Agcaoglu, O.Balik, E.Aytac, E.Bilgin, I. A.Baca, B.Hamzaoglu, I.Karahasanoglu, T.Bugra, D., Robotic complete mesocolic excision for transverse colon cancer can be performed with a morbidity profile similar to that of conventional laparoscopic colectomy. Techniques in Coloproctology. 2020;24;1035-1042	12
3333	M. K. Dudash, J.Dove, J.Fluck, M.Horsley, R.Gabrielsen, J.Daouadi, M.Petrick, A. T.Parker, D. M., The Longitudinal Efficiency of Robotic Surgery: an MBSAQIP Propensity Matched 4-Year Comparison of Robotic and Laparoscopic Bariatric Surgery. Obesity Surgery. 2020;30;3706-3713	12

3334	K. D. LeBlanc, E.Gonzalez, A.Gamagami, R.Pierce, R.Balentine, C.Voeller, G.Prospective Hernia Study, Group, Prospective, multicenter, pairwise analysis of robotic-assisted inguinal hernia repair with open and laparoscopic inguinal hernia repair: early results from the Prospective Hernia Study. Hernia. 2020;24;1069-1081	12
3335	K. N. Hosoda, M.Ushiku, H.Harada, H.Sakuraya, M.Washio, M.Yamashita, K.Hiki, N., Prevention of intra-thoracic recurrent laryngeal nerve injury with robot-assisted esophagectomy. Langenbecks Archives of Surgery. 2020;405;533-540	3
3336	Y. L. Xu, A.Chen, L.Huang, H.Gao, Y.Zhang, C.Xu, Y.Huang, D.Xu, D.Zhang, M., Enhanced recovery after surgery (ERAS) pathway optimizes outcomes and costs for minimally invasive radical prostatectomy. Journal of International Medical Research. 2020;48;300060520920072	2
3337	J. E. H. Bates, K. E.Mendenhall, W. M.Dziegielewski, P. T.Amdur, R. J., Comparing national practice versus standard guidelines for the use of adjuvant treatment following robotic surgery for oropharyngeal squamous cell carcinoma. Head & Neck. 2020;42;2602-2606	3
3338	W. H. Abdelfadeel, N.Star, A.Saxena, A.Hozack, W. J., CT planning studies for robotic total knee arthroplasty. Bone & Joint Journal. 2020;102-B;79-84	3
3339	J. Y. P. Lim, Y. M.Kang, M. S.Kim, D. H.Choi, E. C.Kim, S. H.Koh, Y. W., Comparison of Surgical Outcomes of Robotic and Conventional Approaches in Patients with Pre- and Poststyloid Parapharyngeal Space Tumors. Annals of Surgical Oncology. 2020;27;4535-4543	12
3340	M. D. T. Watson, S.Benbow, J. H.Gower, N. L.Hill, J. S.Salo, J. C., Effect of Surgical Approach on Node Harvest in Gastrectomy: Analysis of the National Cancer Database. World Journal of Surgery. 2020;44;3061-3069	2
3341	A. K. S. Salama, K. M.Casey, J.Roth, J.Whittam, B.Cain, M. P., Use of retrograde pyelogram to plan for miniature open incision in pediatric pyeloplasty. Journal of pediatric urology. 2020;16;479.e1-479.e5	2
3342	Y. K. Kerbage, A.Kridelka, F.Lambaudie, E.Bats, A. S.Hebert, T.Goffin, F.Wallet, J.Leblanc, E.Hudry, D.Narducci, F., Lomboaortic Lymphadenectomy in Gynecological Oncology: Laparotomy, Laparoscopy or Robot-Assisted Laparoscopy?. Annals of Surgical Oncology. 2020;27;3891-3897	13
3343	T. A. Yamaguchi, T.Fukunaga, Y.Nagayama, S.Nagasaki, T.Mukai, T.Nakanishi, R.Konishi, T., Robotic extralevator abdominoperineal resection with en bloc multivisceral resection and lateral lymph node dissection for rectal cancer. Techniques in Coloproctology. 2020;24;1093-1094	5
3344	S. L. Won, N.Kim, M.Kim, M. K.Kim, M. L.Jung, Y. W.Yun, B. S.Seong, S. J., Comparison of operative time between robotic and laparoscopic myomectomy for removal of numerous myomas. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44566	13
3345	S. C. Guo, J.Zhao, Y.Wang, Y.Ma, Y.Gao, W.Mao, G.Hong, S., Machine learning-based operation skills assessment with vascular difficulty index for vascular intervention surgery. Medical & Biological Engineering & Computing. 2020;58;1707-1721	2
3346	J. P. Schaible, B.Verloh, N.Einspieler, I.Baumler, W.Zeman, F.Schreyer, A.Stroszczynski, C.Beyer, L., Improvement of the primary efficacy of microwave ablation of malignant liver tumors by using a robotic navigation system. Radiology & Oncology. 2020;54;295-300	4
3347	M. P. Piccoli, F.Esposito, S.Sighinolfi, C.Gozzo, D.Trapani, V.De Carne, C.Rocco, B. M. C., First cases of combined full robotic partial nephrectomy and colorectal resections: Results and new perspectives. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44568	3
3348	K. C. Y. Moon, H. D.Yoon, E. S.Lee, B. I.Park, S. H.Chung, J. H.Lee, H. C., Robotic-assisted latissimus dorsi muscle flap for autologous chest reconstruction in poland syndrome. Journal of Plastic, Reconstructive & Aesthetic Surgery: JPRAS. 2020;73;1506-1513	3

3349	C. S. White, M., Ureteral Reimplantation, Psoas Hitch, and Boari Flap. Journal of Endourology. 2020;34;S25-S30	2
3350	F. K. Matsumoto, K.Omura, G.Matsumura, S.Matsumoto, Y.Fukasawa, M.Yoshimoto, S., Pull-through resection without free-flap reconstruction for lateral wall oropharyngeal cancer. Japanese Journal of Clinical Oncology. 2020;50;1018-1022	2
3351	J. H. K. Marks, E.Salem, J.Martin, C.Schoonyoung, H. P.Agarwal, S., rSILS: initial clinical experience with single-port robotic (SPr) right colectomy. Techniques in Coloproctology. 2020;24;817-822	3
3352	A. H. Onagi, N.Tanji, R.Honda, R.Matsuoka, K.Hoshi, S.Koguchi, T.Hata, J.Sato, Y.Akaihata, H.Kataoka, M.Ogawa, S.Kojima, Y., Transient renal dysfunction due to rhabdomyolysis after robot-assisted radical prostatectomy. International Urology & Nephrology. 2020;52;1877-1884	3
3353	J. L. Brundl, S.Stojanoski, G.Gilfrich, C.Rosenhammer, B.Stolzlechner, M.Ponholzer, A.Dreissig, C.Weikert, S.Burger, M.May, M., Peritoneal Flap in Robot-Assisted Radical Prostatectomy. Deutsches Arzteblatt International. 2020;117;243-250	3
3354	H. Y. X. Chen, X. Y.Chen, C. W.Chou, H. K.Sung, C. Y.Lin, F. H.Chen, P. Q.Wong, T. H., A Spine Robotic-Assisted Navigation System for Pedicle Screw Placement. Journal of Visualized Experiments. 2020;159;11	3
3355	R. S. R. Calabro, M.Naro, A.Ciurleo, R.D'Aleo, G.Rifici, C.Balletta, T.La Via, C.Destro, M.Bramanti, P.Sessa, E., Nabiximols plus robotic assisted gait training in improving motor performances in people with Multiple Sclerosis. Multiple Sclerosis and Related Disorders. 2020;43;102177	2
3356	S. T. Panda, A.Sharma, S. C.Sikka, K.Sharma, A.Bhasker, S.Mohan, V. K.Sharma, M. C., Trans-oral robotic surgery for mandibulotomy sparing in posteriorly positioned oral tongue cancers. Clinical Otolaryngology. 2020;45;827-831	5
3357	S. A. M. M. Heredia Perez, M.Harada, K.Mitsuishi, M., The effects of different levels of realism on the training of CNNs with only synthetic images for the semantic segmentation of robotic instruments in a head phantom. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1257-1265	5
3358	Z. Z. Hu, J.Xie, L.Cui, G., A generalized predictive control for remote cardiovascular surgical systems. ISA Transactions. 2020;104;336-344	2
3359	D. Y. Lee, H. W.Kim, S.Yoon, J.Lee, K.Chai, Y. J.Choi, J. Y.Kong, H. J.Lee, K. E.Cho, H. S.Kim, H. C., Vision-based tracking system for augmented reality to localize recurrent laryngeal nerve during robotic thyroid surgery. Scientific Reports. 2020;10;8437	3
3360	C. V. Koutserimpas, K.Makris, M. C.Ioannidis, A.Konstantinidis, M. K.Antonakopoulos, F.Athanasopoulos, P.Mazarakis, A.Papagelopoulos, P. J.Konstantinidis, K. M., Operative treatment of athletic pubalgia in competitive athletes: a retrospective study. Journal of Sports Medicine & Physical Fitness. 2020;60;758-763	2
3361	A. Y. M. Y. Lee, X. Y.Lee, H. J.Law, Y. M.Huang, H. H.Lau, W. K. O.Lee, L. S.Ho, H. S. S.Tay, K. J.Cheng, C. W. S.Yuen, J. S. P.Chen, K., Multiparametric MRI-ultrasonography software fusion prostate biopsy: initial results using a stereotactic robotic-assisted transperineal prostate biopsy platform comparing systematic vs targeted biopsy. BJU International. 2020;126;568-576	3
3362	J. J. S. Cummings, K. K.Deegan, R. J.Solorzano, C. C.Eagle, S. S., Robotic Adrenalectomy for Pheochromocytoma in a Patient with Fontan Physiology. Journal of Cardiothoracic & Vascular Anesthesia. 2020;34;2446-2451	5
3363	J. C. van der Merwe, F.Vermeulen, Y.Stockman, B.Degrieck, I.Van Praet, F., Reasons for Conversion and Adverse Intraoperative Events in Robotically Enhanced Minimally Invasive Coronary Artery Revascularization. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2020;15;251-260	3
3364	A. S. Mejia, J.Vivian, E.Acharya, P., Analysis of 102 Fully Robotic Pancreaticoduodenectomies: Clinical and Financial Outcomes. Pancreas. 2020;49;668-674	12

3365	M. K. H. Rice, J. C.Bellon, J.Borrebach, J.Al Abbas, A. I.Hamad, A.Knab, L. M.Moser, A. J.Zureikat, A. H.Zeh, H. J.Hogg, M. E., Association of Mentorship and a Formal Robotic Proficiency Skills Curriculum With Subsequent Generations' Learning Curve and Safety for Robotic Pancreaticoduodenectomy. JAMA Surgery. 2020;155;607-615	3
3366	D. S. Edelman, Robotic Inguinal Hernia Repair. Surgical Technology International. 2020;36;99-104	3
3367	A. E. A. Abdelaal, A.Kalia, M.Hager, G. D.Salcudean, S. E., A multi-camera, multi-view system for training and skill assessment for robot-assisted surgery. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1369-1377	3
3368	F. D. F. Gilardi, F.Casasanta, D.Andellini, M.Gazzellini, S.Petrarca, M.Morocutti, A.Lettori, D.Ritrovato, M.Castelli, E.Raponi, M.Magnavita, N.Zaffina, S., Robotic Technology in Pediatric Neurorehabilitation. A Pilot Study of Human Factors in an Italian Pediatric Hospital. International Journal of Environmental Research & Public Health [Electronic Resource]. 2020;17;17	2
3369	R. C. S. Moon, A. R.Teixeira, A. F.Jawad, M. A., Feasibility and safety of robot-assisted bariatric conversions and revisions. Surgery for Obesity & Related Diseases. 2020;16;1080-1085	3
3370	P. A. S. Skupin, J. T.Malaeb, B. S.Barboglio-Romo, P.Ambani, S. N., Robotic Versus Open Ureteroneocystostomy: Is There a Robotic Benefit?. Journal of Endourology. 2020;34;1028-1032	12
3371	G. C. Houvenaeghel, M.Ribeiro, S. R.Barrou, J.Heinemann, M.Frayret, C.Lambaudie, E.Bannier, M., Robotic Nipple-Sparing Mastectomy and Immediate Breast Reconstruction With Robotic Latissimus Dorsi Flap Harvest: Technique and Results. Surgical Innovation. 2020;27;481-491	3
3372	A. A. T.-K. Berger, J.Menefee, S. A., Anchor vs suture for the attachment of vaginal mesh in a robotic-assisted sacrocolpopexy: a randomized clinical trial. American Journal of Obstetrics & Gynecology. 2020;223;258.e1-258.e8	3
3373	L. K. Gadus, J.Chmelik, F.Matejkova, M.Heracek, J., Robotic Partial Nephrectomy with Indocyanine Green Fluorescence Navigation. Contrast Media & Molecular Imaging. 2020;2020;1287530	3
3374	K. K. Aiko, K.Yanai, S.Masuda, S.Yasui, M.Ichikawa, F.Teishikata, Y.Shirane, T.Yoshino, Y.Sakate, S.Sawada, M.Shirane, A.Ota, Y.Andou, M., Short-term outcomes of robot-assisted versus conventional laparoscopic surgery for early-stage endometrial cancer: A retrospective, single-center study. Journal of Obstetrics & Gynaecology Research. 2020;46;1157-1164	13
3375	J. N. B. Bucher, K.Dietz, L. J.Trebesius, N.Hidding, J.Wysocki, M.Schoenberg, M. B.Werner, J.Karcz, K., A Robotic Camera Holder Controlled by Head Movements: Exploring This New Robot-Surgeon Interface. Surgical Innovation. 2020;27;499-506	2
3376	T. M. S. Patel, S. C.Soni, Y. Y.Radadiya, R. C.Patel, G. A.Tiwari, P. O.Pancholy, S. B., Comparison of Robotic Percutaneous Coronary Intervention With Traditional Percutaneous Coronary Intervention: A Propensity Score-Matched Analysis of a Large Cohort. Circulation: Cardiovascular Interventions. 2020;13;e008888	12
3377	T. I. Sato, A.Yutaka, Y.Yamada, Y.Nakajima, D.Ohsumi, A.Hamaji, M.Menju, T.Chen-Yoshikawa, T. F.Date, H., Is left-side DaVinci TM procedure challenging? Initial experiences of a single institute. General Thoracic & Cardiovascular Surgery. 2020;68;1285-1289	2
3378	M. L. G. Rynes, L.Schulman, D. S.Linn, S.Laroque, M.Dominguez, J.Navabi, Z. S.Sherman, P.Kodandaramaiah, S. B., Assembly and operation of an open-source, computer numerical controlled (CNC) robot for performing cranial microsurgical procedures. Nature Protocols. 2020;15;1992-2023	7

3379	A. M. Hosseini, A.Sjoberg, S.Laurin, O.Adding, C.Collins, J.Wiklund, P. N., Robot-assisted intracorporeal orthotopic bladder substitution after radical cystectomy: perioperative morbidity and oncological outcomes - a single-institution experience. BJU International. 2020;126;464-471	5
3380	X. F. Zhou, B.Zhang, C.Liu, W.Guo, J.Chen, L.Lei, E.Zhang, X.Wang, G., Transvesical robot-assisted radical prostatectomy: initial experience and surgical outcomes. BJU International. 2020;126;300-308	3
3381	M. A. C. M. Machado, F. F.Machado, M. C. C.Ardengh, J. C., Robotic Redo Pancreaticojejunostomy for Stenosis Following Pancreaticoduodenectomy: An Alternative Technique. Arquivos de Gastroenterologia. 2020;57;221-222	5
3382	Z. A. M. Abedali, M. F.Huddleston, P.Cleveland, B. E.Sulek, J.Bahler, C. D.Foster, R. S.Koch, M. O.Mellon, M. J.Kaimakliotis, H. Z.Cary, C.Bihrle, R.Gardner, T. A.Masterson, T. A.Boris, R. S.Sundaram, C. P., Robotic and open partial nephrectomy for intermediate and high complexity tumors: a matched-pairs comparison of surgical outcomes at a single institution. Scandinavian Journal of Urology. 2020;54;313-317	13
3383	R. C. H. Broderick, S.Fuchs, H. F., Robotic transhiatal esophagectomy. Diseases of the Esophagus. 2020;33;26	3
3384	R. F. H. Hwang, K. K., The Emergence of Robotic-assisted Breast Surgery: Proceed With Caution. Annals of Surgery. 2020;271;1013-1015	5
3385	B. K. P. K. Goh, T.Koh, Y. X.Teo, J. Y.Lee, S. Y.Kam, J. H.Cheow, P. C.Jeyaraj, P. R.Chow, P. K. H.Ooi, LlpjChung, A. Y. F.Chan, C. Y., Critical Appraisal of the Impact of Individual Surgeon Experience on the Outcomes of Minimally Invasive Distal Pancreatectomies: Collective Experience of Multiple Surgeons at a Single Institution. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2020;30;361-366	2
3386	A. W. Ghoreifi, G.Tran, K.Tejura, T.Liu, B.Cai, J.Lei, X.Cen, S.Aslzare, M.Burg, M.Desai, M.Aron, M.Gill, I.Duddalwar, V.Djaladat, H., Natural History of Radiologic Incisional Hernia Following Robotic Nephrectomy. Journal of Endourology. 2020;34;974-980	3
3387	J. Y. Luo, Y. J.Wang, X. D.Long, X. D.Lan, H.Li, K. N., Accuracy and Safety of Robot-Assisted Drilling Decompression for Osteonecrosis of the Femoral Head. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2020;12;784-791	12
3388	F. K. Ehret, M.Furweger, C.Haidenberger, A.Schichor, C.Tonn, J. C.Muacevic, A.Hempel, J. M., Single-session image-guided robotic radiosurgery and quality of life for glomus jugulare tumors. Head & Neck. 2020;42;2421-2430	3
3389	W. S. Kneist, H.Rheinwald, M., Da Vinci Single-Port robot-assisted transanal mesorectal excision: a promising preclinical experience. Surgical Endoscopy. 2020;34;3232-3235	7
3390	J. W. T. P. Toh, C.Tou, S.Chouhan, H.Pfeffer, F.Kim, S. H., Robotic low anterior resection: how to maximise success in difficult surgery. Techniques in Coloproctology. 2020;24;747-755	3
3391	R. Z. Li, S.Zhu, L., First Experience with the Use of "Micro Hand S" Surgical Robot in Sleeve Gastrectomy. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;810-814	3
3392	I. G. Sucandy, A.Spence, J.Ross, S.Rosemurgy, A., Robotic-Associating Microwave Liver Ablation with Portal Vein Ligation for Staged Hepatectomy: How I Do It. American Surgeon. 2020;86;e200-e201	5
3393	I. G. Sucandy, A.Spence, J.Ross, S.Rosemurgy, A., Robotic Partial Right Hepatectomy with Pretransection Microwave Coagulation: How We Approach It. American Surgeon. 2020;86;391-392	5

3394	H. Z. Aziz, M.Kaur, N.Emamaullee, J.Ahearn, A.Kulkarni, S.Genyk, Y.Selby, R. R.Sheikh, M. R., A Potential Role for Robotic Cholecystectomy in Patients with Advanced Liver Disease: Analysis of the NSQIP Database. American Surgeon. 2020;86;341-345	12
3395	M. P. Baimas-George, M. J.Lyman, W. B.Dries, A.Narang, T.Deal, S.Lewis, J.Chauhan, S.Martinie, J.Vrochides, D.Baker, E.Iannitti, D., A Single-Center Experience with Minimally Invasive Transgastric ERCP in Patients with Previous Gastric Bypass: Lessons Learned and Technical Considerations. American Surgeon. 2020;86;300-307	2
3396	G. F. Amirkhani, F.Yazdian, S. M.Mirbagheri, A., An extended algorithm for autonomous grasping of soft tissues during robotic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44576	3
3397	R. X. Zhao, P.Zhou, Y.Yang, H.Zhou, S.Wang, Y.Li, H., Application of Robot-Assisted Frameless Stereoelectroencephalography Based on Multimodal Image Guidance in Pediatric Refractory Epilepsy: Experience of a Pediatric Center in a Developing Country. World Neurosurgery. 2020;140;e161-e168	3
3398	M. P. Gribaudo, P.Porpiglia, F.Vezzetti, E.Violante, M. G., 3D augmentation of the surgical video stream: Toward a modular approach. Computer Methods & Programs in Biomedicine. 2020;191;105505	2
3399	A. S. S. Grosch, T.Schroder, T.Onken, J.Picht, T., Development and initial evaluation of a novel simulation model for comprehensive brain tumor surgery training. Acta Neurochirurgica. 2020;162;1957-1965	2
3400	A. V. Malpani, S. S.Lin, H. C.Hager, G. D.Taylor, R. H., Effect of real-time virtual reality-based teaching cues on learning needle passing for robot-assisted minimally invasive surgery: a randomized controlled trial. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1187-1194	3
3401	C. K. Wang, C.Andersen, S.D'Ettorre, C.Dwyer, G.Maneas, E.Edwards, P.Desjardins, A.Stilli, A.Stoyanov, D., Ultrasound 3D reconstruction of malignant masses in robotic-assisted partial nephrectomy using the PAF rail system: a comparison study. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1147-1155	7
3402	A. L. Aloisi, M. M., Jr., ASO Author Reflections: Robotically Assisted Gynecologic Surgery in the Frail Elderly: Analysis of Perioperative Outcomes. Annals of Surgical Oncology. 2020;27;3781-3782	5
3403	N. B. Ikoma, B. D.Mansfield, P., Fluorescent-Image Guidance in Robotic Subtotal Gastrectomy. Annals of Surgical Oncology. 2020;27;5322	3
3404	D. G. Sobel, M.O'Rourke, T. K., Jr.Tucci, C.Pareek, G.Golijanin, D.Elsamra, S., Personal Protective Equipment for Common Urologic Procedures Before and During the United States COVID-19 Pandemic: A Single Institution Study. Urology. 2020;141;44567	2
3405	Y. S. Mitsui, T.Watanabe, T.Araki, M.Maruyama, Y.Sato, R.Rodrigo, A. G. H.Wada, K.Watanabe, M.Chancellor, M. B.Nasu, Y., Correlation between lumbar skeletal muscle size and urinary incontinence after radical prostatectomy. Luts. 2020;12;245-252	2
3406	D. K. C. K. Tai, H. Y., ASO Author Reflections: The Application of Transoral Robotic Thyroidectomy (TORT) for Papillary Thyroid Carcinoma. Annals of Surgical Oncology. 2020;27;3849-3850	5
3407	H. H. N. Lee, J. C.Yoon, Y. E.Rha, K. H.Han, W. K., Robot-assisted laparoendoscopic single-site upper urinary tract surgery with da Vinci Xi surgical system: Initial experience. Investigative And Clinical Urology. 2020;61;323-329	5

3408	M. C. Hu, K.Zhang, X.Li, C.Song, D.Liu, R., Robotic, laparoscopic or open hemihepatectomy for giant liver haemangiomas over 10 cm in diameter. BMC Surgery. 2020;20;93	12
3409	A. B. Bahgat, Y.Alzahrani, R.Montevecchi, F.Cammaroto, G.Vicini, C., Transoral Endoscopic Coblation Tongue Base Surgery in Obstructive Sleep Apnea: Resection versus Ablation. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties. 2020;82;201-208	2
3410	G. B. Burstrom, M.Patriciu, A.Kyne, S.Popovic, A.Holthuizen, R.Homan, R.Skulason, H.Persson, O.Edstrom, E.Elmi-Terander, A., Feasibility and accuracy of a robotic guidance system for navigated spine surgery in a hybrid operating room: a cadaver study. Scientific Reports. 2020;10;7522	7
3411	C. M. P. Song, J. S.Park, H. J.Tae, K., Voice outcomes of transoral robotic thyroidectomy: Comparison with conventional trans-cervical thyroidectomy. Oral Oncology. 2020;107;104748	12
3412	A. A. Agnino, A., Robotic Mitral Valve Repair Through Nonresectional Posterior Leaflet Remodeling. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2020;15;272-274	3
3413	H. K. Tachibana, T.Yoshida, K.Takagi, T.Tanabe, K., Lower Incidence of Postoperative Acute Kidney Injury in Robot-Assisted Partial Nephrectomy Than in Open Partial Nephrectomy: A Propensity Score-Matched Study. Journal of Endourology. 2020;34;754-762	13
3414	J. F. M. Schiemer, D.Stumm, K.Hoffmann, K. P.Baumgart, J.Kneist, W., Translational development and pre-clinical evaluation of prototype gastrointestinal mock-up devices: only robotic placement of plastic?. Journal of Medical Engineering & Technology. 2020;44;108-113	5
3415	S. V. d. V. Hassid, S.Delahaut, G.Ambroise, J.Lawson, G., Transoral robotic surgery hypopharyngectomy (TORSH): feasibility and outcomes. European Archives of Oto-Rhino-Laryngology. 2020;277;2883-2892	3
3416	H. G. T. Zalzal, M. T., Robotic-assisted transmaxillary approach for removal of juvenile nasopharyngeal angiofibroma of the pterygopalatine and infratemporal fossa. Head & Neck. 2020;42;2745-2749	3
3417	H. N. Sato, S.Saito, M.Yamamoto, R.Koizumi, A.Nara, T.Kanda, S.Numakura, K.Inoue, T.Satoh, S.Abe, K.Habuchi, T., Acute kidney injury and its impact on renal prognosis after robot-assisted laparoscopic radical prostatectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44568	3
3418	J. L. Sesti, R. C.Bell, J.Nguyen, A.Turner, A. L.Hilden, P.Leshchuk, K.Dabrowski, M.Paul, S., A Comparative Analysis of Long-Term Survival of Robotic Versus Thoracoscopic Lobectomy. Annals of Thoracic Surgery. 2020;110;1139-1146	13
3419	R. W. Delara, M., Temporary oophoropexy and uteropexy during gynecologic surgery. American Journal of Obstetrics & Gynecology. 2020;223;279-280	2
3420	J. L. Yao, J.Hameed, A.Lee, T.Allen, R.Pleass, H.Yuen, L.Lam, V.Leslie, S.Kim, L.Lau, H., How to do it: a robotic kidney autotransplant. ANZ Journal of Surgery. 2020;90;1472-1473	3
3421	R. S. L. Howell, H. H.Petrone, P.Anduaga, M. F.Servide, M. J.Hall, K.Barkan, A.Islam, S.Brathwaite, C. E. M., Short-Term Outcomes in Patients Undergoing Paraesophageal Hiatal Hernia Repair. Scientific Reports. 2020;10;7366	7
3422	O. O. Sen, B.Aydin, U.Kadirogullari, E.Kahraman, Z.Basgoze, S., Robotic-assisted cardiac surgery without lung isolation utilizing single-lumen endotracheal tube intubation. Journal of Cardiac Surgery. 2020;35;1267-1274	3

3423	I. W. Nassour, S. B.Hoehn, R.Tohme, S.Adam, M. A.Bartlett, D. L.Lee, K. K.Paniccia, A.Zureikat, A. H., Long-term oncologic outcomes of robotic and open pancreatectomy in a national cohort of pancreatic adenocarcinoma. Journal of Surgical Oncology. 2020;122;234-242	12
3424	M. A. O. Ahmad, M.Gruijthuijsen, C.Deprest, J.Vercauteren, T.Vander Poorten, E., Deep learning-based monocular placental pose estimation: towards collaborative robotics in fetoscopy. International Journal of Computer Assisted Radiology & Surgery. 2020;15;1561-1571	3
3425	E. S. W. Lundin, N. B.Nilsson, L.Theodorsson, E.Ernerudh, J.Kjolhede, P., Markers of tissue damage and inflammation after robotic and abdominal hysterectomy in early endometrial cancer: a randomised controlled trial. Scientific Reports. 2020;10;7226	4
3426	L. S. Martinek, M.Bergamaschi, R., Right hemicolectomy - from laparoscopic facilitated technique to robotic intracorporeal anastomosis. Rozhledy V Chirurgii. 2020;99;110-115	6
3427	G. L. Cammarota, G.Santangelo, E.Sguazzotti, I.Perucca, R.Verdina, F.Boniolo, E.Tarquini, R.Bignami, E.Mongodi, S.Arisi, E.Orlando, A.Della Corte, F.Vaschetto, R.Mojoli, F., Mechanical Ventilation Guided by Uncalibrated Esophageal Pressure May Be Potentially Harmful. Anesthesiology. 2020;133;145-153	2
3428	D. O. Coletta, P.Parrino, C.Oddi, A.D'Annibale, M.Perri, P.De Peppo, V.Grazi, G. L., Robotic Liver Resections: Application of Difficulty Score Systems to an Initial Experience. Is a Specific Robotic Difficulty Score Necessary?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;1177-1182	5
3429	R. W. Mistry, A.Kim, D.Ofo, E., Transoral robotic surgery for the benefit of patients with head and neck cancer of unknown primary: our experience at St George's University Hospital, London. Annals of the Royal College of Surgeons of England. 2020;102;442-450	3
3430	X. L. Xie, K.Wang, J.Wang, C.Xiang, B., Comparison of pediatric choledochal cyst excisions with open procedures, laparoscopic procedures and robot-assisted procedures: a retrospective study. Surgical Endoscopy. 2020;34;3223-3231	12
3431	G. L. Cammarota, G.Sguazzotti, I.Mariano, I.Perucca, R.Messina, A.Zanoni, M.Garofalo, E.Bruni, A.Della Corte, F.Navalesi, P.Bignami, E.Vaschetto, R.Mojoli, F., Esophageal Pressure Versus Gas Exchange to Set PEEP During Intraoperative Ventilation. Respiratory Care. 2020;65;625-635	2
3432	T. K. Yamamoto, K.Kiyasu, Y.Itatani, Y.Mizuno, R.Hida, K.Sakai, Y., Prediction of surgical difficulty in minimally invasive surgery for rectal cancer by use of MRI pelvimetry. Bjs Open. 2020;4;666-677	2
3433	V. L. Y. C. Chow, J. Y. W.Ho, V. W. Y.Lee, G. C. C.Wong, M. M. K.Wong, S. T. S.Gao, W., Conservation of personal protective equipment for head and neck cancer surgery during COVID-19 pandemic. Head & Neck. 2020;42;1187-1193	2
3434	T. A. Petropoulou, S., A difficult case of robotic splenic-flexure mobilization, performed by a trainee surgeon with a dual Davinci console. Techniques in Coloproctology. 2020;24;891	1
3435	G. P. Yang, Z.Jamal Deen, M.Dong, M.Zhang, Y. T.Lovell, N.Rahmani, A. M., Homecare Robotic Systems for Healthcare 4.0: Visions and Enabling Technologies. IEEE Journal of Biomedical & Health Informatics. 2020;24;2535-2549	3
3436	A. M. A. Gonabadi, P.Malcolm, P., A System for Simple Robotic Walking Assistance With Linear Impulses at the Center of Mass. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2020;28;1353-1362	3
3437	M. S. Pastrana, J.AlMandini, A.El Chaar, M., Evolution of outcomes of robotic bariatric surgery: first report based on MBSAQIP database. Surgery for Obesity & Related Diseases. 2020;16;916-922	12

3438	H. J. L. Lee, J. S.Lee, Y. S., Comparison of serum antimullerian hormone levels after robotic-assisted vs. laparoscopic approach for ovarian cystectomy in endometrioma. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2020;249;44817	13
3439	D. H. C. Han, S. H.Kang, C. M.Lee, W. J., Propensity score-matching analysis for single-site robotic cholecystectomy versus single-incision laparoscopic cholecystectomy: A retrospective cohort study. International Journal Of Surgery. 2020;78;138-142	12
3440	A. A. T. Momin, A. J.Marc Gillinov, A.Wierup, P.Mick, S. L., Exploring ventricular dysfunction and poor venous drainage during robotic mitral valve surgery. Journal of Cardiac Surgery. 2020;35;1253-1257	3
3441	S. H. Morizane, M.Shimizu, R.Teraoka, S.Nishikawa, R.Tsounapi, P.Kimura, Y.Iwamoto, H.Hikita, K.Takenaka, A., Small-volume lymph node involvement and biochemical recurrence after robot-assisted radical prostatectomy with extended lymph node dissection in prostate cancer. International Journal of Clinical Oncology. 2020;25;1398-1404	3
3442	D. D. Shen, S.Huang, Q.Gao, Y.Fan, Y.Gu, L.Liu, K.Peng, C.Xuan, Y.Li, P.Li, H.Ma, X.Zhang, X.Wang, B., A modified sequential vascular control strategy in robot-assisted level III-IV inferior vena cava thrombectomy: initial series mimicking the open 'milking' technique principle. BJU International. 2020;126;447-456	3
3443	D. P. Walters, M.Reeves, R.Ang, L.Al Khiami, B.Mahmud, E., Planned Robotic Chronic Total Occlusion Percutaneous Coronary Intervention: Feasibility Report. Journal of Invasive Cardiology. 2020;32;201-205	3
3444	A. T. Aloisi, J.Kuhn, T.Feinberg, J.Chi, D. S.Brown, C. L.Mueller, J. J.Gardner, G. J.Zivanovic, O.Jewell, E. L.Long Roche, K.Broach, V.Abu-Rustum, N. R.Leitao, M. M., Jr., Robotic Surgery in the Frail Elderly: Analysis of Perioperative Outcomes. Annals of Surgical Oncology. 2020;27;3772-3780	3
3445	M. W. Baimas-George, M.Murphy, K. J.Iannitti, D.Baker, E.Ocuin, L.Vrochides, D.Martinie, J. B., Robotic pancreaticoduodenectomy may offer improved oncologic outcomes over open surgery: a propensity-matched single-institution study. Surgical Endoscopy. 2020;34;3644-3649	12
3446	D. K. L. Halpern, H. H.Howell, R. S.Halpern, R. M.Akerman, M.Conlon, J.Weidler, C., Neural Monitoring for Robotic Abdominal Wall Reconstruction. Journal of the Society of Laparoendoscopic Surgeons. 2020;24;Apr-Jun	3
3447	A. W. Mattei, C.Baumeister, P.Hyseni, A.Afferi, L.Moschini, M.Mordasini, L.Grande, P., Standardized and Simplified Robot-assisted Superextended Pelvic Lymph Node Dissection for Prostate Cancer: The Monoblock Technique. European Urology. 2020;78;424-431	3
3448	A. J. Netter, C.Brun, C.Sabiani, L.Blache, G.Houvenaeghel, G.Lambaudie, E., Choosing the most appropriate minimally invasive approach to treat gynecologic cancers in the context of an enhanced recovery program: Insights from a comprehensive cancer center. PLoS ONE [Electronic Resource]. 2020;15;e0231793	13
3449	J. X. Wang, S.Fan, S.Yang, K.Huang, B.Zhang, D.Zhu, H.Ji, M.Chen, J.Sun, J.Zhang, P.Li, X., Appendiceal Onlay Flap Ureteroplasty for the Treatment of Complex Ureteral Strictures: Initial Experience of Nine Patients. Journal of Endourology. 2020;34;874-881	5
3450	D. S. Ostler, M.Fuchtmann, J.Samm, N.Feussner, H.Wilhelm, D.Navab, N., Acoustic signal analysis of instrument-tissue interaction for minimally invasive interventions. International Journal of Computer Assisted Radiology & Surgery. 2020;15;771-779	2
3451	J. Y. K. Wu, P.Unberath, M., Leveraging vision and kinematics data to improve realism of biomechanic soft tissue simulation for robotic surgery. International Journal of Computer Assisted Radiology & Surgery. 2020;15;811-818	3

3452	J. Z. Luo, L.Lin, S.Yan, W.Huang, L.Liang, S., Beneficial effect of fluid warming in elderly patients with bladder cancer undergoing Da Vinci robotic-assisted laparoscopic radical cystectomy. Clinics (Sao Paulo, Brazil). 2020;75;e1639	2
3453	K. T. F. Sentell, M. C.Abaza, R., Near-infrared fluorescence imaging for intraoperative margin assessment during robot-assisted partial nephrectomy. BJU International. 2020;126;259-264	3
3454	W. S. Du, T.Ding, Y.Jiang, C.Qu, W.Zhang, S., Robot-assisted treatment of unstable pelvic fractures with a percutaneous iliac lumbar double rod fixation combined with a percutaneous pelvic anterior ring INFIX fixation. International Orthopaedics. 2020;44;1223-1232	3
3455	X. Y. Kong, M.Li, X.Ni, M.Zhang, G.Chen, J.Chai, W., Impact of surgeon handedness in manual and robot-assisted total hip arthroplasty. Journal of Orthopaedic Surgery. 2020;15;159	3
3456	L. J. Wei, S.Yang, Z.Zhang, G.Ma, L., A CT-guided robotic needle puncture method for lung tumours with respiratory motion. Physica Medica. 2020;73;48-56	3
3457	M. N. Bhandari, A. R.Reddiboina, M.Porter, J. R.Jeong, W.Mottrie, A.Dasgupta, P.Challacombe, B.Abaza, R.Rha, K. H.Parekh, D. J.Ahlawat, R.Capitanio, U.Yuvaraja, T. B.Rawal, S.Moon, D. A.Buffi, N. M.Sivaraman, A.Maes, K. K.Porpiglia, F.Gautam, G.Turkeri, L.Meyyazhgan, K. R.Patil, P.Menon, M.Rogers, C., Predicting intra-operative and postoperative consequential events using machine-learning techniques in patients undergoing robot-assisted partial nephrectomy: a Vattikuti Collective Quality Initiative database study. BJU International. 2020;126;350-358	3
3458	C. L. M. Puccinelli, E. J.Yin, L. X.Price, D. L.Janus, J. R.Weingarten, T. N.Van Abel, K. M., Anesthesia for TORS for Oropharyngeal Carcinoma: Factors Associated with Prolonged Phase I Postanesthesia Recovery. Otolaryngology - Head & Neck Surgery. 2020;163;531-537	2
3459	G. B. Torregrossa, H. H., The role of robotic totally endoscopic coronary artery bypass in the future of coronary artery revascularization. European Journal of Cardio-Thoracic Surgery. 2020;58;217-220	5
3460	C. M. Wunker, G., Use of Robotic Technology in the Management of Complex Colorectal Pathology. Missouri Medicine. 2020;117;149-153	3
3461	J. P. Riikonen, T.Siltari, A.Pienimaki, J. P.Koskimaki, J.Murtola, T. J., Urine colour as an indicator for anastomotic leakage after robot-assisted radical prostatectomy. Scandinavian Journal of Urology. 2020;54;201-207	5
3462	A. A. E. Hussein, A. S.Aldhaam, N. A.Jing, Z.Peabody, J. O.Wijburg, C. J.Wagner, A.Canda, A. E.Khan, M. S.Scherr, D.Schanne, F.Maatman, T. J.Kim, E.Mottrie, A.Aboumohamed, A.Gaboardi, F.Pini, G.Kaouk, J.Yuh, B.Rha, K. H.Hemal, A.Palou Redorta, J.Badani, K.Saar, M.Stockle, M.Richstone, L.Roupret, M.Balbay, D.Dasgupta, P.Menon, M.Guru, K. A., A comparative propensity score-matched analysis of perioperative outcomes of intracorporeal vs extracorporeal urinary diversion after robot-assisted radical cystectomy: results from the International Robotic Cystectomy Consortium. BJU International. 2020;126;265-272	3
3463	K. M. Wang, X.Xu, H.Lu, Q.Yan, W., A novel SEA-based haptic force feedback master hand controller for robotic endovascular intervention system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;44571	3
3464	M. K. Kubota, H.Yamaguchi, R.Murata, S.Makita, N.Suzuki, I.Suzuki, R.Abe, Y.Tohi, Y.Tsutsumi, N.Sugino, Y.Inoue, K.Kawakita, M., Atypical oncologic failure after laparoscopic and robot-assisted radical cystectomy at a single institution. International Journal of Clinical Oncology. 2020;25;1385-1392	2
3465	Y. C. Byun, Y. J.Kang, J. S.Han, Y.Kim, H.Kwon, W.Jang, J. Y., Robotic extended cholecystectomy in gallbladder cancer. Surgical Endoscopy. 2020;34;3256-3261	3

3466	R. M. A. Abazid, C.Warrington, J. C.Romsa, J. G.Stodilka, R. Z.Kiaii, B.Fox, S.Vezina, W. C., Boot-Shaped Heart After Robotic Coronary Assist Bypass Surgery. Jacc: Cardiovascular Imaging. 2020;13;2430-2434	5
3467	T. H. Shi, Q.Liu, K.Du, S.Fan, Y.Yang, L.Peng, C.Shen, D.Wang, Z.Gao, Y.Gu, L.Niu, S.Ai, Q.Li, H.Liu, F.Li, Q.Wang, H.Guo, A.Fu, B.Yang, X.Zhang, X.Wang, D.Wang, D.Guo, H.Li, H.Olivero, A.Fam, X. I.Ma, X.Wang, B.Zhang, X., Robot-assisted Cavectomy Versus Thrombectomy for Level II Inferior Vena Cava Thrombus: Decision-making Scheme and Multi-institutional Analysis. European Urology. 2020;78;592-602	3
3468	M. L. Lee, Z.Eun, D. D., Utilization of a Peritoneal Interposition Flap to Prevent Symptomatic Lymphoceles After Robotic Radical Prostatectomy and Bilateral Pelvic Lymph Node Dissection. Journal of Endourology. 2020;34;821-827	3
3469	A. B. Aghayeva, B., Robotic sphincter saving rectal cancer surgery: A learning curve analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2112	1
3470	W. W. P. Kim, C. S.Lee, J.Jung, J. H.Park, H. Y.Tufano, R. P., Real Scarless Transoral Robotic Thyroidectomy Using Three Ports Without Axillary Incision. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;1165-1171	5
3471	G. R. P. Hale, F.Xu, S.Bakhutashvili, I.Glossop, N.Turkbey, B.Pinto, P. A.Wood, B. J., Tracked Foley catheter for motion compensation during fusion image-guided prostate procedures: a phantom study. European Radiology Experimental. 2020;4;24	2
3472	S. P. S. Ye, J.Liu, D. N.Jiang, Q. G.Lei, X.Tang, B.He, P. H.Zhu, W. Q.Tang, H. C.Li, T. Y., Robotic- versus laparoscopic-assisted distal gastrectomy with D2 lymphadenectomy for advanced gastric cancer based on propensity score matching: short-term outcomes at a high-capacity center. Scientific Reports. 2020;10;6502	12
3473	T. J. S. Shin, C.Kim, C. S.Ahn, H., Surgical details and renal function change after robot-assisted partial nephrectomy. International Journal of Urology. 2020;27;457-462	3
3474	A. A. Brassetti, U.Bertolo, R.Ferriero, M.Tuderti, G.Costantini, M.Capitanio, U.Larcher, A.Antonelli, A.Mottrie, A.Minervini, A.Dell'oglio, P.Veccia, A.Amparore, D.Flammia, R. S.Lombardo, R.De Nunzio, C.Benecchi, L.Mari, A.Porpiglia, F.Montorsi, F.Kaouk, J.Autorino, R.Gallucci, M.Simone, G., Comprehensive long-term assessment of outcomes following robot-assisted partial nephrectomy for renal cell carcinoma: the ROMe's achievement and its predicting nomogram. Minerva Urologica e Nefrologica. 2020;72;482-489	3
3475	M. T. Ohi, Y.Ichikawa, T.Kitajima, T.Imaoka, H.Yasuda, H.Okugawa, Y.Fujikawa, H.Okita, Y.Yokoe, T.Hiro, J.Kusunoki, M., Billroth-I Reconstruction with Overlap Anastomosis Using an EndoWrist Linear Stapler After Robotic Distal Gastrectomy. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;1117-1121	3
3476	B. K. Bednarski, Minimally invasive rectal surgery: Laparoscopy, robotics, and transanal approaches. Journal of Surgical Oncology. 2020;122;78-84	5
3477	Y. X. Chang, W.Lu, X.Zhou, Y.Ji, M.Xiao, Y. T.Sun, Y.Ren, S., Robotic Perineal Radical Prostatectomy: Initial Experience with the da Vinci Si Robotic System. Urologia Internationalis. 2020;104;710-715	3
3478	E. M. P. Marone, A.Argenti, F.Pugliese, L.Rinaldi, L. F.Pietrabissa, A., Robotic Treatment of Complex Splenic Artery Aneurysms with Deep Hilar Location: Technical Insights and Midterm Results. Annals of Vascular Surgery. 2020;68;50-56	3

3479	T. F. Shiinoki, F.Fujimoto, K.Yuasa, Y.Sera, T., A novel dynamic robotic moving phantom system for patient-specific quality assurance in real-time tumor-tracking radiotherapy. Journal of Applied Clinical Medical Physics. 2020;21;16-28	7
3480	H. T. S. Vigneswaran, L. S.Francavilla, S.Abern, M. R.Crivellaro, S., A Comparison of Perioperative Outcomes Between Single-port and Multiport Robot-assisted Laparoscopic Prostatectomy. European Urology. 2020;77;671-674	3
3481	D. F. Nasioudis, M. K.Chapman-Davis, E.Caputo, T. A.Holcomb, K., Outcomes of minimally invasive surgery for patients with endometrial carcinoma involving the cervix. International Journal of Gynecological Cancer. 2020;30;619-625	2
3482	A. J. B. A. Smith, A.Chaves, K. F.Borahay, M. A., Association of demographic, clinical, and hospital-related factors with use of robotic hysterectomy for benign indications: A national database study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2107	3
3483	A. H. Schwarz, M. K.Pereira, J.Ofner, P.Muller-Putz, G. R., Decoding hand movements from human EEG to control a robotic arm in a simulation environment. Journal of Neural Engineering. 2020;17;36010	2
3484	M. K. Balicki, S.Toporek, G.Holthuizen, R.Homan, R.Popovic, A.Burstrom, G.Persson, O.Edstrom, E.Elmi-Terander, A.Patriciu, A., Design and control of an image-guided robot for spine surgery in a hybrid OR. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2108	7
3485	X. Y. Kong, M.Jerabek, S.Zhang, G.Chen, J.Chai, W., A retrospective study comparing a single surgeon's experience on manual versus robot-assisted total hip arthroplasty after the learning curve of the latter procedure - A cohort study. International Journal Of Surgery. 2020;77;174-180	12
3486	D. K. C. K. Tai, H. Y.Park, D.Russell, J. O.Tufano, R. P.Kandil, E., Does Tumor Size Affect Surgical Outcomes of Transoral Robotic Thyroidectomy for Patients with Papillary Thyroid Carcinoma? A Retrospective Cohort Study. Annals of Surgical Oncology. 2020;27;3842-3848	3
3487	J. S. T. Klebanoff, P.Nishikawa, M.North, A.Amdur, R.Sparks, A.Kazma, J. M.Moawad, G. N., Cost variance across obesity class for women undergoing laparoscopic hysterectomy by high-volume gynecologic surgeons. Journal of Robotic Surgery. 2020;14;903-907	2
3488	L. D. Yongqi, Z.Hongzi, W.Ke, Z.Rui, Y.Zhou, F.Shaobo, W.Yi, L., Minimally invasive versus conventional fixation of tracer in robot-assisted pedicle screw insertion surgery: a randomized control trial. BMC Musculoskeletal Disorders. 2020;21;208	3
3489	F. M. Gharagozloo, M.Tempesta, B., Robotic Staged Bilateral Selective Postganglionic Sympathectomy for Upper-Extremity Hyperhidrosis. Surgical Technology International. 2020;36;265-269	3
3490	T. M. P. Gall, T. D.Cunningham, D.Nicol, D.Jiao, L. R., Transition from open and laparoscopic to robotic pancreaticoduodenectomy in a UK tertiary referral hepatobiliary and pancreatic centre - Early experience of robotic pancreaticoduodenectomy. HPB. 2020;22;1637-1644	12
3491	G. V. Cammaroto, C.Montevecchi, F.Bonsembiante, A.Meccariello, G.Bresciani, L.Pelucchi, S.Capaccio, P., Submandibular gland excision: From external surgery to robotic intraoral and extraoral approaches. Oral Diseases. 2020;26;853-857	3
3492	C. J. H. Yang, J.Shah, S. A.Liou, D.Wang, H.Backhus, L. M.Lui, N. S.D'Amico, T. A.Shrager, J. B.Berry, M. F., A national analysis of open versus minimally invasive thymectomy for stage I to III thymoma. Journal of Thoracic & Cardiovascular Surgery. 2020;160;555-567.e15	2
3493	G. K. Zhang, Y.Zhang, H.Wang, F.Liu, R., Robotic radical antegrade modular pancreatosplenectomy (RAMPS) versus standard retrograde pancreatosplenectomy (SRPS): study protocol for a randomized controlled trial. Trials [Electronic Resource]. 2020;21;306	11

3494	A. R. Tang, S.Bribriesco, A. C.Raymond, D. P.Sudarshan, M.Murthy, S. C.Ahmad, U., Robotic Approach Offers Similar Nodal Upstaging to Open Lobectomy for Clinical Stage I Non-small Cell Lung Cancer. Annals of Thoracic Surgery. 2020;110;424-433	13
3495	H. H. R. Bendre, A.Barbosa, P. V.Wason, S. E. L., Robotic dismembered pyeloplasty surgical simulation using a 3D-printed silicone-based model: development, face validation and crowdsourced learning outcomes assessment. Journal of Robotic Surgery. 2020;14;897-902	1
3496	A. I. S. Tasci, A.Sam, E.Seker, K. G.Atar, F. A.Sahin, S.Tugcu, V., Gasless robotic perineal radical prostatectomy: Experience of the first 12 cases. Archivos Espanoles de Urologia. 2020;73;236-241	3
3497	H. W. C. Lai, S. T.Mok, C. W.Lin, Y. J.Wu, H. K.Lin, S. L.Chen, D. R.Kuo, S. J., Robotic versus conventional nipple sparing mastectomy and immediate gel implant breast reconstruction in the management of breast cancer- A case control comparison study with analysis of clinical outcome, medical cost, and patient-reported cosmetic results. Journal of Plastic, Reconstructive & Aesthetic Surgery: JPRAS. 2020;73;1514-1525	12
3498	J. A. Margenthaler, Robotic Mastectomy-Program Malfunction?. JAMA Surgery. 2020;155;461-462	5
3499	P. C. Khetrapal, S.Kelly, J. D.Catto, J. W. F., Comparing open-radical cystectomy and robot-assisted radical cystectomy: current status and analysis of the evidence. Current Opinion in Urology. 2020;30;400-406	8
3500	M. K. Numata, K.Onodera, A.Hara, K.Atsumi, Y.Okamoto, H.Aoyama, T.Tamagawa, H.Godai, T.Saeki, H.Yukawa, N.Shiozawa, M.Rino, Y.Masuda, M., Short-term Outcomes Following Robotic-assisted Laparoscopic Surgery for Technically Demanding Rectal Cancer. Anticancer Research. 2020;40;2337-2342	12
3501	P. S. Piver, C.Durand, L. M.Aubard, Y.Tardieu, A.Gauthier, T., Robot-assisted laparoscopic auto-graft of patchwork ovarian cortex in two steps. Journal of Gynecology Obstetrics and Human Reproduction. 2020;49;101730	3
3502	A. W. A. Bradshaw, R.Simone, G.Yang, B.Uzzo, R. G.Porpiglia, F.Capitanio, U.Porter, J.Bertolo, R.Minervini, A.Lau, C.Jacobsohn, K.Ashrafi, A.Eun, D.Mottrie, A.White, W. M.Schips, L.Challacombe, B. J.De Cobelli, O.Mir, C. M.Veccia, A.Larcher, A.Kutikov, A.Aron, M.Dasgupta, P.Montorsi, F.Gill, I. S.Sundaram, C. P.Kaouk, J.Derweesh, I. H., Robotic partial nephrectomy vs minimally invasive radical nephrectomy for clinical T2a renal mass: a propensity score-matched comparison from the ROSULA (Robotic Surgery for Large Renal Mass) Collaborative Group. BJU International. 2020;126;114-123	2
3503	H. M. P. Le, P. T.Lin, C.Jiajun, L.Phee, S. J., A Temperature-Dependent, Variable-Stiffness Endoscopic Robotic Manipulator with Active Heating and Cooling. Annals of Biomedical Engineering. 2020;48;1837-1849	3
3504	S. S. Shibasaki, K.Nakauchi, M.Nakamura, K.Kikuchi, K.Inaba, K.Uyama, I., Non-robotic minimally invasive gastrectomy as an independent risk factor for postoperative intra-abdominal infectious complications: A single-center, retrospective and propensity score-matched analysis. World Journal of Gastroenterology. 2020;26;1172-1184	12
3505	E. C. L. Lee, R. S.Glassman, L. R.Singh, V. A.Jurado, J. E.Hyman, K. M.Patton, B. D.Zeltsman, D.Scheinerman, J. S.Hartman, A. R.Lee, P. C., Switching from Thoracoscopic to Robotic Platform for Lobectomy: Report of Learning Curve and Outcome. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2020;15;235-242	13
3506	B. K. Kayani, S.Ahmed, S. S.Chang, J. S.Ayuob, A.Haddad, F. S., The effect of anterior cruciate ligament resection on knee biomechanics. Bone & Joint Journal. 2020;102-B;442-448	2

3507	M. R. Lacki, C., Design and Control of a 3 Degree-of-Freedom Parallel Passive Haptic Device. IEEE Transactions on Haptics. 2020;13;720-732	2
3508	L. K. Prokhorenko, D.Mishchenkov, D.Poduraev, Y., Surgeon-robot interface development framework. Computers in Biology & Medicine. 2020;120;103717	3
3509	I. W. Sucandy, J.Schlosser, S.Lippert, T.Spence, J.Ross, S.Rosemurgy, A., Institutional Experience of Robotic Liver Resection: Outcome Comparison with NSQIP Data. American Surgeon. 2020;86;e156-e158	5
3510	S. R. Alharthi, M.Arishi, A.Ahmed, A. M.Chulkov, M.Qu, W.Ortiz, J.Nazzal, M.Pannell, S., Robotic versus Laparoscopic Sigmoid Colectomy: Analysis of Healthcare Cost and Utilization Project Database. American Surgeon. 2020;86;256-260	12
3511	I. G. Sucandy, A.Ross, S.Rosemurgy, A., Institutional First 100 Case Experience and Outcomes of Robotic Hepatectomy for Liver Tumors. American Surgeon. 2020;86;200-207	3
3512	M. I. Di Luca, G.Montevecchi, F.Magliulo, G.De Vito, A.Cocuzza, S.Maniaci, A.Meccariello, G.Cammaroto, G.Sgarzani, R.Ferlito, S.Vicini, C., Use of the transoral robotic surgery to treat patients with recurrent lingual tonsillitis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2106	3
3513	T. O. Ogawa, S.Akino, M.Hanayama, C.Ishido, H.Murakawa, M., The predictive performance of propofol target-controlled infusion during robotic-assisted laparoscopic prostatectomy with CO₂ pneumoperitoneum in the head-down position. Journal of Anesthesia. 2020;34;397-403	3
3514	J. C. Balbona, L.Malafa, M. P.Hodul, P. J.Dineen, S. P.Mehta, R.Mhaskar, R. S.Pimiento, J. M., Outcomes of Gastric Resection in the Establishment of a Comprehensive Oncologic Robotic Program. Journal of Surgical Research. 2020;252;30-36	12
3515	C. K. Palumbo, S.Pecoraro, A.Rosiello, G.Luzzago, S.Deuker, M.Tian, Z.Shariat, S. F.Simeone, C.Briganti, A.Saad, F.Berruti, A.Antonelli, A.Karakiewicz, P. I., Differences in short-term outcomes between open versus robot-assisted radical cystectomy in frail malnourished patients. European Journal of Surgical Oncology. 2020;46;1347-1352	2
3516	Y. F. Li, Y.Li, W.Xu, L.Zhang, Q.Gao, J.Li, D.Li, X.Qiu, X.Guo, H., Tumour location determined by preoperative MRI is an independent predictor for positive surgical margin status after Retzius-sparing robot-assisted radical prostatectomy. BJU International. 2020;126;152-158	3
3517	I. M. R. Mehedi, K. P., Surgical robotic arm control for tissue ablation. Journal of Robotic Surgery. 2020;14;881-887	3
3518	S. L. Zhang, T.Liu, G.Zhang, S.Guo, H., Comparisons of the safety and effectiveness of robot-assisted versus laparoscopic partial nephrectomy for large angiomyolipomas: a propensity score-matched analysis. International Urology & Nephrology. 2020;52;1675-1682	13
3519	S. N. Manciu, G. A.Diaconu, A.Colita, A.Dragomir, M. P.Purnichescu-Purtan, R.Tudor, S.Vasilescu, C., Long-Term Evaluation of the Outcomes of Subtotal Laparoscopic and Robotic Splenectomy in Hereditary Spherocytosis. World Journal of Surgery. 2020;44;2220-2228	3
3520	J. J. J. Eid, A.Macedo, F. I.Sabir, M.Mittal, V. K., Robotic Cholecystectomy Is a Safe Educational Alternative to Laparoscopic Cholecystectomy During General Surgical Training: A Pilot Study. Journal of Surgical Education. 2020;77;1266-1270	12
3521	J. R. M. Tymon-Rosario, D. T.Novetsky, A. P.Goldberg, G. L.Nevadunsky, N. S.Makhija, S. K.Kuo, D. Y.Van Arsdale, A. R., Risk factors associated with delayed discharge following robotic assisted surgery for gynecologic malignancy. Gynecologic Oncology. 2020;157;723-728	5

3522	D. K. Park, H. Y.Kim, H. K.You, J. Y.Dionigi, G.Russell, J. O.Tufano, R. P., Institutional experience of 200 consecutive papillary thyroid carcinoma patients in transoral robotic thyroidectomy surgeries. Head & Neck. 2020;42;2106-2114	3
3523	V. M. Topsakal, M.Assadi, M. Z.Mertens, G.Rompaey, V. V.Van de Heyning, P., Comparison of the Surgical Techniques and Robotic Techniques for Cochlear Implantation in Terms of the Trajectories Toward the Inner Ear. The Journal of International Advanced Otology. 2020;16;44627	3
3524	N. P. Passoni, C. A., Robotic Ureteral Reimplantation. Journal of Endourology. 2020;34;S31-S34	3
3525	P. J. Adamczyk, K.Kadlubowski, M.Ostrowski, A.Maciukiewicz, P.Drewa, T., Can laparoscopic cystectomy become the method of choice in the treatment of invasive urothelial urinary bladder cancer?. Advances in Clinical & Experimental Medicine. 2020;29;301-306	2
3526	Y. O. Zhang, W.Xu, H.Luan, Y.Yang, J.Lu, Y.Hu, J.Liu, Z.Yu, X.Guan, W.Hu, Z.Wang, S.Ye, Z.Li, H., A Comparison of Robot-Assisted Laparoscopic Ureteral Reimplantation and Conventional Laparoscopic Ureteral Reimplantation for the Management of Benign Distal Ureteral Stricture. Urology Journal. 2020;17;252-256	12
3527	Y. M. K. Park, D. H.Kang, M. S.Lim, J. Y.Choi, E. C.Kim, S. H.Koh, Y. W., Establishing the robotic surgery procedure and techniques for head and neck tumors: a single surgeon's experience of 945 cases. Journal of Robotic Surgery. 2020;14;871-880	3
3528	M. P. Arcerito, M. G.Kaur, H.Annoreno, K. M.Moon, J. T., Robotic Fundoplication for Large Paraesophageal Hiatal Hernias. Journal of the Society of Laparoendoscopic Surgeons. 2020;24;Jan-Mar	5
3529	E. J. W. Baker, P. S.Peacock, O.Narasimhan, V.Larach, T.McCormick, J.Heriot, A. G.Warrier, S.Lynch, C., Robotic transanal minimally invasive surgery - technical, oncological and patient outcomes from a single institution. Colorectal Disease. 2020;22;1422-1428	5
3530	T. d. l. T. Hassan, A.Ingels, A., Right robot-assisted partial adrenalectomy for pheochromocytoma with video. Journal of visceral surgery. 2020;157;259-260	5
3531	M. D.-K. Brannstrom, P.Kvarnstrom, N.Akouri, R.Rova, K.Olausson, M.Groth, K.Ekberg, J.Enskog, A.Sheikhi, M.Molne, J.Bokstrom, H., Live birth after robotic-assisted live donor uterus transplantation. Acta Obstetricia et Gynecologica Scandinavica. 2020;99;1222-1229	5
3532	O. S. Cohen, J. T.Zhao, L.Levine, J.Bluebond-Langner, R., Use of a Split Pedicled Gracilis Muscle Flap in Robotically Assisted Vaginectomy and Urethral Lengthening for Phalloplasty: A Novel Technique for Female-to-Male Genital Reconstruction. Plastic & Reconstructive Surgery. 2020;145;1512-1515	3
3533	K. I. P. Albers, F.Loonen, T.Graat, L. J.Mulier, J. P.Snoeck, M. M.Panhuizen, I. F.Vermulst, A. A.Scheffer, G. J.Warle, M. C., Visualising improved peritoneal perfusion at lower intra-abdominal pressure by fluorescent imaging during laparoscopic surgery: A randomised controlled study. International Journal Of Surgery. 2020;77;44786	2
3534	R. F. Bustos, E.Mangano, A.Aguiluz, G.Valle, V.Masrur, M.Bianco, F.Giulianotti, P. C., Robotic hepaticojejunostomy: surgical technique and risk factor analysis for anastomotic leak and stenosis. HPB. 2020;22;1442-1449	5
3535	K. M. Y. Van Abel, L. X.Price, D. L.Janus, J. R.Kasperbauer, J. L.Moore, E. J., One-year outcomes for da Vinci single port robot for transoral robotic surgery. Head & Neck. 2020;42;2077-2087	3
3536	X. Z. Li, H.Jia, Z.Wang, Y.Song, Y.Liao, L.Zhang, X., Urinary continence outcomes of four years of follow-up and predictors of early and late urinary continence in patients undergoing robot-assisted radical prostatectomy. BMC Urology. 2020;20;29	3

3537	A. S. C. Prabhu, A.Hope, W.Warren, J.Higgins, R.Jacob, B.Blatnik, J.Haskins, I.Alkhatib, H.Tastaldi, L.Fafaj, A.Tu, C.Rosen, M. J., Robotic Inguinal vs Transabdominal Laparoscopic Inguinal Hernia Repair: The RIVAL Randomized Clinical Trial. JAMA Surgery. 2020;155;380-387	12
3538	H. Z. Hoshyarmanesh, K.Lama, S.Durante, B.Sutherland, G. R., Evaluation of haptic devices and end-users: Novel performance metrics in tele-robotic microsurgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2101	3
3539	T. M. Giuliani, G.Girgis, M. D.Crino, S. F.Muthusamy, V. R.Bernardoni, L.Pea, A.Ramera, M.Paiella, S.Landoni, L.Gabbrielli, A.Salvia, R.Donahue, T. R.Bassi, C., Endoscopic placement of pancreatic stent for "Deep" pancreatic enucleations operative technique and preliminary experience at two high-volume centers. Surgical Endoscopy. 2020;34;2796-2802	2
3540	N. Y. J. Kim, W. S.Choi, Y. D.Hong, J. H.Noh, S.Yoo, Y. C., Comparison of Biochemical Recurrence After Robot-assisted Laparoscopic Radical Prostatectomy with Volatile and Total Intravenous Anesthesia. International Journal of Medical Sciences. 2020;17;449-456	3
3541	K. R. M. Seetharam Bhat, M. C.Onol, F. F.Sandri, M.Rogers, T.Roof, S.Rocco, B.Patel, V. R., Trends in clinical and oncological outcomes of robot-assisted radical prostatectomy before and after the 2012 US Preventive Services Task Force recommendation against PSA screening: a decade of experience. BJU International. 2020;125;884-892	3
3542	L. B. Mereu, V.Surico, D.Gardella, B.Pertile, R.Spinillo, A.Tateo, S., Evaluation of quality of life, body image and surgical outcomes of robotic total laparoscopic hysterectomy and sentinel lymph node mapping in low-risk endometrial cancer patients - A Robotic Gyne Club study. Acta Obstetricia et Gynecologica Scandinavica. 2020;99;1238-1245	3
3543	F. M. Di Maida, A.Morselli, S.Campi, R.Sforza, S.Cocci, A.Tellini, R.Tuccio, A.Petraglia, F.Masieri, L.Carini, M.Minervini, A., Robotic treatment for urinary tract endometriosis: preliminary results and surgical details in a high-volume single-Institutional cohort study. Surgical Endoscopy. 2020;34;3236-3242	5
3544	M. A. Rafique, T.Al-Suwailem, S., Outcomes of Robot-assisted Laparoscopic Gynecological Surgery. Jcpsp, Journal of the College of Physicians & Surgeons - Pakistan. 2020;30;254-258	13
3545	M. A. Widmar, P.Keskin, M.Strombom, P. D.Patil, S.Smith, J. J.Nash, G. M.Garcia-Aguilar, J., Intracorporeal Anastomoses in Minimally Invasive Right Colectomies Are Associated With Fewer Incisional Hernias and Shorter Length of Stay. Diseases of the Colon & Rectum. 2020;63;685-692	2
3546	C. G. S. McDonald, J. L.Dennis, T. A.O'Malley, M. K., A Myoelectric Control Interface for Upper-Limb Robotic Rehabilitation Following Spinal Cord Injury. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2020;28;978-987	2
3547	M. G. Y. Yenice, I.Turkay, R.Sahin, S.Tugcu, V., Effect of pelvimetric diameters on success of surgery in patients submitted to robot-assisted perineal radical prostatectomy. International Braz J Urol. 2020;46;425-433	3
3548	S. A. Candela-Canto, M.Alaez, C.Muchart, J.Forero, C.de la Gala, C.Munuera, J.Serrano, S.Quintilla, J. M.Hinojosa, J., Highly realistic simulation for robot-assisted hypothalamic hamartoma real-time MRI-guided laser interstitial thermal therapy (LITT). Childs Nervous System. 2020;36;1131-1142	3
3549	Y. T. Shirono, I.Kasahara, T.Maruyama, R.Yamana, K.Tanikawa, T.Hara, N.Sakaue, Y.Togano, T.Nishiyama, T.Fukuchi, T.Tomita, Y., Intraoperative intraocular pressure changes during robot-assisted radical prostatectomy: associations with perioperative and clinicopathological factors. BMC Urology. 2020;20;26	3

3550	H. M. W. Yip, Z.Navarro-Alarcon, D.Li, P.Cheung, T. H.Greiffenhagen, C.Liu, Y. H., A collaborative robotic uterine positioning system for laparoscopic hysterectomy: Design and experiments. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2103	7
3551	S. M. Mabuchi, Y.Matsubara, S., A New Silicon Sling Device for Traction During Robotic Gynecologic Surgery. Journal of the Society of Laparoendoscopic Surgeons. 2020;24;Jan-Mar	5
3552	K. H. S. Kim, W.Yoon, H.Lee, D. H., Single-port robot-assisted radical prostatectomy with the da Vinci SP system: A single surgeon's experience. Investigative And Clinical Urology. 2020;61;173-179	5
3553	P. B. Savov, S.Tsamassiotis, S.Windhagen, H.Klintschar, M.Ettinger, M., Three-dimensional templating in hip arthroplasty: the basis for template-directed instrumentation?. Archives of Orthopaedic & Trauma Surgery. 2020;140;827-833	7
3554	B. O. C. Timm, E.Bolton, D.Liodakis, P., Are we failing to consent to an increasingly common complication? Incisional hernias at robotic prostatectomy. Journal of Robotic Surgery. 2020;14;861-864	5
3555	J. W. Wang, Z.Zhu, Y.Yu, K.Li, X.Liu, C.Liu, S.Zeng, X., Minimally invasive adrenalectomy results in equivalent perioperative outcomes versus open adrenalectomy for adrenal mass larger than 6 cm: A retrospective propensity score-matched study. European Journal of Surgical Oncology. 2020;46;839-846	3
3556	J. R. V. Panchmatia, A. R.Wang, W.Harris, J. A.Bucklen, B. S., Lumbar Percutaneous Pedicle Screw Breach Rates: A Comparison of Robotic Navigation Platform Versus Conventional Techniques. Clinical Spine Surgery : A Spine Publication. 2020;33;E162-E167	7
3557	A. H. K. Faraji, V.Sweat, J. C.Crammond, D. J.Richardson, R. M., Robotic-Assisted Stereotaxy for Deep Brain Stimulation Lead Implantation in Awake Patients. Operative Neurosurgery. 2020;19;444-452	3
3558	T. C. Jackson, E. E.Nagatomo, K.Osman, H. G.Jeyarajah, D. R., Teacher and Trainee Learning Together-Dual Console and the 3 Arms. Journal of Surgical Education. 2020;77;720-722	2
3559	K. F. S. Michel, M. C.Lee, D. J.Lee, D. I., ASO Author Reflections: Prolonged Length of Stay After Robotic-Assisted Radical Prostatectomy-A Separate Problem from Perioperative Complications. Annals of Surgical Oncology. 2020;27;1568-1569	5
3560	H. S. K. Kim, J. H.Yang, S. Y.Kim, N. K., Long-term Voiding and Sexual Function in Male Patients After Robotic Total Mesorectal Excision With Autonomic Nerve Preservation for Rectal Cancer: A Cross-Sectional Study. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2020;30;137-143	5
3561	P. R. P. Armijo, B.Flores, L.Hosein, S.Oleynikov, D., Current state of robotic use in inguinal hernia repair: a survey of minimally invasive hernia surgeons. Updates in Surgery. 2020;72;179-184	3
3562	K. A. D. Holst, J. A.Schaff, H. V.Hanson, K. T.Thiels, C. A.Erdman, M. K.Pham, S.Landolofo, K.DeValeria, P. A.Habermann, E. B., What Drives Opioid Prescriptions After Cardiac Surgery: Practice or Patient?. Annals of Thoracic Surgery. 2020;110;1201-1208	2
3563	C. T. Sholtis, M.Berry, M.Backhus, L.Bhandari, P.He, H.Benson, J.Wang, Y. Y.Yevudza, E.Lui, N.Shrager, J., Transcervical Thymectomy Is the Most Cost-Effective Surgical Approach in Myasthenia Gravis. Annals of Thoracic Surgery. 2020;109;1705-1712	2
3564	Q. L. Li, N.Luo, Y.Yu, H.Ma, X.Zhang, X.Tang, J., Role of intraoperative ultrasound in robotic-assisted radical nephrectomy with inferior vena cava thrombectomy in renal cell carcinoma. World Journal of Urology. 2020;38;3191-3198	3

3565	A. W. Ismail, M.Ind, T.Gul, N.Moss, E., The development of a robotic gynaecological surgery training curriculum and results of a delphi study. BMC Medical Education. 2020;20;66	3
3566	J. O. G. Paull, A.Parascandola, S.Hota, S.Stein, S.Umapathi, B.Abdullah, A.Pudalov, N.Obias, V., Transvaginal rectopexy using the Flex^R Colorectal Drive Robotic System: a proof-of-concept approach to rectal prolapse. Techniques in Coloproctology. 2020;24;471-474	7
3567	A. B. Kretschmer, R.Chaloupka, M.Jokisch, F.Westhofen, T.Weinhold, P.Strittmatter, F.Becker, A.Buchner, A.Stief, C. G., Health-related quality of life after open and robot-assisted radical prostatectomy in low- and intermediate-risk prostate cancer patients: a propensity score-matched analysis. World Journal of Urology. 2020;38;3075-3083	12
3568	A. B. Dubinskaya, M. S.Wakefield, D. B.Shepherd, J. P., The impact of prior prolapse repairs on surgical outcomes with minimally invasive sacral colpopexy. International Urogynecology Journal. 2020;31;2061-2067	2
3569	Y. J. Shi, J.Qiu, W.Weng, Y.Wang, J.Zhao, S.Huo, Z.Qin, K.Wang, Y.Chen, H.Deng, X.Peng, C.Shen, B., Short-term Outcomes After Robot-Assisted vs Open Pancreaticoduodenectomy After the Learning Curve. JAMA Surgery. 2020;155;389-394	12
3570	H. J. Y. Shin, H. K.Lee, J. H.Lee, S. R.Jeong, K.Moon, H. S., Robotic single-port surgery using the da Vinci SP R surgical system for benign gynecologic disease: A preliminary report. Taiwanese Journal of Obstetrics & Gynecology. 2020;59;243-247	5
3571	R. M. Naik, I., Robotic simulation experience in undergraduate medical education: a perspective. Journal of Robotic Surgery. 2020;14;793-794	1
3572	K. K. K. Badani, P. D.Okhawere, K. E.Eun, D.Hemal, A.Abaza, R.Porter, J.Lovallo, G.Ahmed, M.Munver, R.Stifelman, M. D., Selective clamping during robot-assisted partial nephrectomy in patients with a solitary kidney: is it safe and does it help?. BJU International. 2020;125;893-897	3
3573	J. H. B. Beckmann, A.Kersebaum, J. N.Mehdorn, A. S.von Schonfels, W.Taivankhuu, T.Laudes, M.Schafmayer, C.Egberts, J. H.Becker, T., The Impact of Robotics in Learning Roux-en-Y Gastric Bypass: a Retrospective Analysis of 214 Laparoscopic and Robotic Procedures : Robotic Vs. Laparoscopic RYGB. Obesity Surgery. 2020;30;2403-2410	12
3574	G. P. Leonard, B.Monleon, L.Boutin, J. M.Branchereau, J.Karam, G.Rigaud, J.Bruyere, F., Oncological and Postoperative Outcomes of Robot-Assisted Laparoscopic Radical Prostatectomy in Renal Transplant Recipients: A Multicenter and Comparative Study. Transplantation Proceedings. 2020;52;850-856	3
3575	H. Y. Wu, M.Xu, Z.Zhao, Z.Han, W., Transmission Characteristics Analysis and Compensation Control of Double Tendon-sheath Driven Manipulator. Sensors. 2020;20;27	2
3576	N. H. L. Lee, S. H.Kim, W. Y., Comparison of Reduced-Port Robotic Surgery (RPRS) with conventional 2 port laparoscopy for myomectomy. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2020;247;181-185	13
3577	C. Z. Wu, T.Zhang, J.Huang, J.Tang, X.Zhou, T.Rong, Y.Huang, Y.Shi, S.Zeng, D., A new approach for an ultrasensitive tactile sensor covering an ultrawide pressure range based on the hierarchical pressure-peak effect. Nanoscale Horizons. 2020;5;541-552	2
3578	A. T. Kagimoto, Y.Izaki, Y.Handa, Y.Mimae, T.Miyata, Y.Okada, M., Initial experience of robotic anatomical segmentectomy for non-small cell lung cancer. Japanese Journal of Clinical Oncology. 2020;50;440-445	3

3579	K. C. S. Sajja, A.Al Saiegh, F.Chalouhi, N.Avery, M. B.Schmidt, R. F.Tjoumakaris, S. I.Gooch, M. R.Herial, N.Abbas, R.Zarzour, H.Romo, V.Rosenwasser, R.Jabbour, P., Endovascular robotic: feasibility and proof of principle for diagnostic cerebral angiography and carotid artery stenting. Journal of Neurointerventional Surgery. 2020;12;345-349	3
3580	J. P. d. S. St Mart, R. N.Cuthbert, A.Donnelly, W., The three-year survivorship of robotically assisted versus non-robotically assisted unicompartmental knee arthroplasty. Bone & Joint Journal. 2020;102-B;319-328	12
3581	E. C. Siri, P.Charavil, A.Netter, A.Resseguier, N.Agostini, A., Learning Intracorporeal Suture on Pelvitrainer Using a Robotized Versus Conventional Needle Holder. Journal of Surgical Research. 2020;251;85-93	1
3582	W. C. Yuan, W.Meng, X.Zhu, H.Liu, X.Cui, C.Tao, L.Zhu, Y., Learning Curve of Robot-Assisted Percutaneous Kyphoplasty for Osteoporotic Vertebral Compression Fractures. World Neurosurgery. 2020;138;e323-e329	3
3583	E. V. H. Kalogera, H. K.Sangaralingham, L. R.Borah, B. J.Dowdy, S. C., Use of bowel preparation does not reduce postoperative infectious morbidity following minimally invasive or open hysterectomies. American Journal of Obstetrics & Gynecology. 2020;223;231.e1-231.e12	2
3584	M. P. Alshuaibi, C.Hubert, J.Perez, M., Concurrent, face, content, and construct validity of the RobotiX Mentor simulator for robotic basic skills. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2100	3
3585	A. M. R. Fang, J.Saidian, A.Bae, S.Tanno, F. Y.Chambo, J. L.Bloom, J.Gordetsky, J.Srougi, V.Phillips, J.Rais-Bahrami, S., Perioperative outcomes of laparoscopic, robotic, and open approaches to pheochromocytoma. Journal of Robotic Surgery. 2020;14;849-854	13
3586	H. M. Taninishi, T.Morimatsu, H., Transversus Abdominis Plane Block Reduced Early Postoperative Pain after Robot-assisted Prostatectomy: a Randomized Controlled Trial. Scientific Reports. 2020;10;3761	3
3587	B. G. C. Domb, J. W.Lall, A. C.Perets, I.Maldonado, D. R., Minimum 5-Year Outcomes of Robotic-assisted Primary Total Hip Arthroplasty With a Nested Comparison Against Manual Primary Total Hip Arthroplasty: A Propensity Score-Matched Study. Journal of the American Academy of Orthopaedic Surgeons. 2020;28;847-856	12
3588	S. D.-V. Bedrikovetski, N. N.Kroon, H. M.Moore, J. W.Hunter, R. A.Sammour, T., Outcomes of Minimally Invasive Versus Open Proctectomy for Rectal Cancer: A Propensity-Matched Analysis of Bi-National Colorectal Cancer Audit Data. Diseases of the Colon & Rectum. 2020;63;778-787	12
3589	P. T. S. Jensen, T. H.Froding, L. P.Bjorn, S. F.Lajer, H.Markauskas, A.Jochumsen, K. M.Fuglsang, K.Dinesen, J.Sogaard, C. H.Sogaard-Andersen, E.Jensen, M. M.Knudsen, A.Oster, L. H.Hogdall, C., Survival after a nationwide adoption of robotic minimally invasive surgery for early-stage cervical cancer - A population-based study. European Journal of Cancer. 2020;128;47-56	3
3590	D. W. Shen, H.Wang, C.Huang, Q.Li, S.Wu, S.Xuan, Y.Gong, H.Li, H.Ma, X.Wang, B.Zhang, X., Cumulative Sum Analysis of the Operator Learning Curve for Robot-Assisted Mayo Clinic Level I-IV Inferior Vena Cava Thrombectomy Associated with Renal Carcinoma: A Study of 120 Cases at a Single Center. Medical Science Monitor. 2020;26;e922987	3
3591	D. O. Fielding, M., Technologies for targeting the peripheral pulmonary nodule including robotics. Respirology. 2020;25;914-923	3

3592	M. C. M. Strother, K. F.Xia, L.McWilliams, K.Guzzo, T. J.Lee, D. J.Lee, D. I., Prolonged Length of Stay After Robotic Prostatectomy: Causes and Risk Factors. Annals of Surgical Oncology. 2020;27;1560-1567	3
3593	M. K. S. Welleweerd, F. J.Groenhuis, V.Veltman, J.Stramigioli, S., Design of an end-effector for robot-assisted ultrasound-guided breast biopsies. International Journal of Computer Assisted Radiology & Surgery. 2020;15;681-690	3
3594	A. M. Hill, J., In experienced hands, does the robotic platform impact operative efficiency? Comparison of the da Vinci Si versus Xi robot in colorectal surgery. Journal of Robotic Surgery. 2020;14;789-792	3
3595	L. L. Gu, K.Shen, D.Li, H.Gao, Y.Huang, Q.Fan, Y.Ai, Q.Xie, Y.Yao, Y.Du, S.Zhao, X.Wang, B.Ma, X.Zhang, X., Comparison of Robot-Assisted and Laparoscopic Partial Nephrectomy for Completely Endophytic Renal Tumors: A High-Volume Center Experience. Journal of Endourology. 2020;34;581-587	13
3596	A. M. Bulletti, M.Prasanna, S.Massari, L.Menciassi, A.Oddo, C. M.Capineri, L., An Improved Strategy for Detection and Localization of Nodules in Liver Tissues by a 16 MHz Needle Ultrasonic Probe Mounted on a Robotic Platform. Sensors. 2020;20;21	3
3597	D. H. V. Lyra, N.Sadeghi-Tehran, P.Hassall, K. L.Wingen, L. U.Orford, S.Griffiths, S.Hawkesford, M. J.Slavov, G. T., Functional QTL mapping and genomic prediction of canopy height in wheat measured using a robotic field phenotyping platform. Journal of Experimental Botany. 2020;71;1885-1898	2
3598	J. C. Feldstein, H., Achieving robotic program best practice performance and cost versus laparoscopy: Two case studies define a framework for optimization. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2098	8
3599	C. L. M. Nota, I. Q.Te Riele, W. W.van Santvoort, H. C.Hagendoorn, J.Borel Rinkes, I. H. M., Stepwise implementation of robotic surgery in a high volume HPB practice in the Netherlands. HPB. 2020;22;1596-1603	3
3600	K. J. L. Eoh, J. Y.Nam, E. J.Kim, S.Kim, S. W.Kim, Y. T., The institutional learning curve is associated with survival outcomes of robotic radical hysterectomy for early-stage cervical cancer-a retrospective study. BMC Cancer. 2020;20;152	3
3601	O. Y. G. Kudsi, F.La Grange, S.Bou-Ayash, N.Chang, K., Are elderly patients at high risk for postoperative complications after robotic ventral hernia repair? A propensity score matching analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2095	3
3602	A. F. Saidian, A. M.Hakim, O.Magi-Galluzzi, C.Nix, J. W.Rais-Bahrami, S., Perioperative Outcomes of Single vs Multi-Port Robotic Assisted Radical Prostatectomy: A Single Institutional Experience. Journal of Urology. 2020;204;490-495	3
3603	J. A. Kauppi, S.Strbian, D.Robinson, E.Alho, H.Sihvo, E.Ilonen, I.Rasanen, J., Improvement in symptom remission rate following robotic thymectomy in patients with myasthenia gravis. Interactive Cardiovascular & Thoracic Surgery. 2020;30;827-833	13
3604	M. D.-K. Carbonnel, P.Revaux, A.Brannstrom, M.Ayoubi, J. M., Adapting surgical skills from robotic-assisted radical hysterectomy in cervical cancer to uterine transplantation: a look to an optimistic future!. Journal of Robotic Surgery. 2020;14;841-847	5
3605	N. A. N. Patel, C. J.Carvalho, P. A.Gandomi, K. Y.Gondokaryono, R.Li, G.Heffter, T.Burdette, E. C.Pilitsis, J. G.Fischer, G. S., An Integrated Robotic System for MRI-Guided Neuroablation: Preclinical Evaluation. IEEE Transactions on Biomedical Engineering. 2020;67;2990-2999	5
3606	E. M. H. van der Schans, M. A. J.Consten, E. C. J.Broeders, Iamj, From Da Vinci Si to Da Vinci Xi: realistic times in draping and docking the robot. Journal of Robotic Surgery. 2020;14;835-839	3

3607	K. K. Shibao, Y.Mitsuyoshi, M.Sawatsubashi, Y.Matayoshi, N.Sato, N.Torigoe, T.Hirata, K., Robotic-Assisted Distal Gastrectomy for Gastric Cancer Using an Oval-Shaped Port Device. Surgical Technology International. 2020;36;70-76	3
3608	T. A. H. Mudyanadzo, J. D., 3rdRider, P. F.Richards, W. O., An Evaluation of Robotic Ventral Hernia Repair. American Surgeon. 2020;86;e45-e46	5
3609	Y. X. Zhao, H.Guo, S.Wang, Y.Cui, J.Ma, Y.Liu, Y.Liu, X.Feng, J.Li, Y., A novel noncontact detection method of surgeon's operation for a master-slave endovascular surgery robot. Medical & Biological Engineering & Computing. 2020;58;871-885	3
3610	S. H. Beck, D.Ragab, H.Rademacher, C.Mesner-Schmitt, A.von Breunig, F.Haese, A.Graefen, M.Zollner, C.Fischer, M., Postanesthesia care unit delirium following robot-assisted vs open retropubic radical prostatectomy: A prospective observational study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2094	4
3611	T. F. Kakuta, S.Shimahara, Y.Yajima, S.Tadokoro, N.Minami, K.Kobayashi, J.Fujita, T., Early results of robotically assisted mitral valve repair in a single institution: report of the first 100 cases. General Thoracic & Cardiovascular Surgery. 2020;68;1079-1085	3
3612	A. T. G. Lenis, V.Lec, P. M.Johnson, D. C.Faiena, I.Lee, C.Rahman, S.Chamie, K., The association between N-methylnaltrexone, a peripherally acting mu-opioid receptor antagonist, and clinical outcomes in patients undergoing robotic-assisted radical cystectomy. World Journal of Urology. 2020;38;3113-3119	3
3613	B. K. Kayani, S.Tahmassebi, J.Oussedik, S.Moriarty, P. D.Haddad, F. S., A prospective double-blinded randomised control trial comparing robotic arm-assisted functionally aligned total knee arthroplasty versus robotic arm-assisted mechanically aligned total knee arthroplasty. Trials [Electronic Resource]. 2020;21;194	11
3614	R. J. Y. Liu, S. X.Neylon, J.Hall, M. D.Dandapani, S.Vora, N.Wong, J. Y. C.Liu, A., Residual setup errors in cranial stereotactic radiosurgery without six degree of freedom robotic couch: Frameless versus rigid immobilization systems. Journal of Applied Clinical Medical Physics. 2020;21;87-93	7
3615	B. J. Chen, M.Li, P.Liu, P.Zou, W.Zhao, Z.Qu, B.Li, Z.Bin, X.Lang, J.Wang, H.Chen, C., Comparison between robot-assisted radical hysterectomy and abdominal radical hysterectomy for cervical cancer: A multicentre retrospective study. Gynecologic Oncology. 2020;157;429-436	3
3616	E. F. N. Kauffmann, N.Cacace, C.Menonna, F.Vistoli, F.Amorese, G.Boggi, U., Resection or repair of large peripancreatic arteries during robotic pancreatectomy. Updates in Surgery. 2020;72;145-153	3
3617	E. S. Shkolyar, I. F.Li, Y.Wong, J. A.Liao, J. C., Robot-Assisted Radical Prostatectomy Associated with Decreased Persistent Postoperative Opioid Use. Journal of Endourology. 2020;34;475-481	2
3618	C. C. H. Peyton, A.Morgan, K.Azizi, M.Tang, D.Chipollini, J.Gilbert, S. M.Poch, M.Sexton, W. J.Spiess, P. E., Urinary leak following partial nephrectomy: a contemporary review of 975 cases. Canadian Journal of Urology. 2020;27;10118-10124	2
3619	Y. C. Byun, Y. J.Kang, J. S.Han, Y.Kim, H.Kwon, W.Jang, J. Y., Early outcomes of robotic extended cholecystectomy for the treatment of gallbladder cancer. Journal of Hepato-biliary-pancreatic Sciences. 2020;27;324-330	12
3620	H. H. A. Davila, S.Malave-Huertas, D.Bigay, F. F.Crawford, K.Friedenstab, A.Lum, K.Bruce, L.Goodman, L.Gallo, T., Ultrasonography and robotic-assisted laparoscopic sacrocervicopexy with pubocervical fascia reconstruction: comparison with standard technique. Journal of Robotic Surgery. 2020;14;759-766	3
3621	J. W. Y. Y. Chan, P. S. Y.Yang, J. H.Yuan, E. Q.Jia, H.Peng, J.Lau, R. W. H.Ng, C. S. H., Surgical access trauma following minimally invasive thoracic surgery. European Journal of Cardio-Thoracic Surgery. 2020;58;i6-i13	2

3622	S. Y. H. Park, K. N.Hong, J. I.Kim, H. K.Kim, D. J.Choi, Y. H., Subxiphoid approach for robotic single-site-assisted thymectomy. European Journal of Cardio-Thoracic Surgery. 2020;58;i34-i38	3
3623	C. H. N. Kang, K. J.Song, J. W.Bae, S. Y.Park, S.Park, I. K.Kim, Y. T., The robotic thymectomy via the subxiphoid approach: technique and early outcomes. European Journal of Cardio-Thoracic Surgery. 2020;58;i39-i43	3
3624	S. M. Kira, T.Sawada, N.Nakagomi, H.Ihara, T.Takahashi, N.Takeda, M., Feasibility and necessity of the fourth arm of the da Vinci Si surgical system for robot-assisted partial nephrectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2092	3
3625	E. O. Kadirogullari, B.Timur, B.Birant, A.Reyhancan, A.Basgoze, S.Aydin, U., Transcatheter closure vs totally endoscopic robotic surgery for atrial septal defect closure: A single-center experience. Journal of Cardiac Surgery. 2020;35;764-771	13
3626	S. R. S. Nodzo, T. M.Jancuska, J. M.Cobler-Lichter, M. D.Boyle, K. K.Rachala, S., Flexion Space Balancing Through Component Positioning and Its Relationship to Traditional Anatomic Rotational Landmarks in Robotic Total Knee Arthroplasty. Journal of Arthroplasty. 2020;35;1569-1575	3
3627	J. C. Spellman, M.Kawatkar, A.Calzada, G., Comparative cost of transoral robotic surgery and radiotherapy (IMRT) in early stage tonsil cancer. American Journal of Otolaryngology. 2020;41;102409	4
3628	T. K. Haruki, Y.Takagi, Y.Kidokoro, Y.Matsui, S.Nakanishi, A.Miwa, K.Taniguchi, Y.Nakamura, H., Comparison of medium-term survival outcomes between robot-assisted thoracoscopic surgery and video-assisted thoracoscopic surgery in treating primary lung cancer. General Thoracic & Cardiovascular Surgery. 2020;68;984-992	13
3629	C. G. Andolfi, M. S., Live-case demonstrations in pediatric urology: Ethics, patient safety, and clinical outcomes from an 8-year institutional experience. Investigative And Clinical Urology. 2020;61;S51-S56	2
3630	D. K. Lee, E. C.McLain, B. J.Kang, I.Young, A. J., Effects of Assistance During Early Stance Phase Using a Robotic Knee Orthosis on Energetics, Muscle Activity, and Joint Mechanics During Incline and Decline Walking. IEEE Transactions on Neural Systems & Rehabilitation Engineering. 2020;28;914-923	3
3631	X. L. Yang, A. Y.Law, Y. M.Sim, A. S. P.Tay, K. J.Lau, W. K. O.Ho, H. S. S.Yuen, J. S. P.Chen, K., Stereotactic robot-assisted transperineal prostate biopsy under local anaesthesia and sedation: moving robotic biopsy from operating theatre to clinic. Journal of Robotic Surgery. 2020;14;767-772	3
3632	G. T. O. Noh, B. Y.Han, M.Chung, S. S.Lee, R. A.Kim, K. H., Initial clinical experience of single-incision robotic colorectal surgery with da Vinci SP platform. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2091	3
3633	S. A. Kakutani, M.Araki, F.Chen, Y. N.Shinokawa, M.Okagami, Y.Ohata, T.Taguchi, S.Yamada, Y.Takeshima, Y.Kume, H.Yamada, Y.Aihara, M.Ito, N.Fukuhara, H., Prospective evaluation of visual function in patients with ocular diseases after robot-assisted laparoscopic prostatectomy. International Journal of Urology. 2020;27;307-312	3
3634	T. J. M. S. van Mulken, R. M.Scharmga, A. M. J.Winkens, B.Cau, R.Schoenmakers, F. B. F.Qiu, S. S.van der Hulst, RrwjMicroSurgical Robot Research, Group, First-in-human robotic supermicrosurgery using a dedicated microsurgical robot for treating breast cancer-related lymphedema: a randomized pilot trial. Nature communications. 2020;11;757	3

3635	J. H. B. Kim, H. K.Kim, D. H.Kim, S. H.Choi, E. C.Koh, Y. W., ICG-Guided Sentinel Lymph Node Sampling during Robotic Retroauricular Neck Dissection in cN0 Oral Cancer. Otolaryngology - Head & Neck Surgery. 2020;162;410-413	3
3636	D. J. C. Kozminski, M. J.Feustel, P. J.Kogan, B. A., Robot set-up time in urologic surgery: an opportunity for quality improvement. Journal of Robotic Surgery. 2020;14;745-752	3
3637	S. C. Huang, M.Deng, Y.Wang, X.Lu, X.Jiang, W.Huang, Y.Chi, P., Mesorectal fat area and mesorectal area affect the surgical difficulty of robotic-assisted mesorectal excision and intersphincteric resection respectively in different ways. Colorectal Disease. 2020;22;1130-1138	3
3638	S. G. D. Moller, N.Brisling, S. K.Larsen, J. C. R.Klein, M., Laparoscopic Versus Robotic-assisted Suturing Performance Among Novice Surgeons: A Blinded, Cross-Over Study. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2020;30;117-122	1
3639	C. D. Koutserimpas, K., The evolution of robotic arm-assisted arthroplasty in Greece. Giornale di Chirurgia. 2020;41;73-78	3
3640	K. I. Nakamura, Y.Yamamoto, S.Sazuka, T.Sakamoto, S.Ichikawa, T., Soft coagulation in robot-assisted partial nephrectomy without renorrhaphy: Comparison with standard suture. International Journal of Urology. 2020;27;352-354	5
3641	V. G. Ganesan, R.Rodriguez, D.Hess, D.Carmel, M., Single-port robotic-assisted laparoscopic sacrocolpopexy with magnetic retraction: first experience using the SP da Vinci platform. Journal of Robotic Surgery. 2020;14;753-758	3
3642	A. J. W. N. Beulens, H. F.Brinkman, W. M.Meijer, R. P.Koldewijn, E. L.Hendrikx, A. J. M.van Basten, J. P.van Merrienboer, J. J. G.Van der Poel, H. G.Bangma, C.Wagner, C., Analysis of the video motion tracking system "Kinovea" to assess surgical movements during robot-assisted radical prostatectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2090	3
3643	A. M. S. Fang, A.Magi-Galluzzi, C.Nix, J. W.Rais-Bahrami, S., Single-port robotic partial and radical nephrectomies for renal cortical tumors: initial clinical experience. Journal of Robotic Surgery. 2020;14;773-780	3
3644	S. L. N. Traboulsi, D. D.Zakaria, A. S.Law, K. W.Shahine, H.Meskawi, M.Negrean, C.Karakiewicz, P. I.Hakim, A. E.Zorn, K. C., Functional and perioperative outcomes in elderly men after robotic-assisted radical prostatectomy for prostate cancer. World Journal of Urology. 2020;38;2791-2798	3
3645	D. F. H. Roden, K.Vimawala, S.Richa, T.Fundakowski, C. E.Goldman, R.Luginbuhl, A.Curry, J. M.Cognetti, D. M., Evaluating the impact of smoking on disease-specific survival outcomes in patients with human papillomavirus-associated oropharyngeal cancer treated with transoral robotic surgery. Cancer. 2020;126;1873-1887	3
3646	B. D. L. Lo, I. L.Sundel, M. H.Gearhart, S.Nisly, G. R. C.Safar, B.Atallah, C.Fang, S. H., Frailer Patients Undergoing Robotic Colectomies for Colon Cancer Experience Increased Complication Rates Compared With Open or Laparoscopic Approaches. Diseases of the Colon & Rectum. 2020;63;588-597	12
3647	Y. L. Gao, H.Yao, Y.Fan, Y.Shi, T.Yu, H.Xie, Y.Wang, B.Ma, X.Zhang, X., Vessel and Tension-Free Reconstruction During Robot-Assisted Partial Nephrectomy for Hilar Tumors: "Garland" Technique and Midterm Outcomes. Journal of Endourology. 2020;34;469-474	5
3648	A. C. Klasan, M.Holland, S.Young, S. W., Low femoral component prominence negatively influences early revision rate in robotic unicompartmental knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy. 2020;28;3906-3911	3

3649	M. K. Tosun, E.Toraman, F., Position-Related Subclavian and Internal Carotid Artery Compression During Robotic Thymectomy. Journal of Cardiothoracic & Vascular Anesthesia. 2020;34;2452-2455	5
3650	W. F. S. J. Busato, F.Almeida, G. L., Training of Brazilian Urology residents in laparoscopy: results of a national survey. International Braz J Urol. 2020;46;203-213	2
3651	F. X. W. Nouhaud, M.Yaxley, W.Cho, J.Perera, M.Thangasamy, I.Esler, R.Coughlin, G., Robot-assisted orthotopic "W" ileal neobladder in male patients: step-by-step video-illustrated technique and preliminary outcomes. Journal of Robotic Surgery. 2020;14;739-744	3
3652	R. W. B. J. Wyatt, P.Barber, T. C.Fleeter, T. B.Graves, S. E.Bozic, K. J., A Strategic Approach to Introducing New Technology Into Orthopaedic Practices. Instructional Course Lectures. 2020;69;393-404	2
3653	H. W. C. Lai, S. T.Tai, C. M.Lin, S. L.Lin, Y. J.Huang, R. H.Mok, C. W.Chen, D. R.Kuo, S. J., Robotic- Versus Endoscopic-Assisted Nipple-Sparing Mastectomy with Immediate Prosthesis Breast Reconstruction in the Management of Breast Cancer: A Case-Control Comparison Study with Analysis of Clinical Outcomes, Learning Curve, Patient-Reported Aesthetic Results, and Medical Cost. Annals of Surgical Oncology. 2020;27;2255-2268	12
3654	N. M. Najafi, I.Wiese, D.Albers, M. B.Maurer, E.Bartsch, D. K., A retrospective comparison of robotic versus laparoscopic distal resection and enucleation for potentially benign pancreatic neoplasms. Surgery Today. 2020;50;872-880	12
3655	G. G. Mao, M. J.Myers, D.Yu, A.Whiting, D., Single-Surgeon Direct Comparison of O-arm Neuronavigation versus Mazor X Robotic-Guided Posterior Spinal Instrumentation. World Neurosurgery. 2020;137;e278-e285	12
3656	Y. T. H. Chen, C. W.Ma, C. J.Tsai, H. L.Yeh, Y. S.Su, W. C.Chai, C. Y.Wang, J. Y., An observational study of patho-oncological outcomes of various surgical methods in total mesorectal excision for rectal cancer: a single center analysis. BMC Surgery. 2020;20;23	12
3657	Y. W. Zeng, G.Liu, Y.Li, Z.Yi, B.Zhu, S., The "Micro Hand S" Robot-Assisted Versus Conventional Laparoscopic Right Colectomy: Short-Term Outcomes at a Single Center. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;363-368	12
3658	W. C. Li, P. W. Y.Li, Z., An Accelerated Finite-Time Convergent Neural Network for Visual Servoing of a Flexible Surgical Endoscope With Physical and RCM Constraints. IEEE Transactions on Neural Networks & Learning Systems. 2020;31;5272-5284	2
3659	D. A. L. B. Maberley, M.Smit, J.Meenink, T.Naus, G.Wagner, C.de Smet, M. D., A comparison of robotic and manual surgery for internal limiting membrane peeling. Graefes Archive for Clinical & Experimental Ophthalmology. 2020;258;773-778	1
3660	K. R. W. Shetty, K.Hashemi, S.Shetty, A.Levi, J. R., Transoral robotic surgery: Differences between online information and academic literature. American Journal of Otolaryngology. 2020;41;102395	3
3661	T. K. Matern, E.Lim, P. C., Factors in the feasibility and safety of outpatient robotic-assisted hysterectomy for endometrial or cervical carcinoma. Gynecologic Oncology. 2020;157;482-486	3
3662	A. A. B. Dahl, B.Fossa, S. D.Axcrona, K., A cross-sectional study of current work ability after radical prostatectomy. BMC Urology. 2020;20;9	2
3663	D. O. C. Lin, M.David, R.Fuller, A.Wells, R.Sutherland, P.Foreman, D., Does urethral length affect continence outcomes following robot assisted laparoscopic radical prostatectomy (RALP)?. BMC Urology. 2020;20;8	3

3664	M. C. C. Moschovas, D. C.Arap, M. A.Sarkis, A. S.Nahas, W. C.Tanure, L. H. R.Ebaid, G.de Carvalho Fazoli, A. J.Guglielmetti, G. B.Bistacco, C.Cordeiro, M.Afonso, P.Sighinolfi, M. C.Rocco, B.Coelho, R. F., Robotic-assisted radical cystectomy: the first multicentric Brazilian experience. Journal of Robotic Surgery. 2020;14;703-708	3
3665	P. K. Schleer, P.Drobinsky, S.Radermacher, K., Augmentation of haptic feedback for teleoperated robotic surgery. International Journal of Computer Assisted Radiology & Surgery. 2020;15;515-529	3
3666	B. P. Jiang, Z.Azad, T.Liu, A.Ahmed, A. K.Zygourakis, C. C.Westbroek, E. M.Zhu, A.Cottrill, E.Theodore, N., Robot-Assisted versus Freehand Instrumentation in Short-Segment Lumbar Fusion: Experience with Real-Time Image-Guided Spinal Robot. World Neurosurgery. 2020;136;e635-e645	12
3667	M. J. K. Watson, B.Tonzi, M.Xu, R.Heath, G.Lute, B.Singh, A., Decreasing the prospect of upper extremity neuropraxia during robotic assisted laparoscopic prostatectomy: a novel technique. Journal of Robotic Surgery. 2020;14;733-738	5
3668	D. T. Alterio, M.Muto, M.Zorzi, S.Volpe, S.Gandini, S.Sibio, D.Bayir, O.Marvaso, G.Ferrari, A.Bruschini, R.Cossu Rocca, M.Preda, L.Marangoni, R.Starzynska, A.Vigorito, S.Ansarin, M.Jereczek-Fossa, B. A., Soft tissue necrosis in patients treated with transoral robotic surgery and postoperative radiotherapy: preliminary results. Tumori. 2020;106;471-479	3
3669	S. R. Kim, K. J.Min, K. J.Lee, S.Jung, U. S.Hong, J. H.Song, J. Y.Lee, J. K.Lee, N. W., Learning curve for sentinel lymph node mapping in gynecologic malignancies. Journal of Surgical Oncology. 2020;121;599-604	2
3670	Y. N. E. Kim, K. J.Lee, J. Y.Nam, E. J.Kim, S.Kim, Y. T.Kim, S. W., Comparison of outcomes between the one-step and two-step sentinel lymph node mapping techniques in endometrial cancer. International Journal of Gynecological Cancer. 2020;30;318-324	2
3671	R. S. K. Madhurapantula, G.Morfin, B.Roy, R.Lister, K.Orgel, Jpro, Advanced Methodology and Preliminary Measurements of Molecular and Mechanical Properties of Heart Valves under Dynamic Strain. International Journal of Molecular Sciences. 2020;21;24	2
3672	J. R. Rassweiler, P.Rassweiler-Seyfried, M. C., Extracorporeal shock-wave lithotripsy: is it still valid in the era of robotic endourology? Can it be more efficient?. Current Opinion in Urology. 2020;30;120-129	3
3673	D. W. El-Hamamsy, T. J.Griffiths, T. R. L.Anderson, E. S.Tincello, D. G., Surgeon-Team Separation in Robotic Theaters: A Qualitative Observational and Interview Study. Female Pelvic Medicine & Reconstructive Surgery. 2020;26;86-91	2
3674	K. T. Chandrasekaran, A., Design of a tether-driven minimally invasive robotic surgical tool with decoupled degree-of-freedom wrist. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2084	3
3675	I. G. Sucandy, A.Spence, J.Ross, S.Rosemurgy, A., Does preoperative MELD score affect outcomes following robotic hepatectomy for liver tumors?. Journal of Robotic Surgery. 2020;14;725-731	3
3676	V. E. Tugcu, M.Sahin, S.Colakoglu, Y.Simsek, A.Evren, I.Ihsan Tasci, A., Robot-assisted radical perineal prostatectomy: a review of 95 cases. BJU International. 2020;125;573-578	3

3677	G. C. Rembeyo, J. M.Jantzen, R.Audenet, F.Dariane, C.Delavaud, C.Mejean, A.Timsit, M. O., Percutaneous Ablation Versus Robotic Partial Nephrectomy in the Treatment of cT1b Renal Tumors: Oncologic and Functional Outcomes of a Propensity Score-weighted Analysis. Clinical Genitourinary Cancer. 2020;18;138-147	3
3678	M. T. Sebben, A.Shakir, A.Pirozzi, M.Processali, T.Rizzetto, R.Amigoni, N.Tiso, L.De Michele, M.Panunzio, A.Cerrato, C.Brunelli, M.Migliorini, F.Novella, G.De Marco, V.Siracusano, S.Artibani, W.Porcaro, A. B., The impact of extended pelvic lymph node dissection on the risk of hospital readmission within 180 days after robot assisted radical prostatectomy. World Journal of Urology. 2020;38;2799-2809	3
3679	Y. W. Sun, L.Jiang, Z.Li, B.Hu, Y.Tian, W., State recognition of decompressive laminectomy with multiple information in robot-assisted surgery. Artificial Intelligence in Medicine. 2020;102;101763	3
3680	H. W. T. Lai, A.Sarfati, B.Park, H. S.Houvenaeghel, G.Selber, J. C.Cheng, F. T.Kuo, W. L.Peradze, N.Song, S. Y.Mok, C. W., Consensus Statement on Robotic Mastectomy-Expert Panel From International Endoscopic and Robotic Breast Surgery Symposium (IERBS) 2019. Annals of Surgery. 2020;271;1005-1012	3
3681	D. C. Rodin, A. T.Ellimoottil, C.Nguyen, P. L.Kakani, P.Mossanen, M.Rosenthal, M.Landrum, M. B.Sinaiko, A. D., Physician and facility drivers of spending variation in locoregional prostate cancer. Cancer. 2020;126;1622-1631	2
3682	D. L. Di Fabrizio, G.Lauriti, G.Di Renzo, D.Lannutti, A.Marino, N.Lelli Chiesa, P., Conversion Rate in Pediatric Robotic-Assisted Surgery: Looking for the Culprit. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;315-321	5
3683	J. G. Crippa, F.Achilli, P.Mathis, K. L.Kelley, S. R.Merchea, A.Colibaseanu, D. T.Larson, D. W., Risk factors for conversion in laparoscopic and robotic rectal cancer surgery. British Journal of Surgery. 2020;107;560-566	3
3684	S. K. O. Korner, K. O.Jensen, J. B., Robot-assisted vesicovaginal fistula repair - initial experience. Scandinavian Journal of Urology. 2020;54;147-149	3
3685	O. Y. G. Kudsi, F.Chang, K., Robotic intraperitoneal onlay versus totally extraperitoneal (TEP) retromuscular mesh ventral hernia repair: A propensity score matching analysis of short-term outcomes. American Journal of Surgery. 2020;220;837-844	3
3686	R. W. N. Dobbs, T. T.Shahait, M.Lee, D. J.Kim, J. L.El-Fahmawi, A.Lee, D. I., Outpatient Robot-Assisted Radical Prostatectomy: Are Patients Ready for Same-Day Discharge?. Journal of Endourology. 2020;34;450-455	3
3687	Z. H. Lone, A. A.Jing, Z.Elsayed, A. S.Aldhaam, N. A.Sniadecki, K.Guru, K. A., Optimizing the Financial Burden of the Approach to Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2020;34;456-460	3
3688	N. G. Raison, A.Abe, T.Ahmed, K.Dasgupta, P., Virtually Competent: A Comparative Analysis of Virtual Reality and Dry-Lab Robotic Simulation Training. Journal of Endourology. 2020;34;379-384	5
3689	B. U. S. Shyr, B. S.Chen, S. C.Shyr, Y. M.Wang, S. E., Chyle leakage after robotic and open pancreaticoduodenectomy. Journal of Hepato-biliary-pancreatic Sciences. 2020;27;273-279	12
3690	C. L. W. Stewart, P.Selby, L.Warner, S. G.Raoof, M.Singh, G.Fong, Y.Melstrom, L. G., Minimally invasive distal pancreatectomy and the cost of conversion. Journal of Surgical Oncology. 2020;121;670-675	2

3691	F. Z. Dal Moro, M.Morlacco, A.Gardiman, M. P.Costa, G.Zattoni, F., Is "extreme" bladder neck preservation in robot-assisted radical prostatectomy a safe procedure?. Urologia (Treviso). 2020;87;149-154	3
3692	M. I. T. Khalil, A.Langford, B. T.Bhandari, N. R.Payakachat, N.Davis, R.Safaan, A.Raheem, O. A.Kamel, M. H., Early Postoperative Morbidity of Robotic Versus Open Radical Cystectomy in Obese Patients. Journal of Endourology. 2020;34;461-468	13
3693	J. Y. I. Lee, M.Woh, J. R.Washeem, T. S. M.Ngoh, L. Y. C.Wong, W. K.Ren, H., Ultrasound needle segmentation and trajectory prediction using excitation network. International Journal of Computer Assisted Radiology & Surgery. 2020;15;437-443	2
3694	R. M. O. S. Higgins, P., The Robotic Surgery Learning Experience Through the Eyes of the Medical Student: What Do They See?. Journal of Surgical Education. 2020;77;549-556	3
3695	N. K. L. Ranganath, D. F.Neragi-Miandoab, S.Malas, J.Spellman, L.Galloway, A. C.Grossi, E. A., Robotic Approach to Mitral Valve Surgery in Septo-Octogenarians. Seminars in Thoracic & Cardiovascular Surgery. 2020;32;712-717	3
3696	D. L. Zhang, J.Zhang, L.Yang, G. Z., Hamlyn CRM: a compact master manipulator for surgical robot remote control. International Journal of Computer Assisted Radiology & Surgery. 2020;15;503-514	3
3697	A. A. Veccia, A.Minervini, A.Mottrie, A.Dell'Oglio, P.Ashrafi, A. N.Larcher, A.Eun, D.Bradshaw, A.Amparore, D.Brassetti, A.Hampton, L. J.Simeone, C.Mari, A.Carini, M.De Naeyer, G.Yang, K.Capitanio, U.Simone, G.Porpiglia, F.Derweesh, I.Aron, M.Autorino, R., Upstaging to pT3a disease in patients undergoing robotic partial nephrectomy for cT1 kidney cancer: Outcomes and predictors from a multi-institutional dataset. Urologic Oncology. 2020;38;286-292	3
3698	S. C. Jiang, B.Qi, F.Cao, Y.Ju, F.Bai, D.Wang, Y., A variable-stiffness continuum manipulators by an SMA-based sheath in minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2081	2
3699	Y. P. Sun, B.Fu, Y.Niu, G., Visual-based autonomous field of view control of laparoscope with safety-RCM constraints for semi-autonomous surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2079	2
3700	V. M. S. Narayan, M. A.Lim, A. H.Li, R.Matulay, J. T.Kukreja, J. B.Qiao, W.Hwang, H.Shah, J. B.Pisters, L.Kamat, A. M.Dinney, C.Navai, N., Radical cystectomy in women: Impact of the robot-assisted versus open approach on surgical outcomes. Urologic Oncology. 2020;38;247-254	13
3701	M. B. Marchioni, F.Zhang, C.Simone, G.Uzzo, R. G.Capitanio, U.Minervini, A.Lau, C.Kaouk, J.Langenstroer, P.Amparore, D.de Luyk, N.Porter, J.Gallucci, M.Kutikov, A.Larcher, A.Mari, A.Kilday, P.Rha, K. H.Quarto, G.Perdona, S.White, W.Eun, D. D.Derweesh, I.Mottrie, A.Anele, U. A.Jacobsohn, K.Porpiglia, F.Challacombe, B.Sundaram, C. P.Autorino, R.Yang, B.Schips, L., Effect of Obesity and Overweight Status on Complications and Survival After Minimally Invasive Kidney Surgery in Patients with Clinical T₂₋₄ Renal Masses. Journal of Endourology. 2020;34;289-297	2
3702	O. T. L. Okusanya, W.Baker, N.Dhupar, R.Christie, N. A.Levy, R. M.Martinez-Meehan, D.Siripong, N.Luketich, J. D.Sarkaria, I. S., The association of robotic lobectomy volume and nodal upstaging in non-small cell lung cancer. Journal of Robotic Surgery. 2020;14;709-715	3
3703	V. S. Rao, A.Sinha, P.Prasad, R.Majumdar, K.Puranik, P., Modified facelift approach for posterior segmental mandibulectomy: a blend of oncology and cosmesis. European Archives of Oto-Rhino-Laryngology. 2020;277;1205-1210	2

3704	C. K. C. Roh, S.Seo, W. J.Cho, M.Choi, Y. Y.Son, T.Hyung, W. J.Kim, H. I., Comparison of surgical outcomes between integrated robotic and conventional laparoscopic surgery for distal gastrectomy: a propensity score matching analysis. Scientific Reports. 2020;10;485	12
3705	M. D. Felber, S. J.Grande, P.Vaessen, C.Parra, J.Barrou, B.Matillon, X.Crouzet, S.Leclerc, Q.Rigaud, J.Prudhomme, T.Doumerc, N.Bergerat, S.Lang, H.Laine, C.Robert, G.Gobert, A.Granger, B.Roupret, M., Morbidity, perioperative outcomes and complications of robot-assisted radical prostatectomy in kidney transplant patients: A French multicentre study. Urologic Oncology. 2020;38;599.e15-599.e21	3
3706	M. K. Hwang, D. S., K-FLEX: A flexible robotic platform for scar-free endoscopic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2078	3
3707	J. S. K. Shim, T. G.Rha, K. H.Lee, Y. G.Lee, J. Y.Jeong, B. C.Pyun, J. H.Kang, S. G.Kang, S. H., Do patients benefit from total intracorporeal robotic radical cystectomy?: A comparative analysis with extracorporeal robotic radical cystectomy from a Korean multicenter study. Investigative And Clinical Urology. 2020;61;44883	3
3708	H. F. Ye, X.Wang, Y.Chen, R.Zhang, C.Zhang, W.Guo, F.Wang, Z.Fang, Y.Wu, Z.Yang, Q.Yang, B.Lu, C.Wang, L., Single-docking robotic-assisted nephroureterectomy and extravesical bladder cuff excision without intraoperative repositioning: The technique and oncological outcomes. Asian Journal of Surgery. 2020;43;978-985	5
3709	J. F. Nabi, D. F.Chen, X.Cole, A. P.Hu, J. C.Kibel, A. S.Dasgupta, P.Trinh, Q. D., Assessment of Out-of-Pocket Costs for Robotic Cancer Surgery in US Adults. JAMA Network Open. 2020;3;e1919185	4
3710	J. S. K. Peng, M.Hochwald, S. N., Technique for Robotic Transhiatal Esophagectomy. Annals of Surgical Oncology. 2020;27;3037-3038	3
3711	T. N. A. Cohen, J. T.Shamash, K.Cohen, K. A.Nasseri, Y.Francis, S. E.Fimpler, M.Avenido, R.Gewertz, B. L.Shouhed, D., Discovering the barriers to efficient robotic operating room turnover time: perceptions vs. reality. Journal of Robotic Surgery. 2020;14;717-724	3
3712	A. C. Trecca, F.Bella, A.Borghini, R., Robotic colonoscopy: efficacy, tolerability and safety. Preliminary clinical results from a pilot study. Surgical Endoscopy. 2020;34;1442-1450	3
3713	L. T. Bencini, F.Paolini, C.Vaccaro, C.Checcacci, P.Annecchiarico, M.Moraldi, L.Farsi, M.Polvani, S.Coratti, A., Single-centre comparison of robotic and open pancreatoduodenectomy: a propensity score-matched study. Surgical Endoscopy. 2020;34;5402-5412	12
3714	J. D. G. Roth, P. C.DaJusta, D. G.Lindgren, B. W.Noh, P. H.Rensing, A. J.Krambeck, A. E.Whittam, B. M.Pediatric Urology Midwest, Alliance, Endoscopic-assisted robotic pyelolithotomy: a viable treatment option for complex pediatric nephrolithiasis. Journal of pediatric urology. 2020;16;192.e1-192.e5	3
3715	M. B. P. Rothberg, D. J.Okhawere, K. E.Reynolds, C. R.Badani, K. K.Abaza, R.Eun, D.Bhandari, A.Porter, J.Hemal, A. K., A Multi-Institutional Analysis of the Effect of Positive Surgical Margins Following Robot-Assisted Partial Nephrectomy on Oncologic Outcomes. Journal of Endourology. 2020;34;304-311	3
3716	J. E. L. Heo, J. S.Goh, H. J.Jang, W. S.Choi, Y. D., Urethral realignment with maximal urethral length and bladder neck preservation in robot-assisted radical prostatectomy: Urinary continence recovery. PLoS ONE [Electronic Resource]. 2020;15;e0227744	3
3717	F. Y. Obrecht, N. A.Burkhardt, O.Schregel, C.Randazzo, M.Padevit, C.Wiklund, P.John, H., Robot-assisted radical cystectomy and intracorporeal orthotopic neobladder: 1-year functional outcomes. Asian Journal of Andrology. 2020;22;145-148	5

3718	J. S. Dilley, H.Pratt, P.Omar, I.Darzi, A.Mayer, E., Visual behaviour in robotic surgery-Demonstrating the validity of the simulated environment. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2075	3
3719	T. Z. Qiu, Y.Xuan, Y.Qin, Y.Niu, Z.Shen, Y.Jiao, W., Robotic sleeve lobectomy for centrally located non-small cell lung cancer: A propensity score-weighted comparison with thoracoscopic and open surgery. Journal of Thoracic & Cardiovascular Surgery. 2020;160;838-846.e2	13
3720	A. A. Hooshiar, A.Dargahi, J., Development and assessment of a stiffness display system for minimally invasive surgery based on smart magneto-rheological elastomers. Materials Science & Engineering. C, Materials for Biological Applications. 2020;108;110409	2
3721	Z. J.-A. Tsafrir, K.Aoun, J.Diaz-Insua, M.Abd-El-Barr, A. E.Schiff, L.Talukdar, S.Menon, M.Munkarah, A.Theoharis, E.Eisenstein, D., The impact of a wireless audio system on communication in robotic-assisted laparoscopic surgery: A prospective controlled trial. PLoS ONE [Electronic Resource]. 2020;15;e0220214	3
3722	M. V. P. Marino, M.Pisanu, A.di Saverio, S.Fleitas, M. G., Robotic-assisted Pancreaticoduodenectomy: Technique Description and Performance Evaluation After 60 Cases. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2020;30;156-163	3
3723	K. H. C. Sheetz, J.Dimick, J. B., Trends in the Adoption of Robotic Surgery for Common Surgical Procedures. JAMA Network Open. 2020;3;e1918911	3
3724	S. L. Zhang, T.Zhang, Q.Zhang, S.Liu, G.Ji, C.Guo, H., Comparison of perioperative outcomes in robot-assisted radical cystectomy and laparoscopic radical cystectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2074	13
3725	T. J. Dalager, P. T.Eriksen, J. R.Jakobsen, H. L.Mogensen, O.Sogaard, K., Surgeons' posture and muscle strain during laparoscopic and robotic surgery. British Journal of Surgery. 2020;107;756-766	3
3726	H. L. N. Yao, J. C.Lin, Y. K.Chen, C. C.Chang, S. W.Kuo, L. J., Robotic Transanal Minimally Invasive Surgery for Rectal Lesions. Surgical Innovation. 2020;27;181-186	3
3727	B. S. Brandt, V.Basaran, D.Kuhn, T.LaVigne, K.Gardner, G. J.Sonoda, Y.Chi, D. S.Long Roche, K. C.Mueller, J. J.Jewell, E. L.Broach, V. A.Zivanovic, O.Abu-Rustum, N. R.Leitao, M. M., Jr., Minimally invasive surgery versus laparotomy for radical hysterectomy in the management of early-stage cervical cancer: Survival outcomes. Gynecologic Oncology. 2020;156;591-597	2
3728	G. S. Aldosary, J.Holmes, O.Lavigne, B.Althobaity, W.Sheikh, A.Foottit, C.Vandervoort, E., Geometric inaccuracy and co-registration errors for CT, DynaCT and MRI images used in robotic stereotactic radiosurgery treatment planning. Physica Medica. 2020;69;212-222	3
3729	H. I. Nasser, T.Ranjal, R. S.Leonard-Murali, S.Genaw, J., Perioperative Outcomes of Robotic Versus Laparoscopic Sleeve Gastrectomy in the Super-obese. Journal of Surgical Research. 2020;249;34-41	12
3730	H. B. Awad, M.Ramadan, M. E.Shabsigh, A.Backes, F.Craven, M. A.Abdel-Rasoul, M.Bergese, S. D.Slabaugh, M., The Effect of Increased Intraocular Pressure During Steep Trendelenburg Positioning in Robotic Prostatectomy and Hysterectomy on Structural and Functional Ocular Parameters. Anesthesia & Analgesia. 2020;130;975-982	3
3731	T. K. Mikada, T.Kawase, T.Miyazaki, T.Kawashima, K., Three-dimensional posture estimation of robot forceps using endoscope with convolutional neural network. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2062	3

3732	T. J. B. Worlton, J.Gadbois, K.Lefringhouse, J.Lockrow, E., The Impact of Robotic-Assisted Technology on Attitudes of Host Nation Individuals Participating in Pacific Partnership 2018: Improving Partnerships Through Technology. Military Medicine. 2020;185;368-370	3
3733	K. S. Tucker, S. A.Gehrig, P. A.Soper, J. T.Boggess, J. F.Ivanova, A.Rossi, E., Defining the learning curve for successful staging with sentinel lymph node biopsy for endometrial cancer among surgeons at an academic institution. International Journal of Gynecological Cancer. 2020;30;346-351	2
3734	K. S. Refaai, M. A.Elabbady, A.Sameh, W.Thurairaja, R.Nair, R.Dasgupta, P.Khan, M. S.Mohamed, E., Perioperative Outcomes of Open Retrograde Extraperitoneal Versus Intracorporeal Robot-assisted Radical Cystoprostatectomy in Men: A Dual-center Comparative Study. Clinical Genitourinary Cancer. 2020;18;e315-e323	12
3735	J. W. M. Shim, H. K.Park, Y. H.Park, M.Park, J.Lee, H. M.Kim, Y. S.Moon, Y. E.Hong, S. H.Chae, M. S., Intraoperative changes in whole-blood viscosity in patients undergoing robot-assisted laparoscopic prostatectomy in the steep Trendelenburg position with pneumoperitoneum: a prospective nonrandomized observational cohort study. BMC Anesthesiology. 2020;20;7	3
3736	J. S. Herzog, M.Jensen, K. M.Lauridsen, J. T.Jensen, A. G., A randomised controlled trial of lidocaine infusion on post-operative opioid consumption in patients undergoing robotic colorectal surgery. Danish Medical Journal. 2020;67;	3
3737	T. O. Yoshida, Y.Tomita, K.Tsuru, T.Kageyama, S.Narita, M.Kawauchi, A., Off-clamp tumor excision using soft coagulation in laparoscopic and robotic partial nephrectomy. Asian Journal of Endoscopic Surgery. 2020;13;519-525	5
3738	L. J. R.-B. Herrinton, T.Liu, L.Alexeeff, S. E.Ramos, W.Suh-Burgmann, B., Outcomes of Robotic Hysterectomy for Treatment of Benign Conditions: Influence of Patient Complexity. Permanente Journal. 2020;24;	4
3739	S. J. Shim, D.Lee, S.Choi, H.Hong, J., Compact Bone Surgery Robot With a High-Resolution and High-Rigidity Remote Center of Motion Mechanism. IEEE Transactions on Biomedical Engineering. 2020;67;2497-2506	3
3740	S. L. Cai, G.Su, E.Wei, X.Huang, S.Ma, K.Zheng, H.Xie, L., Real-Time Detection of Compensatory Patterns in Patients With Stroke to Reduce Compensation During Robotic Rehabilitation Therapy. IEEE Journal of Biomedical & Health Informatics. 2020;24;2630-2638	2
3741	J. Y. Wang, X.Li, P.Song, S.Liu, L.Meng, M. Q., Design of a multi-arm concentric-tube robot system for transnasal surgery. Medical & Biological Engineering & Computing. 2020;58;497-508	3
3742	C. X. H. Hong, P. K.Gutkind, N.Harvie, H. S.Arya, L. A.Andy, U. U., Perioperative adverse events in women over age 65 undergoing robot-assisted sacrocolpopexy. International Urogynecology Journal. 2020;31;1463-1470	3
3743	Y. H. Bando, N.Terakawa, T.Furukawa, J.Harada, K.Nakano, Y.Fujisawa, M., Diagnostic and therapeutic value of pelvic lymph node dissection in the fossa of Marcille in patients with clinically localized high-risk prostate cancer: Histopathological and molecular analyses. Prostate. 2020;80;345-351	2
3744	F. C. Porpiglia, E.Amparore, D.Piramide, F.Volpi, G.Granato, S.Verri, P.Manfredi, M.Bellin, A.Piazzolla, P.Autorino, R.Morra, I.Fiori, C.Mottrie, A., Three-dimensional Augmented Reality Robot-assisted Partial Nephrectomy in Case of Complex Tumours (PADUA >=10): A New Intraoperative Tool Overcoming the Ultrasound Guidance. European Urology. 2020;78;229-238	3
3745	P. L. Fuenmayor, H. J.Plasencia, G.Karmaker, A.Mata, W.Vecin, N., Robotic-assisted ventral and incisional hernia repair with hernia defect closure and intraperitoneal onlay mesh (IPOM) experience. Journal of Robotic Surgery. 2020;14;695-701	3

3746	Y. O. Torun, A., A New Breakthrough Detection Method for Bone Drilling in Robotic Orthopedic Surgery with Closed-Loop Control Approach. Annals of Biomedical Engineering. 2020;48;1218-1229	7
3747	S. T. Rawal, D. E., Jr.Brewer, P., Robotic-Assisted Prosthetically Driven Planning and Immediate Placement of a Dental Implant. Compendium of Continuing Education in Dentistry. 2020;41;26-30; quiz 31	3
3748	J. Y. Lu, C.Xu, B.Xie, J.Li, P.Zheng, C.Huang, C.Yoon, S. S., Long-Term Survival after Minimally Invasive Versus Open Gastrectomy for Gastric Adenocarcinoma: A Propensity Score-Matched Analysis of Patients in the United States and China. Annals of Surgical Oncology. 2020;27;802-811	3
3749	A. B. T. Porcaro, A.Sebben, M.Amigoni, N.Shakir, A.Corsi, P.Processali, T.Pirozzi, M.Rizzetto, R.Bernasconi, R.Cerrato, C.Tiso, L.Migliorini, F.Novella, G.Brunelli, M.De Marco, V.Siracusano, S.Artibani, W., Linear extent of positive surgical margin impacts biochemical recurrence after robot-assisted radical prostatectomy in a high-volume center. Journal of Robotic Surgery. 2020;14;663-675	3
3750	T. L. Hussain, S.Haskamp, P.Holtmann, L.Hoing, B.Mattheis, S., The Flex robotic system compared to transoral laser microsurgery for the resection of supraglottic carcinomas: first results and preliminary oncologic outcomes. European Archives of Oto-Rhino-Laryngology. 2020;277;917-924	3
3751	V. S. Kurbatov, M.Baratta, V.Heller, D. R.Freedman-Weiss, M.Resio, B. J.Fleming, M.Yoo, P. S., Application of Advanced Bioinformatics to Understand and Predict Burnout Among Surgical Trainees. Journal of Surgical Education. 2020;77;499-507	2
3752	F. X. D. Madec, C.Cornu, J. N., Evaluation and comparison of basic gestures in ex vivo laparoscopic surgery using a robotic instrument and traditional laparoscopic instruments. Progres en Urologie. 2020;30;58-63	7
3753	J. A. K. Burger, L. J.Laas, N.Pearle, A. D., Mid-term survivorship and patient-reported outcomes of robotic-arm assisted partial knee arthroplasty. Bone & Joint Journal. 2020;102-B;108-116	3
3754	M. V. S. Myklebust, H.Hartvik, M.Dysvik, E., Anesthesia Professionals' Perspectives of Teamwork During Robotic-Assisted Surgery. AORN Journal. 2020;111;87-96	3
3755	T. N. Ojima, M.Hayata, K.Yamaue, H., Laparoscopic Roux-en-Y reconstruction using conventional linear stapler in robotic total gastrectomy for gastric cancer. Surgical Oncology. 2020;33;44814	8
3756	J. Z. Guo, X.Zhang, C.Wang, G.Fu, B., Comparison Studies of "Ultrathin Parenchyma" Resection and Sharp Dissection in Robotic Partial Nephrectomy for Renal Tumors. Journal of Endourology. 2020;34;281-288	3
3757	H. Q. Chen, M.Lian, B. J.Wang, H. F.Wang, Y.Dong, Z. Y.Zhu, F.Shi, Z. K.Jia, Z. P.Sun, Y. H.Gao, X., Short-term therapeutic outcomes of robotic-assisted laparoscopic radical prostatectomy for oligometastatic prostate cancer: a propensity score matching study. Chinese Medical Journal. 2020;133;127-133	3
3758	S. T. Feng, W.Wei, Y., Clinical Effects of Oblique Lateral Interbody Fusion by Conventional Open versus Percutaneous Robot-Assisted Minimally Invasive Pedicle Screw Placement in Elderly Patients. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2020;12;86-93	12
3759	J. O. Douissard, V.Johnson, C. S.Hagen, M. E.Keller, D.Ouellette, J. R.Hellan, M., Totally robotic vs hybrid abdominoperineal resection: A retrospective multicenter analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2073	3
3760	L. Z. Chen, F.Zhan, W.Gan, M.Sun, L., Research on the accuracy of three-dimensional localization and navigation in robot-assisted spine surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2071	3

3761	I. A. B. Bilgin, M.Benlice, C.Esen, E.Ozben, V.Aytac, E.Baca, B.Hamzaoglu, I.Karahasanoglu, T., Totally laparoscopic and totally robotic surgery in patients with left-sided colonic diverticulitis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2068	12
3762	A. E. S. Kahn, A. M.Galler, I. J.Ball, C. T.Thiel, D. D., Contact surface area and its association with outcomes in robotic-assisted partial nephrectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2069	3
3763	D. J. P. Bonda, R.Goldstein, T.Varghese, A.Shah, A.Rodgers, S., Robotic Surgical Assistant Rehearsal: Combining 3-Dimensional-Printing Technology With Preoperative Stereotactic Planning for Placement of Stereoencephalography Electrodes. Operative Neurosurgery. 2020;19;190-194	3
3764	J. L. Song, T.Hopkins, L.Fung-Kee-Fung, M.Lupe, K.Gaudet, M.E, C.Samant, R., A comparison of disease recurrence between robotic versus laparotomy approach in patients with intermediate-risk endometrial cancer. International Journal of Gynecological Cancer. 2020;30;160-166	13
3765	X. F. S. Le, Z.Wang, Q. L.Xu, Y. F.Zhao, J. W.Tian, W., Rate and Risk Factors of Superior Facet Joint Violation during Cortical Bone Trajectory Screw Placement: A Comparison of Robot-Assisted Approach with a Conventional Technique. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2020;12;133-140	2
3766	S. C. Kobayashi, B.Mutaguchi, J.Inokuchi, J.Tatsugami, K.Hashizume, M.Eto, M., Surgical Navigation Improves Renal Parenchyma Volume Preservation in Robot-Assisted Partial Nephrectomy: A Propensity Score Matched Comparative Analysis. Journal of Urology. 2020;204;149-156	3
3767	C. C. N. DeStephano, J. F.Heckman, M. G.Banks, E.Hur, H. C., ACOG Simulation Working Group: A Needs Assessment of Simulation Training in OB/GYN Residencies and Recommendations for Future Research. Journal of Surgical Education. 2020;77;661-670	8
3768	D. P. G. Viros Porcuna, C.Vina Soria, C.Cirauqui Cirauqui, B.Pardo Munoz, L.Collura, F.Mesia Nin, R., Transoral robotic surgery for squamous cell carcinoma of the oropharynx in a primarily human papillomavirus-negative patient population. Clinical & Translational Oncology: Official Publication of the Federation of Spanish Oncology Societes & of the National Cancer Institute of Mexico. 2020;22;1303-1311	3
3769	A. J. K. Stephens, J. A.Fitzsimmons, C. K.Manyam, M.Kendrick, J. E.Singh, C.McKenzie, N. D.Ahmad, S.Holloway, R. W., Robotic sentinel lymph node (SLN) mapping in endometrial cancer: SLN symmetry and implications of mapping failure. International Journal of Gynecological Cancer. 2020;30;305-310	3
3770	R. M. B. Terra, B. J.Haddad, R.Milanez-de-Campos, J. R.Nabuco-de-Araujo, P. H. X.Teixeira-Lima, C. E.Santos, F. B. D.Lauricella, L. L.Pego-Fernandes, P. M., Robotic thoracic surgery for non-small cell lung cancer: initial experience in Brazil. Jornal Brasileiro De Pneumologia: Publicacao Oficial Da Sociedade Brasileira De Pneumologia E Tisilogia. 2020;46;e20190003	3
3771	R. M. M.-d.-C. Terra, J. R.Haddad, R.Trindade, J. R. M.Lauricella, L. L.Bibas, B. J.Pego-Fernandes, P. M., Robotic thoracic surgery for resection of thymoma and tumors of the thymus: technical development and initial experience. Jornal Brasileiro De Pneumologia: Publicacao Oficial Da Sociedade Brasileira De Pneumologia E Tisilogia. 2020;46;e20180315	3
3772	G. M. Corrado, L.Bogliolo, S.Cela, V.Gardella, B.Sperduti, I.Certelli, C.Pellegrini, A.Posar, G.Zampa, A.Tateo, S.Gadducci, A.Spinillo, A.Vizza, E., Comparison between single-site and multiport robot-assisted hysterectomy in obese patients with endometrial cancer: An Italian multi-institutional study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2066	3

3773	A. L. C. Isenberg, H. I.von Buchwald, C.Rubek, N.Friborg, J.Kiss, K.Charabi, B. W., Transoral robotic surgery: a 4-year learning experience in a single Danish Cancer Centre. Acta Oto-Laryngologica. 2020;140;157-162	3
3774	I. B. K. Shin, D. H.Ko, M. J.Kim, S. H.Bae, D. S., A prospective, randomized controlled study of the safety and efficacy of gasless bilateral axillo-breast approach (BABA) robotic thyroidectomy. Surgical Endoscopy. 2020;34;4846-4856	3
3775	L. M. Mutelica, P.Kara, O.Dagenais, J.Maurice, M. J.Kaouk, J. H., No ischemia technique, parenchymal preservation and age are the most important determinants of renal function after partial nephrectomy. Progres en Urologie. 2020;30;44631	3
3776	J. A. Kaouk, A.Wilson, C. A.Sawczyn, G.Garisto, J.Francavilla, S.Abern, M.Crivellaro, S., Extraperitoneal versus Transperitoneal Single Port Robotic Radical Prostatectomy: A Comparative Analysis of Perioperative Outcomes. Journal of Urology. 2020;203;1135-1140	3
3777	M. V. d. V. Koning, R.Teunissen, A. J. W.Gan, M.Ruijgrok, E. J.de Graaff, J. C.Koopman, JshaStolker, R. J., The effect of intrathecal bupivacaine/morphine on quality of recovery in robot-assisted radical prostatectomy: a randomised controlled trial. Anaesthesia. 2020;75;599-608	3
3778	G. C. B. Lee, L. G.Francone, T. D.Blaszkowsky, L. S.Goldstone, R. N.Ricciardi, R.Kunitake, H.Qadan, M., Superior pathologic and clinical outcomes after minimally invasive rectal cancer resection, compared to open resection. Surgical Endoscopy. 2020;34;3435-3448	2
3779	M. K. Forslund Jacobsen, L.Alberti, M.la Cour, M.Park, Y. S.Thomsen, A. S. S., ROBOT-ASSISTED VITREORETINAL SURGERY IMPROVES SURGICAL ACCURACY COMPARED WITH MANUAL SURGERY: A Randomized Trial in a Simulated Setting. Retina. 2020;40;2091-2098	4
3780	S. L. Won, N.Kim, M.Kim, M. K.Kim, M. L.Jung, Y. W.Yun, B. S.Seong, S. J., Robotic single-site myomectomy: A hybrid technique reducing operative time and blood loss. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2061	3
3781	S. D. He, D.Wright, M. J.Groshek, L.Javed, A. A.Ka-Wan Chu, K.Burkhart, R. A.Cameron, J. L.Weiss, M. J.Wolfgang, C. L.He, J., The impact of high body mass index on patients undergoing robotic pancreatectomy: A propensity matched analysis. Surgery. 2020;167;556-559	12
3782	A. T. Mari, R.Di Maida, F.Campi, R.Barzaghi, P.Tasso, G.Sforza, S.Tuccio, A.Siena, G.Masieri, L.Carini, M.Minervini, A., Predictors of early postoperative and mid-term functional outcomes in patients treated with Endoscopic Robot-Assisted Simple Enucleation (ERASE): results from a tertiary referral center. Minerva Urologica e Nefrologica. 2020;72;490-497	3
3783	M. C. Rossanese, A.Giannarini, G.Calandriello, M.Alario, G.Simonato, A.Ficarra, V., Absolok R versus Hem-o-Lok R clips for renorrhaphy during partial nephrectomy for parenchymal renal tumors. Minerva Urologica e Nefrologica. 2020;72;91-98	3
3784	M. T. Sebben, A.Pirozzi, M.Processali, T.Rizzetto, R.Amigoni, N.Shakir, A.De Michele, M.Panunzio, A.Cerrato, C.Tiso, L.Novella, G.Brunelli, M.Migliorini, F.De Marco, V.Siracusano, S.Artibani, W.Porcaro, A. B., Open approach, extended pelvic lymph node dissection, and seminal vesicle invasion are independent predictors of hospital readmission after prostate cancer surgery: a large retrospective study. Minerva Urologica e Nefrologica. 2020;72;72-81	5
3785	H. W. Chen, W.Ying, X.Deng, X.Peng, C.Cheng, D.Shen, B., Predictive factors for postoperative pancreatitis after pancreaticoduodenectomy: A single-center retrospective analysis of 1465 patients. Pancreatology. 2020;20;211-216	2
3786	S. T. Jeong, K., Manipulation of a master manipulator with a combined-grip-handle of pinch and power grips. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2065	2

3787	W. Y. Liu, Z.Jiang, S.Feng, D.Zhang, D., Design and implementation of a new cable-driven robot for MRI-guided breast biopsy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2063	2
3788	G. A. Hattab, M.Strenger, L.Allan, M.Arsentjeva, D.Gold, O.Simpfendorfer, T.Maier-Hein, L.Speidel, S., Kidney edge detection in laparoscopic image data for computer-assisted surgery : Kidney edge detection. International Journal of Computer Assisted Radiology & Surgery. 2020;15;379-387	2
3789	K. S. Takahara, M.Fukaya, K.Jyoudai, T.Nishino, M.Hikichi, M.Nukaya, T.Zennami, K.Ichino, M.Fukami, N.Sasaki, H.Kusaka, M.Shiroki, R., Predictors for trifecta achievement of robot-assisted partial nephrectomy in high-complexity tumors (Preoperative Aspects and Dimensions Used for an Anatomical score >=10). Asian Journal of Endoscopic Surgery. 2020;13;390-396	3
3790	Z. A. C. Abedali, A. C.Large, T.Koch, M. O.Lingeman, J. E.Boris, R. S., Robot-Assisted Radical Prostatectomy in Patients with a History of Holmium Laser Enucleation of the Prostate: The Indiana University Experience. Journal of Endourology. 2020;34;163-168	3
3791	F. M. Gharagozloo, M.Tempesta, B.Werden, S., Robotic First Rib Resection for Thoracic Outlet Syndrome. Surgical Technology International. 2020;36;239-244	3
3792	I. T. I. Konstantinidis, P.Woo, Y.Warner, S. G.Melstrom, K.Kim, J.Singh, G.Lee, B.Fong, Y.Melstrom, L. G., Trends and outcomes of robotic surgery for gastrointestinal (GI) cancers in the USA: maintaining perioperative and oncologic safety. Surgical Endoscopy. 2020;34;4932-4942	2
3793	D. K. Tkatschenko, P.Czabanka, M.Bohner, G.Vajkoczy, P.Hecht, N., Navigated percutaneous versus open pedicle screw implantation using intraoperative CT and robotic cone-beam CT imaging. European Spine Journal. 2020;29;803-812	2
3794	J. J. L. Mueller, M. M., Sentinel lymph node mapping for uterine cancer: a practical illustration of injection and mapping techniques using robot-assisted fluorescence imaging. International Journal of Gynecological Cancer. 2020;30;407	3
3795	R. A. B. McGovern, R. S.Bena, J.Gonzalez-Martinez, J., Incorporating New Technology Into a Surgical Technique: The Learning Curve of a Single Surgeon's Stereo-Electroencephalography Experience. Neurosurgery. 2020;86;E281-E289	3
3796	V. T. Aliyev, H.Goksel, S.Meric, S.Acar, S.Kaya, H.Asoglu, O., The long-term oncological outcomes of the 140 robotic sphincter-saving total mesorectal excision for rectal cancer: a single surgeon experience. Journal of Robotic Surgery. 2020;14;655-661	3
3797	K. J. H. Sowards, N. F.Elliott, E. G.Hall, J.Bajwa, K. S.Snyder, B. E.Wilson, T. D.Mehta, S. S.Walker, P. A.Chandwani, K. D.Klein, C. L.Rivera, A. R.Wilson, E. B.Shah, S. K.Felinski, M. M., Safety of robotic assisted laparoscopic recurrent paraesophageal hernia repair: insights from a large single institution experience. Surgical Endoscopy. 2020;34;2560-2566	3
3798	A. L. S. Bastawrous, I. F.Li, Y.Cleary, R. K., Minimally invasive sigmoidectomy for diverticular disease decreases inpatient opioid use: Results of a propensity score-matched study. American Journal of Surgery. 2020;220;421-427	2
3799	J. Z. Shen, N.Taoum, C.Aiche, G.Dillenseger, J. L.Rouanet, P.Poignet, P., Transrectal ultrasound image-based real-time augmented reality guidance in robot-assisted laparoscopic rectal surgery: a proof-of-concept study. International Journal of Computer Assisted Radiology & Surgery. 2020;15;531-543	3
3800	L. S. Masieri, S.Grosso, A. A.Cini, C.Viola, L.Tellini, R.Mari, A.Di Maida, F.Minervini, A.Carini, M., Does the body weight influence the outcome in children treated with robotic pyeloplasty?. Journal of pediatric urology. 2020;16;109.e1-109.e6	3

3801	J. S. N. Peng, S. J.Hochwald, S. N.Kukar, M., Technique for Robotic Ivor Lewis Esophagectomy with 6-cm Linear Stapled Side-to-Side Anastomosis. Annals of Surgical Oncology. 2020;27;824	3
3802	T. C. L. Chen, J. T., Robotic natural orifice specimen extraction (NOSE) total colectomy with ileorectal anastomosis: a step-by-step video-guided technical note. Techniques in Coloproctology. 2020;24;79-84	8
3803	G. W. Mattioli, M. C. Y.Angotti, R.Mazzola, C.Arrigo, S.Gandullia, P.Mancardi, M.Fusi, G.Messina, M.Zanaboni, C.Razore, B.Barabino, A.Molinaro, F., Total oesophago-gastric dissociation in neurologically impaired children: Laparoscopic vs robotic approach. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2048	12
3804	V. D. S. Plat, W. T.Schoonmade, L. J.Heineman, D. J.van der Peet, D. L.Daams, F., Implementation of robot-assisted Ivor Lewis procedure: Robotic hand-sewn, linear or circular technique?. American Journal of Surgery. 2020;220;62-68	8
3805	N. X. N. Anh, R. M.Chauhan, S., Towards near real-time assessment of surgical skills: A comparison of feature extraction techniques. Computer Methods & Programs in Biomedicine. 2020;187;105234	2
3806	M. L. N. Ramanitharan, D.Sreenivasan, S. R.Sidhartha, K.Mehra, K.Rajiv, K.Khelge, V., Outcomes of Robot-Assisted Ureterocalicostomy in Secondary Ureteropelvic Junction in Adults: Initial Experience Using Da Vinci Xi System with Near-Infrared Fluorescence Imaging. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;48-52	3
3807	D. A. P. Lungu, F.De Rosis, S.Romano, G.Melfi, F., Implementing successful systematic Patient Reported Outcome and Experience Measures (PROMs and PREMs) in robotic oncological surgery-The role of physicians. International Journal of Health Planning & Management. 2020;35;773-787	3
3808	J. J. K. Oh, J. K.Lee, H.Lee, S.Jin Jeong, S.Kyu Hong, S.Eun Lee, S.Byun, S. S., Effect of personalized extracorporeal biofeedback device for pelvic floor muscle training on urinary incontinence after robot-assisted radical prostatectomy: A randomized controlled trial. Neurourology & Urodynamics. 2020;39;674-681	3
3809	O. D. D. Cohen, G. W.Nolan, I. T.Maffucci, F.Bluebond-Langner, R.Zhao, L. C., Robotic Excision of Vaginal Remnant/Urethral Diverticulum for Relief of Urinary Symptoms Following Phalloplasty in Transgender Men. Urology. 2020;136;158-161	3
3810	B. C. H. Sheu, K. J.Huang, S. C.Chang, W. C., Comparison of uterine scarring between robot-assisted laparoscopic myomectomy and conventional laparoscopic myomectomy. Journal of Obstetrics & Gynaecology. 2020;40;974-980	4
3811	G. O. S. Bom Braga, D.Muller, F.Hermann, J.Weber, S.Caversaccio, M., Feasibility of Pediatric Robotic Cochlear Implantation in Phantoms. Otology & Neurotology. 2020;41;e192-e200	3
3812	W. L. Deng, J.Liu, X.Chen, L.Liu, W.Zhou, X.Zhu, J.Fu, B.Wang, G., Robot-assisted versus laparoscopic partial nephrectomy for anatomically complex T1b renal tumors with a RENAL nephrometry score >=7: A propensity score-based analysis. Cancer Medicine. 2020;9;586-594	13
3813	S. L. Swisher-McClure, J. N.Aggarwal, C.Ahn, P.Basu, D.Bauml, J. M.Brody, R.Chalian, A.Cohen, R. B.Fotouhi-Ghiam, A.Geiger, G.Gershowitz, J.Livolsi, V.Mitra, N.Montone, K.Newman, J.Ojerholm, E.O'Malley, B., Jr.Rajasekaran, K.Tan, E.Weinstein, G.Lin, A., A Phase 2 Trial of Alternative Volumes of Oropharyngeal Irradiation for De-intensification (AVOID): Omission of the Resected Primary Tumor Bed After Transoral Robotic Surgery for Human Papilloma Virus-Related Squamous Cell Carcinoma of the Oropharynx. International Journal of Radiation Oncology, Biology, Physics. 2020;106;725-732	3

3814	M. B. Turhan, A., Robotic Tongue-Base Resection Combined With Tongue-Base Suspension for Obstructive Sleep Apnea. Laryngoscope. 2020;130;2285-2291	3
3815	J. M. Casarin, F.Tortorella, L.Cappuccio, S.Weaver, A. L.Ghezzi, F.Cilby, W.Kumar, A.Langstraat, C.Glaser, G.Mariani, A., Sentinel lymph node biopsy for robotic-assisted endometrial cancer staging: further improvement of perioperative outcomes. International Journal of Gynecological Cancer. 2020;30;41-47	5
3816	J. S. Casarin, C.Multinu, F.Cappuccio, S.Liu, E.Butler, K. A.Glaser, G. E.Cliby, W. A.Langstraat, C. L.Ghezzi, F.Fu, A. Z.Mariani, A., Implementing robotic surgery for uterine cancer in the United States: Better outcomes without increased costs. Gynecologic Oncology. 2020;156;451-458	13
3817	W. H. Williams, 3rdCata, J. P.Lasala, J. D.Navai, N.Feng, L.Gottumukkala, V., Effect of reversal of deep neuromuscular block with sugammadex or moderate block by neostigmine on shoulder pain in elderly patients undergoing robotic prostatectomy. British Journal of Anaesthesia. 2020;124;164-172	3
3818	P. A. B. Ebeling, K. G.Van Sickle, K. R.Al-Fayyadh, M. J.Willis, R. E.Marcano, J.Erwin, D.Kempenich, J. W., Resident training experience with robotic assisted transabdominal preperitoneal inguinal hernia repair. American Journal of Surgery. 2020;219;278-282	2
3819	R. W. B. Aggarwal, J.Kinross, J.von Roon, A.Darzi, A.Purkayastha, S., Initial Experience With a New Robotic Surgical System for Cholecystectomy. Surgical Innovation. 2020;27;136-142	12
3820	P. H. Rodrigues Armijo, C. K.Carlson, T.Oleynikov, D.Siu, K. C., Ergonomics Analysis for Subjective and Objective Fatigue Between Laparoscopic and Robotic Surgical Skills Practice Among Surgeons. Surgical Innovation. 2020;27;81-87	1
3821	S. L. Huberlant, J.Neron, M.Ranisavljevic, N.Letouzey, V.De Tayrac, R.Masia, F.Warembourg, S., Fertility and obstetrical outcomes after robot-assisted laparoscopic myomectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2059	3
3822	A. K. Shono, N.Fujihara, T.Bohm, S. H.Waldmann, A. D.Ugata, K.Nikai, T.Saito, Y., Positive End-expiratory Pressure and Distribution of Ventilation in Pneumoperitoneum Combined with Steep Trendelenburg Position. Anesthesiology. 2020;132;476-490	3
3823	X. L. Tan, Y.Chng, C. B.Lim, K. B.Chui, C. K., Robot-assisted flexible needle insertion using universal distributional deep reinforcement learning. International Journal of Computer Assisted Radiology & Surgery. 2020;15;341-349	2
3824	M. S. Antico, F.Dunnhofer, M.Camps, S. M.Jaiprakash, A. T.Pandey, A. K.Crawford, R.Carneiro, G.Fontanarosa, D., Deep Learning-Based Femoral Cartilage Automatic Segmentation in Ultrasound Imaging for Guidance in Robotic Knee Arthroscopy. Ultrasound in Medicine & Biology. 2020;46;422-435	2
3825	M. S. Pastrana, J.Claros, L.El Chaar, M., Outcomes of robotic bariatric surgery in super-obese patients: first report based on MBSAQIP database. Surgery for Obesity & Related Diseases. 2020;16;71-79	3
3826	T. H. t. Fitzpatrick, B. D.Magister, M. J.Waltonen, J. D.Browne, J. D.Sullivan, C. A., Surgical management of Eagle syndrome: A 17-year experience with open and transoral robotic styloidectomy. American Journal of Otolaryngology. 2020;41;102324	12
3827	N. K. C. Sankaran, P.Kesavadas, T., Force calibration for an endovascular robotic system with proximal force measurement. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2045	3
3828	T. C. C. Chang, Y. T.Yen, M. H.Kiu, K. T., Single-Incision Robotic Colectomy: Comparison of Short-Term Outcomes with Multiport Robotic Colectomy. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;183-187	3

3829	M. W. D. Hennon, L. H.Groman, A.Demmy, T. L.Yendamuri, S., The association of nodal upstaging with surgical approach and its impact on long-term survival after resection of non-small-cell lung cancer. European Journal of Cardio-Thoracic Surgery. 2020;57;888-895	13
3830	W. C. H. Kethman, A. H. S.Morris, A. M.Shelton, A.Kirilcuk, N.Kin, C., Oncologic and Perioperative Outcomes of Laparoscopic, Open, and Robotic Approaches for Rectal Cancer Resection: A Multicenter, Propensity Score-Weighted Cohort Study. Diseases of the Colon & Rectum. 2020;63;46-52	12
3831	B. Q. B. Smith, J. D.Thomas, E. D.Turner, T. B.McGwin, G., Jr.Stisher, A. M.Leath, C. A., 3rdNovak, L.Huh, W. K., The Reliability of Intraoperative Assessment on Predicting Tumor Size, Myometrial Invasion, and Cervical Involvement in Patients With a Preoperative Diagnosis of Complex Atypical Hyperplasia or (Clinical Stage I) Endometrial Cancer: A Prospective Cohort Study. American Journal of Clinical Oncology. 2020;43;122-127	3
3832	L. F. Zaccaria, E. J.Minevich, E. A.Schulte, M. E.Noh, P. H., Long-Term Follow-Up of Laparoendoscopic Single-Site Partial Nephrectomy for Nonfunctioning Moieties of Renal Duplication and Fusion Anomalies in Infants and Children. Journal of Endourology. 2020;34;134-138	3
3833	A. K. Neheman, E.Koucherov, S.Kafka, I.Gaber, J.Noh, P. H.Zisman, A.Chertin, B., A Novel Surgical Technique for Obstructed Megaureter: Robot-Assisted Laparoscopic Dismembered Extravesical Cross-Trigonal Ureteral Reimplantation-Short-Term Assessment. Journal of Endourology. 2020;34;249-254	3
3834	M. S. Casiraghi, G.Diotti, C.Mariolo, A. V.Galetta, D.Tessitore, A.Maisonneuve, P.Spaggiari, L., Postoperative outcomes of robotic-assisted lobectomy in obese patients with non-small-cell lung cancer. Interactive Cardiovascular & Thoracic Surgery. 2020;30;359-365	13
3835	M. K. W. Hong, Y. C.Chu, T. Y.Wang, J. H.Ding, D. C., Safety and efficacy of contained manual morcellation during laparoscopic or robotic gynecological surgery. International Journal of Gynaecology & Obstetrics. 2020;148;168-173	3
3836	E. d. B. Leijte, I.Van Workum, F.Rosman, C.Botden, S., Robot assisted versus laparoscopic suturing learning curve in a simulated setting. Surgical Endoscopy. 2020;34;3679-3689	4
3837	A. M. Z. Villano, A.Houlihan, B. K.Bayasi, M.Al-Refaie, W. B.Chan, K. S., Minimally Invasive Surgery for Colorectal Cancer: Hospital Type Drives Utilization and Outcomes. Journal of Surgical Research. 2020;247;180-189	5
3838	M. L. Hwang, S. W.Park, K. C.Sul, H. J.Kwon, D. S., Evaluation of a robotic arm-assisted endoscope to facilitate endoscopic submucosal dissection (with video). Gastrointestinal Endoscopy. 2020;91;699-706	7
3839	L. T. Chen, W.John, N. W.Wan, T. R.Zhang, J. J., De-smokeGCN: Generative Cooperative Networks for Joint Surgical Smoke Detection and Removal. IEEE Transactions on Medical Imaging. 2020;39;1615-1625	2
3840	M. T. Draelos, G.Keller, B.Kuo, A.Hauser, K.Izatt, J. A., Optical Coherence Tomography Guided Robotic Needle Insertion for Deep Anterior Lamellar Keratoplasty. IEEE Transactions on Biomedical Engineering. 2020;67;2073-2083	3
3841	R. G. Abaza, R. S.Martinez, O., Robotic Radical Nephrectomy for Massive Renal Tumors. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;196-200	3
3842	P. S. Gorphe, H.Moya-Plana, A., Cervical-transoral robotic nasopharyngectomy: A preclinical study. Head & Neck. 2020;42;394-400	7

3843	R. E. K. Beard, S.Troisi, R. I.Montalti, R.Vanlander, A.Fong, Y.Kingham, T. P.Boerner, T.Berber, E.Kahramangil, B.Buell, J. F.Martinie, J. B.Vrochides, D.Shen, C.Molinari, M.Geller, D. A.Tsung, A., Long-Term and Oncologic Outcomes of Robotic Versus Laparoscopic Liver Resection for Metastatic Colorectal Cancer: A Multicenter, Propensity Score Matching Analysis. World Journal of Surgery. 2020;44;887-895	12
3844	A. L. R. Malkani, M. W.Kolisek, F. R.Gustke, K. A.Hozack, W. J.Sodhi, N.Acuna, A.Vakharia, R.Salem, H. S.Jaggard, C.Smith, L.Mont, M. A., Manipulation Under Anesthesia Rates in Technology-Assisted versus Conventional-Instrumentation Total Knee Arthroplasty. Surgical Technology International. 2020;36;336-340	12
3845	W. W. L. Kim, Y. M.Chung, K. W.Hong, S. J.Sung, T. Y., Safety and feasibility of reduced-port site surgery for robotic posterior retroperitoneal adrenalectomy. Surgical Endoscopy. 2020;34;4291-4297	3
3846	A. T. Settnes, M. F.Moeller, C.Dueholm, M.Kopp, T. I.Norrbom, C.Rasmussen, S. C.Froeslev, P. A.Joergensen, A.Dreisler, E.Gimbel, H., Reduced Complications Following Implementation of Laparoscopic Hysterectomy: A Danish Population-based Cohort Study of Minimally Invasive Benign Gynecologic Surgery between 2004 and 2018. Journal of Minimally Invasive Gynecology. 2020;27;1344-1353.e3	3
3847	H. A. Lescay, F.Cher, M. L.Qi, J.Linsell, S.Miller, D. C.Montie, J. E.Peabody, J.Kaffenberger, S.Morgan, T.Loeb, A.Lane, B. R.Michigan Urological Surgery Improvement, Collaborative, Pelvic lymph node dissection at robot-assisted radical prostatectomy: Assessing utilization and nodal metastases within a statewide quality improvement consortium. Urologic Oncology. 2020;38;198-203	3
3848	G. T. Samei, K.Kesch, C.Lobo, J.Hor, S.Mohareri, O.Chang, S.Goldenberg, S. L.Black, P. C.Salcudean, S., A partial augmented reality system with live ultrasound and registered preoperative MRI for guiding robot-assisted radical prostatectomy. Medical Image Analysis. 2020;60;101588	2
3849	J. S. W. Nilsson, P.Greiff, L., Transoral robotic surgery in the management of head and neck squamous cell cancer with unknown primary. Acta Oto-Laryngologica. 2020;140;85-88	3
3850	K. M. N. Rose, A. K.Faraj, K. S.Abdul-Muhsin, H. M.Syal, A.Elias, L.Moss, A. A.Eversman, W. G.Stone, W. M.Money, S. R.Davila, V. J.Tyson, M. D.Castle, E. P., Comparison of Open and Robot Assisted Radical Nephrectomy With Level I and II Inferior Vena Cava Tumor Thrombus: The Mayo Clinic Experience. Urology. 2020;136;152-157	13
3851	W. Z. Gerull, A.Awad, M., Operative performance outcomes of a simulator-based robotic surgical skills curriculum. Surgical Endoscopy. 2020;34;4543-4548	1
3852	M. D. C. Balbay, A. E.Kiremit, M. C.Koseoglu, E., Intracorporeal Studer Pouch Formation with Balbay's Technique Following Robotic Radical Cystectomy for Bladder Cancer: Experience with 22 Cases with Oncologic and Functional Outcomes. Journal of Endourology. 2020;34;273-280	3
3853	B. C. E. Chapman, M.Gleisner, A.Vogel, J. D., Outcomes in rectal cancer patients undergoing laparoscopic or robotic low anterior resection compared to open: a propensity-matched analysis of the NCDB (2010-2015). Surgical Endoscopy. 2020;34;4754-4771	12
3854	Y. S. Yang, Robotic natural orifice transluminal endoscopic surgery (NOTES) hysterectomy as a scarless and gasless surgery. Surgical Endoscopy. 2020;34;492-500	3
3855	A. G. Chen, S.Titus, M. B.Nguyen, J. H.Chen, J.Ma, R.Hung, A. J., Comparison of clinical outcomes and automated performance metrics in robot-assisted radical prostatectomy with and without trainee involvement. World Journal of Urology. 2020;38;1615-1621	3

3856	S. B. Lenart, I.Bohler, J.Bohm, R.Gutjahr, G.Hartig, N.Koller, D.Lamche, M.Madersbacher, S.Stolzlechner, M.Wayand, C. E.Ponholzer, A., Ideal timing of indwelling catheter removal after robot-assisted radical prostatectomy with a running barbed suture technique: a prospective analysis of 425 consecutive patients. World Journal of Urology. 2020;38;2177-2183	3
3857	L. D. Tosco, G.De Coster, G.Roumeguere, T.Everaerts, W.Quackels, T.Dekuyper, P.Van Cleynenbreugel, B.Van Damme, N.Van Eycken, E.Ameye, F.Joniau, S.Be, Ralp The Belgian Ralp Consortium, Development and external validation of a nomogram to predict lymph node invasion after robot assisted radical prostatectomy. Urologic Oncology. 2020;38;37.e11-37.e20	3
3858	C. M. Song, X.Xia, X.Chiu, P. W. Y.Chong, C. C. N.Li, Z., A robotic flexible endoscope with shared autonomy: a study of mockup cholecystectomy. Surgical Endoscopy. 2020;34;2730-2741	2
3859	L. C. Lenfant, R.Parra, J.Graffeille, V.Masson-Lecomte, A.Vordos, D.de La Taille, A.Roumiguie, M.Lesourd, M.Taksin, L.Misrai, V.Granger, B.Ploussard, G.Vaessen, C.Verhoest, G.Roupret, M., Robotic versus open radical cystectomy throughout the learning phase: insights from a real-life multicenter study. World Journal of Urology. 2020;38;1951-1958	13
3860	T. N. Menter, S.Baumhoer, D.Tolnay, M.Tzankov, A., Intraoperative frozen section consultation by remote whole-slide imaging analysis -validation and comparison to robotic remote microscopy. Journal of Clinical Pathology. 2020;73;350-352	2
3861	A. W. W. Johnston, S.Alkazemi, M. H.Pomann, G. M.Wood, H.Wiener, J. S.Routh, J. C., Patterns of inpatient care for prostate cancer in men with spina bifida. Disability & Health Journal. 2020;13;100866	2
3862	B. W. Facer, F.Grijalva, C. G.Alvarez, R. D.Shu, X. O., Survival outcomes for robotic-assisted laparoscopy versus traditional laparoscopy in clinical stage I epithelial ovarian cancer. American Journal of Obstetrics & Gynecology. 2020;222;474.e1-474.e12	13
3863	W. Z. Jiang, Y.Wang, C.Peng, L.Yang, Y.Liu, H., Navigation strategy for robotic soft endoscope intervention. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2056	2
3864	R. S. S. Subbarayan, M.Enders, J.Bur, A. M.Thomas, S. M., Occupational exposure of oropharyngeal human papillomavirus amongst otolaryngologists. Laryngoscope. 2020;130;2366-2371	7
3865	T. K. Iwai, T.Miyazaki, T.Haraguchi, D.Kawashima, K., Pneumatically driven surgical forceps displaying a magnified grasping torque. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2051	2
3866	F. E. Ghali, A. A.Hamilton, Z. A.Yim, K.Nasseri, R.Patel, S.Eldefrawy, A.Ryan, S.Bradshaw, A. W.Meagher, M.Bree, K.Reddy, M.Lee, H. J.Derweesh, I. H., Robotic partial nephrectomy for clinical T2a renal mass is associated with improved trifecta outcome compared to open partial nephrectomy: a single surgeon comparative analysis. World Journal of Urology. 2020;38;1113-1122	13
3867	L. A. H. Nunez Bragayrac, A. A.Attwood, K.Pop, E.James, G.Osei, J.Murekeysoni, C.Kauffman, E. C., Feasibility and continence outcomes of extended prostatic urethral preservation during robot-assisted radical prostatectomy. Prostate Cancer & Prostatic Diseases. 2020;23;286-294	3
3868	P. L. X. Shay, H.Sbitany, H.Henderson, P. W., Surgical delay of anterior chest wall prior to open coronary arterial bypass grafting surgery may decrease postoperative sternal complications. Medical Hypotheses. 2020;135;109466	3

3869	T. T. Minagawa, M.Ogawa, T.Ishizuka, O., Vorticity in lower urinary tract can be assessed and associates with urinary tract morphology in men. Neurourology & Urodynamics. 2020;39;286-294	3
3870	P. J. L. Culligan, C.Priestley, J.Mushonga, N., Long-Term Outcomes of Robotic-Assisted Laparoscopic Sacrocolpopexy Using Lightweight Y-Mesh. Female Pelvic Medicine & Reconstructive Surgery. 2020;26;202-206	3
3871	J. C. L. Na, H. H.Yoon, Y. E.Jang, W. S.Choi, Y. D.Rha, K. H.Han, W. K., True Single-Site Partial Nephrectomy Using the SP Surgical System: Feasibility, Comparison with the Xi Single-Site Platform, and Step-By-Step Procedure Guide. Journal of Endourology. 2020;34;169-174	3
3872	Y. W. Shi, Y.Wang, J.Ma, Y.Huo, Z.Jin, J.Weng, Y.Zhao, S.Deng, X.Shen, B.Peng, C., Learning curve of robot-assisted middle pancreatectomy (RMP): experience of the first 100 cases from a high-volume pancreatic center in China. Surgical Endoscopy. 2020;34;3513-3520	3
3873	P. J. D. S. Kneuertz, D. M.Richardson, M.Abdel-Rasoul, M.Moffatt-Bruce, S. D.Merritt, R. E., Long-Term Oncologic Outcomes After Robotic Lobectomy for Early-stage Non-Small-cell Lung Cancer Versus Video-assisted Thoracoscopic and Open Thoracotomy Approach. Clinical Lung Cancer. 2020;21;214-224.e2	13
3874	C. L. Cao, B. E.Melfi, F.Veronesi, G.Razzak, R.Romano, G.Novellis, P.Ranganath, N. K.Park, B. J., Outcomes of major complications after robotic anatomic pulmonary resection. Journal of Thoracic & Cardiovascular Surgery. 2020;159;681-686	3
3875	K. J. Tae, Y. B.Song, C. M.Park, J. S.Park, J. H.Kim, D. S., Safety and efficacy of transoral robotic and endoscopic thyroidectomy: The first 100 cases. Head & Neck. 2020;42;321-329	12
3876	H. Y. Han, C.Tang, Z.Qin, Y.Ruan, Y.Cao, Y.He, J., Clinical characteristics and outcomes of robot-assisted laparoscopic radical prostatectomy in HIV-positive patients: a nationwide population-based analysis. International Urology & Nephrology. 2020;52;481-487	3
3877	F. M. Zappa, D.Madoglio, A.Rampinelli, V.Ferrari, M.Tampalini, F.Fontanella, M.Nicolai, P.Doglietto, F.Peer Research Group, Hybrid Robotics for Endoscopic Skull Base Surgery: Preclinical Evaluation and Surgeon First Impression. World Neurosurgery. 2020;134;e572-e580	3
3878	L. A. Yarmus, J.Wahidi, M.Chen, A.Steltz, J. P.Solomon, S. L.Yu, D.Maldonado, F.Cardenas-Garcia, J.Molena, D.Lee, H.Vachani, A.Interventional Pulmonary Outcomes, Group, A Prospective Randomized Comparative Study of Three Guided Bronchoscopic Approaches for Investigating Pulmonary Nodules: The PRECISION-1 Study. Chest. 2020;157;694-701	7
3879	S. K. L. Laughlin-Tommaso, D.Thomas, L.Diamond, M. P.Wallace, K.Wegienka, G.Vines, A. I.Anchan, R. M.Wang, T.Maxwell, G. L.Jacoby, V.Marsh, E. E.Spies, J. B.Nicholson, W. K.Stewart, E. A.Myers, E. R., Short-term quality of life after myomectomy for uterine fibroids from the COMPARE-UF Fibroid Registry. American Journal of Obstetrics & Gynecology. 2020;222;345.e1-345.e22	2
3880	Z. Q. Cao, C.Fan, S.Yu, D.Wu, Y.Qin, J.Chen, X., Pilot study of a surgical robot system for zygomatic implant placement. Medical Engineering & Physics. 2020;75;72-78	3
3881	M. M. H. Marinho, K.Morita, A.Mitsuishi, M., SmartArm: Integration and validation of a versatile surgical robotic system for constrained workspaces. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2053	2

3882	M. W. F. Witthaus, S.Melnyk, R.Campbell, T.Saba, P.Mathews, E.Ezzat, B.Ertefaie, A.Frye, T. P.Wu, G.Rashid, H.Joseph, J. V.Ghazi, A., Incorporation and validation of clinically relevant performance metrics of simulation (CRPMS) into a novel full-immersion simulation platform for nerve-sparing robot-assisted radical prostatectomy (NS-RARP) utilizing three-dimensional printing and hydrogel casting technology. BJU International. 2020;125;322-332	2
3883	Y. P. Sun, B.Fu, Y.Cao, F., Development of a novel intelligent laparoscope system for semi-automatic minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2049	2
3884	D. J. V. Wallace, A. B.Booher, G. A.Crawford, N. R.Riggleman, J. R.Greeley, S. L.Ledonio, C. G., Navigated robotic assistance improves pedicle screw accuracy in minimally invasive surgery of the lumbosacral spine: 600 pedicle screws in a single institution. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2054	3
3885	C. C. L. Yu, C. W.Chen, Y. T.Lin, C. D.Chueh, S. J.Tsai, Y. C., Novel robot-assisted laparoscopic total extra-peritoneal repair with primary fascial closure plus pre-peritonea mesh for large groin defects. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2052	3
3886	J. K. Furukawa, H.Azuma, H.Inoue, K.Kobayashi, Y.Kashiwagi, A.Segawa, T.Takahashi, Y.Horie, S.Ogawa, O.Takenaka, A.Shiroki, R.Tanabe, K.Fujisawa, M., 'Trifecta' outcomes of robot-assisted partial nephrectomy: a large Japanese multicenter study. International Journal of Clinical Oncology. 2020;25;347-353	3
3887	H. H. Kim, M.Kim, J.You, J. M.Lim, C. S.Kwon, D. S., Effect of backlash hysteresis of surgical tool bending joints on task performance in teleoperated flexible endoscopic robot. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2047	2
3888	T. F. F. Zhang, Z.Wang, Y.Shi, W. Y.Chen, G. B.Fei, J., Lesion positioning method of a CT-guided surgical robotic system for minimally invasive percutaneous lung. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2044	2
3889	T. N. Hashimoto, J.Inoue, R.Komori, O.Yamaguchi, Y.Kashima, T.Satake, N.Nakagami, Y.Namiki, K.Nagao, T.Ohno, Y., The significance of micro-lymphatic invasion and pathological Gleason score in prostate cancer patients with pathologically organ-confined disease and negative surgical margins after robot-assisted radical prostatectomy. International Journal of Clinical Oncology. 2020;25;377-383	3
3890	H. E. S. Chen, C. C.Mirkin, K. A.Pepley, D. F.Han, D. C.Moore, J. Z.Miller, S. R., From the simulation center to the bedside: Validating the efficacy of a dynamic haptic robotic trainer in internal jugular central venous catheter placement. American Journal of Surgery. 2020;219;379-384	1
3891	J. K. C. Yun, B. K.Kim, H. J.Lee, I. S.Gong, C. S.Kim, B. S.Lee, G. D.Choi, S.Kim, H. R.Kim, D. K.Park, S. I.Kim, Y. H., Comparative outcomes of robot-assisted minimally invasive versus open esophagectomy in patients with esophageal squamous cell carcinoma: a propensity score-weighted analysis. Diseases of the Esophagus. 2020;33;15	13
3892	S. M. Chae, S. Y.Park, W. S., Comparison Study of Robotic Thyroidectomies Through a Bilateral Axillo-Breast Approach and a Transoral Approach. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;175-182	3
3893	R. R. D. Datta, G.Wahba, R.Kleinert, R.Thomas, M.Gebauer, F.Schiffmann, L.Stippel, D. L.Bruns, C. J.Fuchs, H. F., True single-port cholecystectomy with ICG cholangiography through a single 15-mm trocar using the new surgical platform "symphonX": first human case study with a commercially available device. Surgical Endoscopy. 2020;34;2722-2729	3

3894	L. M. Liu, S. G.De Schlichting, E.Grand, S.Lefranc, M.Seigneuret, E.Chabardes, S., Frameless ROSA R Robot-Assisted Lead Implantation for Deep Brain Stimulation: Technique and Accuracy. Operative Neurosurgery. 2020;19;57-64	3
3895	J. P. Weiss, Partnering with robotic technology in electrophysiology: have we arrived at a tipping point?. Current Opinion in Cardiology. 2020;35;44785	8
3896	H. H. K. Balkhy, H.Mitzman, B.Nisivaco, S., Robotic totally endoscopic beating-heart bypass to the right coronary artery: first worldwide experience. European Journal of Cardio-Thoracic Surgery. 2020;57;529-534	3
3897	S. J. M. Concors, D. R.Hernandez, P. T.Mahmoud, N. N.Paulson, E. C., The volume-outcome relationship in robotic protectectomy: does center volume matter? Results of a national cohort study. Surgical Endoscopy. 2020;34;4472-4480	3
3898	F. D. B. Chu, R.Tagliabue, M.Zorzi, S.Bandi, F.Ansarin, M., The Role of Transoral Robotic Surgery for Parapharyngeal Space: Experience of a Tertiary Center. Journal of Craniofacial Surgery. 2020;31;117-120	3
3899	Y. J. Shi, J.Huo, Z.Wang, J.Weng, Y.Zhao, S.Deng, X.Shen, B.Peng, C., An 8-year single-center study: 170 cases of middle pancreatectomy, including 110 cases of robot-assisted middle pancreatectomy. Surgery. 2020;167;436-441	12
3900	A. D. Kaushik, T. A.Bhutani, G.Srinivas, D., Robot-Based Autonomous Neuroregistration and Neuronavigation: Implementation and Case Studies. World Neurosurgery. 2020;134;e256-e271	3
3901	A. W. Nikolic, P. S.Peacock, O.Choi, C. C.Rajkomar, A.Heriot, A. G.Smart, P.Warrier, S., Hybrid abdominal robotic approach with conventional transanal total mesorectal excision (TaTME) for rectal cancer: feasibility and outcomes from a single institution. Journal of Robotic Surgery. 2020;14;633-641	5
3902	K. T. R. Huntsman, J. R.Ahrendtsen, L. A.Ledonio, C. G., Navigated robot-guided pedicle screws placed successfully in single-position lateral lumbar interbody fusion. Journal of Robotic Surgery. 2020;14;643-647	3
3903	G. P. Li, N. A.Hagemeister, J.Yan, J.Wu, D.Sharma, K.Cleary, K.Iordachita, I., Body-mounted robotic assistant for MRI-guided low back pain injection. International Journal of Computer Assisted Radiology & Surgery. 2020;15;321-331	3
3904	C. I. K. Choi, M.Sung, H. H.Jeon, H. G.Jeong, B. C.Jeon, S. S.Lee, H. M.Seo, S. I., Comparison by Pentafecta Criteria of Transperitoneal and Retroperitoneal Robotic Partial Nephrectomy for Large Renal Tumors. Journal of Endourology. 2020;34;175-183	3
3905	S. F. De Luca, C.Bollito, E.Garrou, D.Aimar, R.Cattaneo, G.De Cillis, S.Manfredi, M.Tota, D.Federica, M.Passera, R.Porpiglia, F., Risk of Gleason Score 3+4=7 prostate cancer upgrading at radical prostatectomy is significantly reduced by targeted versus standard biopsy. Minerva Urologica e Nefrologica. 2020;72;360-368	2
3906	A. C. B. Goh, A.Patel, N. A.Sun, T.Sedrakyan, A.Bochner, B. H.Hu, J. C., A Population-based Study of Ureteroenteric Strictures After Open and Robot-assisted Radical Cystectomy. Urology. 2020;135;57-65	13
3907	K. H. N. Sheetz, E. C.Dimick, J. B.Regenbogen, S. E., Perioperative Outcomes and Trends in the Use of Robotic Colectomy for Medicare Beneficiaries From 2010 Through 2016. JAMA Surgery. 2020;155;41-49	12
3908	V. S. Tahmasbi, M.Joudaki, J., Statistical modeling, Sobol sensitivity analysis and optimization of single-tip tool geometrical parameters in the cortical bone machining process. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2020;234;28-38	2

3909	G. S. Merola, A.Pirozzi, F.Andreuccetti, J.Pignata, G.Corcione, F.Milone, M.De Palma, G. D.Castaldo, R.Pecchia, L.Ceccarelli, G.Bracale, U., Is robotic right colectomy economically sustainable? a multicentre retrospective comparative study and cost analysis. Surgical Endoscopy. 2020;34;4041-4047	4
3910	A. M. Nathan, G.Pavan, N.De Groote, R.Sridhar, A.Nathan, S., Management of intractable bladder neck strictures following radical prostatectomy using the Memokath^R045 stent. Journal of Robotic Surgery. 2020;14;621-625	3
3911	Y. Z. Yang, X.Li, B.Hua, R.Yang, Y.He, Y.Ye, B.Guo, X.Sun, Y.Li, Z., Short- and mid-term outcomes of robotic versus thoraco-laparoscopic McKeown esophagectomy for squamous cell esophageal cancer: a propensity score-matched study. Diseases of the Esophagus. 2020;33;15	13
3912	B. U. S. Shyr, B. S.Chen, S. C.Chang, I. W.Shyr, Y. M.Wang, S. E., Operative results and patient satisfaction after robotic pancreaticoduodenectomy. Asian Journal of Surgery. 2020;43;519-525	3
3913	C. G. Le Gac, H.Gillibert, A.Laurent, M.Selim, J.Bottet, B.Varin, R.Baste, J. M., Medico-economic impact of robot-assisted lung segmentectomy: what is the cost of the learning curve?. Interactive Cardiovascular & Thoracic Surgery. 2020;30;255-262	3
3914	H. H. K. Balkhy, H.Hirai, T.Matsukage, H.Nathan, S., Residual SYNTAX Score After Advanced Hybrid Robotic Totally Endoscopic Coronary Revascularization. Annals of Thoracic Surgery. 2020;109;1826-1832	3
3915	W. W. Chang, Y.Ren, L.Jian, M.Chen, Y.Chen, J.Liu, T.Huang, W.Peng, S.Xu, J., Short-term and long-term outcomes of robotic rectal surgery-from the real word data of 1145 consecutive cases in China. Surgical Endoscopy. 2020;34;4079-4088	3
3916	A. C. A. Gamboa, V. G.Zaidi, M. Y.Lee, R. M.Jarnagin, W. R.Allen, P. J.Drebin, J. A.Peter Kingham, T.DeMatteo, R. P.Sarmiento, J. M.Russell, M. C.Cardona, K.Kooby, D. A.D'Angelica, M. I.Maithel, S. K., Lending a hand for laparoscopic distal pancreatectomy: the optimal approach?. HPB. 2020;22;690-701	2
3917	P. K. Tyan, J. S.Smith, S.Amdur, R.North, A.Maassen, M. S.Moawad, G. N., Perioperative Narcotic Trends in Women Undergoing Minimally Invasive Myomectomy. Journal of Minimally Invasive Gynecology. 2020;27;1383-1388.e1	2
3918	A. Z. Valverde, K.Goasguen, N.Oberlin, O.Tetart, A.Cahais, J.Flejou, J. F.Lupinacci, R. M., Teaching robotic rectal cancer surgery at your workplace: does the presence of visiting surgeons in the operating room have a detrimental effect on outcomes?. Surgical Endoscopy. 2020;34;3936-3943	2
3919	S. W. K. Prince, C.Simonelli, J.Lee, Y. H.Gerber, M. J.Lim, C.Chu, K.Dutson, E. P.Tsao, T. C., A robotic system for telementoring and training in laparoscopic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2040	2
3920	R. I. V. Kesavuori, A. E.Lundbom, N. M. I.Iivonen, M. R. M.Huuskonen, A. S.Raivio, P. M., Unilateral pulmonary oedema after minimally invasive and robotically assisted mitral valve surgery. European Journal of Cardio-Thoracic Surgery. 2020;57;504-511	3
3921	R. X. Talwar, L.Serna, J.Ding, J.Lee, D. J.Ziemba, J. B.Guzzo, T. J., Preventing Excess Narcotic Prescriptions in New Robotic Surgery Discharges: The PENN Prospective Cohort Quality Improvement Initiative. Journal of Endourology. 2020;34;48-53	3
3922	A. L. F. Halpern, C.Torphy, R. J.Al-Musawi, M. H.Mitchell, J. D.Scott, C. D.Meguid, R. A.McCarter, M. D.Weyant, M. J.Gleisner, A. L., Conversion to open surgery during minimally invasive esophagectomy portends worse short-term outcomes: an analysis of the National Cancer Database. Surgical Endoscopy. 2020;34;3470-3478	3

3923	L. L. Cao, J.Zhou, Y.Liu, Y.Liu, H., Automatic feature group combination selection method based on GA for the functional regions clustering in DBS. Computer Methods & Programs in Biomedicine. 2020;183;105091	3
3924	E. B. Matanes, S.Lauterbach, R.Amit, A.Weiner, Z.Lowenstein, L., Robotic laparoendoscopic single-site compared with robotic multi-port sacrocolpopexy for apical compartment prolapse. American Journal of Obstetrics & Gynecology. 2020;222;358.e1-358.e11	3
3925	R. R. W. B. Veluswamy, S. A.Mhango, G.Sigel, K.Nicastri, D. G.Smith, C. B.Bonomi, M.Galsky, M. D.Taioli, E.Neugut, A. I.Wisnivesky, J. P., Comparative Effectiveness of Robotic-Assisted Surgery for Resectable Lung Cancer in Older Patients. Chest. 2020;157;1313-1321	13
3926	J. D. Connor, S. K.Wajswol, E.Ragam, R.Press, B.Luu, T.Koster, H.Tamang, T. L.Ahmed, M.Lovallo, G.Munver, R.Stifelman, M. D., Postoperative Complications After Robotic Partial Nephrectomy. Journal of Endourology. 2020;34;42-47	3
3927	A. A. Obermair, R.Pareja, R.Frumovitz, M.Lopez, A.Moretti-Marques, R.Rendon, G.Ribeiro, R.Tsunoda, A.Behan, V.Buda, A.Bernadini, M. Q.Zhao, H.Vieira, M.Walker, J.Spirtos, N. M.Yao, S.Chetty, N.Zhu, T.Isla, D.Tamura, M.Nicklin, J.Robledo, K. P.Gebski, V.Coleman, R. L.Salvo, G.Ramirez, P. T., Incidence of adverse events in minimally invasive vs open radical hysterectomy in early cervical cancer: results of a randomized controlled trial. American Journal of Obstetrics & Gynecology. 2020;222;249.e1-249.e10	2
3928	F. B. M. Preisser, L.Pompe, R. S.Heinze, A.Haese, A.Graefen, M.Tilki, D., Effect of bladder neck sparing at robot-assisted laparoscopic prostatectomy on postoperative continence rates and biochemical recurrence. Urologic Oncology. 2020;38;1.e11-1.e16	3
3929	T. A. K. Kishore, M. J.Pathrose, G.Raveendran, V.Kumar, K. V.Unni, V. N., Robotic assisted kidney transplantation in grafts with multiple vessels: single center experience. International Urology & Nephrology. 2020;52;247-252	3
3930	N. D. G. Scherzer, J. W.Shaw, E. J.Silberstein, J. L.Thomas, R.Krane, L. S., Robotic vs. open surgical management of ureteroenteric anastomotic strictures: technical modifications to enhance success. Journal of Robotic Surgery. 2020;14;615-619	12
3931	D. J. P. Bonda, R.Goldstein, T.Varghese, A.Mittler, M.Schneider, S.Shah, A.Rodgers, S., Robotic Surgical Assistant (ROSA TM) Rehearsal: Using 3-Dimensional Printing Technology to Facilitate the Introduction of Stereotactic Robotic Neurosurgical Equipment. Operative Neurosurgery. 2020;19;94-97	2
3932	C. M. K. Miguel, K. E.Fazzari, M. J.Kongnyuy, M.Smaldone, M. C.Schiff, J. T.Katz, A. E.Corcoran, A. T., Pathologic measures of quality compare favorably in patients undergoing robot-assisted radical cystectomy to open cystectomy cohorts: a National Cancer Database analysis. Journal of Robotic Surgery. 2020;14;609-614	4
3933	F. M. Gokcal, S.Kudsi, O. Y., Robotic ventral hernia repair in morbidly obese patients: perioperative and mid-term outcomes. Surgical Endoscopy. 2020;34;3540-3549	2
3934	J. H. E. Zhang, K. J.Thomas, L. J.Knorr, J.Khanna, A.Crane, A.Mittal, R.Zampini, A.Fascelli, M.Murthy, P. B.Haber, G. P.Lee, B., Large Single Institution Comparison of Perioperative Outcomes and Complications of Open Radical Cystectomy, Intracorporeal Robot-Assisted Radical Cystectomy and Robotic Extracorporeal Approach. Journal of Urology. 2020;203;512-521	13
3935	I. G. S. Tzvetanov, M.Tulla, K. A.Di Bella, C.Okoye, O.Di Cocco, P.Jeon, H.Oberholzer, J.Cristoforo Giulianotti, P.Benedetti, E., Robotic kidney transplantation in the obese patient: 10-year experience from a single center. American Journal of Transplantation. 2020;20;430-440	3

3936	Y. H. Kurimura, N.Yanagida, T.Tanji, R.Onagi, A.Honda, R.Matsuoka, K.Hoshi, S.Hata, J.Onoda, M.Sato, Y.Akaihata, H.Kataoka, M.Ogawa, S.Ishibashi, K.Matsubara, A.Kojima, Y., The preoperative pad test as a predictor of urinary incontinence and quality of life after robot-assisted radical prostatectomy: a prospective, observational, clinical study. International Urology & Nephrology. 2020;52;67-76	3
3937	J. G. Khoraki, P. P.Mazzini, G. S.Pessoa, B. M.Browning, M. G.Aquilina, G. R.Salluzzo, J. L.Wolfe, L. G.Campos, G. M., Perioperative outcomes and cost of robotic-assisted versus laparoscopic inguinal hernia repair. Surgical Endoscopy. 2020;34;3496-3507	12
3938	M. L. Fan, Y.He, D.Han, X.Zhao, J.Duan, F.Liu, B.Tian, W., Improved Accuracy of Cervical Spinal Surgery With Robot-Assisted Screw Insertion: A Prospective, Randomized, Controlled Study. Spine. 2020;45;285-291	12
3939	M. A. Tomifuji, K.Uno, K.Kamide, D.Tanaka, S.Suzuki, H.Tanaka, Y.Kimura, E.Hirokawa, S.Taniai, S.Shiotani, A., Transoral videolaryngoscopic surgery for laryngeal and hypopharyngeal cancer - Technical updates and long-term results. Auris, Nasus, Larynx. 2020;47;282-290	3
3940	Q. Z. Liu, Z.Gao, Y.Zhao, G.Tan, X.Wang, C.Liu, R., Novel single-layer continuous suture of pancreaticojejunostomy for robotic pancreaticoduodenectomy. Journal of Hepato-biliary-pancreatic Sciences. 2020;27;56-63	3
3941	K. R. Shenouda, F.Garcia, D.Badoual, C.Bonfils, P.Laccourreye, O., Evaluation of robotic surgery for transoral resection of T1-2 squamous cell carcinoma of the tonsillar fossa. European annals of otorhinolaryngology, head & neck diseases. 2020;137;31-36	13
3942	J. H. K. Fieber, L. E.Wirtalla, C.Kelz, R. R., Variation in the utilization of robotic surgical operations. Journal of Robotic Surgery. 2020;14;593-599	3
3943	R. L. P. Steinberg, N.Garbens, A.Johnson, B. A.Gahan, J. C., Initial experience with extraperitoneal robotic-assisted simple prostatectomy using the da Vinci SP surgical system. Journal of Robotic Surgery. 2020;14;601-607	3
3944	B. H. Zhao, H. M.Lee, A. M.Lam, J.Lopez, N. E.Abbadessa, B.Eisenstein, S.Cosman, B. C.Ramamoorthy, S. L.Parry, L. A., Making the Jump: A Qualitative Analysis on the Transition From Bedside Assistant to Console Surgeon in Robotic Surgery Training. Journal of Surgical Education. 2020;77;461-471	3
3945	H. C.-P. Janjua, E.Barry, T. M.Kuo, M. C.Baker, M. S.Kuo, P. C., The paradox of the robotic approach to inguinal hernia repair in the inpatient setting. American Journal of Surgery. 2020;219;497-501	12
3946	J. Y. K. H. Chan, F. C.Liu, S.Sorger, J. M.Azizian, M.Tsang, R. K. Y., Augmented reality for image guidance in transoral robotic surgery. Journal of Robotic Surgery. 2020;14;579-583	7
3947	R. E. P. NeMoyer, E.Aisner, J.Jongco, R.Mellender, S.Chiricolo, A.Moore, D. F.Langenfeld, J., Paravertebral Nerve Block With Liposomal Bupivacaine for Pain Control Following Video-Assisted Thoracoscopic Surgery and Thoracotomy. Journal of Surgical Research. 2020;246;19-25	3
3948	I. C. Karabulut, E. C.Yilmazel, F. K.Ozkaya, F.Bedir, F.Ceylan, M.Ceylan, O.Yilmaz, A. H.Adanur, S., A new method in robotic-assisted laparoscopic radical prostatectomy: personalised neuroprotective surgery with neuromonitoring system-randomised controlled study. International Urology & Nephrology. 2020;52;263-269	3
3949	A. B. W. Vardiman, D. J.Booher, G. A.Crawford, N. R.Riggleman, J. R.Greeley, S. L.Ledonio, C. G., Does the accuracy of pedicle screw placement differ between the attending surgeon and resident in navigated robotic-assisted minimally invasive spine surgery?. Journal of Robotic Surgery. 2020;14;567-572	3

3950	M. H. Y. Lin, M.Dougherty, J.Tasson, A.Zhang, Y.Mohamad, O.Dan, T.Yan, Y.Gu, X.Timmerman, R.Laack, N.Beltran, C., Radiation Therapy for Pediatric Brain Tumors using Robotic Radiation Delivery System and Intensity Modulated Proton Therapy. Practical Radiation Oncology. 2020;10;e173-e182	3
3951	R. A. H. Pathak, A. K., Management of low-risk prostate cancer in patients with enlarged glands and lower urinary tract symptoms: robotic total prostatectomy, a novel technique. World Journal of Urology. 2020;38;829-836	3
3952	D. K. P. Tran, M.Mnatsakanyan, L.Sen-Gupta, I.Lin, J. J.Hsu, F. P. K.Vadera, S., A Novel Robotic-Assisted Technique to Implant the Responsive Neurostimulation System. Operative Neurosurgery. 2020;18;728-735	2
3953	S. D. Citgez, C.Ozman, O.Ozden, S. B.Derekoylu, E.Onal, B., Comparison of a Modified Antegrade and Retrograde Ureteral Double-J Stenting Techniques during Laparoscopic and Robotic Pyeloplasty. Urologia Internationalis. 2020;104;87-93	3
3954	L. I. Padua, I.Aprile, I.Loreti, C.Germanotta, M.Coraci, D.Piccinini, G.Pazzaglia, C.Santilli, C.Cruciani, A.Carrozza, M. C.F. D. G. Robotic Rehabilitation Group, Cognitive reserve as a useful variable to address robotic or conventional upper limb rehabilitation treatment after stroke: a multicentre study of the Fondazione Don Carlo Gnocchi. European Journal of Neurology. 2020;27;392-398	2
3955	T. Y. K. Low, Y. X.Goh, B. K., First experience with robotic pancreatoduodenectomy in Singapore. Singapore Medical Journal. 2020;61;598-604	12
3956	M. S. Baunacke, M. L.Thomas, C.Groeben, C.Borkowetz, A.Koch, R.Chun, F. K.Weissbach, L.Huber, J., Long-term functional outcomes after robotic vs. retropubic radical prostatectomy in routine care: a 6-year follow-up of a large German health services research study. World Journal of Urology. 2020;38;1701-1709	12
3957	A. D. o. Veccia, P.Antonelli, A.Minervini, A.Simone, G.Challacombe, B.Perdona, S.Porter, J.Zhang, C.Capitanio, U.Sundaram, C. P.Cacciamani, G.Aron, M.Anele, U.Hampton, L. J.Simeone, C.De Naeyer, G.Bradshawh, A.Mari, A.Campi, R.Carini, M.Fiori, C.Gallucci, M.Jacobsohn, K.Eun, D.Lau, C.Kaouk, J.Derweesh, I.Porpiglia, F.Mottrie, A.Autorino, R., Robotic partial nephrectomy versus radical nephrectomy in elderly patients with large renal masses. Minerva Urologica e Nefrologica. 2020;72;99-108	3
3958	A. K. Lee, C.Syan, R.Morris, A.Gurland, B., Surgical decision-making for rectal prolapse: one size does not fit all. Postgraduate Medicine. 2020;132;256-262	2
3959	M. W. Paff, A. S.Phielipp, N.Vadera, S.Morenkova, A.Hermanowicz, N.Hsu, F. P. K., Two-year clinical outcomes associated with robotic-assisted subthalamic lead implantation in patients with Parkinson's disease. Journal of Robotic Surgery. 2020;14;559-565	12
3960	M. S. Baunacke, M. L.Groeben, C.Borkowetz, A.Thomas, C.Koch, R.Chun, F. K. H.Ihrig, A.Weissbach, L.Huber, J., Decision Regret after Radical Prostatectomy does Not Depend on Surgical Approach: 6-Year Followup of a Large German Cohort Undergoing Routine Care. Journal of Urology. 2020;203;554-561	4
3961	S. C. Moncayo, R.Caire, F.Grosos, C.Bahans, C.Ilhero, P.Fourcade, L.Ballouhey, Q., Transition effects from laparocscopic to robotic surgery skills in small cavities. Journal of Robotic Surgery. 2020;14;525-530	3
3962	D. W. K. Lee, S. H.Song, C. M.Ji, Y. B.Kim, J. K.Tae, K., Comparison of postoperative cosmesis in transaxillary, postauricular facelift, and conventional transcervical thyroidectomy. Surgical Endoscopy. 2020;34;3388-3397	2
3963	R. G. Abaza, R. S.Martinez, O., Feasibility of adopting retroperitoneal robotic partial nephrectomy after extensive transperitoneal experience. World Journal of Urology. 2020;38;1087-1092	3

3964	I. J.-R. Ramallo-Solis, R. M.Reyes-Diaz, M. L.Diaz-Pavon, J. M.Vazquez-Monchul, J. M.Garcia-Cabrera, A. M.Padillo, J.de la Portilla, F., Influence of robotics in surgical complication rate in elderly population with rectal cancer. Aging-Clinical & Experimental Research. 2020;32;1585-1589	3
3965	R. O. D. Minjares, B. A.Ghabra, S.LeFave, J. J.Haas, E. M., Surgical resection for diverticulitis using robotic natural orifice intracorporeal anastomosis and transrectal extraction approach: the NICE procedure. Journal of Robotic Surgery. 2020;14;517-523	8
3966	M. E. Molsted, P.Bech, J. N.Wessels, J.Jensen, J. B., Effects of lung protective ventilation on postoperative respiratory parameters in patients undergoing robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2020;14;509-516	3
3967	M. C. Covotta, C.Costantini, M.Torregiani, G.Pelagalli, L.Zinilli, A.Forastiere, E., The Effects of Ultrasound-Guided Transversus Abdominis Plane Block on Acute and Chronic Postsurgical Pain After Robotic Partial Nephrectomy: A Prospective Randomized Clinical Trial. Pain Medicine. 2020;21;378-386	3
3968	M. A. Graham, F.Allman, D.Wiacek, A.Gonzalez, E.Gubbi, M.Dong, J.Hou, H.Beck, S.Chrispin, J.Bell, M. A. L., In Vivo Demonstration of Photoacoustic Image Guidance and Robotic Visual Servoing for Cardiac Catheter-Based Interventions. IEEE Transactions on Medical Imaging. 2020;39;1015-1029	7
3969	N. R. S. Rocco, S. P.Abdul-Muhsin, H. M.Marshall, M. T.Santomauro, M. G.Christman, M. S.L'Esperance, J. O.Castle, E. P., Primary robotic RLPND for nonseminomatous germ cell testicular cancer: a two-center analysis of intermediate oncologic and safety outcomes. World Journal of Urology. 2020;38;859-867	3
3970	F. S. Margueritte, C.Legros, M.Lacorre, A.Piver, P.Aubard, Y.Tardieu, A.Gauthier, T., Description of an initiation program to robotic in vivo gynecological surgery for junior surgeons. Journal of Gynecology Obstetrics and Human Reproduction. 2020;49;101627	3
3971	Z. S. S. Schuessler, A.Mancuso, P., Perceptions and experiences of perioperative nurses and nurse anaesthetists in robotic-assisted surgery. Journal of Clinical Nursing. 2020;29;60-74	3
3972	F. L. Zhong, P.Shi, J.Wang, Z.Wu, J.Chan, J. Y. K.Leung, N.Leung, I.Tong, M. C. F.Liu, Y. H., Foot-Controlled Robot-Enabled EnDOscope Manipulator (FREEDOM) for Sinus Surgery: Design, Control, and Evaluation. IEEE Transactions on Biomedical Engineering. 2020;67;1530-1541	2
3973	S. H. Knipper, M.Sadat-Khonsari, M.Tian, Z.Karakiewicz, P. I.Tilki, D.Heinzer, H.Michl, U.Steuber, T.von Breunig, F.Zollner, C.Graefen, M., Comparison of intra- and postoperative analgesia and pain perception in robot-assisted vs. open radical prostatectomy. World Journal of Urology. 2020;38;1451-1457	12
3974	W. J. C. Kane, E. J.Mehaffey, J. H.Hawkins, R. B.Meneses, K. B.Tache-Leon, C. A.Yang, Z., Robotic compared with laparoscopic cholecystectomy: A propensity matched analysis. Surgery. 2020;167;432-435	12
3975	S. R. Eslamian, L. A.Pandya, A. K., Development and evaluation of an autonomous camera control algorithm on the da Vinci Surgical System. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2020;16;e2036	2
3976	A. G. Werumeus Buning, T. H.Crul, M., The assessment of environmental and external cross-contamination in preparing ready-to-administer cytotoxic drugs: a comparison between a robotic system and conventional manual production. International Journal of Pharmacy Practice. 2020;28;66-74	2
3977	A. P. Ganpule, A.Singh, A.Desai, M.Gill, I.Sabnis, R.Desai, M., Robotic-assisted kidney transplant: a single center experience with median follow-up of 2.8 years. World Journal of Urology. 2020;38;2651-2660	3

3978	F. I. Cianchi, G.Paoli, B.Ortolani, M.Lami, G.Manetti, N.Tarantino, O.Messeri, S.Foppa, C.Badii, B.Novelli, L.Skalamera, I.Nelli, T.Coratti, F.Perigli, G.Staderini, F., The Clinical Value of Fluorescent Lymphography with Indocyanine Green During Robotic Surgery for Gastric Cancer: a Matched Cohort Study. Journal of Gastrointestinal Surgery. 2020;24;2197-2203	3
3979	H. H. Katsuno, T.Masumori, K.Koide, Y.Matsuoka, H.Tajima, Y.Endo, T.Mizuno, M.Chong, Y.Maeda, K.Uyama, I., Short- and long-term outcomes of robotic surgery for rectal cancer: a single-center retrospective cohort study. Surgery Today. 2020;50;240-247	3
3980	E. A. Lau, N. A.Schlachta, C. M., Impact of robotic assistance on mental workload and cognitive performance of surgical trainees performing a complex minimally invasive suturing task. Surgical Endoscopy. 2020;34;2551-2559	1
3981	A. B. K. Ali, N. A.Nguyen, D. T.Chihara, R.Chan, E. Y.Graviss, E. A.Dunkin, B. J.Kim, M. P., Robotic and per-oral endoscopic myotomy have fewer technical complications compared to laparoscopic Heller myotomy. Surgical Endoscopy. 2020;34;3191-3196	12
3982	D. L. Luo, Y.Zhu, H.Li, X.Gao, W.Li, X.Zhu, S.Yu, X., The MicroHand S robotic-assisted versus Da Vinci robotic-assisted radical resection for patients with sigmoid colon cancer: a single-center retrospective study. Surgical Endoscopy. 2020;34;3368-3374	3
3983	F. M.-R. Aguilar-Espinosa, J.Gutierrez Salinas, J.Blas-Azotla, R.Aguilar-Soto, O. A.Becerra-Gutierrez, L. P., Conversion to Roux-en-Y gastric bypass surgery through a robotic-assisted hybrid technique after failed sleeve gastrectomy: Short-term results. Revista De Gastroenterologia De Mexico. 2020;85;160-172	3
3984	A. G. Niglio, M.Costigliola, L.Zenone, P.De Palma, M., Laparoscopic and robot-assisted transperitoneal lateral adrenalectomy: a large clinical series from a single center. Updates in Surgery. 2020;72;193-198	3
3985	M. V. P. Marino, M.Gomez Ruiz, M.Fernandez, C. C.Guarrasi, D.Gomez Fleitas, M., Robotic-assisted versus open pancreaticoduodenectomy: the results of a case-matched comparison. Journal of Robotic Surgery. 2020;14;493-502	12
3986	K. T. Iguchi, T.Minami, A.Kuratsukuri, K.Uchida, J.Nakatani, T., Characteristics of urodynamic study parameters associated with intermediate-term continence after robot-assisted radical prostatectomy in elderly patients. Aging Male. 2020;23;1039-1045	3
3987	A. E. R. C. Hamilton, M. D.Johnson, C. S.Stevenson, A. R. L., Totally robotic right hemicolectomy: a multicentre case-matched technical and peri-operative comparison of port placements and da Vinci models. Journal of Robotic Surgery. 2020;14;479-491	3
3988	S. W. B. Kirmiz, S.Linsell, S.Qi, J.Brede, C. M.Miller, D. C.Montie, J. E.Lane, B. R.Michigan Urological Surgery Improvement, Collaborative, Regular vs. selective use of closed suction drains following robot-assisted radical prostatectomy: results from a regional quality improvement collaborative. Prostate Cancer & Prostatic Diseases. 2020;23;151-159	3
3989	E. C. S. England, C. R.Huang, D. D.Weinberg, J.Bogert, J. N.Gillespie, T.Mankin, J., REBOA as a rescue strategy for catastrophic vascular injury during robotic surgery. Journal of Robotic Surgery. 2020;14;473-477	3
3990	T. E. Diaz-Vico, E. F., Value of robotic-assisted technique in redo gastrojejunostomy for severe stenosis after gastric bypass. Journal of Robotic Surgery. 2020;14;463-471	3
3991	S. R. M. Turner, J.Park, B. J.Huang, J., Attitudes of robotic surgery educators and learners: challenges, advantages, tips and tricks of teaching and learning robotic surgery. Journal of Robotic Surgery. 2020;14;455-461	5

3992	S. S. Hong, K. B.Madkhali, A. A.Hwang, K.Yoo, D.Lee, J. W.Youn, W. Y.Alshammary, S.Park, Y.Lee, W.Kwon, J.Lee, J. H.Hwang, D. W.Kim, S. C., Robotic versus laparoscopic distal pancreatectomy for left-sided pancreatic tumors: a single surgeon's experience of 228 consecutive cases. Surgical Endoscopy. 2020;34;2465-2473	12
3993	F. R. Davaro, J.May, A.McFerrin, C.Siddiqui, S.Hamilton, Z., Robotic surgery does not affect upstaging of T1 renal masses. Journal of Robotic Surgery. 2020;14;447-454	4
3994	H. Y. Takahashi, T. E.Suzuki, T.Maeda, A.Nakai, N.Maeda, Y.Shiga, K.Hirokawa, T.Ogawa, R.Hara, M.Matsuo, Y.Takiguchi, S., Accurate localization of rectal cancer using near infrared ray-guided surgery with intra-operative colonoscopy and da Vinci Firefly technology. Surgery Today. 2020;50;205-208	3
3995	S. I. W. Tyritzis, U.Lantz Alpha, W.Steineck, G.Hugosson, J.Bjartell, A.Stranne, J.Haglind, E.Wiklund, N. P., Hospital readmissions after limited vs. extended lymph node dissection during open and robot-assisted radical prostatectomy. Urologic Oncology. 2020;38;5.e1-5.e8	12
3996	S. T. Ryan, A.Murphy, A.Hussain, L.Dunki-Jacobs, E.Lee, D. Y., Robotic Versus Laparoscopic Gastrectomy for Gastric Adenocarcinoma: Propensity-Matched Analysis. Surgical Innovation. 2020;27;26-31	12
3997	P. A. T. Della Camera, R.Cito, G.Rastrelli, G.Maggi, M.Chini, T.Nunzio, C.Altieri, V. M.Serni, S.Gacci, M.Natali, A., Efficacy and safety of avanafil 200 mg versus sildenafil 100 mg in the treatment of erectile dysfunction after robot-assisted unilateral nerve-sparing prostatectomy: A prospective multicentre study. Urologia (Treviso). 2020;87;23-28	3
3998	K. W. Ferong, M.Sinatti, C.Van Laecke, E.Cools, M.Hoebeke, P.Spinoit, A. F., Rare and special robotic surgery indications in the pediatric population: ectopic organs and differences of sexual development. World Journal of Urology. 2020;38;1865-1868	3
3999	S. M. Cumarasamy, A.Falagario, U. G.Gul, Z.Beksac, A. T.Jayaratna, I.Haines, G. K., 3rdCarrieri, G.Tewari, A., Development of a model to predict prostate cancer at the apex (PCAP model) in patients undergoing robot-assisted radical prostatectomy. World Journal of Urology. 2020;38;813-819	3
4000	F. F. B. Onol, S.Moschovas, M.Rogers, T.Ganapathi, H.Roof, S.Rocco, B.Patel, V., Comparison of outcomes of salvage robot-assisted laparoscopic prostatectomy for post-primary radiation vs focal therapy. BJU International. 2020;125;103-111	3
4001	C. G. Eden, Retzius-sparing robotic radical prostatectomy. Asian Journal of Andrology. 2020;22;149-151	8
4002	K. R. O. Seetharam Bhat, F.Rogers, T.Ganapathi, H. P.Moschovas, M.Roof, S.Patel, V. R., Can we predict who will need lymphocele drainage following robot assisted laparoscopic prostatectomy (RALP)?. Journal of Robotic Surgery. 2020;14;439-445	3
4003	R. B. B. Smith, J.Hu, C.Gerkin, R.Perlow, J. H.Mourad, J., Robotic Transabdominal Cerclage vs Laparotomy: A Comparison of Obstetric and Surgical Outcomes. Journal of Minimally Invasive Gynecology. 2020;27;1095-1102	12
4004	H. R. H. Mittakanti, G.Li, H. F.Porter, J. R., Transperitoneal vs. retroperitoneal robotic partial nephrectomy: a matched-paired analysis. World Journal of Urology. 2020;38;1093-1099	3
4005	C. F. B. Justiniano, A. Z.Xu, Z.Aquina, C. T.Boodry, C. I.Schymura, M. J.Boscoe, F. P.Noyes, K.Temple, L. K.Fleming, F. J., A Population-Based Study of 90-Day Hospital Cost and Utilization Associated With Robotic Surgery in Colon and Rectal Cancer. Journal of Surgical Research. 2020;245;136-144	4

4006	L. M. S. Huynh, D.Wilson, T.Lau, C.Wagner, C.Porter, J.Witt, J. H.Ahlering, T. E., Internal and External Validation of a 90-Day Percentage Erection Fullness Score Model Predicting Potency Recovery Following Robot-assisted Radical Prostatectomy. European Urology Oncology. 2020;3;657-662	3
4007	M. V. P. Marino, M.Fernandez, C. C.Ruiz, M. G.Fleitas, M. G., The application of indocyanine green-fluorescence imaging during robotic-assisted liver resection for malignant tumors: a single-arm feasibility cohort study. HPB. 2020;22;422-431	2
4008	D. K. C. K. Tai, H. Y.Park, D.You, J.Kim, H. K.Russell, J. O.Tufano, R. P., Obesity May Not Affect Outcomes of Transoral Robotic Thyroidectomy: Subset Analysis of 304 Patients. Laryngoscope. 2020;130;1343-1348	3
4009	H. X. G. Sun, H. J.Ying, X. Y.Chen, X.Li, Q. Y.Qiu, W. H.Yan, J. Q., Robotic thyroidectomy via bilateral axillo-breast approach: Experience and learning curve through initial 220 cases. Asian Journal of Surgery. 2020;43;482-487	3
4010	B. G. Arslan, S.Gokmen, E.Ozman, O.Onuk, O.Yazici, G.Gov, T.Ozdemir, E., Does YouTube include high-quality resources for training on laparoscopic and robotic radical prostatectomy?. World Journal of Urology. 2020;38;1195-1199	2
4011	C. A. P. Benech, R.Benech, F.Greeley, S. L.Crawford, N.Ledonio, C., Navigated robotic assistance results in improved screw accuracy and positive clinical outcomes: an evaluation of the first 54 cases. Journal of Robotic Surgery. 2020;14;431-437	3
4012	Y. H. Y. Kim, S. H.Park, J. W., Does Robotic-assisted TKA Result in Better Outcome Scores or Long-Term Survivorship Than Conventional TKA? A Randomized, Controlled Trial. Clinical Orthopaedics & Related Research. 2020;478;266-275	12
4013	A. Ahmad, Use of indocyanine green (ICG) augmented near-infrared fluorescence imaging in robotic radical resection of gallbladder adenocarcinomas. Surgical Endoscopy. 2020;34;2490-2494	3
4014	E. G. Russo, A.Guevara, M. M.Mannella, P.Misasi, G.Falcone, M.Simoncini, T., Medium-term outcomes after robotic-assisted lateral suspension with mesh for advanced multi-compartmental prolapse. International Urogynecology Journal. 2020;31;1647-1653	3
4015	J. V. Kaouk, R.Sawczyn, G.Garisto, J., Extraperitoneal single-port robot-assisted radical prostatectomy: initial experience and description of technique. BJU International. 2020;125;182-189	3
4016	B. G. N. Soliman, D. T.Chan, E. Y.Chihara, R. K.Meisenbach, L. M.Graviss, E. A.Kim, M. P., Robot-assisted hiatal hernia repair demonstrates favorable short-term outcomes compared to laparoscopic hiatal hernia repair. Surgical Endoscopy. 2020;34;2495-2502	12
4017	M. I. B. Khalil, N. R.Payakachat, N.Davis, R.Raheem, O. A.Kamel, M. H., Perioperative mortality and morbidity of outpatient versus inpatient robot-assisted radical prostatectomy: A propensity matched analysis. Urologic Oncology. 2020;38;3.e1-3.e6	3
4018	A. B. Ofshteyn, K.Towe, C. W.Steinhagen, E.Stein, S. L., Robotic proctectomy for rectal cancer in the US: a skewed population. Surgical Endoscopy. 2020;34;2651-2656	3
4019	F. U. Rebecchi, E.Allaix, M. E.Toppino, M.Borello, A.Morino, M., Robotic Roux-en-Y Gastric Bypass as a Revisional Bariatric Procedure: a Single-Center Prospective Cohort Study. Obesity Surgery. 2020;30;44882	3
4020	R. K. C. Tsang, J. C. K., Adapting Electromagnetic Navigation System for Transoral Robotic-Assisted Skull Base Surgery. Laryngoscope. 2020;130;1922-1925	3

4021	W. G. Manning, M.Wilson, I.Hide, G.Longstaff, L.Deehan, D., Improved mediolateral load distribution without adverse laxity pattern in robot-assisted knee arthroplasty compared to a standard manual measured resection technique. Knee Surgery, Sports Traumatology, Arthroscopy. 2020;28;2835-2845	7
4022	H. D. A. Carmichael, A. P.Skancke, M.Obias, V.Sylla, P., Feasibility of transanal total mesorectal excision (taTME) using the Medrobotics Flex R System. Surgical Endoscopy. 2020;34;485-491	7
4023	Y. O. Zhang, W.Wu, B.Pokhrel, G.Ding, B.Xu, H.Luan, Y.Lu, Y.Yang, J.Wang, Z.Yu, Y.Li, H.Guan, W.Wang, S.Liu, Z., Robot-assisted partial nephrectomy with a standard laparoscopic ultrasound probe in treating endophytic renal tumor. Asian Journal of Surgery. 2020;43;423-427	3
4024	J. K. Lee, H. Y.Goh, H. J.Heo, J. E.Almujalhem, A.Alqahtani, A. A.Chung, D. Y.Chang, K.Choi, Y. D.Rha, K. H., Retzius Sparing Robot-Assisted Radical Prostatectomy Conveys Early Regain of Continence over Conventional Robot-Assisted Radical Prostatectomy: A Propensity Score Matched Analysis of 1,863 Patients. Journal of Urology. 2020;203;137-144	3
4025	J. H. C. Nguyen, J.Marshall, S. P.Ghodoussipour, S.Chen, A.Gill, I. S.Hung, A. J., Using objective robotic automated performance metrics and task-evoked pupillary response to distinguish surgeon expertise. World Journal of Urology. 2020;38;1599-1605	3
4026	M. B. G. Hopkins, T. M.Bethurum, A. J.Ford, M. M.Muldoon, R. L.Beck, D. E.Stewart, T. G.Hawkins, A. T., Comparing pathologic outcomes for robotic versus laparoscopic Surgery in rectal cancer resection: a propensity adjusted analysis of 7616 patients. Surgical Endoscopy. 2020;34;2613-2622	12
4027	F. K. Molinaro, P.Scolletta, S.Giuntini, L.Navarra, C.Puzzutiello, R.Fusi, G.Angotti, R.Bindi, E.Zanaboni, C.Messina, M.Mattioli, G., Considerations regarding pain management and anesthesiological aspects in pediatric patients undergoing minimally invasive surgery: robotic vs laparoscopic-thoracoscopic approach. Journal of Robotic Surgery. 2020;14;423-430	2
4028	A. C. Antonelli, L.Sandri, M.Bertolo, R.Annino, F.Carini, M.Celia, A.D'Orta, C.De Concilio, B.Furlan, M.Giommoni, V.Ingrosso, M.Mari, A.Muto, G.Nucciotti, R.Porreca, A.Primiceri, G.Schips, L.Sessa, F.Simeone, C.Veccia, A.Minervini, A.Agile Group, Safety of on- vs off-clamp robotic partial nephrectomy: per-protocol analysis from the data of the CLOCK randomized trial. World Journal of Urology. 2020;38;1101-1108	3
4029	T. F. Gross, E.Gayat, E.Chazot, T.Liu, N.Fischler, M.Bobet, M.Le Guen, M., Bispectral Index During Maintenance of Total Intravenous Anesthesia: Frequency of Out of Recommended Range and Impact of Patients' Characteristics: A Brief Report. Anesthesia & Analgesia. 2020;131;e52-e54	3
4030	J. N. Y. Nguyen, S. T., Perioperative outcomes after robotic versus vaginal surgery for pelvic organ prolapse. Journal of Robotic Surgery. 2020;14;415-421	12
4031	C. L. Cao, B. E.Melfi, F.Veronesi, G.Razzak, R.Romano, G.Novellis, P.Ranganath, N. K.Park, B. J., Impact of pulmonary function on pulmonary complications after robotic-assisted thoracoscopic lobectomy. European Journal of Cardio-Thoracic Surgery. 2020;57;338-342	3
4032	D. B. Brecher, Use of a Robotic Cat to Treat Terminal Restlessness: A Case Study. Journal of Palliative Medicine. 2020;23;432-434	3
4033	J. B. Q. Jin, K.Yang, Y.Shi, Y. S.Wu, Z. C.Deng, X. X.Chen, H.Cheng, D. F.Shen, B. Y.Peng, C. H., Robotic pancreatectomy for solid pseudopapillary tumors in the pancreatic head: A propensity score-matched comparison and analysis from a single center. Asian Journal of Surgery. 2020;43;354-361	3
4034	E. L. S. Moss, P.Ind, T.Smith, M.Davies, Q.Zecca, M., Impact of Obesity on Surgeon Ergonomics in Robotic and Straight-Stick Laparoscopic Surgery. Journal of Minimally Invasive Gynecology. 2020;27;1063-1069	1

4035	A. B. W. Vardiman, D. J.Crawford, N. R.Riggleman, J. R.Ahrendtsen, L. A.Ledonio, C. G., Pedicle screw accuracy in clinical utilization of minimally invasive navigated robot-assisted spine surgery. Journal of Robotic Surgery. 2020;14;409-413	3
4036	M. L. S. Schulster, D. A.Sturgeon, K.Borin, J. F.Bjurlin, M. A., Outcomes and peri-operative complications of robotic pyelolithotomy. Journal of Robotic Surgery. 2020;14;401-407	3
4037	O. T. Asoglu, H.Bakir, B.Aliyev, V.Saglam, S.Iscan, Y.Bademler, S.Meric, S., Robotic versus laparoscopic sphincter-saving total mesorectal excision for mid or low rectal cancer in male patients after neoadjuvant chemoradiation therapy: comparison of long-term outcomes. Journal of Robotic Surgery. 2020;14;393-399	12
4038	C. C. N. L. Chong, H. T.Fung, A. K. Y.Fong, A. K. W.Cheung, Y. S.Wong, J.Lee, K. F.Lai, P. B. S., Robotic versus laparoscopic hepatectomy: application of the difficulty scoring system. Surgical Endoscopy. 2020;34;2000-2006	12
4039	A. H. Dwyer, J.Kabbani, M.Delano, A.De Sutter, M.Crawford, D., Ergonomic assessment of robotic general surgeons: a pilot study. Journal of Robotic Surgery. 2020;14;387-392	1
4040	J. B. Zanghi, J.Martinez, C.Patel, A.Petit, C.Siegert, J.Nguyen, T., Tensile force exerted by suture during renorrhaphy using current techniques. Journal of Robotic Surgery. 2020;14;383-386	7
4041	N. E. J. Samalavicius, V.Siaulys, R.Jasenas, M.Deduchovas, O.Venckus, R.Ezerskiene, V.Paskeviciute, R.Klimaviciute, G., Robotic surgery using Senhance^R robotic platform: single center experience with first 100 cases. Journal of Robotic Surgery. 2020;14;371-376	3
4042	H. Y. K. Chiu, Y. N.Wang, W. L.Tong, Y. S.Chang, S. W.Fong, T. H.Wei, P. L., Gender differences in the acquisition of suturing skills with the da Vinci surgical system. Journal of the Formosan Medical Association. 2020;119;462-470	3
4043	C. Y. Ye, Y.Guo, F.Wang, F.Zhang, C.Yang, B., Robotic enucleation of adrenal masses: technique and outcomes. World Journal of Urology. 2020;38;853-858	3
4044	P. S. Tejedor, F.Nock, D.Flashman, K.Naqvi, S.Kandala, N. L.Khan, J. S., Advantages of using a robotic stapler in rectal cancer surgery. Journal of Robotic Surgery. 2020;14;365-370	12
4045	K. Y. Sugawara, S.Yagi, K.Nishida, M.Aikou, S.Yamagata, Y.Mori, K.Yamashita, H.Seto, Y., Long-term health-related quality of life following robot-assisted radical transmediastinal esophagectomy. Surgical Endoscopy. 2020;34;1602-1611	3
4046	B. L. Zhao, J.Hollandsworth, H. M.Lee, A. M.Lopez, N. E.Abbadessa, B.Eisenstein, S.Cosman, B. C.Ramamoorthy, S. L.Parry, L. A., General surgery training in the era of robotic surgery: a qualitative analysis of perceptions from resident and attending surgeons. Surgical Endoscopy. 2020;34;1712-1721	1
4047	H. J. P. Kang, H. J.Lee, D. W.Tae, K., Feasibility of transoral robotic nasopharyngectomy for recurrent nasopharyngeal carcinoma: how we do it. Minimally Invasive Therapy & Allied Technologies: Mitat. 2020;29;310-315	3
4048	S. P. Siracusano, A. B.Tafuri, A.Pirozzi, M.Cybulski, A.Shakir, A.Tiso, L.Talamini, R.Mucelli, R. P., Visualization of peri-prostatic neurovascular fibers before and after radical prostatectomy by means of diffusion tensor imaging (DTI) with clinical correlations: preliminary report. Journal of Robotic Surgery. 2020;14;357-363	3
4049	Z. F. Feng, M. P.Feng, D. P.Solorzano, C. C., Robotic-assisted adrenalectomy using da Vinci Xi vs. Si: are there differences?. Journal of Robotic Surgery. 2020;14;349-355	3

4050	M. V. M. Marino, A.Gomez Ruiz, M.Komorowski, A. L., Robotic-Assisted versus Laparoscopic Distal Pancreatectomy: The Results of a Case-Matched Analysis from a Tertiary Care Center. Digestive Surgery. 2020;37;229-239	12
4051	J. R. Cai, R.Zenati, M. S.Al Abbas, A.Hogg, M. E.Zeh, H. J.Zureikat, A. H., Robotic Pancreaticoduodenectomy Is Associated with Decreased Clinically Relevant Pancreatic Fistulas: a Propensity-Matched Analysis. Journal of Gastrointestinal Surgery. 2020;24;1111-1118	12
4052	C. P. He, N.Shahbazi, M.Yang, Y.Gehlbach, P.Kobilarov, M.Iordachita, I., Toward Safe Retinal Microsurgery: Development and Evaluation of an RNN-Based Active Interventional Control Framework. IEEE Transactions on Biomedical Engineering. 2020;67;966-977	3
4053	G. E. W. Cacciamani, M.Medina, L. G.Ashrafi, A. N.Miranda, G.Tafuri, A.Landsberger, H.Lin-Brande, M.Rajarubendra, N.De Castro Abreu, A.Berger, A.Aron, M.Gill, I. S.Desai, M. M., Radical cystectomy pentafecta: a proposal for standardisation of outcomes reporting following robot-assisted radical cystectomy. BJU International. 2020;125;64-72	3
4054	K. P. H. Steck-Bayat, S.Aguirre, A. G.Smith, R. B.Mahnert, N. M.Gerkin, R. D.Mourad, J., Prospective randomized controlled trial comparing cephalad migration in robotic gynecologic surgery using egg-crate foam versus the Pink Pad^R. Journal of Robotic Surgery. 2020;14;343-347	3
4055	P. M. S. C. Gurung, T.Wang, B.Joseph, J. V.Ghazi, A. E., Accelerated Skills Acquisition Protocol (ASAP) in optimizing robotic surgical simulation training: a prospective randomized study. World Journal of Urology. 2020;38;1623-1630	2
4056	A. H.-A. Dubinskaya, D.Wakefield, D. B.Shepherd, J. P., Comparing laparoscopic and robotic sacrocolpopexy surgical outcomes with prior versus concomitant hysterectomy. International Urogynecology Journal. 2020;31;401-407	2
4057	Y. J. J. Lee, J. W.Lee, S.Lee, S. W.Kim, J. H.Hong, S. K.Byun, S. S.Lee, S. E.Jeong, S. J., Contemporary trends in radical prostatectomy and predictors of recovery of urinary continence in men aged over 70 years: comparisons between cohorts aged over 70 and less than 70 years. Asian Journal of Andrology. 2020;22;280-286	5
4058	A. L. M. Abreu, L. G.Chopra, S.Gill, K.Cacciamani, G. E.Azhar, R. A.Ashrafi, A.Winter, M.Fay, C.Weaver, F.Duddalwar, V.Desai, M.Sotelo, R.Gill, I. S., Robotic Renal Artery Aneurysm Repair. European Urology. 2020;78;87-96	3
4059	J. S. R. Bottan, P. A.Lau, J. C.MacDougall, K. W.Parrent, A. G.Burneo, J. G.Steven, D. A., Robot-Assisted Insular Depth Electrode Implantation Through Oblique Trajectories: 3-Dimensional Anatomical Nuances, Technique, Accuracy, and Safety. Operative Neurosurgery. 2020;18;278-283	7
4060	M. K. McCrorey, H.Krienbring, D.Patel, B.Nisivaco, S.Balkhy, H. H., Robotic cardiac surgery impact of a new patient-side assistant on outcomes. General Thoracic & Cardiovascular Surgery. 2020;68;24-29	3
4061	J. B. Hanna, P. R.Morse, E.Judson, B.Mehra, S., Is robotic surgery an option for early T-stage laryngeal cancer? Early nationwide results. Laryngoscope. 2020;130;1195-1201	13
4062	M. C. Sun, Y.Chai, G.Zheng, X., Fully Automatic Robot-Assisted Surgery for Mandibular Angle Split Osteotomy. Journal of Craniofacial Surgery. 2020;31;336-339	3
4063	V. P. Rao, R.Subash, A.Sinha, P.Majumdar, K., Technique of flap elevation for robot assisted selective neck dissection via retroauricular approach: a surgeon's guide. Journal of Robotic Surgery. 2020;14;337-341	3
4064	G. P. Pallabazzer, C.de Bortoli, N.Solito, B.D'Imporzano, S.Belluomini, M. A.Bellomini, M. G.Giusti, P.Gianetri, D.Santi, S., Clinical and pathophysiological outcomes of the robotic-assisted Heller-Dor myotomy for achalasia: a single-center experience. Journal of Robotic Surgery. 2020;14;331-335	3

4065	L. L. Y. Wang, P. J.Yao, L.Liu, R.Hou, F.Chen, X. H.Han, L. L.Xu, L. Y.Xu, H.Li, J.Guo, T. K.Yang, K. H.Wang, H. L., Evaluation of intra- and post-operative outcomes to compare robot-assisted surgery and conventional laparoscopy for gynecologic oncology. Asian Journal of Surgery. 2020;43;347-353	13
4066	Y. Y. L. Kim, Y.Lee, C. M.Park, S., Lymphadenectomy using two instrument arms during robotic surgery for gastric cancer: A strategy to facilitate reduced-port robotic gastrectomy. Asian Journal of Surgery. 2020;43;459-466	3
4067	S. D. Dang, A.Li, J. C.Gandee, Z.Rana, T.Gunville, B.Zhan, T.Curry, J.Luginbuhl, A.Cottrill, E.Cognetti, D., Postoperative opioid-prescribing practices in otolaryngology: A multiphasic study. Laryngoscope. 2020;130;659-665	2
4068	S. S. Rasool, M.Jain, S.Chaddha, S.Tyagi, V.Pahwa, M.Pandey, H., Comparison of open, laparoscopic and robot-assisted pyeloplasty for pelviureteric junction obstruction in adult patients. Journal of Robotic Surgery. 2020;14;325-329	13
4069	L. C. S. Barchi, W. P.Franciss, M. Y.Ramos, MfkpDias, A. R.Hyung, W. J.Zilberstein, B., Oncological Robot-Assisted Gastrectomy: Technical Aspects and Ongoing Data. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2020;30;127-139	3
4070	Q. Z. He, J.Zhuang, D.Fan, Z.Zheng, L.Zhou, P.Yu, F.Wang, G.Ni, G.Dong, X.Wang, M.Li, X.Liu, C.Wang, D.Yue, T.Hou, L.Wang, M.Li, D., Robotic lateral cervical lymph node dissection via bilateral axillo-breast approach for papillary thyroid carcinoma: a single-center experience of 260 cases. Journal of Robotic Surgery. 2020;14;317-323	3
4071	E. M. Acevedo, M.Zhao, H.Lu, X.Edwards, M. A., Outcomes in conventional laparoscopic versus robotic-assisted revisional bariatric surgery: a retrospective, case-controlled study of the MBSAQIP database. Surgical Endoscopy. 2020;34;1573-1584	12
4072	E. Acevedo, Jr.Mazzei, M.Zhao, H.Lu, X.Soans, R.Edwards, M. A., Outcomes in conventional laparoscopic versus robotic-assisted primary bariatric surgery: a retrospective, case-controlled study of the MBSAQIP database. Surgical Endoscopy. 2020;34;1353-1365	12
4073	C. A. C. Green, S. N.Huang, E.Chern, H.O'Sullivan, P., Teaching in the robotic environment: Use of alternative approaches to guide operative instruction. American Journal of Surgery. 2020;219;191-196	7
4074	E. G. Tagkalos, L.Hoppe-Lotichius, M.Ruurda, J. P.Babic, B.Hadzijusufovic, E.Kneist, W.van der Sluis, P. C.Lang, H.van Hillegersberg, R.Grimminger, P. P., Robot-assisted minimally invasive esophagectomy (RAMIE) compared to conventional minimally invasive esophagectomy (MIE) for esophageal cancer: a propensity-matched analysis. Diseases of the Esophagus. 2020;33;15	13
4075	X. L. Fan, L.Li, G.He, T.Xiao, J.Deng, X.Dai, F.Meng, L., Do cerebral and somatic tissue oxygen saturation measurements correlate with each other during surgery?. Journal of Clinical Monitoring & Computing. 2020;34;483-490	2
4076	S. D. Behbehani, R.Yi, J.Kunze, K.Suarez-Salvador, E.Wasson, M., Predictors of Postoperative Urinary Retention in Outpatient Minimally Invasive Hysterectomy. Journal of Minimally Invasive Gynecology. 2020;27;681-686	2
4077	A. C. Brassetti, G.Anceschi, U.Ferriero, M.Tuderti, G.Miranda, G.Mastroianni, R.Desai, M.Aron, M.Gill, I.Gallucci, M.Simone, G., Long-term oncologic outcomes of robot-assisted radical cystectomy (RARC) with totally intracorporeal urinary diversion (ICUD): a multi-center study. World Journal of Urology. 2020;38;837-843	3
4078	A. P. Postillon, C.Germain, A.Scherrer, M. L.Buisset, C.Brunaud, L.Ayav, A.Bresler, L., Long-term outcomes of robotic ventral mesh rectopexy for external rectal prolapse. Surgical Endoscopy. 2020;34;930-939	3

4079	M. T. G. Turner, M.Albergotti, W. G.Duvvuri, U.Ferris, R. L.Kim, S.Wang, E. W., Reconstruction of TORS oropharyngectomy defects with the nasoseptal flap via transpalatal tunnel. Journal of Robotic Surgery. 2020;14;311-316	3
4080	B. L. Kaaki, E.Takallapally, S.Cleveland, B., Direct cost of hysterectomy: comparison of robotic versus other routes. Journal of Robotic Surgery. 2020;14;305-310	4
4081	I. S. Darwich, D.Klockner-Lang, M.Scheidt, M.Friedberg, R.Willeke, F., A roadmap for robotic-assisted sigmoid resection in diverticular disease using a Senhance TM Surgical Robotic System: results and technical aspects. Journal of Robotic Surgery. 2020;14;297-304	3
4082	P. S.-J. Senellart, G.Mfam, W. S.Abou-Mrad, A., Laparoscopic versus full robotic Roux-en-Y gastric bypass: retrospective, single-center study of the feasibility and short-term results. Journal of Robotic Surgery. 2020;14;291-296	12
4083	B. S. B. Hendriksen, A. J.Hollenbeak, C. S.Taylor, M. D.Reed, M. F.Soybel, D. I., The Impact of Minimally Invasive Gastrectomy on Survival in the USA. Journal of Gastrointestinal Surgery. 2020;24;1000-1009	2
4084	L. P. Luko, A.Matanes, E.Lauterbach, R.Taitler, A.Lowenstein, L., An Efficient Single-session Spatial Skill Trainer for Robot-assisted Surgery: A Randomized Trial. Journal of Minimally Invasive Gynecology. 2020;27;728-737.e2	2
4085	F. M. Gokcal, S.Kudsi, O. Y., Robotic ventral hernia repair in octogenarians: perioperative and long-term outcomes. Journal of Robotic Surgery. 2020;14;275-281	3
4086	B. K. Kersin, M.Aynaci, E.Keles, A., Investigation of the Effectiveness of Surgical Treatment on Respiratory Functions in Patients With Obstructive Sleep Apnea Syndrome. Ear, Nose, & Throat Journal. 2020;99;537-542	3
4087	H. J. C. Kim, G. S.Park, J. S.Park, S. Y.Cho, S. H.Seo, A. N.Yoon, G. S., S122: impact of fluorescence and 3D images to completeness of lateral pelvic node dissection. Surgical Endoscopy. 2020;34;469-476	3
4088	R. M. A. Alhossaini, A. A.Cho, M.Roh, C. K.Seo, W. J.Choi, S.Son, T.Kim, H. I.Hyung, W. J., Lower rate of conversion using robotic-assisted surgery compared to laparoscopy in completion total gastrectomy for remnant gastric cancer. Surgical Endoscopy. 2020;34;847-852	12
4089	G. A. Rana, P. R.Khan, S.Bills, N.Morien, M.Zhang, J.Oleynikov, D., Outcomes and impact of laparoscopic inguinal hernia repair versus open inguinal hernia repair on healthcare spending and employee absenteeism. Surgical Endoscopy. 2020;34;821-828	2
4090	R. H. Wang, M. J.Hacker, M. R.Lefevre, R., Effect of Visual Aids During Surgical Consents on Patient Understanding and Satisfaction. Female Pelvic Medicine & Reconstructive Surgery. 2020;26;746-750	3
4091	S. P. D. Grogan, E. W.Glembotski, N. E.Gaul, F.D'Lima, D. D., Cartilage tissue engineering combining microspheroid building blocks and microneedle arrays. Connective Tissue Research. 2020;61;229-243	2
4092	A. E. Petas, A.Santti, H.Matikainen, M.Mirtti, T.Rannikko, A., Fast prostate retrieval in robot-assisted laparoscopic prostatectomy for next-generation biobanking. Journal of Robotic Surgery. 2020;14;271-274	3
4093	U. G. Pein, M.Markau, S.Fritz, A.Breda, A.Stockle, M.Mohammed, N.Kawan, F.Schumann, A.Fornara, P.Weigand, K., Minimally invasive robotic versus conventional open living donor kidney transplantation. World Journal of Urology. 2020;38;795-802	13

4094	O. S. A. Madueke-Laveaux, A.Grimes, C. L.Walters, R.Kim, J. H.Simpson, K.Truong, M.Young, C.Landau, R.Ryntz, T., Comparison of Carbon Dioxide Absorption Rates in Gynecologic Laparoscopy with a Valveless versus Standard Insufflation System: Randomized Controlled Trial. Journal of Minimally Invasive Gynecology. 2020;27;225-234	3
4095	A. M. B. Porreca, F.Romagnoli, D.D'Agostino, D.Corsi, P.Giampaoli, M.Salvaggio, A.Bianchi, L.Schiavina, R.Brunocilla, E.Artibani, W., Robot-assisted radical cystectomy with totally intracorporeal urinary diversion: surgical and early functional outcomes through the learning curve in a single high-volume center. Journal of Robotic Surgery. 2020;14;261-269	3
4096	Y. S. Maruyama, T.Araki, M.Mitsui, Y.Wada, K.Tanimoto, R.Kobayashi, Y.Watanabe, M.Watanabe, T.Nasu, Y., Comparison of longitudinal health-related quality-of-life outcomes between anterior and posterior surgical approaches to robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2020;14;255-260	3
4097	W. H. P. Song, J. H.Tae, B. S.Kim, S. M.Hur, M.Seo, J. H.Ku, J. H.Kwak, C.Kim, H. H.Kim, K.Jeong, C. W., Establishment of Novel Intraoperative Monitoring and Mapping Method for the Cavernous Nerve During Robot-assisted Radical Prostatectomy: Results of the Phase I/II, First-in-human, Feasibility Study. European Urology. 2020;78;221-228	3
4098	D. J. Wei, S.Goldstein, L.Nagle, D., Minimally invasive colectomy is associated with reduced risk of anastomotic leak and other major perioperative complications and reduced hospital resource utilization as compared with open surgery: a retrospective population-based study of comparative effectiveness and trends of surgical approach. Surgical Endoscopy. 2020;34;610-621	3
4099	S. Y. C. M. Lau, G.Wardill, D., Enhanced localization of duplicated ureters in robotic Hartmann's reversal using indocyanine green. ANZ Journal of Surgery. 2020;90;634-635	3
4100	M. L. Anderson, P.Aydinli, H. H.Schwartzberg, D.Bernstein, M.Grucela, A., Early experience with urgent robotic subtotal colectomy for severe acute ulcerative colitis has comparable perioperative outcomes to laparoscopic surgery. Journal of Robotic Surgery. 2020;14;249-253	12
4101	R. C. K. Rennert, U.Bartek, J.Tatter, S. B.Field, M.Toyota, B.Fecci, P. E.Judy, K.Mohammadi, A. M.Landazuri, P.Sloan, A. E.Kim, A. H.Leuthardt, E. C.Chen, C. C., Laser Ablation of Abnormal Neurological Tissue Using Robotic Neuroblate System (LAANTERN): Procedural Safety and Hospitalization. Neurosurgery. 2020;86;538-547	3
4102	S. H. L. Paek, H. A.Kwon, H.Kang, K. H.Park, S. J., Comparison of robot-assisted modified radical neck dissection using a bilateral axillary breast approach with a conventional open procedure after propensity score matching. Surgical Endoscopy. 2020;34;622-627	12
4103	A. L. L. Bastawrous, R. G.Liu, Y.Liu, E.Cleary, R. K., Incidence, associated risk factors, and impact of conversion to laparotomy in elective minimally invasive sigmoidectomy for diverticular disease. Surgical Endoscopy. 2020;34;598-609	12
4104	H. C. McDermott, N.Lewin-Runacres, M.Aemn, I.Moss, E., Gender differences in understanding and acceptance of robot-assisted surgery. Journal of Robotic Surgery. 2020;14;227-232	3
4105	R. Subramaniam, Experience with detrusorotomy in children by open and robotic approach. World Journal of Urology. 2020;38;1869-1874	5
4106	A. N. Sehitogullari, A.Anbar, R.Erdem, K.Bilgin, C., Comparison of perioperative outcomes of videothoracoscopy and robotic surgical techniques in thymoma. Asian Journal of Surgery. 2020;43;244-250	13

4107	Y. J. H. Huang, Y. M.Wang, W. L.Tong, Y. S.Hsu, W.Wei, P. L., Surgical outcomes of robotic transanal minimally invasive surgery for selected rectal neoplasms: A single-hospital experience. Asian Journal of Surgery. 2020;43;290-296	3
4108	R. D. De Groote, K.Larcher, A.Buelens, S.De Bleser, E.D'Hondt, F.Schatteman, P.Lumen, N.Montorsi, F.Mottrie, A.De Naeyer, G.Y. A. U. RoboticUrothelial, Group, Robot-assisted nephroureterectomy for upper tract urothelial carcinoma: results from three high-volume robotic surgery institutions. Journal of Robotic Surgery. 2020;14;211-219	3
4109	P. O. Movilla, M.Wang, J.Opoku-Anane, J., Predictors of Prolonged Operative Time for Robotic-Assisted Laparoscopic Myomectomy: Development of a Preoperative Calculator for Total Operative Time. Journal of Minimally Invasive Gynecology. 2020;27;646-654	3
4110	Y. T. Gao, K.Kato, T.Shono, N.Hata, N., Continuum Robot With Follow-the-Leader Motion for Endoscopic Third Ventriculostomy and Tumor Biopsy. IEEE Transactions on Biomedical Engineering. 2020;67;379-390	3
4111	K. W. Washington, J. R.Jeyarajah, D. R., The first year is the hardest: a comparison of early versus late experience after the introduction of robotic hiatal hernia repair. Journal of Robotic Surgery. 2020;14;205-210	3
4112	Y. K. W. Chao, Y. W.Chuang, W. Y.Cerfolio, R. J., Transition from video-assisted thoracoscopic to robotic esophagectomy: a single surgeon's experience. Diseases of the Esophagus. 2020;33;5	13
4113	K. T. A. Huntsman, L. A.Riggleman, J. R.Ledonio, C. G., Robotic-assisted navigated minimally invasive pedicle screw placement in the first 100 cases at a single institution. Journal of Robotic Surgery. 2020;14;199-203	3
4114	C. A. N. Hester, I.Christie, A.Augustine, M. M.Mansour, J. C.Polanco, P. M.Porembka, M. R.Shoultz, T. H.Wang, S. C.Yopp, A. C.Zeh, H. J., 3rdMinter, R. M., Predictors and outcomes of converted minimally invasive pancreaticoduodenectomy: a propensity score matched analysis. Surgical Endoscopy. 2020;34;544-550	12
4115	T. S. Kawal, R.Srinivasan, A.Chu, D.Weiss, D.Long, C.Van Batavia, J.Bodar, Y.Shah, J.Shukla, A. R., Robotic surgery in infants and children: an argument for smaller and fewer incisions. World Journal of Urology. 2020;38;1835-1840	3
4116	M. E. Milone, U.Allaix, M. E.Bianchi, P. P.Biondi, A.Boni, L.Bracale, U.Cassinotti, E.Ceccarelli, G.Corcione, F.Cuccurullo, D.Degiuli, M.De Manzini, N.D'Ugo, D.Formisano, G.Manigrasso, M.Morino, M.Palmisano, S.Persiani, R.Reddavid, R.Rondelli, F.Velotti, N.Rosati, R.De Palma, G. D., Fashioning enterotomy closure after totally laparoscopic ileocolic anastomosis for right colon cancer: a multicenter experience. Surgical Endoscopy. 2020;34;557-563	12
4117	A. E. S. Kahn, A. M.Ball, C. T.Thiel, D. D., Pre-operative factors that predict trifecta and pentafecta in robotic assisted partial nephrectomy. Journal of Robotic Surgery. 2020;14;185-190	3
4118	R. B. Bergholz, S.Verweij, J.Tytgat, S.Van Gemert, W.Boettcher, M.Ehlert, H.Reinshagen, K.Gidaro, S., Evaluation of a new robotic-assisted laparoscopic surgical system for procedures in small cavities. Journal of Robotic Surgery. 2020;14;191-197	2
4119	N. J. Crawford, N.Theodore, N., Ensuring navigation integrity using robotics in spine surgery. Journal of Robotic Surgery. 2020;14;177-183	3
4120	P. P. H. Grimminger, E.Babic, B.van der Sluis, P. C.Lang, H., Innovative fully robotic 4-arm Ivor Lewis esophagectomy for esophageal cancer (RAMIE4). Diseases of the Esophagus. 2020;33;16	3

4121	O. S. Kudoh, D.Hori, N.Kawagoe, I.Inada, E., The effects of a recruitment manoeuvre with positive end-expiratory pressure on lung compliance in patients undergoing robot-assisted laparoscopic radical prostatectomy. Journal of Clinical Monitoring & Computing. 2020;34;303-310	3
4122	J. S. S. Semrau, S. H.Hamilton, A. G.Petsikas, D.Payne, D. M.Bisleri, G.Saha, T.Boyd, J. G., Quantified pre-operative neurological dysfunction predicts outcome after coronary artery bypass surgery. Aging-Clinical & Experimental Research. 2020;32;289-297	3
4123	T. M. Toriumi, R.Kamiya, S.Tanizawa, Y.Bando, E.Terashima, M., Obesity is a risk factor for internal hernia after laparoscopic or robot-assisted gastrectomy with mesenteric defect closure for gastric cancer. Surgical Endoscopy. 2020;34;436-442	3
4124	B. U. C. Shyr, S. C.Shyr, Y. M.Wang, S. E., Surgical, survival, and oncological outcomes after vascular resection in robotic and open pancreaticoduodenectomy. Surgical Endoscopy. 2020;34;377-383	12
4125	A. S. Khlopas, N.Hozack, W. J.Chen, A. F.Mahoney, O. M.Kinsey, T.Orozco, F.Mont, M. A., Patient-Reported Functional and Satisfaction Outcomes after Robotic-Arm-Assisted Total Knee Arthroplasty: Early Results of a Prospective Multicenter Investigation. The Journal of Knee Surgery. 2020;33;685-690	12
4126	A. B. S. Porcaro, M.Corsi, P.Tafuri, A.Processali, T.Pirozzi, M.Amigoni, N.Rizzetto, R.Cacciamani, G.Mariotto, A.Diminutto, A.Brunelli, M.De Marco, V.Siracusano, S.Artibani, W., Risk factors of positive surgical margins after robot-assisted radical prostatectomy in high-volume center: results in 732 cases. Journal of Robotic Surgery. 2020;14;167-175	3
4127	T. M. M. Connelly, Z.Sehgal, R.Byrnes, G.Coffey, J. C.Peirce, C., The 100 most influential manuscripts in robotic surgery: a bibliometric analysis. Journal of Robotic Surgery. 2020;14;155-165	3
4128	J. T. D. Miura, L. A.Thapa, R.Kim, Y.Potdar, A.Daou, H.Sun, J.Sarnaik, A. A.Zager, J. S., Robotic-Assisted Pelvic Lymphadenectomy for Metastatic Melanoma Results in Durable Oncologic Outcomes. Annals of Surgical Oncology. 2020;27;196-202	12
4129	Y. C. Kong, S.Liu, X.Li, Z.Wang, L.Lu, C.Shen, S.Zhu, H.Zhou, Y., Short-Term Clinical Outcomes After Laparoscopic and Robotic Gastrectomy for Gastric Cancer: a Propensity Score Matching Analysis. Journal of Gastrointestinal Surgery. 2020;24;531-539	12
4130	A. C. Mejia, S. S.Vivian, E.Shah, J.Oduor, H.Archarya, P., Minimally invasive liver resection in the era of robotics: analysis of 214 cases. Surgical Endoscopy. 2020;34;339-348	12
4131	A. P. T. A. van der Ploeg, N.Akkersdijk, G. P.van Rossem, C. C.de Rooij, P. D., Postoperative pain after lobectomy: robot-assisted, video-assisted and open thoracic surgery. Journal of Robotic Surgery. 2020;14;131-136	13
4132	C. C. L. Chong, K. F.Chu, C. M.Chan, A. W.Yu, S. C.Lai, P. B., Laparoscopic Hepatectomy (with or without Robotic Assistance) versus Radiofrequency Ablation as a Minimally Invasive Treatment for Very Early-Stage or Early-Stage Hepatocellular Carcinoma. Digestive Surgery. 2020;37;65-71	2
4133	Y. W. L. Chang, H. Y.Ji, W. B.Kim, H. Y.Kim, W. Y.Lee, J. B.Son, G. S., Detailed comparison of robotic and endoscopic transaxillary thyroidectomy. Asian Journal of Surgery. 2020;43;234-239	12
4134	P. B. Abrishami, A.Horstman, K., When the Evidence Basis Breeds Controversies: Exploring the Value Profile of Robotic Surgery Beyond the Early Introduction Phase. Medical Care Research & Review. 2020;77;596-608	3

4135	U. J. Khrucharoen, Y. Y.Chen, Y.Jimenez, J. C.Dutson, E. P., Short- and intermediate-term clinical outcome comparison between laparoscopic and robotic-assisted median arcuate ligament release. Journal of Robotic Surgery. 2020;14;123-129	12
4136	N. M. S. Buffi, A.Lughezzani, G.Porter, J.Dell'Oglio, P.Amparore, D.Fiori, C.Denaeyer, G.Porpiglia, F.Mottrie, A.Erus Scientific Working Group, Robot-assisted Partial Nephrectomy for Complex (PADUA Score >=10) Tumors: Techniques and Results from a Multicenter Experience at Four High-volume Centers. European Urology. 2020;77;95-100	3
4137	S. B. Erestam, D.Erichsen Andersson, A.Bjartell, A.Carlsson, S.Stinesen Kollberg, K.Sjoberg, D.Steineck, G.Stranne, J.Thorsteinsdottir, T.Tyritzis, S.Wallerstedt Lantz, A.Wiklund, P.Angenete, E.Haglind, E., Associations between intraoperative factors and surgeons' self-assessed operative satisfaction. Surgical Endoscopy. 2020;34;61-68	1
4138	Y. Y. Kohjimoto, S.Kikkawa, K.Iba, A.Matsumura, N.Hara, I., The Association of Length of the Resected Membranous Urethra With Urinary Incontinence After Radical Prostatectomy. Urology Journal. 2020;17;146-151	12
4139	R. R. R. Bajpai, S.Sanchez-Gonzalez, M. A.Razdan, S., Simultaneous robotic assisted laparoscopic prostatectomy (RALP) and inguinal herniorrhaphy (IHR): proof-of-concept analysis from a high-volume center. Hernia. 2020;24;107-113	3
4140	V. B. Mendes, F.Escoffre, J. M.Binet, A.Lardy, H.Marret, H.Marchal, F.Hebert, T., Experience implication in subjective surgical ergonomics comparison between laparoscopic and robot-assisted surgeries. Journal of Robotic Surgery. 2020;14;115-121	4
4141	N. G. Sethi, M.Padhye, V.Ooi, E. H.Foreman, A.Krishnan, S.Hodge, J. C., Transoral robotic surgery using the Medrobotic Flex^R system: the Adelaide experience. Journal of Robotic Surgery. 2020;14;109-113	3
4142	J. G. t. Bittner, M.Jacob, B. P., Management of a primary ventral incisional hernia: a survey of the International Hernia Collaboration. Journal of Robotic Surgery. 2020;14;95-99	3
4143	B. A. Onan, U.Kadirogullari, E.Onan, I. S.Sen, O.Kahraman, Z., Robotic repair of partial anomalous pulmonary venous connection: the initial experience and technical details. Journal of Robotic Surgery. 2020;14;101-107	3
4144	D. M. Benito, M. C.Thakkar, P. G.Goodman, J. F.Sadeghi, N.Joshi, A. S., A cost effective custom dental guard for transoral robotic surgery. Journal of Robotic Surgery. 2020;14;91-94	2
4145	F. M. Gabrysz-Forget, T.Dolan, R.Yarlagadda, B., Perioperative safety, feasibility, and oncologic utility of transoral robotic surgery with da Vinci Xi platform. Journal of Robotic Surgery. 2020;14;85-89	3
4146	M. S. Gouzos, N.Foreman, A.Krishnan, S.Hodge, J. C., How I do it: transnasal retraction during transoral robotic oropharyngeal resection. Journal of Robotic Surgery. 2020;14;81-84	3
4147	I. S. Sucandy, S.Bourdeau, T.Spence, J.Attili, A.Ross, S.Rosemurgy, A., Robotic hepatectomy for benign and malignant liver tumors. Journal of Robotic Surgery. 2020;14;75-80	3
4148	S. S. Miah, P.Patel, A.Lovegrove, C.Skelton, L.Shah, T. T.Eldred-Evans, D.Arya, M.Tam, H.Ahmed, H. U.Winkler, M., A prospective analysis of robotic targeted MRI-US fusion prostate biopsy using the centroid targeting approach. Journal of Robotic Surgery. 2020;14;69-74	3

4149	I. B. Hamzaoglu, B.Esen, E.Aytac, E.Ozben, V.Aghayeva, A.Bilgin, I. A.Karahasanoglu, T., Short-term Results After Totally Robotic Restorative Total Proctocolectomy With Ileal Pouch Anal Anastomosis for Ulcerative Colitis. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2020;30;40-44	3
4150	A. K. N. Battenberg, N. A.Lonner, J. H., A novel handheld robotic-assisted system for unicompartmental knee arthroplasty: surgical technique and early survivorship. Journal of Robotic Surgery. 2020;14;55-60	2
4151	S. S. Panda, K.Thakar, A.Sharma, S. C.Krishnamurthy, P., Transoral robotic surgery for the parapharyngeal space: expanding the transoral corridor. Journal of Robotic Surgery. 2020;14;61-67	5
4152	D. M. Motoyama, Y.Watanabe, H.Tamura, K.Ito, T.Sugiyama, T.Otsuka, A.Miyake, H., Improved perioperative outcomes by early unclamping prior to renorrhaphy compared with conventional clamping during robot-assisted partial nephrectomy: a propensity score matching analysis. Journal of Robotic Surgery. 2020;14;47-53	5
4153	I. A. Sucandy, A.Spence, J.Bordeau, T.Ross, S.Rosemurgy, A., The impact of body mass index on perioperative outcomes after robotic liver resection. Journal of Robotic Surgery. 2020;14;41-46	5
4154	L. H. C. P. Kim, A.Kinsella, N.Sharabiani, M. T. A.Ap Dafydd, D.Cahill, D., Association Between Preoperative Magnetic Resonance Imaging-based Urethral Parameters and Continence Recovery Following Robot-assisted Radical Prostatectomy. European Urology Focus. 2020;6;1013-1020	5
4155	D. M. Motoyama, Y.Watanabe, H.Tamura, K.Suzuki, T.Ito, T.Sugiyama, T.Otsuka, A.Miyake, H., Initial learning curve for robot-assisted partial nephrectomy performed by a single experienced robotic surgeon. Asian Journal of Endoscopic Surgery. 2020;13;59-64	1
4156	K. K. Shee, K.Wu, X.Ghali, F. M.Halter, R. J.Hyams, E. S., A novel ex vivo trainer for robotic vesicourethral anastomosis. Journal of Robotic Surgery. 2020;14;21-27	1
4157	A. L. V. Askew, A. G.Weidner, A. C.Truong, T.Siddiqui, N. Y.Bradley, M. S., Does Mesh Weight Affect Time to Failure After Robotic-Assisted Laparoscopic Sacrocolpopexy?. Female Pelvic Medicine & Reconstructive Surgery. 2020;26;536-540	2
4158	K. E. L. Law, B. R.Kelley, S. R.Blocker, R. C.Larson, D. W.Hallbeck, M. S.Nelson, H., NASA-Task Load Index Differentiates Surgical Approach: Opportunities for Improvement in Colon and Rectal Surgery. Annals of Surgery. 2020;271;906-912	2
4159	F. M. Soria, M.D'Andrea, D.Abufaraj, M.Foerster, B.Mathieu, R.Gust, K. M.Gontero, P.Simone, G.Meraney, A.Krishna, S.Konety, B.Roupret, M.Perry, M.Rowe, E.Ploussard, G.Boorjian, S. A.Wiklund, P.Sooriakumaran, P.Shariat, S. F., Comparative Effectiveness in Perioperative Outcomes of Robotic versus Open Radical Cystectomy: Results from a Multicenter Contemporary Retrospective Cohort Study. European Urology Focus. 2020;6;1233-1239	13
4160	Z. E. P. Khene, B.Freton, L.Graffeille, V.Pradere, B.Robert, C.Kammerer-Jacquet, S. F.Verhoest, G.Rioux-Leclercq, N.Shariat, S.Mathieu, R.Bensalah, K., What Is Better for Predicting Morbidity of Robotic Partial Nephrectomy-A Score or Your Clinical Judgement?. European Urology Focus. 2020;6;313-319	3
4161	G. L. Lista, G.Buffi, N. M.Saita, A.Vanni, E.Hurle, R.Cardone, P.Peschechera, R.Forni, G.Lazzeri, M.Guazzoni, G.Casale, P., Early Catheter Removal After Robot-assisted Radical Prostatectomy: Results from a Prospective Single-institutional Randomized Trial (Ripreca Study). European Urology Focus. 2020;6;259-266	3
4162	B. B. Gershman, L.Chen, Z.Konety, B.Schumache, F.Li, L.Kutikov, A.Smaldone, M.Abouassaly, R.Kim, S. P., The Association of Robot-assisted Versus Pure Laparoscopic Radical Nephrectomy with Perioperative Outcomes and Hospital Costs. European Urology Focus. 2020;6;305-312	13
4163	V. P. Vallabh-Patel, P.Salamon, C., Indwelling Versus Immediate Removal of Transurethral Catheter After Robotic Sacrocolpopexy: A Randomized Clinical Trial. Female Pelvic Medicine & Reconstructive Surgery. 2020;26;617-621	3

4164	G. D. L. Albo, E.Gallioli, A.Boeri, L.Zanetti, S. P.Longo, F.Rocco, B.Montanari, E., Role of Bed Assistant During Robot-assisted Radical Prostatectomy: The Effect of Learning Curve on Perioperative Variables. European Urology Focus. 2020;6;397-403	1
4165	P. A. B. de Carvalho, JabaGuglielmetti, G. B.Cordeiro, M. D.Rocco, B.Nahas, W. C.Patel, V.Coelho, R. F., Retrograde Release of the Neurovascular Bundle with Preservation of Dorsal Venous Complex During Robot-assisted Radical Prostatectomy: Optimizing Functional Outcomes. European Urology. 2020;77;628-635	3
4166	T. J. Dalsgaard, M. D.Hartwell, D.Mosgaard, B. J.Jorgensen, A.Jensen, B. R., Robotic Surgery Is Less Physically Demanding Than Laparoscopic Surgery: Paired Cross Sectional Study. Annals of Surgery. 2020;271;106-113	4
4167	A. G. Mangano, F.Bustos, R.Masrur, M.Bianco, F.Fernandes, E.Valle, V.Giulianotti, P. C., Robotic right colonic resection. Is the robotic third arm a game-changer?. Minerva Chirurgica. 2020;75;44571	3
4168	T. J. W. Brueseke, M. F.Willis-Gray, M. G.Husk, K. E.Peedin, A. R.Geller, E. J.Wu, J. M., Transfusion Rates and the Utility of Type and Screen for Pelvic Organ Prolapse Surgery. Female Pelvic Medicine & Reconstructive Surgery. 2020;26;51-55	12
4169	G. L. L. Carvalho, D. L.Shadduck, P. P.de Goes, G. H. B.Alves de Carvalho, G. B.Cordeiro, R. N.Calheiros, E. M. Q.Cavalcanti Dos Santos, D., Which Cholecystectomy do Medical Students Prefer?. Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Jan-Mar	1
4170	E. R. K. Raskin, D. S.Gorrepati, M. L.Akiel-Fu, S.Mehendale, S.Cleary, R. K., Propensity-Matched Analysis of Sigmoidectomies for Diverticular Disease. Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Jan-Mar	12
4171	S. E. Stintzing, J. V.Fueweger, C.Haidenberger, A.Fedorov, M.Muavcevic, A., Long-term Survival in Patients Treated with a Robotic Radiosurgical Device for Liver Metastases. Cancer Research & Treatment. 2019;51;187-193	3
4172	J. H. K. Kim, S. Y.Yun, S. J.Chung, J. I.Choi, H.Yu, H. S.Ha, Y. S.Cho, I. C.Kim, H. J.Chung, H. C.Koh, J. S.Kim, W. J.Park, J. H.Lee, J. Y., Medical Travel among Non-Seoul Residents to Seek Prostate Cancer Treatment in Medical Facilities of Seoul. Cancer Research & Treatment. 2019;51;53-64	2
4173	P. C. Nicol, J. M.d'Ortho, M. P.Goudot, P.Vacher, C., The parapharyngeal adipose corpus: anatomic and radiologic study. Surgical & Radiologic Anatomy. 2019;41;809-813	2
4174	V. R. E. Varma, A.Kang, S. Y.Kumar, B.Brown, N. V.Zhao, S.Brock, G.Agrawal, A.Carrau, R. L.Old, M. O.Ozer, E.Rocco, J. W.Schuller, D. E.Dziegielewski, P. T.Cipolla, M. J.Teknos, T. N., Predictors of gastrostomy tube dependence in surgically managed oropharyngeal squamous cell carcinoma. Laryngoscope. 2019;129;415-421	2
4175	J. G. Kaouk, J.Bertolo, R., Robotic Urologic Surgical Interventions Performed with the Single Port Dedicated Platform: First Clinical Investigation. European Urology. 2019;75;684-691	3
4176	G. Y. C. Zhu, Y. C.Du, T. T.Liu, D. F.Zhang, X.Liu, Y. Y.Yuan, T. S.Shi, L.Zhang, J. G., The Accuracy and Feasibility of Robotic Assisted Lead Implantation in Nonhuman Primates. Neuromodulation. 2019;22;441-450	1
4177	J. J. Teng, Z.Ai, X.Guan, Y.Gao, F., A Modified Transurethral Stenting Technique for (Robot-Assisted) Laparoscopic Ureteral Reimplantation. Urologia Internationalis. 2019;102;385-389	3

4178	G. H. P. Kim, N.Yan, J.Wu, D.Li, G.Cleary, K.Iordachita, I., Shoulder-mounted Robot for MRI-Guided Arthrography: Clinically Optimized System. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;1977-1980	3
4179	S. L. M. Jorgensen, O.Wu, C. S.Korsholm, M.Lund, K.Jensen, P. T., Survival after a nationwide introduction of robotic surgery in women with early-stage endometrial cancer: a population-based prospective cohort study. European Journal of Cancer. 2019;109;44572	3
4180	A. J. Abiri, Y. Y.Tao, A.Askari, S. J.Pensa, J.Bisley, J. W.Dutson, E. P.Grundfest, W. S., Artificial palpation in robotic surgery using haptic feedback. Surgical Endoscopy. 2019;33;1252-1259	3
4181	H. J. K. Han, C. M., Reduced port minimally invasive distal pancreatectomy: single-port laparoscopic versus robotic single-site plus one-port distal pancreatectomy. Surgical Endoscopy. 2019;33;1091-1099	12
4182	R. M. A. Seyam, M. M.Alkhudair, W. K.Alzahrani, H. M.Azhar, R. A.Alothman, K. I.Al-Hussain, T. O.Alotaibi, M. F., Operative outcomes of robotic partial nephrectomy. A report of the first 101 cases from a single center in Saudi Arabia. Saudi Medical Journal. 2019;40;33-40	3
4183	D. B. Johnson, Jr.Sutphen, S. A.Wasielewski, R. C., Radiographic and Clinical Outcomes Following Robotic-Assisted Lateral Unicompartmental Knee Arthroplasty. Journal of Long-Term Effects of Medical Implants. 2019;29;191-196	3
4184	A. H. Kapsalyamov, S.Jamwal, P. K., A novel compliant surgical robot: Preliminary design analysis. Mathematical Biosciences & Engineering: MBE. 2019;17;1944-1958	5
4185	M. P. Salibasic, S.Bicakcic, E.Pasic, A.Gavric, I.Kulovic, E.Rovcanin, A.Beslija, S., Colorectal Cancer Surgical Treatment, our Experience. Medicinski Arhiv. 2019;73;412-414	2
4186	G. R. V. Damiani, M.Di Naro, E.Signorelli, M.Corso, S.Trojano, G.Loverro, M.Capursi, T.Muzzupapa, G.Pellegrino, A., Outcomes of robotic surgery performed in patients with high BMI class: experience by a single surgeon. Minerva Ginecologica. 2019;71;412-418	3
4187	W. P. Golusinski, P.Majchrzak, E., Robotic surgery (da Vinci Xi system) in head and neck cancer - own experience. Otolaryngologia Polska. 2019;74;44566	3
4188	S. M. L. Kamrul Hasan, C. A., U-NetPlus: A Modified Encoder-Decoder U-Net Architecture for Semantic and Instance Segmentation of Surgical Instruments from Laparoscopic Images. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;7205-7211	3
4189	M. F. Mikic, P.Looi, T.Gerstle, J. T.Drake, J., Bone Conduction Headphones for Force Feedback in Robotic Surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;7128-7133	3
4190	M. F. Schluter, C.Schlaefer, A., Optimizing Configurations for 7-DoF Robotic Ultrasound Guidance in Radiotherapy of the Prostate. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;6983-6986	5
4191	R. R. Zhu, L.Renaud, P.Mescheder, U., Determination of a tactile feedback strategy for use in robotized percutaneous procedures. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;5846-5850	5
4192	F. T. Wang, N. J.Kesavadas, T.Ferreira, P. M., Mechanical Design and Modeling of a Manipulator Tool for a Compact Multiple-Tool Single Port Laparoscopic Robot Platform. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;5836-5841	3

4193	Z. L. B. Ni, G. B.Xie, X. L.Hou, Z. G.Zhou, X. H.Zhou, Y. J., RASNet: Segmentation for Tracking Surgical Instruments in Surgical Videos Using Refined Attention Segmentation Network. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;5735-5738	3
4194	M. H. M. Azarsa, A.Shadmehr, A.Karimi, N.Mirbagheri, M. M., Design and Preliminary Evaluation of a Novel Robotic System for Mobilization of Glenohumeral Joint[.]. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;5411-5414	2
4195	H. A. Z. Poor, M.Lohmann, C. P.Cerveri, P.Nasseri, M. A., Reducing the Number of Degrees of Freedom to Control an Eye Surgical Robot through Classification of Surgical Phases. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;5403-5406	3
4196	O. M. H. Omisore, S.Zhou, T.Al-Handarish, Y.Du, W.Ivanov, K.Wang, L., Learning-based Parameter Estimation for Hysteresis Modeling in Robotic Catheterization. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;5399-5402	5
4197	C. L. Ng, W.Gan, C. W.Yee Lim, H.Tan, K. K., Precision Motion Control using Nonlinear Contact Force Model in a Surgical Device. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;5378-5381	2
4198	Y. C. Li, J.Mei, H.Ma, H.Chen, Z.Li, Y., CLPNet: Cleft Lip and Palate Surgery Support With Deep Learning. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2019;2019;3666-3672	2
4199	Y. C. Kim, S.Kang, S.Park, B., Propofol Affects Optic Nerve Sheath Diameter less than Sevoflurane during Robotic Surgery in the Steep Trendelenburg Position. BioMed Research International. 2019;2019;5617815	3
4200	A. A. L. Damadi, E. A.Smithson, L.Pearlman, R. D., Comparison of Therapeutic Benefit of Bupivacaine HCl Transversus Abdominis Plane (TAP) Block as Part of an Enhanced Recovery Pathway versus Traditional Oral and Intravenous Pain Control after Minimally Invasive Colorectal Surgery: A Prospective, Randomized, Double-Blind Trial. American Surgeon. 2019;85;1363-1368	2
4201	H. D. Moit, A.De Sutter, M.Heinzel, S.Crawford, D., A Standardized Robotic Training Curriculum in a General Surgery Program. Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Oct-Dec	1
4202	Y. K. Zhang, J. R.Guan, X., Single-Incision Hysterectomy Outcomes With and Without Robotic Assistance. Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Oct-Dec	13
4203	J. R. N. de Almeida, C. W.Veigas, M.Martino, R.Chepeha, D. B.Bratman, S. V.Goldstein, D. P.Hansen, A. R.Yu, E.Metser, U.Weinreb, I.Perez-Ordonez, B.Xu, W.Kim, J., Finding/identifying primaries with neck disease (FIND) clinical trial protocol: a study integrating transoral robotic surgery, histopathological localisation and tailored deintensification of radiotherapy for unknown primary and small oropharyngeal head and neck squamous cell carcinoma. BMJ Open. 2019;9;e035431	3
4204	A. Z. Balduzzi, M. J. W.Kempeneers, R. M. A.Boermeester, M. A.Busch, O. R.Besselink, M. G., Robotic Lateral Pancreaticojejunostomy for Chronic Pancreatitis. Journal of Visualized Experiments. 2019;154;14	5
4205	H. L. Yu, Y.Xiao, Y.Guo, J.Yin, X.Yang, Y.Wang, H.Gao, J., Robot-assisted laparoscopic antegrade versus open inguinal lymphadenectomy: a retrospective controlled study. BMC Urology. 2019;19;135	12
4206	A. P. Wang, C. F.Wang, S.Elsamra, S.Siddiqui, M. M., Characterization of a learning curve for robotic cystectomy with intracorporeal urinary diversion at two institutions using the cumulative sum (CUSUM) method. Canadian Journal of Urology. 2019;26;10033-10038	4

4207	M. N. A. Milner, E. C.Candelaria-Oquendo, K.Rice, S.Winter, S. R.Ragbir, N. K., Patient Perceptions of New Robotic Technologies in Clinical Restorative Dentistry. Journal of Medical Systems. 2019;44;33	3
4208	I. A. Monsellato, F.Bertocchi, E.Gori, S.Ruffo, G.Cassinotti, E.Baldari, L.Boni, L.Pernazza, G.Pulighe, F.De Nisco, C.Perinotti, R.Morpurgo, E.Contardo, T.Mammano, E.Elmore, U.Delpini, R.Rosati, R.Perna, F.Coratti, A.Menegatti, B.Gentilli, S.Baroffio, P.Buccianti, P.Balestri, R.Ceccarelli, C.Torri, V.Cavaliere, D.Solaini, L.Ercolani, G.Traverso, E.Fusco, V.Rossi, M.Priora, F.Numico, G.Franzone, P.Orecchia, S., Standard (8 weeks) vs long (12 weeks) timing to minimally-invasive surgery after NeoAdjuvant Chemoradiotherapy for rectal cancer: a multicenter randomized controlled parallel group trial (TiMiSNAR). BMC Cancer. 2019;19;1215	2
4209	M. P. Zatloukal, V.Ostrizkova, L.Valek, V.Kala, Z.Penka, I., Synchronous liver metastases of rectal cancer and the possibility of simultaneous resection. Rozhledy V Chirurgii. 2019;98;394-398	2
4210	D. M. Motoyama, Y.Watanabe, H.Tamura, K.Ito, T.Sugiyama, T.Otsuka, A.Miyake, H., Significant impact of three-dimensional volumetry of perinephric fat on the console time during robot-assisted partial nephrectomy. BMC Urology. 2019;19;132	5
4211	P. C. C. Chen, C. C.Chen, H. T.Lin, C. Y.Ho, T. Y.Chen, Y. J.Tsai, C. H.Tsou, H. K.Lin, C. S.Chen, Y. W.Hsu, H. C., The Accuracy of 3D Printing Assistance in the Spinal Deformity Surgery. BioMed Research International. 2019;2019;7196528	2
4212	A. G. Hage, V.Jones, P.Chu, M. W.Fox, S.Teefy, P.Lavi, S.Bainbridge, D.Harle, C.Iglesias, I.Dobkowski, W.Kiaii, B., Hybrid Coronary Revascularization Versus Off-Pump Coronary Artery Bypass Grafting: Comparative Effectiveness Analysis With Long-Term Follow-up. Journal of the American Heart Association. 2019;8;e014204	3
4213	P. B. Di Benedetto, M. M.Magnanelli, S.Cainero, V.Causero, A., Comparison between standard technique and image-free robotic technique in medial unicompartmental knee arthroplasty. Preliminary data. Acta Bio-Medica de l Ateneo Parmense. 2019;90;104-108	3
4214	F. G. Pastor, J. M.Garcia-Cerezo, A. J.Gomez-de-Gabriel, J. M., Using 3D Convolutional Neural Networks for Tactile Object Recognition with Robotic Palpation. Sensors. 2019;19;5	2
4215	H. I. A. Cimen, Y. T.Gul, D.Uysal, B.Balbay, M. D., Serving as a bedside surgeon before performing robotic radical prostatectomy improves surgical outcomes. International Braz J Urol. 2019;45;1122-1128	1
4216	A. M. R. Shumate, G.Ball, C. T.Thiel, D. D., Prospective evaluation of the effect of adherent perinephric fat on outcomes of robotic assisted partial nephrectomy following elimination of the learning curve. International Braz J Urol. 2019;45;1136-1143	5
4217	J. R. Navarro, S. Y.Kang, I.Choi, G. H.Min, B. S., Robotic simultaneous resection for colorectal liver metastasis: feasibility for all types of liver resection. Langenbecks Archives of Surgery. 2019;404;895-908	5
4218	J. S. S. Semrau, S. H.Hamilton, A. G.Petsikas, D.Payne, D. M.Bisleri, G.Saha, T.Boyd, J. G., Road to recovery: a study protocol quantifying neurological outcome in cardiac surgery patients and the role of cerebral oximetry. BMJ Open. 2019;9;e032935	2
4219	K. K. H. Park, C. D.Yang, I. H.Lee, W. S.Han, J. H.Kwon, H. M., Robot-assisted unicompartmental knee arthroplasty can reduce radiologic outliers compared to conventional techniques. PLoS ONE [Electronic Resource]. 2019;14;e0225941	12

4220	Q. Y. L. Li, N.Huang, Q. B.Luo, Y. K.Wang, B. J.Guo, A. T.Ma, X.Zhang, X.Tang, J., Contrast-enhanced ultrasound in detecting wall invasion and differentiating bland from tumor thrombus during robot-assisted inferior vena cava thrombectomy for renal cell carcinoma. Cancer Imaging. 2019;19;79	5
4221	F. V. Gerbaud, A.Danoussou, D.Goasguen, N.Oberlin, O.Lupinacci, R. M., Experience With Transitioning From Laparoscopic to Robotic Right Colectomy. Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Oct-Dec	12
4222	S. S. V. Panesar, J. J.Lumsden, A.Desai, V.Kleiman, N. S.Sample, T. L.Elkins, E.Britz, G. W., Telerobotic stroke intervention: a novel solution to the care dissemination dilemma. Journal of Neurosurgery. 2019;132;971-978	5
4223	H. Y. Yokota, T.Watanabe, T.Sasagawa, Y.Nakada, M., Method for the Detection of Tumor Blood Vessels in Neurosurgery Using a Gripping Force Feedback System. Sensors. 2019;19;25	2
4224	T. M. K. Lombardi, B. S.Tsai, L. J.Waalen, J. M.Wachi, N., Preemptive Oral Compared With Intravenous Acetaminophen for Postoperative Pain After Robotic-Assisted Laparoscopic Hysterectomy: A Randomized Controlled Trial. Obstetrics & Gynecology. 2019;134;1293-1297	2
4225	B. Z. Bi, S.Zhao, Y., The effect of robot-navigation-assisted core decompression on early stage osteonecrosis of the femoral head. Journal of Orthopaedic Surgery. 2019;14;375	12
4226	J. C. L. Brandao, M. A.Motta-Ribeiro, G.Hashimoto, S.Paula, L. F.Torsani, V.Le, L.Bao, X.Eikermann, M.Dahl, D. M.Deng, H.Tabatabaei, S.Amato, M. B. P.Vidal Melo, M. F., Global and Regional Respiratory Mechanics During Robotic-Assisted Laparoscopic Surgery: A Randomized Study. Anesthesia & Analgesia. 2019;129;1564-1573	3
4227	D. S. T. Oh, W. B.Cesnik, L.Crosby, A.Cerfolio, R. J., Port Strategies for Robot-Assisted Lobectomy by High-Volume Thoracic Surgeons: A Nationwide Survey. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2019;14;545-552	1
4228	E. S. D. Boia, V. L., The Financial Burden of Setting up a Pediatric Robotic Surgery Program. Medicina. 2019;55;14	3
4229	C. M. Esposito, L.Castagnetti, M.Sforza, S.Farina, A.Cerulo, M.Cini, C.Del Conte, F.Escolino, M., Robot-assisted vs laparoscopic pyeloplasty in children with uretero-pelvic junction obstruction (UPJO): technical considerations and results. Journal of pediatric urology. 2019;15;667.e1-667.e8	13
4230	J. C. L. Kim, J. L.Kim, C. W.Lim, S. B.Alsaleem, H. A.Park, S. H., Mechanotechnical faults and particular issues of anastomotic complications following robot-assisted anterior resection in 968 rectal cancer patients. Journal of Surgical Oncology. 2019;120;1436-1445	2
4231	J. N. G. Nyarangi-Dix, M.Gradinarov, G.Hofer, L.Schutz, V.Gasch, C.Radtke, J. P.Hohenfellner, M., Retzius-sparing robot-assisted laparoscopic radical prostatectomy: functional and early oncologic results in aggressive and locally advanced prostate cancer. BMC Urology. 2019;19;113	3
4232	P. S. Tejedor, F.Flashman, K.Lee, Y. H.Naqvi, S.Kandala, N.Khan, J., The impact of robotic total mesorectal excision on survival of patients with rectal cancer-a propensity matched analysis. International Journal of Colorectal Disease. 2019;34;2081-2089	12
4233	R. L. Luo, D.Ye, S.Tang, H.Zhu, W.He, P.Tang, C.Li, T., Short- and long-term outcomes of totally robotic versus robotic-assisted radical distal gastrectomy for advanced gastric cancer: a mono-institution retrospective study. World Journal of Surgical Oncology. 2019;17;188	3
4234	C. W. F. Chen, A. A.Gerber, M. J.Lee, Y. H.Govetto, A.Tsao, T. C.Hubschman, J. P., Semiautomated optical coherence tomography-guided robotic surgery for porcine lens removal. Journal of Cataract & Refractive Surgery. 2019;45;1665-1669	1

4235	T. K. Nakagawa, Y.Naito, R.Iwamoto, H.Yaegashi, H.Iijima, M.Kawaguchi, S.Nohara, T.Shigehara, K.Izumi, K.Mizokami, A., Factors Associated With Treatment Satisfaction After Robot-assisted Radical Prostatectomy. Anticancer Research. 2019;39;6339-6346	5
4236	F. B. Shao, H.Tang, M.Xue, Y.Dai, Y.Zhang, J., Tissue discrimination by bioelectrical impedance during PLL resection in anterior decompression surgery for treatment of cervical spondylotic myelopathy. Journal of Orthopaedic Surgery. 2019;14;341	2
4237	J. H. P. Tae, J. H.Shim, J. S.Cho, S.Kang, S. G.Ko, Y. H.Cheon, J.Lee, J. G.Kang, S. H., Oncological and functional outcomes of robot-assisted radical cystectomy in bladder cancer patients in a single tertiary center: Can these be preserved throughout the learning curve?. Investigative And Clinical Urology. 2019;60;463-471	5
4238	F. X. Wei, M.Lai, X.Zhang, J.Yiengpruksawan, A.Lu, Y.Liu, J.Wang, Z., Three-dimensional printed dry lab training models to simulate robotic-assisted pancreaticojejunostomy. ANZ Journal of Surgery. 2019;89;1631-1635	1
4239	R. W. Schmitz, F.Darwich, I.Kloeckner-Lang, S. M.Saelzer, H.Labenz, J.Borkenstein, D. P.Zani, S., Robotic-Assisted Nissen Fundoplication with the Senhance R Surgical System: Technical Aspects and Early Results. Surgical Technology International. 2019;35;113-119	5
4240	B. X. N. Tran, S.Sahin, O.Vu, T. M.Ha, G. H.Vu, G. T.Pham, H. Q.Do, H. T.Latkin, C. A.Tam, W.Ho, C. S. H.Ho, R. C. M., Modeling Research Topics for Artificial Intelligence Applications in Medicine: Latent Dirichlet Allocation Application Study. Journal of Medical Internet Research. 2019;21;e15511	2
4241	G. B. Houvenaeghel, M.Rua, S.Barrou, J.Heinemann, M.Lambaudie, E.Cohen, M., Skin sparing mastectomy and robotic latissimus dorsi-flap reconstruction through a single incision. World Journal of Surgical Oncology. 2019;17;176	3
4242	G. N. Mirmilstein, J.Gbolahan, O.Vasdev, N.Lane, T.Adshead, J., The Lister AirSeal R port closure technique - Initial patient outcomes. Annals of the Royal College of Surgeons of England. 2019;101;606-608	2
4243	K. A. LeBlanc, Design of a comparative outcome analysis of open, laparoscopic, or robotic-assisted incisional or inguinal hernia repair utilizing surgeon experience and a novel follow-up model. Contemporary Clinical Trials. 2019;86;105853	7
4244	Q. X. Zhang, Y. F.Tian, W.Le, X. F.Liu, B.Liu, Y. J.He, D.Sun, Y. Q.Yuan, Q.Lang, Z.Han, X. G., Comparison of Superior-Level Facet Joint Violations Between Robot-Assisted Percutaneous Pedicle Screw Placement and Conventional Open Fluoroscopic-Guided Pedicle Screw Placement. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2019;11;850-856	12
4245	X. D. L. Wang, H.Li, K. N., Treatment of Femoral Neck Fractures with Cannulated Screw Invasive Internal Fixation Assisted by Orthopaedic Surgery Robot Positioning System. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2019;11;864-872	12
4246	I. Z. Chough, K.Ovsepyan, G.Fleshner, P., It Is Not Just Cosmesis: Straight Laparoscopy with Stoma Site Extraction Improves Outcomes in Ulcerative Colitis Patients Undergoing Total Colectomy. American Surgeon. 2019;85;1194-1197	2
4247	A. M. Truong, A.Fleshner, P.Zaghiyan, K., No Pain, More Gain: Reduced Postoperative Opioid Consumption with a Standardized Opioid-Sparing Multimodal Analgesia Protocol in Opioid-Tolerant Patients Undergoing Colorectal Surgery. American Surgeon. 2019;85;1155-1158	2
4248	Z. S. Huo, Z.Zhai, S.Li, J.Qian, H.Tang, X.Weng, Y.Shi, Y.Wang, L.Wang, Y.Deng, X.Shen, B., Predicting Selection Preference of Robotic Pancreaticoduodenectomy (RPD) in a Chinese Single Center Population: Development and Assessment of a New Predictive Nomogram. Medical Science Monitor. 2019;25;8034-8042	3

4249	H. A. M. Adamou, I.Halidou, M.Diongole, H.Doutchi, M.Habou, O.Ganiou, K.Soumana, A.Sani, R., Surgical management of pyelo-ureteral junction syndrome in a resource-limited setting: case of Zinder National Hospital, Niger. BMC Surgery. 2019;19;150	2
4250	C. V. Galata, G.Haas, F.Kienle, P.Buttner, S.Reisfelder, C.Hardt, J., Clinical, oncological, and functional outcomes of Da Vinci (Xi)-assisted versus conventional laparoscopic resection for rectal cancer: a prospective, controlled cohort study of 51 consecutive cases. International Journal of Colorectal Disease. 2019;34;1907-1914	12
4251	K. H. Taguchi, S.Okada, A.Tanaka, Y.Sugino, T.Unno, R.Kato, T.Ando, R.Tan, Y. K.Yasui, T., Robot-Assisted Fluoroscopy Versus Ultrasound-Guided Renal Access for Nephrolithotomy: A Phantom Model Benchtop Study. Journal of Endourology. 2019;33;987-994	7
4252	M. N. de Mathelin, F.Zanne, P.Dresp-Langley, B., Sensors for Expert Grip Force Profiling: Towards Benchmarking Manual Control of a Robotic Device for Surgical Tool Movements. Sensors. 2019;19;21	2
4253	C. C. Senger, A.Kluge, A.Pasemann, D.Kufeld, M.Acker, G.Lukas, M.Grun, A.Kalinauskaite, G.Budach, V.Waiser, J.Stromberger, C., Robotic stereotactic ablative radiotherapy for renal cell carcinoma in patients with impaired renal function. BMC Urology. 2019;19;96	3
4254	J. R. Wecowski, S. B.Jadick, M. F.Justice, A.Sucandy, I.Rosemurgy, A. S., THE Big Deal: An Institution's Experience with Robotic Transhiatal Esophagectomy. American Surgeon. 2019;85;1061-1065	3
4255	A. C. Giovannetti, D.Castro, M.Ross, S.Sucandy, I.Rosemurgy, A., Laparoendoscopic Single-Site (LESS) versus Robotic "Redo" Hiatal Hernia Repair with Fundoplication: Which Approach Is Better?. American Surgeon. 2019;85;978-984	12
4256	S. A. Maltais, L. A.Daly, R. C.Poddi, S.Topilsky, Y.Enrique-Sarano, M.Michelena, H. I.Mauermann, W. J.Dearani, J. A., Robotic Mitral Valve Repair: Indication for Surgery Does Not Influence Early Outcomes. Mayo Clinic Proceedings. 2019;94;2263-2269	3
4257	F. L. Shi, Y.Pan, Y.Sun, Q.Wang, G.Yu, T.Shi, C.Li, Y.Xia, H.She, J., Clinical feasibility and safety of third space robotic and endoscopic cooperative surgery for gastric gastrointestinal stromal tumors dissection : A new surgical technique for treating gastric GISTs. Surgical Endoscopy. 2019;33;4192-4200	3
4258	P. J. C. Kneuertz, D. H.D'Souza, D. M.Mardanzai, K.Abdel-Rasoul, M.Theegarten, D.Moffatt-Bruce, S. D.Aigner, C.Merritt, R. E., Propensity-score adjusted comparison of pathologic nodal upstaging by robotic, video-assisted thoracoscopic, and open lobectomy for non-small cell lung cancer. Journal of Thoracic & Cardiovascular Surgery. 2019;158;1457-1466.e2	4
4259	A. T. Brassetti, G.Anceschi, U.Ferriero, M.Guaglianone, S.Gallucci, M.Simone, G., Combined reporting of surgical quality, cancer control and functional outcomes of robot-assisted radical cystectomy with intracorporeal orthotopic neobladder into a novel trifecta. Minerva Urologica e Nefrologica. 2019;71;590-596	2
4260	C. H. L. Liu, Y. C.Lin, J. C.Chan, I. S.Lee, N. R.Chang, W. H.Liu, W. M.Wang, P. H., Radical Hysterectomy After Neoadjuvant Chemotherapy for Locally Bulky-Size Cervical Cancer: A Retrospective Comparative Analysis between the Robotic and Abdominal Approaches. International Journal of Environmental Research & Public Health [Electronic Resource]. 2019;16;11	13
4261	I. C.-M. Dallan, L.Seccia, V.Cambi, C.Fiacchini, G.Berrettini, S.Brevi, B., Transoral robotic tongue base reduction and supraglottoplasty combined with maxillomandibular advancement: a new option for selected sleep apnea patients? Preliminary report. European Archives of Oto-Rhino-Laryngology. 2019;276;3543-3548	3

4262	J. B. L. Wang, Z. Y.Chen, Q. Y.Zhong, Q.Xie, J. W.Lin, J. X.Lu, J.Cao, L. L.Lin, M.Tu, R. H.Huang, Z. N.Lin, J. L.Zheng, H. L.Que, S. J.Zheng, C. H.Huang, C. M.Li, P., Short-term efficacy of robotic and laparoscopic spleen-preserving splenic hilar lymphadenectomy via Huang's three-step maneuver for advanced upper gastric cancer: Results from a propensity score-matched study. World Journal of Gastroenterology. 2019;25;5641-5654	12
4263	J. G. Abitbol, W.Zeng, Z.Ramanakumar, A.Kessous, R.Kogan, L.Pare-Miron, V.Rombaldi, M.Salvador, S.Kucukyazici, B.Brin, S.How, J.Lau, S., Incorporating robotic surgery into the management of ovarian cancer after neoadjuvant chemotherapy. International Journal of Gynecological Cancer. 2019;29;1341-1347	3
4264	J. C. Gershowitz, H. H.Doucette, A.Lukens, J. N.Swisher-McClure, S.Weinstein, G. S.O'Malley, B. W., Jr.Chalian, A. A.Rassekh, C. H.Newman, J. G.Cohen, R. B.Bauml, J. M.Aggarwal, C.Lin, A., Risk of post-operative, pre-radiotherapy contralateral neck recurrence in patients treated with surgery followed by adjuvant radiotherapy for human papilloma virus-associated tonsil cancer. British Journal of Radiology. 2019;92;20190466	2
4265	L. Y. Z. Zhang, Y. H.Shen, J.Luo, Y., Effects of dexmedetomidine on post-operative recovery and mental status in patients receiving robotic-assisted thoracic surgery. Annals of Palliative Medicine. 2019;8;469-475	2
4266	M. W. Ostyn, S.Kim, Y. S.Kim, S.Yeo, W. H., Radiotherapy-Compatible Robotic System for Multi-Landmark Positioning in Head and Neck Cancer Treatments. Scientific Reports. 2019;9;14358	3
4267	J. K. C. Kim, M. E.Ming, J. M.Farhat, W. A.Koyle, M. A.Lorenzo, A. J., Impact of previous abdominal surgery on the outcome of laparoscopy-assisted open appendicovesicostomy (Mitrofanoff) creation in children: a comparative study. Journal of pediatric urology. 2019;15;662.e1-662.e7	2
4268	S. M. Mukherjee, J.Chumas, P., Is surgery more about doing than thinking?. British Journal of Hospital Medicine. 2019;80;605-608	2
4269	K. M. N. Rose, A. K.Abdul-Muhsin, H. M.Faraj, K. S.Eversman, S. A.Moss, A. A.Eversman, W. G.Stone, W. M.Money, S. R.Davila, V. J.Castle, E. P., Robot Assisted Surgery of the Vena Cava: Perioperative Outcomes, Technique, and Lessons Learned at The Mayo Clinic. Journal of Endourology. 2019;33;1009-1016	5
4270	S. Y. Zhang, R.Wang, X., Dosimetric quality and delivery efficiency of robotic radiosurgery for brain metastases: Comparison with C-arm linear accelerator based plans. Journal of Applied Clinical Medical Physics. 2019;20;104-110	2
4271	K. B. Lim Ng, N., Prostatic hydroablation (Aquablation): A new effective ultrasound guided robotic waterjet ablative surgery for treatment of benign prostatic hyperplasia. Archivos Espanoles de Urologia. 2019;72;786-793	5
4272	A. D. O. Pandey, P.Mazzone, E.Mottrie, A.Geert De, N., Usefulness of the Indocyanine Green (ICG) Immunofluorescence in laparoscopic and robotic partial nephrectomy. Archivos Espanoles de Urologia. 2019;72;723-728	4
4273	R. M. L. Terra, L. L.Haddad, R.de-Campos, J. R. M.Nabuco-de-Araujo, P. H. X.Lima, C. E. T.Santos, FcbdPego-Fernandes, P. M., Robotic anatomic pulmonary segmentectomy: technical approach and outcomes. Revista do Colegio Brasileiro de Cirurgioes. 2019;46;e20192210	3
4274	W. J. L. Wang, R.Guo, C. A.Li, H. T.Yu, J. P.Wang, J.Xu, Z. P.Chen, W. K.Ren, Z. J.Tao, P. X.Zhang, Y. N.Wang, C.Liu, H. B., Systematic assessment of complications after robotic-assisted total versus distal gastrectomy for advanced gastric cancer: A retrospective propensity score-matched study using Clavien-Dindo classification. International Journal Of Surgery. 2019;71;140-148	3
4275	J. Z. Guo, C.Zhou, X.Wang, G.Fu, B., Robot-assisted retroperitoneal laparoscopic partial nephrectomy without hilar occlusion VS classic robot-assisted retroperitoneal laparoscopic partial nephrectomy: A retrospective comparative study. Medicine. 2019;98;e17263	3

4276	C. S. S. Su, C. H.Chang, K. H.Lai, C. H.Liu, T. J.Chen, K. J.Lin, T. H.Chen, Y. W.Lee, W. L., Clinical outcomes of patients with multivessel coronary artery disease treated with robot-assisted coronary artery bypass graft surgery versus one-stage percutaneous coronary intervention using drug-eluting stents. Medicine. 2019;98;e17202	3
4277	B. K. Kayani, S.Horriat, S.Ibrahim, M. S.Haddad, F. S., Posterior cruciate ligament resection in total knee arthroplasty: the effect on flexion-extension gaps, mediolateral laxity, and fixed flexion deformity. Bone & Joint Journal. 2019;101-B;1230-1237	2
4278	S. H. K. Song, H. G.Han, Y. B.Lee, H. Y.Jeong, D. H.Kim, S. M.Hong, S. J., Characterization and validation of multimodal annihilation-gamma/near-infrared/visible laparoscopic system. Journal of Biomedical Optics. 2019;24;44572	2
4279	E. D. Illiano, P.Giannitsas, K.De Rienzo, G.Bini, V.Costantini, E., Robot-assisted Vs Laparoscopic Sacrocolpopexy for High-stage Pelvic Organ Prolapse: A Prospective, Randomized, Single-center Study. Urology. 2019;134;116-123	12
4280	K. S. Tewari, Minimally Invasive Surgery for Early-Stage Cervical Carcinoma: Interpreting the Laparoscopic Approach to Cervical Cancer Trial Results. Journal of Clinical Oncology. 2019;37;3075-3080	2
4281	A. S. Giovannetti, I.Dinallo, A.Chudzinski, A. P.Ross, S. B.Massarotti, H. G.Rosemurgy, A. S., Combined Robotic Colon and Liver Resection for Synchronous Colorectal Liver Metastasis: A Movement Toward a New Gold Standard. American Surgeon. 2019;85;e374-e376	3
4282	M. D. T. Watson, S. J.Gower, N. L.Hill, J. S.Salo, J. C., Effect of Surgical Approach on Node Harvest in Robotic Gastrectomy. American Surgeon. 2019;85;794-799	4
4283	C. Printz, Rethinking a common surgery technique for early cervical cancer: Experts are reconsidering the use of minimally invasive radical hysterectomy as a treatment for early cervical cancer after multiple studies found that patients who undergo the procedure by either laparoscopy or robotic surgery have poorer outcomes. Cancer. 2019;125;3485-3487	3
4284	H. M. Koga, H.Ochi, T.Miyano, G.Lane, G. J.Yamataka, A., Comparison of robotic versus laparoscopic hepaticojejunostomy for choledochal cyst in children: a first report. Pediatric Surgery International. 2019;35;1421-1425	12
4285	S. F. Y. Han, Y., Influence of needling conditions on the corneal insertion force. Computer Methods in Biomechanics & Biomedical Engineering. 2019;22;1239-1246	2
4286	A. M. J. Tahir, M.Trinh, D. C.Cannata, G.Barberis, F.Zoppi, M., Architecture and design of a robotic mastication simulator for interactive load testing of dental implants and the mandible. Journal of Prosthetic Dentistry. 2019;122;389.e1-389.e8	3
4287	G. C. O. Guimaraes, R. A. R.Santana, T. B. M.Favaretto, R. L.Mourao, T. C.Rocha, M. M.Campos, R. M.Zequi, S. C., Comparative Analysis of Functional Outcomes Between Two Different Techniques After 1088 Robotic-Assisted Radical Prostatectomies in a High-Volume Cancer Center: A Clipless Approach. Journal of Endourology. 2019;33;1017-1024	3
4288	M. G. Eltemamy, J.Miller, E.Wee, A.Kaouk, J., Single Port Robotic Extra-peritoneal Dual Kidney Transplantation: Initial Preclinical Experience and Description of the Technique. Urology. 2019;134;232-236	1
4289	A. F. Navaratnam, K.Rose, K.Abdul-Muhsin, H.Singh, V.Schwartz, A.Beauchamp, C.Castle, E. P., Robot Assisted Cystectomy With Holmium Laser Debridement for Osteomyelitis of the Pubic Symphysis With Urinary Fistula. Urology. 2019;134;124-134	5

4290	H. W. Zhang, Z.Zheng, Y.Geng, Y.Wang, F.Chen, L. Q.Wang, Y., Robotic Side-to-Side and End-to-Side Stapled Esophagogastric Anastomosis of Ivor Lewis Esophagectomy for Cancer. World Journal of Surgery. 2019;43;3074-3082	2
4291	Y. O. Zhang, W.Xu, H.Luan, Y.Yang, J.Lu, Y.Hu, J.Liu, Z.Yu, X.Guan, W.Hu, Z.Ye, Z.Wang, S.Li, H., Secondary Management for Recurrent Ureteropelvic Junction Obstruction after Pyeloplasty: A Comparison of Re-Do Robot-Assisted Laparoscopic Pyeloplasty and Conventional Laparoscopic Pyeloplasty. Urologia Internationalis. 2019;103;466-472	13
4292	F. Z. Wang, H.Zheng, Y.Wang, Z.Geng, Y.Wang, Y., Intrathoracic side-to-side esophagogastrostomy with a linear stapler and barbed suture in robot-assisted Ivor Lewis esophagectomy. Journal of Surgical Oncology. 2019;120;1142-1147	5
4293	A. K. Nakane, H.Noda, Y.Takeda, T.Hirose, Y.Okada, A.Mizuno, K.Kawai, N.Tozawa, K.Hayashi, Y.Yasui, T., Improvement in early urinary continence recovery after robotic-assisted radical prostatectomy based on postoperative pelvic anatomic features: a retrospective review. BMC Urology. 2019;19;87	3
4294	H. M. Kitahara, M.Patel, B.Nisivaco, S.Balkhy, H. H., Benefit of Robotic Beating-Heart Totally Endoscopic Coronary Artery Bypass in Octogenarians. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2019;14;531-536	2
4295	B. S. R. Hendriksen, M. F.Taylor, M. D.Hollenbeak, C. S., Readmissions After Lobectomy in an Era of Increasing Minimally Invasive Surgery: A Statewide Analysis. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2019;14;453-462	13
4296	C. Y. H. Wang, T. S.Zhang, K. D.Wang, Z. Z.Wang, F.Zhao, Z. M.Gao, Y. X.Liu, R., Retrocolic versus antecolic gastrointestinal reconstruction in robotic pancreaticoduodenectomy. Journal of Hepato-biliary-pancreatic Sciences. 2019;26;517-523	3
4297	J. D. T. Shirk, D. D.Wallen, E. M.Linehan, J. M.White, W. M.Badani, K. K.Porter, J. R., Effect of 3-Dimensional Virtual Reality Models for Surgical Planning of Robotic-Assisted Partial Nephrectomy on Surgical Outcomes: A Randomized Clinical Trial. JAMA Network Open. 2019;2;e1911598	3
4298	M. B. W. Marshall, J. O., Robotic Platform Use in General Thoracic Surgery. JAMA Surgery. 2019;154;1066-1067	5
4299	G. B. Houvenaeghel, M.Rua, S.Barrou, J.Heinemann, M.Knight, S.Lambaudie, E.Cohen, M., Robotic breast and reconstructive surgery: 100 procedures in 2-years for 80 patients. Surgical Oncology. 2019;31;38-45	3
4300	K. S. A.-M. Faraj, H. M.Rose, K. M.Navaratnam, A. K.Patton, M. W.Eversman, S.Singh, R.Eversman, W. G.Cheney, S. M.Tyson, M. D.Castle, E. P., Robot Assisted Radical Cystectomy vs Open Radical Cystectomy: Over 10 years of the Mayo Clinic Experience. Urologic Oncology. 2019;37;862-869	13
4301	A. D. Varghese, M.Fader, A. N., Updates and Controversies of Robotic-Assisted Surgery in Gynecologic Surgery. Clinical Obstetrics & Gynecology. 2019;62;733-748	5
4302	T. I. Kubota, D.Kosuga, T.Shoda, K.Komatsu, S.Konishi, H.Shiozaki, A.Fujiwara, H.Okamoto, K.Otsuji, E., Does Robotic Distal Gastrectomy Facilitate Minimally Invasive Surgery for Gastric Cancer?. Anticancer Research. 2019;39;5033-5038	12
4303	G. G. C. Jones, S.Harris, S.Jaere, M.Aldalmani, T.de Klee, P.Cobb, J. P., A novel patient-specific instrument design can deliver robotic level accuracy in unicompartmental knee arthroplasty. Knee. 2019;26;1421-1428	3
4304	T. N. Ojima, M.Hayata, K.Nakamori, M.Kitadani, J.Katsuda, M.Fukuda, N.Yamaue, H., Laparoscopic Billroth I Gastroduodenostomy in Robotic Distal Gastrectomy for Gastric Cancers: Fusion Surgery. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2019;29;520-523	3

4305	M. M. Zeverino, M.Zulliger, C.Durham, A.Jumeau, R.Herrera, F.Schiappacasse, L.Bourhis, J.Bochud, F. O.Moeckli, R., Novel inverse planning optimization algorithm for robotic radiosurgery: First clinical implementation and dosimetric evaluation. Physica Medica. 2019;64;230-237	3
4306	D. S. Julian, R., Developing an intelligent tutoring system for robotic-assisted surgery instruction. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2037	2
4307	G. C. Garas, I.Patel, V. M.Panzarasa, P.Darzi, A.Athanasiou, T., Evaluating the implications of Brexit for research collaboration and policy: a network analysis and simulation study. BMJ Open. 2019;9;e025025	2
4308	E. J. S. Kim, S. H.Sheth, K.Baccam, T.Elizondo, R.Baek, M.Koh, C. J., Does de novo hydronephrosis after pediatric robot-assisted laparoscopic ureteral re-implantation behave similarly to open re-implantation?. Journal of pediatric urology. 2019;15;604.e1-604.e6	3
4309	T. H. Song, Y. G.Sung, J. H., Comparison between the vascular control technique and conventional technique for reducing operative blood loss during robot-assisted myomectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2038	3
4310	Y. M. K. Park, D. H.Kang, M. S.Lim, J. Y.Choi, E. C.Koh, Y. W.Kim, S. H., The First Human Trial of Transoral Robotic Surgery Using a Single-Port Robotic System in the Treatment of Laryngo-Pharyngeal Cancer. Annals of Surgical Oncology. 2019;26;4472-4480	3
4311	V. E. M. Staartjes, G.van Kampen, P. M.Eversdijk, H. A. J.Amelot, A.Bettag, C.Wolfs, J. F. C.Urbanski, S.Hedayat, F.Schneekloth, C. G.Abu Saris, M.Lefranc, M.Peltier, J.Boscherini, D.Fiss, I.Schatlo, B.Rohde, V.Ryang, Y. M.Krieg, S. M.Meyer, B.Kogl, N.Girod, P. P.Thome, C.Twisk, J. W. R.Tessitore, E.Schroder, M. L., The European Robotic Spinal Instrumentation (EUROSPIN) study: protocol for a multicentre prospective observational study of pedicle screw revision surgery after robot-guided, navigated and freehand thoracolumbar spinal fusion. BMJ Open. 2019;9;e030389	4
4312	G. J. V. Harbison, J. D.Yim, N. H.Murayama, K. M., Outcomes of robotic versus non-robotic minimally-invasive esophagectomy for esophageal cancer: An American College of Surgeons NSQIP database analysis. American Journal of Surgery. 2019;218;1223-1228	13
4313	B. F. Pokala, L.Armijo, P. R.Kothari, V.Oleynikov, D., Robot-assisted cholecystectomy is a safe but costly approach: A national database review. American Journal of Surgery. 2019;218;1213-1218	12
4314	J. K. Paek, E.Lim, P. C., Comparative analysis of genitourinary function after type C1 robotic nerve-sparing radical hysterectomy versus type C2 robotic radical hysterectomy. Surgical Oncology. 2019;30;58-62	3
4315	B. K. Clapp, W.Harper, B.Swinney, I. L.Dodoo, C.Davis, B.Tyroch, A., Utilization of Laparoscopic Colon Surgery in the Texas Inpatient Public Use Data File (PUDF). Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Jul-Sep	2
4316	A. A. Valverde, I.Sezeur, A.Goasguen, N.Cahais, J.Oberlin, O.Flejou, J. F.Lupinacci, R. M., Operative start time may impact the quality of mesorectal excision in minimally invasive rectal surgery: retrospective analysis of 137 patients. Giornale di Chirurgia. 2019;40;163-169	2
4317	J. C. Cambi, Z. M.De Santis, S.Franci, E.Frusoni, F.Ciabatti, P. G.Boccuzzi, S., Outcomes in single-stage multilevel surgery for obstructive sleep apnea: Transoral robotic surgery, expansion sphincter pharyngoplasty and septoplasty. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2034	3

4318	M. P. d. L.-B. Bhandari, G.Kosta, S.Bhandari, M.Humes, T.Mathur, W.Fobi, M., Surgery in Patients with Super Obesity: Medium-Term Follow-Up Outcomes at a High-Volume Center. Obesity. 2019;27;1591-1597	2
4319	M. R. Honore, M. J.Morton, A.Teloken, P. E.Navaratnam, A.Coughlin, G. D., Outcomes and learning curve for robotic-assisted radical cystectomy: an Australian experience. ANZ Journal of Surgery. 2019;89;1593-1598	5
4320	P. S. Papasavas, R. L.Stone, A.Staff, I.McLaughlin, T.Tishler, D., Robot-assisted sleeve gastrectomy and Roux-en-y gastric bypass: results from the metabolic and bariatric surgery accreditation and quality improvement program data registry. Surgery for Obesity & Related Diseases. 2019;15;1281-1290	12
4321	K. M. M. Nakane, Y.Iinuma, K.Mizutani, K.Makiyama, K.Koie, T., Utility technique of a totally intracorporeal ileal conduit after robot-assisted radical cystectomy. International Journal of Urology. 2019;26;1083-1084	8
4322	N. D. D. Clement, D. J.Patton, J. T., Robot-assisted unicompartmental knee arthroplasty for patients with isolated medial compartment osteoarthritis is cost-effective: a markov decision analysis. Bone & Joint Journal. 2019;101-B;1063-1070	4
4323	C. C. Tholomier, F.Ajib, K.Preisser, F.Bondarenko, H. D.Negrean, C.Karakiewicz, P.El-Hakim, A.Zorn, K. C., Oncological and functional outcomes of a large Canadian robotic-assisted radical prostatectomy database with 10 years of surgical experience. Canadian Journal of Urology. 2019;26;9843-9851	3
4324	D. S. Park, M.Chen, Y. H.Russell, J. O.Kim, H. Y.Tufano, R. P., Transoral robotic thyroidectomy on two human cadavers using the Intuitive da Vinci single port robotic surgical system and CO₂ insufflation: Preclinical feasibility study. Head & Neck. 2019;41;4229-4233	1
4325	L. S. Masieri, S.Di Maida, F.Grosso, A. A.Mari, A.Rosi, E. M.Tellini, R.Carini, M.Minervini, A., Robotic correction of iatrogenic ureteral stricture: preliminary experience from a tertiary referral centre. Scandinavian Journal of Urology. 2019;53;356-360	2
4326	M. A. G. Babademez, F.Sancak, M.Kale, H., Prospective randomized comparison of tongue base resection techniques: Robotic vs coblation. Clinical Otolaryngology. 2019;44;989-996	12
4327	V. d. M. Ozben, C.Karabork, M.Ozoran, E.Zenger, S.Bilgin, I. A.Aytac, E.Baca, B.Balik, E.Hamzaoglu, I.Karahasanoglu, T.Bugra, D., The da Vinci Xi system for robotic total/subtotal colectomy vs. conventional laparoscopy: short-term outcomes. Techniques in Coloproctology. 2019;23;861-868	12
4328	M. K.-S. Owyong, T.Miao, F.Razdan, S.Moore, K. J.Alameddine, M.Punnen, S.Parekh, D. J.Ritch, C. R.Gonzalgo, M. L., Impact of Surgical Technique on Surgical Margin Status Following Partial Cystectomy. Urologic Oncology. 2019;37;870-876	4
4329	R. E. S. Booth, P. F.Parvizi, J., Robotics in Hip and Knee Arthroplasty: Real Innovation or Marketing Ruse. Journal of Arthroplasty. 2019;34;2197-2198	5
4330	K. G. Kamada, C.Takeuchi, F., Multispectrum Indocyanine Green Videography for Visualizing Brain Vascular Pathology. World Neurosurgery. 2019;132;e545-e553	2
4331	S. W. H. Bell, A. G.Warrier, S. K.Farmer, C. K.Stevenson, A. R. L.Bissett, I.Kong, J. C.Solomon, M., Surgical techniques in the management of rectal cancer: a modified Delphi method by colorectal surgeons in Australia and New Zealand. Techniques in Coloproctology. 2019;23;743-749	2
4332	L. S. Spaggiari, G.Maisonneuve, P.Tessitore, A.Casiraghi, M.Petrella, F.Galetta, D., A Brief Report on Survival After Robotic Lobectomy for Early-Stage Lung Cancer. Journal of Thoracic Oncology: Official Publication of the International Association for the Study of Lung Cancer. 2019;14;2176-2180	13
4333	A. N. Z.-D. Bush, M.Deckard, E. R.Meneghini, R. M., An Experienced Surgeon Can Meet or Exceed Robotic Accuracy in Manual Unicompartmental Knee Arthroplasty. Journal of Bone & Joint Surgery - American Volume. 2019;101;1479-1484	1

4334	C. K. Beltzer, L.Bachmann, R.Axt, S.Dippel, H.Schmidt, R., Robotic Versus Laparoscopic Sigmoid Resection for Diverticular Disease: A Single-Center Experience of 106 Cases. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;1451-1455	12
4335	H. Y. X. Chen, X. Y.Chen, C. W.Chou, H. K.Sung, C. Y.Lin, F. H.Chen, P. Q.Wong, T. H., Results of using robotic-assisted navigational system in pedicle screw placement. PLoS ONE [Electronic Resource]. 2019;14;e0220851	3
4336	J. S. K. Yuk, Y. A.Lee, J. H., Hybrid Robotic Single-Site Myomectomy Using the GelPoint Platform. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;1475-1480	13
4337	G. M. Cozzi, G.Monturano, M.Bagnardi, V.Frassoni, S.Jereczek-Fossa, B. A.Ferro, M.Bianchi, R.Mistretta, F. A.de Cobelli, O., Sexual function recovery after robot-assisted radical prostatectomy: Outcomes from an Italian referral centre and predicting nomogram. Andrologia. 2019;51;e13385	5
4338	K. T. B. Sentell, K. K.Paulucci, D. J.Hemal, A. K.Porter, J.Eun, D. D.Bhandari, A.Abaza, R., A Single Overnight Stay After Robotic Partial Nephrectomy Does Not Increase Complications. Journal of Endourology. 2019;33;1003-1008	3
4339	T. J. S. Gal, J. A.Kejner, A. E.Chen, Q.Huang, B., Treatment trends in oropharyngeal carcinoma: Surgical technology meets the epidemic. Oral Oncology. 2019;97;62-68	2
4340	C. H. Kang, The Anterolateral Approach in Robotic Lung Cancer Surgery. Annals of Thoracic Surgery. 2019;108;e401-e403	5
4341	A. S. Mendizabal, R.Cotin, S., Force classification during robotic interventions through simulation-trained neural networks. International Journal of Computer Assisted Radiology & Surgery. 2019;14;1601-1610	7
4342	J. P. Yu, J. Y.Kim, D. H.Koh, G. H.Jeong, W.Kim, E.Hong, J. H.Hwang, J. H.Kim, Y. K., Dexmedetomidine attenuates the increase of ultrasonographic optic nerve sheath diameter as a surrogate for intracranial pressure in patients undergoing robot-assisted laparoscopic prostatectomy: A randomized double-blind controlled trial. Medicine. 2019;98;e16772	5
4343	M. B. Di Paolo, U.Turillazzi, E., Bioethical approach to robot-assisted surgery. British Journal of Surgery. 2019;106;1271-1272	8
4344	E. B. A. Akin, I.Barlas, I. S., Introducing Robot-Assisted Laparoscopic Donor Nephrectomy after Experience in Hand-Assisted Retroperitoneoscopic Approach. Transplantation Proceedings. 2019;51;2221-2224	13
4345	M. P. L. Subramanian, J.Chapman, W. C., Jr.Olsen, M. A.Yan, Y.Liu, Y.Semenkovich, T. R.Meyers, B. F.Puri, V.Kozower, B. D., Utilization Trends, Outcomes, and Cost in Minimally Invasive Lobectomy. Annals of Thoracic Surgery. 2019;108;1648-1655	13
4346	C. S. Maggioni, A.Mancini, R.Ioni, L.Pernazza, G., Safety profile and oncological outcomes of gastric gastrointestinal stromal tumors (GISTs) robotic resection: Single center experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2031	5
4347	A. G. Goia, V.Lefaucheur, R.Welter, M. L.Maltete, D.Derrey, S., Accuracy of the robot-assisted procedure in deep brain stimulation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2032	5
4348	C. R. R. Lee, S. Y.Han, S. H.Moon, Y.Hwang, S. Y.Kim, Y. J.Kang, C. M., Comparison of Training Efficacy Between Custom-Made Skills Simulator (CMSS) and da Vinci Skills Simulators: A Randomized Control Study. World Journal of Surgery. 2019;43;2699-2709	2

4349	Y. J. Wang, H.Gong, S.Yang, X.Sun, X.Xu, M.Liu, Y.Wang, S.Song, W.Tao, Y., Efficacy Analysis of Robot-Assisted Minimally Invasive Surgery for Small-Volume Spontaneous Thalamic Hemorrhage. World Neurosurgery. 2019;131;e543-e549	5
4350	G. B. Tuderti, A.Minisola, F.Anceschi, U.Ferriero, M.Leonardo, C.Misuraca, L.Vallati, G.Guaglianone, S.Gallucci, M.Simone, G., Transnephrostomic Indocyanine Green-Guided Robotic Ureteral Reimplantation for Benign Ureteroileal Strictures After Robotic Cystectomy and Intracorporeal Neobladder: Step-By-Step Surgical Technique, Perioperative and Functional Outcomes. Journal of Endourology. 2019;33;823-828	5
4351	M. Ragosta, The long arm of interventional cardiology: the promise and perils of coronary stenting over the internet using a robotic interface. Eurointervention. 2019;15;e479-e481	5
4352	S. L. D. Bokshan, S. F.Gil, J. A.Badida, R.Crisco, J. J.Owens, B. D., The 6-O'clock Anchor Increases Labral Repair Strength in a Biomechanical Shoulder Instability Model. Arthroscopy. 2019;35;2795-2800	2
4353	D. J. Ding, H.Nie, J.Liu, X.Guo, S. W., Concurrent Learning Curves of 3-Dimensional and Robotic-Assisted Laparoscopic Radical Hysterectomy for Early-Stage Cervical Cancer Using 2-Dimensional Laparoscopic Radical Hysterectomy as a Benchmark: A Single Surgeon's Experience. Medical Science Monitor. 2019;25;5903-5919	5
4354	A. d. l. T. Lavolle, A.Chahwan, C.Champy, C. M.Grinholtz, D.Hoznek, A.Yiou, R.Vordos, D.Ingels, A., Extraperitoneal Robot-Assisted Vesicourethral Reconstruction to Manage Anastomotic Stricture Following Radical Prostatectomy. Urology. 2019;133;129-134	5
4355	Y. K. Krespi, V.Koorn, R.Giordano, A., Anesthesia and ventilation options for flex robotic assisted laryngopharyngeal surgery. American Journal of Otolaryngology. 2019;40;102185	3
4356	F. N. Preisser, S.Mazzone, E.Marchioni, M.Bandini, M.Tian, Z.Haese, A.Saad, F.Zorn, K.Montorsi, F.Shariat, S. F.Graefen, M.Tilki, D.Karakiewicz, P. I., Comparison of Open Versus Robotically Assisted Cytoreductive Radical Prostatectomy for Metastatic Prostate Cancer. Clinical Genitourinary Cancer. 2019;17;e939-e945	12
4357	M. F. Nouredanesh, M.Tung, J.Jeon, S.Arami, A., Effect of Visual Information on Dominant and Non-dominant Hands During Bimanual Drawing with a Robotic Platform. IEEE International Conference on Rehabilitation Robotics. 2019;2019;1221-1226	2
4358	C. H. S. Chen, T.Kalmar, M.Maldonado, I.Wex, C.Croner, R.Boese, A.Friebe, M.Illanes, A., Texture differentiation using audio signal analysis with robotic interventional instruments. Computers in Biology & Medicine. 2019;112;103370	4
4359	M. W. Caversaccio, W.Anso, J.Mantokoudis, G.Gerber, N.Rathgeb, C.Schneider, D.Hermann, J.Wagner, F.Scheidegger, O.Huth, M.Anschuetz, L.Kompis, M.Williamson, T.Bell, B.Gavaghan, K.Weber, S., Robotic middle ear access for cochlear implantation: First in man. PLoS ONE [Electronic Resource]. 2019;14;e0220543	5
4360	B. S. Xie, X.Qin, Y.Liu, A.Miao, S.Jiao, W., Short-term outcomes of typical versus atypical lung segmentectomy by minimally invasive surgeries. Thoracic Cancer. 2019;10;1812-1818	3
4361	W. Y. G. Khoder, C.Kretschmer, A.Becker, A.Stief, C., Robotic-assisted Excision of Giant Prostatic Utricular Cysts: Technique, Outcomes and Follow-up. Surgical Technology International. 2019;35;43-47	5

4362	M. O. Inoue, K.Taguchi, J.Hirota, Y.Yanagiya, Y.Kikuchi, C.Iwabuchi, M.Murai, T.Iwata, H.Shiomi, H.Koike, I.Tatewaki, K.Ohta, S., Factors affecting the accuracy of respiratory tracking of the image-guided robotic radiosurgery system. Japanese Journal of Radiology. 2019;37;727-734	3
4363	A. K. D. Melnikoff, D. W.Cohen, A. C.Landers, E.Walters-Haygood, C.McGwin, G.Straughn, J. M., Jr.Kim, K. H., Timing of robotic hysterectomy after cervical excisional procedure. International Journal of Gynecological Cancer. 2019;29;1110-1115	2
4364	B. B. Gondran-Tellier, R.Baboudjian, M.Rouy, M.Gaillet, S.Lechevallier, E.Michel, F.Karsenty, G., Robot-assisted implantation of an artificial urinary sphincter, the AMS-800, via a posterior approach to the bladder neck in women with intrinsic sphincter deficiency. BJU International. 2019;124;1077-1080	5
4365	J. X. Li, H.Guo, X.Gao, Y.Xie, T.Qiao, Z.Chen, L., Surgical outcomes and learning curve analysis of robotic gastrectomy for gastric cancer: Multidimensional analysis compared with three-dimensional high-definition laparoscopic gastrectomy. International Journal of Oncology. 2019;55;733-744	5
4366	H. F. Ismail Fawaz, G.Weber, J.Idoumghar, L.Muller, P. A., Accurate and interpretable evaluation of surgical skills from kinematic data using fully convolutional neural networks. International Journal of Computer Assisted Radiology & Surgery. 2019;14;1611-1617	2
4367	X. L. Chao, L.Wu, M.Ma, S.Tan, X.Zhong, S.Lang, J.Cheng, A.Li, W., Efficacy of different surgical approaches in the clinical and survival outcomes of patients with early-stage cervical cancer: protocol of a phase III multicentre randomised controlled trial in China. BMJ Open. 2019;9;e029055	2
4368	S. D. M. Sforza, F.Mari, A.Zaccaro, C.Cini, C.Tellini, R.Carini, M.Minervini, A.Masieri, L., Is a Drainage Placement Still Necessary After Robotic Reconstruction of the Upper Urinary Tract in Children? Experience from a Tertiary Referral Center. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;1180-1184	3
4369	D. I. K. B. Fielding, F.Son, J. H.Todman, M.Chin, A.Tan, L.Steinke, K.Windsor, M. N.Sung, A. W., First Human Use of a New Robotic-Assisted Fiber Optic Sensing Navigation System for Small Peripheral Pulmonary Nodules. Respiration. 2019;98;142-150	3
4370	C. G. Yang, S.Bao, X.Xiao, N.Shi, L.Li, Y.Jiang, Y., A vascular interventional surgical robot based on surgeon's operating skills. Medical & Biological Engineering & Computing. 2019;57;1999-2010	1
4371	Y. M. K. Park, D. H.Moon, Y. M.Lim, J. Y.Choi, E. C.Kim, S. H.Holsinger, F. C.Koh, Y. W., Gasless transoral robotic thyroidectomy using the DaVinci SP system: Feasibility, safety, and operative technique. Oral Oncology. 2019;95;136-142	3
4372	J. F. Steil, D.Beck, S.Manzeschke, A.Haux, R., Robotic Systems in Operating Theaters: New Forms of Team-Machine Interaction in Health Care. Methods of Information in Medicine. 2019;58;e14-e25	3
4373	A. I. Toesca, A.Massari, G.Girardi, A.Peradze, N.Lissidini, G.Sangalli, C.Maisonneuve, P.Manconi, A.Gottardi, A.Baker, J. L.Bottiglieri, L.Naninato, P.Farante, G.Magnoni, F.De Scalzi, A.Corso, G.Colleoni, M.De Lorenzi, F.Sacchini, V.Galimberti, V.Intra, M.Rietjens, M.Veronesi, P., Update on the Feasibility and Progress on Robotic Breast Surgery. Annals of Surgical Oncology. 2019;26;3046-3051	5
4374	M. H. Onoda, N.Kurimura, Y.Tanji, R.Onagi, A.Honda, R.Matsuoka, K.Hoshi, S.Koguchi, T.Hata, J.Sato, Y.Akaihata, H.Kataoka, M.Ogawa, S.Obara, W.Kojima, Y., Usefulness of a novel classification based on perioperative changes of membranous urethral length using hierarchical cluster analysis of urinary incontinence and overactive bladder symptoms after robot-assisted radical prostatectomy: A prospective observational study. Neurourology & Urodynamics. 2019;38;2200-2208	5

4375	P. M. Capaccio, F.Meccariello, G.D'Agostino, G.Cammaroto, G.Pelucchi, S.Vicini, C., Transoral robotic surgery for hilo-parenchymal submandibular stones: step-by-step description and reasoned approach. International Journal of Oral & Maxillofacial Surgery. 2019;48;1520-1524	3
4376	S. M. Knipper, E.Mistretta, F. A.Palumbo, C.Tian, Z.Briganti, A.Saad, F.Tilki, D.Graefen, M.Karakiewicz, P. I., Impact of Obesity on Perioperative Outcomes at Robotic-assisted and Open Radical Prostatectomy: Results From the National Inpatient Sample. Urology. 2019;133;135-144	12
4377	M. I. U. Khalil, J.Soehner, T.Bhandari, N. R.Payakachat, N.Davis, R.Raheem, O. A.Kamel, M. H., Contemporary Perioperative Morbidity and Mortality Rates of Minimally Invasive vs Open Partial Nephrectomy in Obese Patients with Kidney Cancer. Journal of Endourology. 2019;33;920-927	2
4378	R. M. H. Terra, R.de Campos, J. R. M.de Araujo, PhxnLima, C. E. T.Braga, F.Bibas, B. J.Trindade, J. M.Lauricella, L. L.Pego-Fernandes, P. M., Building a Large Robotic Thoracic Surgery Program in an Emerging Country: Experience in Brazil. World Journal of Surgery. 2019;43;2920-2926	1
4379	C. R. W. Razavi, P. R.Yin, R.Barber, S. R.Taylor, R. H.Carey, J. P.Creighton, F. X., Image-Guided Mastoidectomy with a Cooperatively Controlled ENT Microsurgery Robot. Otolaryngology - Head & Neck Surgery. 2019;161;852-855	1
4380	C. P. De Nunzio, A. L.Lombardo, R.Cancrini, F.Carbone, A.Fuschi, A.Dutto, L.Tubaro, A.Witt, J. H., The EORTC quality of life questionnaire predicts early and long-term incontinence in patients treated with robotic assisted radical prostatectomy: Analysis of a large single center cohort. Urologic Oncology. 2019;37;1006-1013	3
4381	P. J. E. Sweigert, E.Nelson, M. H.Nassoiy, S. P.Knab, L. M.Abood, G.Baker, M. S., Total gastrectomy in patients with gastric adenocarcinoma: Is there an advantage to the minimally invasive approach?. Surgery. 2019;166;623-631	2
4382	M. K. V.-V. Kamel, J.Rahouma, M.Lee, B.Harrison, S.Stiles, B. M.Abdelrahman, A. M.Altorki, N. K.Port, J. L., National trends and perioperative outcomes of robotic resection of thymic tumours in the United States: a propensity matching comparison with open and video-assisted thoracoscopic approaches. European Journal of Cardio-Thoracic Surgery. 2019;56;762-769	13
4383	X. A. L. Nguyen, D.Pacilli, M.Nataraja, R. M.Chauhan, S., Surgical skill levels: Classification and analysis using deep neural network model and motion signals. Computer Methods & Programs in Biomedicine. 2019;177;44569	2
4384	L. W. Li, J.Ding, H.Wang, G., A "eye-in-body" integrated surgery robot system for stereotactic surgery. International Journal of Computer Assisted Radiology & Surgery. 2019;14;2123-2135	5
4385	Z. Z. T. Wang, W. B.Hu, M. G.Zhao, Z. M.Zhao, G. D.Li, C. G.Tan, X. L.Zhang, X.Lau, W. Y.Liu, R., Robotic vs laparoscopic hemihepatectomy: A comparative study from a single center. Journal of Surgical Oncology. 2019;120;646-653	12
4386	U. S. Aydin, O.Kadirogullari, E.Kahraman, Z.Onan, B., Robotic Mitral Valve Surgey Combined with Left Atrial Reduction and Ablation Procedures. Brazilian Journal of Cardiovascular Surgery. 2019;34;285-289	5
4387	M. L. Akazawa, S. L.Liu, W. M., Impact of uterine weight on robotic hysterectomy: Analysis of 500 cases in a single institute. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2026	5
4388	S. P. A. Dakua, J.Zakaria, A.Balakrishnan, S.Younes, G.Navkar, N.Al-Ansari, A.Zhai, X.Bensaali, F.Amira, A., Moving object tracking in clinical scenarios: application to cardiac surgery and cerebral aneurysm clipping. International Journal of Computer Assisted Radiology & Surgery. 2019;14;2165-2176	2

4389	C. W. C. Chen, H. C.Huang, T. F.Liao, C. C.Huang, R. L.Lai, H. C., Transition from multiport to single-site surgery: A single institution experience in robotic supracervical hysterectomy for benign gynecological diseases. Taiwanese Journal of Obstetrics & Gynecology. 2019;58;514-519	3
4390	R. J. Lauterbach, M.Haklai, Z.Gil, L.Lowenstein, L., Geographic variation of hysterectomy rates in the Israeli health care system during the years 2007-2016. Israel Journal of Health Policy Research. 2019;8;52	2
4391	Y. I. Kaiho, J.Iwamura, H.Anan, G.Kuromoto, A.Kudo, T.Sato, M., Nerves in the Areas Posterior to the Prostate Base Contribute to Erectile Function: An Intraoperative Electrical Stimulation Assessment. Urology. 2019;132;156-160	2
4392	K. E. S. McBride, D.Solomon, M. J.Anderson, T.Young, J.Leslie, S.Thanigasalam, R.Bannon, P. G., Research as the gatekeeper: introduction ofrobotic-assisted surgery into the public sector. Australian Health Review. 2019;43;676-681	5
4393	E. H. B. Chun, H. J.Moon, H. S.Jeong, K., Comparison of low and high positive end-expiratory pressure during low tidal volume ventilation in robotic gynaecological surgical patients using electrical impedance tomography: A randomised controlled trial. European Journal of Anaesthesiology. 2019;36;641-648	3
4394	W. S. K. Tan, M. J.Cole, A. P.Marchese, M.Berg, S.Lipsitz, S. R.Loppenberg, B.Nabi, J.Abdollah, F.Choueiri, T. K.Kibel, A. S.Sooriakumaran, P.Trinh, Q. D., Variation in Positive Surgical Margin Status After Radical Prostatectomy for pT2 Prostate Cancer. Clinical Genitourinary Cancer. 2019;17;e1060-e1068	2
4395	S. G. Su, L.Ma, X.Li, H.Wang, B.Shi, T.Zhang, X., Comparison of Laparoscopic and Robot-assisted Radical Cystectomy for Bladder Cancer: Perioperative and Oncologic Outcomes. Clinical Genitourinary Cancer. 2019;17;e1048-e1053	13
4396	C. W. D. Ashley, K.Evans, K. M.Nielsen, B.Everett, E. N., Surgical Cross-Training With Surgery Naive Learners: Implications for Resident Training. Journal of Surgical Education. 2019;76;1469-1475	2
4397	K. M. Q. Van Abel, M. H.Graner, D. E.Lohse, C. M.Price, D. L.Price, K. A. R.Ma, D. J.Moore, E. J., Outcomes following TORS for HPV-positive oropharyngeal carcinoma: PEGs, tracheostomies, and beyond. American Journal of Otolaryngology. 2019;40;729-734	2
4398	H. T. Salfity, L.Su, K.Ceppa, D.Birdas, T., Case Volume-to-Outcome Relationship in Minimally Invasive Esophagogastrectomy. Annals of Thoracic Surgery. 2019;108;1491-1497	2
4399	R. W. H. Dobbs, W. R.Madueke, I.Vigneswaran, H. T.Wilson, J. O.Crivellaro, S., Single-port robot-assisted laparoscopic radical prostatectomy: initial experience and technique with the da Vinci^R SP platform. BJU International. 2019;124;1022-1027	5
4400	F. F. P. G. H. Onol, T.Palmer, K.Coughlin, G.Samavedi, S.Coelho, R.Jenson, C.Sandri, M.Rocco, B.Patel, V., Changing clinical trends in 10 000 robot-assisted laparoscopic prostatectomy patients and impact of the 2012 US Preventive Services Task Force's statement against PSA screening. BJU International. 2019;124;1014-1021	5
4401	N. M. Niclauss, P.Jung, M. K.Hagen, M. E., A comparison of the da Vinci Xi vs. the da Vinci Si Surgical System for Roux-En-Y gastric bypass. Langenbecks Archives of Surgery. 2019;404;615-620	3
4402	J. E. K. Heo, S. K.Koh, D. H.Na, J. C.Lee, Y. S.Han, W. K.Choi, Y. D.Jang, W. S., Pure single-site robot-assisted pyeloplasty with the da Vinci SP surgical system: Initial experience. Investigative And Clinical Urology. 2019;60;326-330	5

4403	J. H. S. Lan, C. S.Liu, C. H.Cho, I. C.Tsai, I. H.Chen, L. C.Chao, P. J.Lee, H. F.Huang, Y. J.Lee, T. F., Plan Quality and Secondary Cancer Risk Assessment in Patients with Benign Intracranial Lesions after Radiosurgery using the CyberKnife M6 Robotic Radiosurgery System. Scientific Reports. 2019;9;9953	3
4404	S. P. S. Ye, J.Liu, D. N.Jiang, Q. G.Lei, X.Qiu, H.Li, T. Y., Robotic-assisted versus conventional laparoscopic-assisted total gastrectomy with D2 lymphadenectomy for advanced gastric cancer: short-term outcomes at a mono-institution. BMC Surgery. 2019;19;86	12
4405	M. C. B. Cusimano, N. N.Gien, L. T.Moineddin, R.Liu, N.Dossa, F.Willows, K.Ferguson, S. E., Impact of surgical approach on oncologic outcomes in women undergoing radical hysterectomy for cervical cancer. American Journal of Obstetrics & Gynecology. 2019;221;619.e1-619.e24	2
4406	D. F. Campobasso, C.Amparore, D.Checcucci, E.Garrou, D.Manfredi, M.Porpiglia, F., Total anatomical reconstruction during robot-assisted radical prostatectomy in patients with previous prostate surgery. Minerva Urologica e Nefrologica. 2019;71;605-611	5
4407	R. R. R. Bajpai, S.Barack, J.Sanchez, M. A.Razdan, S., Ambulatory Robot-Assisted Laparoscopic Prostatectomy: Is It Ready for Prime Time? A Quality of Life Analysis. Journal of Endourology. 2019;33;814-822	3
4408	F. Y. Liu, H.Li, X.Ma, X.Wang, M., Application of Hypothermic Perfusion via a Renal Artery Balloon Catheter During Robot-assisted Partial Nephrectomy and Effect on Renal Function. Academic Radiology. 2019;26;e196-e201	2
4409	J. W. Ogilvie, Jr.Saunders, R. N.Parker, J.Luchtefeld, M. A., Sigmoidectomy for Diverticulitis-A Propensity-Matched Comparison of Minimally Invasive Approaches. Journal of Surgical Research. 2019;243;434-439	12
4410	A. W. Belarmino, R.Alshak, M.Patel, N.Wu, R.Hu, J. C., Feasibility of a Mobile Health Application To Monitor Recovery and Patient-reported Outcomes after Robot-assisted Radical Prostatectomy. European Urology Oncology. 2019;2;425-428	2
4411	J. M. C. Ayoubi, M.Pirtea, P.Kvarnstrom, N.Brannstrom, M.Dahm-Kahler, P., Laparotomy or minimal invasive surgery in uterus transplantation: a comparison. Fertility & Sterility. 2019;112;44883	2
4412	M. F. Chammas, Jr.Mitre, A. I.Arap, M. A.Hubert, N.Hubert, J., Learning robotic pyeloplasty without simulators: an assessment of the learning curve in the early robotic era. Clinics (Sao Paulo, Brazil). 2019;74;e777	5
4413	H. D. O. Pham, Y.Vu, H. M.Tran, N. X.Nguyen, Q. T.Nguyen, L. T., Robotic-assisted surgery for choledochal cyst in children: early experience at Vietnam National Children's Hospital. Pediatric Surgery International. 2019;35;1211-1216	5
4414	K. E. M.-K. Laitakari, J. K.Paakko, E.Ohtonen, P.Rautio, T. T., A prospective pilot study on MRI visibility of iron oxide-impregnated polyvinylidene fluoride mesh after ventral rectopexy. Techniques in Coloproctology. 2019;23;633-637	2
4415	Y. M. K. Park, D. H.Kang, M. S.Lim, J. Y.Koh, Y. W.Kim, S. H., Transoral robotic surgery in patients with stage III/IV hypopharyngeal squamous cell carcinoma: treatment outcome and prognostic factor. Acta Oto-Laryngologica. 2019;139;816-822	3
4416	T. Z. Wang, Q. J.Gu, J. W.Shi, T. J.Yuan, X.Wang, J.Cui, S. J., Neurosurgery medical robot Remebot for the treatment of 17 patients with hypertensive intracerebral hemorrhage. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2024	3
4417	A. G. Zia, L.Zhou, L.Essa, I.Jarc, A., Novel evaluation of surgical activity recognition models using task-based efficiency metrics. International Journal of Computer Assisted Radiology & Surgery. 2019;14;2155-2163	2

4418	D. C. D'Agostino, P.Giampaoli, M.Mineo Bianchi, F.Romagnoli, D.Crivellaro, S.Saraceni, G.Garofalo, M.Schiavina, R.Brunocilla, E.Artibani, W.Porreca, A., Mini-invasive robotic assisted pyelolithotomy: Comparison between the transperitoneal and retroperitoneal approach. Archivio Italiano di Urologia, Andrologia. 2019;91;2	3
4419	O. C. Colamonico, G.Ceci, E.Scarcia, M.Zazzara, M.Dassira, M.Porreca, A.Ludovico, G. M., The variation of selective uNGAL levels after robot-assisted partial nephrectomy: Early results of a prospective single center study. Archivio Italiano di Urologia, Andrologia. 2019;91;2	5
4420	L. L. Cao, J.Zhou, Y.Liu, Y.Zhao, Y.Liu, H., Online identification of functional regions in deep brain stimulation based on an unsupervised random forest with feature selection. Journal of Neural Engineering. 2019;16;66015	2
4421	J. C. Chen, T.Ghodoussipour, S.Bowman, S.Patel, H.King, K.Hung, A. J., Effect of surgeon experience and bony pelvic dimensions on surgical performance and patient outcomes in robot-assisted radical prostatectomy. BJU International. 2019;124;828-835	5
4422	O. B. Christiansen, O.Haug, E. S.Vaktskjold, A.Selnes, A.Jordhoy, M., TECLA-an innovative technical approach for prostate cancer registries. Scandinavian Journal of Urology. 2019;53;229-234	2
4423	J. I. Schulte Am Esch, S. I.Steinfurth, F.Mahdi, A.Forster, C.Wilkens, L.Nasser, A.Sarikaya, H.Benhidjeb, T.Kruger, M., A standardized suprapubic bottom-to-up approach in robotic right colectomy: technical and oncological advances for complete mesocolic excision (CME). BMC Surgery. 2019;19;72	3
4424	A. M. S. Pakula, R. A., From intraperitoneal onlay mesh repair to transversus abdominus release: Robotic herniorraphy is in the armamentarium of the acute care surgeon: A video-based guide to the technique. The Journal of Trauma and Acute Care Surgery. 2019;87;251-253	3
4425	J. R. Chakravartti, S. V., Robotic Assisted Percutaneous Coronary Intervention: Hype or Hope?. Journal of the American Heart Association. 2019;8;e012743	3
4426	C. F. T. Ng, J. Y.Chiu, P. K.Yee, C. H.Chan, C. K.Hou, S. S.Kaouk, J.Chan, E. S., Robot-assisted single-port radical prostatectomy: A phase 1 clinical study. International Journal of Urology. 2019;26;878-883	5
4427	Y. M. Tohi, S.Makita, N.Suzuki, I.Kubota, M.Sugino, Y.Inoue, K.Kawakita, M., Comparison of perioperative outcomes of robot-assisted partial nephrectomy without renorrhaphy: Comparative outcomes of cT1a versus cT1b renal tumors. International Journal of Urology. 2019;26;885-889	3
4428	C. C. Cao, R. J.Louie, B. E.Melfi, F.Veronesi, G.Razzak, R.Romano, G.Novellis, P.Shah, S.Ranganath, N.Park, B. J., Incidence, Management, and Outcomes of Intraoperative Catastrophes During Robotic Pulmonary Resection. Annals of Thoracic Surgery. 2019;108;1498-1504	3
4429	J. C. C. Delto, P.Hyde, S.McAnally, K.Crociani, C.Wagner, A. A., Reducing Pseudoaneurysm and Urine Leak After Robotic Partial Nephrectomy: Results Using the Early Unclamping Technique. Urology. 2019;132;130-135	5
4430	M. T. Spaggiari, K. A.Okoye, O.Di Bella, C.Di Cocco, P.Almario, J.Ugwu-Dike, P.Tzvetanov, I. G.Benedetti, E., The utility of robotic assisted pancreas transplants - a single center retrospective study. Transplant International. 2019;32;1173-1181	12
4431	R. D. S. Vijayan, T.Han, R.Zhang, X.Uneri, A.Doerr, S.Ketcha, M.Perdomo-Pantoja, A.Theodore, N.Siewerdsen, J. H., Automatic pedicle screw planning using atlas-based registration of anatomy and reference trajectories. Physics in Medicine & Biology. 2019;64;165020	2
4432	M. I. W. Siddiqui, D. J.Salazar, L. M.Vardiman, A. B., Robot-Assisted Pedicle Screw Placement: Learning Curve Experience. World Neurosurgery. 2019;130;e417-e422	5

4433	O. A. Agcaoglu, M.Ozdemir, M.Makay, O., The Impact of Body Mass Index on Perioperative Outcomes of Robotic Adrenalectomy: An Update. Surgical Innovation. 2019;26;687-691	5
4434	M. C. Zazzara, G.Pagliarulo, G.Nazaraj, A.Maselli, F. P.De Nunzio, C.Scarcia, M.Romano, M.Portoghese, F.Ludovico, G. M., Robotic pyelolithotomy for the treatment of large renal stones: a single-center experience. Minerva Urologica e Nefrologica. 2019;71;537-543	3
4435	A. B. T. Porcaro, A.Sebben, M.Processali, T.Pirozzi, M.Amigoni, N.Rizzetto, R.Shakir, A.Cacciamani, G. E.Brunelli, M.Siracusano, S.Cerruto, M. A.Artibani, W., Body Mass Index and prostatic-specific antigen are predictors of prostate cancer metastases in patients undergoing robot-assisted radical prostatectomy and extended pelvic lymph node dissection. Minerva Urologica e Nefrologica. 2019;71;516-523	5
4436	S. C. Pagkratis, E. E.Lewis, F.Miller, K.Osman, H.Doyle, M. B. M.Jeyarajah, D. R., Expectations of Hepato-Pancreato-Biliary Fellows; Do We Meet Them?. Journal of Surgical Education. 2019;76;1546-1555	2
4437	S. G. Dabas, K.Sharma, A. K.Shukla, H.Ranjan, R.Sharma, D. K., Oncological outcome following initiation of treatment for stage III and IV HPV negative oropharyngeal cancers with transoral robotic surgery (TORS). European Journal of Surgical Oncology. 2019;45;2137-2142	3
4438	E. F. Wallin, H.Radestad, A. F., Sexual, bladder, bowel and ovarian function 1 year after robot-assisted radical hysterectomy for early-stage cervical cancer. Acta Obstetricia et Gynecologica Scandinavica. 2019;98;1404-1412	5
4439	P. P. Magistri, A.Franceschini, E.Pesi, B.Guadagni, S.Catellani, B.Assirati, G.Guidetti, C.Guerrini, G. P.Tarantino, G.Ballarin, R.Codeluppi, M.Morelli, L.Coratti, A.Di Benedetto, F., Not just minor resections: robotic approach for cystic echinococcosis of the liver. Infection. 2019;47;973-979	5
4440	R. B. Schiavina, L.Borghesi, M.Chessa, F.Cercenelli, L.Marcelli, E.Brunocilla, E., Three-dimensional digital reconstruction of renal model to guide preoperative planning of robot-assisted partial nephrectomy. International Journal of Urology. 2019;26;931-932	8
4441	T. I. Tarui, N.Horikawa, T.Seguchi, R.Shigematsu, S.Kiuchi, R.Miyata, K.Tomita, S.Ohtake, H.Watanabe, G., First Major Clinical Outcomes of Totally Endoscopic Robotic Mitral Valve Repair in Japan - A Single-Center Experience. Circulation Journal. 2019;83;1668-1673	3
4442	F. J. C. Backes, D.Salani, R.Cohn, D. E.O'Malley, D. M.Fanning, E.Suarez, A. A.Fowler, J. M., Prospective clinical trial of robotic sentinel lymph node assessment with isosulfane blue (ISB) and indocyanine green (ICG) in endometrial cancer and the impact of ultrastaging (NCT01818739). Gynecologic Oncology. 2019;153;496-499	3
4443	M. H. C. Al-Temimi, B.Agapian, J.Peters, W. R., Jr.Wells, K. O., Robotic versus laparoscopic elective colectomy for left side diverticulitis: a propensity score-matched analysis of the NSQIP database. International Journal of Colorectal Disease. 2019;34;1385-1392	12
4444	J. S. Baber, I.McLaughlin, T.Tortora, J.Champagne, A.Gangakhedkar, A.Pinto, K.Wagner, J., Impact of Urology Resident Involvement on intraoperative, Long-Term Oncologic and Functional Outcomes of Robotic Assisted Laparoscopic Radical Prostatectomy. Urology. 2019;132;43-48	3
4445	Y. Z. Yang, X.Li, B.Li, Z.Sun, Y.Mao, T.Hua, R.Yang, Y.Guo, X.He, Y.Li, H.Chen, H.Tan, L., Robot-assisted esophagectomy (RAE) versus conventional minimally invasive esophagectomy (MIE) for resectable esophageal squamous cell carcinoma: protocol for a multicenter prospective randomized controlled trial (RAMIE trial, robot-assisted minimally invasive Esophagectomy). BMC Cancer. 2019;19;608	8

4446	M. J. H. Marques, M. R.Vyas, K.Thrapp, A.Zhang, H.Bradu, A.Gelikonov, G.Giataganas, P.Payne, C. J.Yang, G. Z.Podoleanu, A., En-face optical coherence tomography/fluorescence endomicroscopy for minimally invasive imaging using a robotic scanner. Journal of Biomedical Optics. 2019;24;44576	2
4447	M. V. D. S. Marino, S.Podda, M.Gomez Ruiz, M.Gomez Fleitas, M., The Application of Indocyanine Green Fluorescence Imaging During Robotic Liver Resection: A Case-Matched Study. World Journal of Surgery. 2019;43;2595-2606	3
4448	Y. G. Zhao, S.Wang, Y.Cui, J.Ma, Y.Zeng, Y.Liu, X.Jiang, Y.Li, Y.Shi, L.Xiao, N., A CNN-based prototype method of unstructured surgical state perception and navigation for an endovascular surgery robot. Medical & Biological Engineering & Computing. 2019;57;1875-1887	3
4449	Z. K. Yap, W. W.Kang, S. W.Lee, C. R.Lee, J.Jeong, J. J.Nam, K. H.Chung, W. Y., Impact of body mass index on robotic transaxillary thyroidectomy. Scientific Reports. 2019;9;8955	3
4450	K. C. Eguchi, J. Y. K.Tateya, I.Shimizu, A.Holsinger, F. C.Sugimoto, T., Curved Laryngopharyngoscope With Flexible Next-Generation Robotic Surgical System for Transoral Hypopharyngeal Surgery: A Preclinical Evaluation. Annals of Otology, Rhinology & Laryngology. 2019;128;1023-1029	1
4451	S. D. Grasso, J.Yoon, B.Walker, A.Ahnfeldt, E., Status of Robotic-Assisted Surgery (RAS) in the Department of Defense (DoD). Military Medicine. 2019;184;e412-e416	3
4452	A. C. Spyrantis, A.Seifert, V.Freiman, T. M.Setzer, M., Minimally invasive percutaneous robotic thoracolumbar pedicle screw implantation combined with three-dimensional fluoroscopy can reduce radiation: A cadaver and phantom study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2022	1
4453	J. S. Feldstein, B.Roberts, M.Coussons, H., Cost of ownership assessment for a da Vinci robot based on US real-world data. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2023	4
4454	A. S. Sastry, J. K.Passeri, M.Baker, E. H.Vrochides, D.McKillop, I. H.Iannitti, D. A.Martinie, J. B., Efficacy of a Laparoscopic Saline-Coupled Bipolar Sealer in Minimally Invasive Hepatobiliary Surgery. Surgical Innovation. 2019;26;668-674	2
4455	W. H. Zhan, M.Han, C.Tian, H.Jing, W.Li, X.Shi, H.Yang, X.Guo, T.Su, H.Ma, Y., Safety and effectiveness of the da Vinci robot with the "3+2" mode for distal pancreatectomy. Cancer Medicine. 2019;8;4226-4234	3
4456	C. L. D. Stewart, S.Nota, C.Ituarte, P. H. G.Melstrom, L. G.Woo, Y.Singh, G.Fong, Y.Nathan, H.Warner, S. G., Hospital factors strongly influence robotic use in general surgery. Surgery. 2019;166;867-872	2
4457	R. H. Randell, S.Alvarado, N.Greenhalgh, J.Hindmarsh, J.Pearman, A.Jayne, D.Gardner, P.Gill, A.Kotze, A.Dowding, D., Factors supporting and constraining the implementation of robot-assisted surgery: a realist interview study. BMJ Open. 2019;9;e028635	2
4458	P. S. S. Deol, J.Kumar, A.Tsalatsanis, A.Moodie, C. C.Garrett, J. R.Fontaine, J. P.Toloza, E. M., Effect of insurance type on perioperative outcomes after robotic-assisted pulmonary lobectomy for lung cancer. Surgery. 2019;166;211-217	3
4459	B. B. Dhanireddy, N. P.Sanampudi, S.Wooten, C. E.Slezak, J.Shelton, B.Shelton, L.Shearer, A.Arnold, S.Kudrimoti, M.Gal, T. J., Outcomes in surgically resectable oropharynx cancer treated with transoral robotic surgery versus definitive chemoradiation. American Journal of Otolaryngology. 2019;40;673-677	13

4460	E. W. Alfonzo, E.Ekdahl, L.Staf, C.Radestad, A. F.Reynisson, P.Stalberg, K.Falconer, H.Persson, J.Dahm-Kahler, P., No survival difference between robotic and open radical hysterectomy for women with early-stage cervical cancer: results from a nationwide population-based cohort study. European Journal of Cancer. 2019;116;169-177	13
4461	T. C. Bo, L.Hongchang, L.Chao, Z.Huaxing, L.Peiwu, Y., Robotic versus laparoscopic rectal resection surgery: Short-term outcomes and complications: A retrospective comparative study. Surgical Oncology. 2019;29;71-77	12
4462	M. L. M. S. Kwong, M. E. S.Bello, B. L.Sugarbaker, P. H., Port site metastases after minimally invasive resection for colorectal cancer: A retrospective study of 13 patients. Surgical Oncology. 2019;29;20-24	2
4463	E. H. Dinneen, A.Allen, C.Freeman, A.Briggs, T.Nathan, S.Brew-Graves, C.Grierson, J.Williams, N. R.Persad, R.Oakley, N.Adshead, J. M.Huland, H.Haese, A.Shaw, G., NeuroSAFE robot-assisted laparoscopic prostatectomy versus standard robot-assisted laparoscopic prostatectomy for men with localised prostate cancer (NeuroSAFE PROOF): protocol for a randomised controlled feasibility study. BMJ Open. 2019;9;e028132	7
4464	A. A. E. Hussein, A. S.Aldhaam, N. A.Jing, Z.Osei, J.Kaouk, J.Redorta, J. P.Menon, M.Peabody, J.Dasgupta, P.Khan, M. S.Mottrie, A.Stockle, M.Hemal, A.Richstone, L.Hosseini, A.Wiklund, P.Schanne, F.Kim, E.Ho Rha, K.Guru, K. A., Ten-Year Oncologic Outcomes Following Robot-Assisted Radical Cystectomy: Results from the International Robotic Cystectomy Consortium. Journal of Urology. 2019;202;927-935	5
4465	A. A. Garayev, O.Tavukcu, H. H.Atug, F., Effect of Autologous Fibrin Glue on Lymphatic Drainage and Lymphocele Formation in Extended Bilateral Pelvic Lymphadenectomy in Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2019;33;761-766	2
4466	M. Z. Unberath, J. N.Gao, C.Bier, B.Goldmann, F.Lee, S. C.Fotouhi, J.Taylor, R.Armand, M.Navab, N., Enabling machine learning in X-ray-based procedures via realistic simulation of image formation. International Journal of Computer Assisted Radiology & Surgery. 2019;14;1517-1528	2
4467	K. N. Z. Howard, L. C.Weinberg, A. C.Granieri, M.Bernstein, M. A.Grucela, A. L., Robotic transanal minimally invasive rectal mucosa harvest. Surgical Endoscopy. 2019;33;3478-3483	3
4468	Z. E. P. Khene, B.Bernhard, J. C.Kocher, N. J.Vaessen, C.Doumerc, N.Pradere, B.Seisen, T.Beauval, J. B.Verhoest, G.Roumiguie, M.De la Taille, A.Bruyere, F.Roupret, M.Mejean, A.Mathieu, R.Shariat, S.Raman, J. D.Bensalah, K.members of the French Committee of Urologic, Oncology, A preoperative nomogram to predict major complications after robot assisted partial nephrectomy (UroCCR-57 study). Urologic Oncology. 2019;37;577.e1-577.e7	5
4469	M. F. H. C. Rocha, R. F.Branco, A. W.Filgueira, P. H. O.Guida, R. Junior, A census of laparoscopic and robotic urological practice: a survey of minimally invasive surgery department of the Brazilian Society of Urology. International Braz J Urol. 2019;45;732-738	1
4470	Y. P.-R. Chen, P.Chen, X.Frosz, M. H.Yu, X., MRI-guided robotic arm drives optogenetic fMRI with concurrent Ca²⁺ recording. Nature communications. 2019;10;2536	2
4471	Y. K. L. Chao, Z. G.Wen, Y. W.Kim, D. J.Park, S. Y.Chang, Y. L.van der Sluis, P. C.Ruurda, J. P.van Hillegersberg, R., Robotic-assisted Esophagectomy vs Video-Assisted Thoracoscopic Esophagectomy (REVATE): study protocol for a randomized controlled trial. Trials [Electronic Resource]. 2019;20;346	7
4472	J. S. Persson, S.Bollino, M.Lonnerfors, C.Falconer, H.Geppert, B., Pelvic Sentinel lymph node detection in High-Risk Endometrial Cancer (SHREC-trial)-the final step towards a paradigm shift in surgical staging. European Journal of Cancer. 2019;116;77-85	2

4473	B. F. Zhang, Y.Yang, P.Cao, T.Liao, H., Worm-Like Soft Robot for Complicated Tubular Environments. Soft Robotics. 2019;6;399-413	1
4474	J. Y. K. T. Chan, R. K.Holsinger, F. C.Tong, M. C. F.Ng, C. W. K.Chiu, P. W. Y.Ng, S. S. M.Wong, E. W. Y., Prospective clinical trial to evaluate safety and feasibility of using a single port flexible robotic system for transoral head and neck surgery. Oral Oncology. 2019;94;101-105	3
4475	L. S. Lipetskaia, S.Johnson, M. S.Ostergard, D. R.Francis, S., Urinary incontinence and quality of life in endometrial cancer patients after robotic-assisted laparoscopic hysterectomy with lymph node dissection. Journal of Obstetrics & Gynaecology. 2019;39;986-990	3
4476	M. G.-H. Korsholm, D.Mogensen, O.Moller, S.Sopina, L.Joergensen, S. L.Jensen, P. T., Long term resource consequences of a nationwide introduction of robotic surgery for women with early stage endometrial cancer. Gynecologic Oncology. 2019;154;411-419	13
4477	S. S. Taguchi, K.Fujimura, T.Naito, A.Kawai, T.Nakagawa, K.Abe, O.Kume, H.Fukuhara, H., Robot-assisted radical prostatectomy versus volumetric modulated arc therapy: Comparison of front-line therapies for localized prostate cancer. Radiotherapy & Oncology. 2019;140;62-67	3
4478	D. B. C.-S. Nguyen, N.Alshaya, A.Gotlieb, W. H.Abenhaim, H. A., The effect of rural vs. urban setting on the management and outcomes of surgery for endometrial cancer. Journal of Gynecology Obstetrics and Human Reproduction. 2019;48;745-749	2
4479	A. F. W. Feczko, H.Nishimura, K.Farivar, A. S.Bograd, A. J.Vallieres, E.Aye, R. W.Louie, B. E., Proficiency of Robotic Lobectomy Based on Prior Surgical Technique in The Society of Thoracic Surgeons General Thoracic Database. Annals of Thoracic Surgery. 2019;108;1013-1020	3
4480	A. C. E. Calaway, L. H.Masterson, T. A.Foster, R. S.Cary, C., Adverse Surgical Outcomes Associated with Robotic Retroperitoneal Lymph Node Dissection Among Patients with Testicular Cancer. European Urology. 2019;76;607-609	5
4481	M. G. Schluter, S.Furweger, C.Schlaefer, A., Analysis and optimization of the robot setup for robotic-ultrasound-guided radiation therapy. International Journal of Computer Assisted Radiology & Surgery. 2019;14;1379-1387	3
4482	S. N. Marconi, E.Mauri, V.Pugliese, L.Peri, A.Argenti, F.Auricchio, F.Pietrabissa, A., Toward the improvement of 3D-printed vessels' anatomical models for robotic surgery training. International Journal of Artificial Organs. 2019;42;558-565	3
4483	M. K. K. Kim, H.Choi, G. J.Kang, K. H., Robotic Thyroidectomy Decreases Postoperative Pain Compared With Conventional Thyroidectomy. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2019;29;255-260	12
4484	A. L. Tapper, D.Megahan, G.Nacker, K.Killinger, K.Hafron, J., Robotic Instrument Failure-A Critical Analysis of Cause and Quality Improvement Strategies. Urology. 2019;131;125-129	2
4485	C. H. Kohler, H.Herrmann, J.Marnitz, S.Mallmann, P.Favero, G.Plaikner, A.Martus, P.Gajda, M.Schneider, A., Laparoscopic radical hysterectomy with transvaginal closure of vaginal cuff - a multicenter analysis. International Journal of Gynecological Cancer. 2019;29;845-850	2
4486	R. M.-M. Lauterbach, S.Matanes, E.Amit, A.Wiener, Z.Lowenstein, L., Single-port versus multi-port robotic sacrocervicopexy: Establishment of a learning curve and short-term outcomes. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2019;239;44567	5
4487	G. K. Acker, A.Lukas, M.Conti, A.Pasemann, D.Meinert, F.Anh Nguyen, P. T.Jelgersma, C.Loebel, F.Budach, V.Vajkoczy, P.Furth, C.Baur, A. D. J.Senger, C., Impact of 68Ga-DOTATOC PET/MRI on robotic radiosurgery treatment planning in meningioma patients: first experiences in a single institution. Neurosurgical Focus. 2019;46;E9	3

4488	F. S. K. van Zanten, S. E.Pasker-De Jong, P. C. M.Lenters, E.Schreuder, H. W. R., Learning curve of robot-assisted laparoscopic sacrocolpo(recto)pexy: a cumulative sum analysis. American Journal of Obstetrics & Gynecology. 2019;221;483.e1-483.e11	5
4489	C. A. Villanueva, Open vs robotic infant ureteroureterostomy. Journal of pediatric urology. 2019;15;390.e1-390.e4	13
4490	E. J. R. Jang, Y. H.Kang, C. M.Kim, D. K.Park, K. J., Single-Port Laparoscopic and Robotic Cholecystectomy in Obesity (>25 kg/m²). Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Apr-Jun	12
4491	K. W. Washington, J. R.Jay, J.Jeyarajah, D. R., Oncologic Resection in Laparoscopic Versus Robotic Transhiatal Esophagectomy. Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Apr-Jun	13
4492	S. A. Albisinni, F.Quackels, T.Assenmacher, G.Peltier, A.van Velthoven, R.Roumeguere, T., Validated Prospective Assessment of Quality of Life After Robot-Assisted Laparoscopic Prostatectomy: Beyond Continence and Erections. American Journal of Mens Health. 2019;13;1557988319854550	5
4493	Y. A. Peng, P.Desai, P.Byers, A.Klemt, C.Kwon, Y. M., In vivo kinematic analysis of patients with robotic-assisted total hip arthroplasty during gait at 1-year follow-up. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2021	7
4494	M. L. C. Roscigno, G.Naspro, R.Nicolai, M.Manica, M.Scarcello, M.Chinaglia, D.Da Pozzo, L. F., Extended pelvic lymph node dissection during radical prostatectomy: comparison between initial robotic experience of a high-volume open surgeon and his contemporary open series. Minerva Urologica e Nefrologica. 2019;71;597-604	12
4495	A. S. Galfano, S.Panarello, D.Barbieri, M.Di Trapani, D.Petralia, G.Strada, E.Napoli, G.Bocciardi, A. M., Pain and discomfort after Retzius-sparing robot-assisted radical prostatectomy: a comparative study between suprapubic cystostomy and urethral catheter as urinary drainage. Minerva Urologica e Nefrologica. 2019;71;381-385	3
4496	Z. F. F. Zhou, J. B.Chen, L.Wang, H. F.Yu, Y. J.Wang, W. Y.Chen, J. B.Zhang, M. Z.Hu, S. F., Effects of intraoperative PEEP on postoperative pulmonary complications in patients undergoing robot-assisted laparoscopic radical resection for bladder cancer or prostate cancer: study protocol for a randomized controlled trial. Trials [Electronic Resource]. 2019;20;304	7
4497	M. O. Malki, J.Hussain, M.Barber, N., Retroperitoneal Robot-Assisted Partial Nephrectomy in Obese Patients. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;1027-1032	5
4498	M. F. S. Neumaier, C. H. JuniorHisano, M.Rocha, F. E. T.Arap, S.Arap, M. A., Factors affecting urinary continence and sexual potency recovery after robotic-assisted radical prostatectomy. International Braz J Urol. 2019;45;703-712	3
4499	T. P. Blanc, L.Clermidi, P.Muller, C.Orbach, D.Minard-Colin, V.Harte, C.Meignan, P.Kohaut, J.Heloury, Y.Sarnacki, S., Robotic-assisted laparoscopic management of renal tumors in children: Preliminary results. Pediatric Blood & Cancer. 2019;66 Suppl 3;e27867	5
4500	Y. S. Ohmura, H.Kotani, K.Teramoto, A., Laparoscopic inguinal hernia repair with a joystick-guided robotic scope holder (Soloassist II R): retrospective comparative study with human assistant. Langenbecks Archives of Surgery. 2019;404;495-503	12
4501	K. W. Chen, L.Wang, Q.Liu, X.Lu, Y.Li, Y.Wong, G. T. C., Effects of pneumoperitoneum and steep Trendelenburg position on cerebral hemodynamics during robotic-assisted laparoscopic radical prostatectomy: A randomized controlled study. Medicine. 2019;98;e15794	3

4502	P. M. P. Meier, L. M.Zurakowski, D.Nguyen, H. T.Munoz-San Julian, C.Houck, C. S., Population Pharmacokinetics of Intraperitoneal Bupivacaine Using Manual Bolus Atomization Versus Micropump Nebulization and Morphine Requirements in Young Children. Anesthesia & Analgesia. 2019;129;963-972	2
4503	M. H. He, W.Zhao, C. P.Su, Y. G.Zhou, L.Wu, X. B.Wang, J. Q., Evaluation of a Bi-Planar Robot Navigation System for Insertion of Cannulated Screws in Femoral Neck Fractures. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2019;11;373-379	12
4504	H. M. Iwamoto, S.Koie, T.Shiroki, R.Kawakita, M.Gondo, T.Matsumoto, K.Habuchi, T.Sunada, H.Endo, Y.Noma, H.Takenaka, A.Kanayama, H., Peri-operative efficacy and long-term survival benefit of robotic-assisted radical cystectomy in septuagenarian patients compared with younger patients: a nationwide multi-institutional study in Japan. International Journal of Clinical Oncology. 2019;24;1588-1595	3
4505	M. L. Hu, Y.Li, C.Wang, G.Yin, Z.Lau, W. Y.Liu, R., Robotic versus laparoscopic liver resection in complex cases of left lateral sectionectomy. International Journal Of Surgery. 2019;67;54-60	12
4506	M. R. Bhandari, M.Kosta, S.Mathur, W.Fobi, M., Laparoscopic sleeve gastrectomy versus laparoscopic gastric bypass: A retrospective cohort study. International Journal Of Surgery. 2019;67;47-53	2
4507	L. B. Solaini, F.Pellegrini, S.Avanzolini, A.Perenze, B.Curti, R.Morgagni, P.Ercolani, G., Robotic vs open gastrectomy for gastric cancer: A propensity score-matched analysis on short- and long-term outcomes. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2019	12
4508	S. C. Kobayashi, B.Huaulme, A.Tatsugami, K.Honda, H.Jannin, P.Hashizumea, M.Eto, M., Assessment of surgical skills by using surgical navigation in robot-assisted partial nephrectomy. International Journal of Computer Assisted Radiology & Surgery. 2019;14;1449-1459	3
4509	T. Y. Mishima, K.Takayasu, K.Watanabe, M.Kinoshita, H.Matsuda, T., Analysis of Gripping Force on a Master Controller During Simulated Robotic Surgery. Journal of Endourology. 2019;33;802-808	3
4510	K. S. H. Ngoo, M.Kimura, Y.Yumioka, T.Iwamoto, H.Morizane, S.Hikita, K.Takenaka, A., Longitudinal study on the impact of urinary continence and sexual function on health-related quality of life among Japanese men after robot-assisted radical prostatectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2018	5
4511	R. M. Abaza, O.Ferroni, M. C.Bsatee, A.Gerhard, R. S., Same Day Discharge after Robotic Radical Prostatectomy. Journal of Urology. 2019;202;959-963	3
4512	N. Y. Tanaka, M.Abe, T.Osawa, T.Matsumoto, R.Shinohara, N.Saito, H.Uchida, Y.Morimoto, Y., Changes of Cerebral Blood Volume During Robot-Assisted Laparoscopic Radical Prostatectomy: Observational Prospective Study Using Near-Infrared Time-Resolved Spectroscopy. Journal of Endourology. 2019;33;995-1001	2
4513	Y. L. Fan, H.Zhang, X.Wang, B.Liu, K.Huang, Q.Gao, Y.Gu, L.Ma, X., Robotic Radical Nephrectomy and Thrombectomy for Left Renal Cell Carcinoma with Renal Vein Tumor Thrombus: Superior Mesenteric Artery as an Important Strategic Dividing Landmark. Journal of Endourology. 2019;33;557-563	3
4514	M. B. Vernaleone, P.Di Cataldo, V.Saieva, C.Masi, L.Desideri, I.Greto, D.Francolini, G.Becherini, C.Livi, L., Robotic stereotactic radiotherapy for liver oligometastases from colorectal cancer: a single-center experience. Radiologia Medica. 2019;124;870-876	3
4515	I. M. Funke, S. T.Weitz, J.Speidel, S., Video-based surgical skill assessment using 3D convolutional neural networks. International Journal of Computer Assisted Radiology & Surgery. 2019;14;1217-1225	2

4516	B. L. Clapp, E.Jones, R.Lodeiro, C.Dodoo, C.Tyroch, A., Comparison of robotic revisional weight loss surgery and laparoscopic revisional weight loss surgery using the MBSAQIP database. Surgery for Obesity & Related Diseases. 2019;15;909-919	12
4517	B. S. H. Hendriksen, C. S.Taylor, M. D.Reed, M. F., Minimally Invasive Lobectomy Modality and Other Predictors of Conversion to Thoracotomy. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2019;14;342-352	4
4518	G. M. Meccariello, F.D'Agostino, G.Iannella, G.Calpona, S.Parisi, E.Costantini, M.Cammaroto, G.Gobbi, R.Firinu, E.Sgarzani, R.Nestola, D.Bellini, C.De Vito, A.Amadori, E.Vicini, C., Trans-oral robotic surgery for the management of oropharyngeal carcinomas: a 9-year institutional experience. Acta Otorhinolaryngologica Italica. 2019;39;75-83	3
4519	B. W. Liu, F.Chen, S.Jiang, X.Tian, W., Robot-assisted percutaneous scaphoid fracture fixation: a report of ten patients. Journal of Hand Surgery: European Volume. 2019;44;685-691	5
4520	X. Z. Luo, H. Q.Wan, Y.Zhang, X. B.Du, Y. P.Peters, T. M., Endoscopic Vision Augmentation Using Multiscale Bilateral-Weighted Retinex for Robotic Surgery. IEEE Transactions on Medical Imaging. 2019;38;2863-2874	3
4521	O. S. Osagiede, A. C.Cochuyt, J. J.Naessens, J.Merchea, A.Colibaseanu, D. T., Trends in the Use of Laparoscopy and Robotics for Colorectal Cancer in Florida. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;926-933	4
4522	T. I. Matsuoka, T.Shintani, N.Kotoda, M.Mitsui, K.Matsukawa, T., Changes of cerebral regional oxygen saturation during pneumoperitoneum and Trendelenburg position under propofol anesthesia: a prospective observational study. BMC Anesthesiology. 2019;19;72	2
4523	L. H. L. Pan, M. H.Pang, S. T.Wang, J.Shih, W. M., Improvement of Urinary Incontinence, Life Impact, and Depression and Anxiety With Modified Pelvic Floor Muscle Training After Radical Prostatectomy. American Journal of Mens Health. 2019;13;1557988319851610	2
4524	Z. W. Zhu, X.Wang, J.Wang, S.Fan, Y.Fu, T.Cao, S.Zhang, X., Preoperative predictors of early death risk in bladder cancer patients treated with robot-assisted radical cystectomy. Cancer Medicine. 2019;8;3447-3452	5
4525	R. V. Kesavuori, A.Lundbom, N.Schramko, A.Jokinen, J. J.Raivio, P., Minimal volume ventilation during robotically assisted mitral valve surgery. Perfusion. 2019;34;705-713	5
4526	E. O. Gezgin, S.Guzin, D.Agbas, O. E.Gezer, E. B., Structural design of a positioning spherical parallel manipulator to be utilized in brain biopsy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2011	2
4527	J. L. Luo, Z.Pei, K. Y.Khan, S. A.Wang, X.Yang, M.Wang, X.Zhang, Y., The Role of Bowel Preparation in Open, Minimally Invasive, and Converted-to-Open Colectomy. Journal of Surgical Research. 2019;242;183-192	2
4528	S. J. Z. Kowalsky, M. S.Steve, J.Esper, S. A.Lee, K. K.Hogg, M. E.Zeh, H. J., 3rdZureikat, A. H., A Combination of Robotic Approach and ERAS Pathway Optimizes Outcomes and Cost for Pancreatoduodenectomy. Annals of Surgery. 2019;269;1138-1145	3
4529	P. G. Magistri, G. P.Ballarin, R.Assirati, G.Tarantino, G.Di Benedetto, F., Improving Outcomes Defending Patient Safety: The Learning Journey in Robotic Liver Resections. BioMed Research International. 2019;2019;1835085	3

4530	T. L. Long, K. N.Gao, J. H.Liu, T. H.Mu, J. S.Wang, X. J.Peng, C.He, Z. Y., Comparative Study of Percutaneous Sacroiliac Screw with or without TiRobot Assistance for Treating Pelvic Posterior Ring Fractures. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2019;11;386-396	12
4531	L. M. C. Chambers, C.Freeman, L.Jernigan, A. M.Michener, C. M., Does surgical platform impact recurrence and survival? A study of utilization of multiport, single-port, and robotic-assisted laparoscopy in endometrial cancer surgery. American Journal of Obstetrics & Gynecology. 2019;221;243.e1-243.e11	12
4532	P. M. Gontero, G.Alessio, P.Filippini, C.Oderda, M.Munoz, F.Linares, E.Sanchez-Salas, R.Challacombe, B.Dasgupta, P.Goonewardene, S.Popert, R.Cahill, D.Gillatt, D.Persad, R.Palou, J.Joniau, S.Piechaud, T.Morlacco, A.Vidit, S.Roupret, M.De La Taille, A.Albisinni, S.Gandaglia, G.Mottrie, A.Joshi, S.Fiscus, G.Berger, A.Aron, M.Van Der Poel, H.Tilki, D.Lawrentschuk, N.Murphy, D. G.Leung, G.Davis, J.Karnes, R. J.Collaborators,, Salvage Radical Prostatectomy for Recurrent Prostate Cancer: Morbidity and Functional Outcomes from a Large Multicenter Series of Open versus Robotic Approaches. Journal of Urology. 2019;202;725-731	12
4533	F. P. M. Prete, R.Lattarulo, S.Paradies, D.Barile, G.d'Addetta, M. V.Tomasicchio, G.Gurrado, A.Pezzolla, A., Transaxillary robotic-assisted thyroid surgery: technique and results of a preliminary experience on the Da Vinci Xi platform. BMC Surgery. 2019;18;19	5
4534	J. C. Li, T., Mesh erosion into urinary bladder, rare condition but important to know. Hernia. 2019;23;709-716	2
4535	B. A. Pokala, P. R.Flores, L.Hennings, D.Oleynikov, D., Minimally invasive inguinal hernia repair is superior to open: a national database review. Hernia. 2019;23;593-599	12
4536	N. S. Linder, A.Petersen, T. O.Bailis, N.Stumpp, P.Horn, L. C.Stolzenburg, J. U.Kahn, T.Moche, M.Busse, H., In-bore biopsies of the prostate assisted by a remote-controlled manipulator at 1.5 T. Magma. 2019;32;599-605	2
4537	S. D. Murgu, Robotic assisted-bronchoscopy: technical tips and lessons learned from the initial experience with sampling peripheral lung lesions. BMC Pulmonary Medicine. 2019;19;89	3
4538	J. R. Makela-Kaikkonen, T.Ohinmaa, A.Koivurova, S.Ohtonen, P.Sintonen, H.Makela, J., Cost-analysis and quality of life after laparoscopic and robotic ventral mesh rectopexy for posterior compartment prolapse: a randomized trial. Techniques in Coloproctology. 2019;23;461-470	12
4539	S. P.-D. Atallah, E.Melani, A. G. F., Assessment of the Versius surgical robotic system for dual-field synchronous transanal total mesorectal excision (taTME) in a preclinical model: will tomorrow's surgical robots promise newfound options?. Techniques in Coloproctology. 2019;23;471-477	1
4540	A. B. C. Porcaro, G. E.Sebben, M.Tafuri, A.Processali, T.Rizzetto, R.De Luyk, N.Pirozzi, M.Amigoni, N.Corsi, P.Inverardi, D.Brunelli, M.Migliorini, F.De Marco, V.Artibani, W., Lymph Nodes Invasion of Marcille's Fossa Associates with High Metastatic Load in Prostate Cancer Patients Undergoing Extended Pelvic Lymph Node Dissection: The Role of "Marcillectomy". Urologia Internationalis. 2019;103;25-32	2
4541	A. T. Cyr, F., Spatial Concept Learning: A Spiking Neural Network Implementation in Virtual and Physical Robots. Computational Intelligence & Neuroscience. 2019;2019;8361369	3
4542	C. J. Michiels, E.Bernhard, J. C., Measurement of the Accuracy of 3D-Printed Medical Models to Be Used for Robot-Assisted Partial Nephrectomy. AJR. American Journal of Roentgenology. 2019;213;626-631	2
4543	L. Z. B. Hyde, O.Mehendale, S.Guo, D.Shah, M.Kiran, R. P., Impact of surgical approach on short-term oncological outcomes and recovery following low anterior resection for rectal cancer. Colorectal Disease. 2019;21;932-942	12

4544	X. B. W. Wu, J. Q.Sun, X.Han, W., Guidance for the Treatment of Femoral Neck Fracture with Precise Minimally Invasive Internal Fixation Based on the Orthopaedic Surgery Robot Positioning System. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2019;11;335-340	3
4545	A. B. Giannini, M.Doria, D.Fani, S.Caretto, M.Bicchi, A.Simoncini, T., Wearable haptic interfaces for applications in gynecologic robotic surgery: a proof of concept in robotic myomectomy. Journal of Robotic Surgery. 2019;13;585-588	3
4546	R. C. Campi, J.Sessa, F.Seisen, T.Tellini, R.Amparore, D.Mormile, N.Gobert, A.Mari, A.Porpiglia, F.Serni, S.Minervini, A.Roupret, M., Robotic radical nephroureterectomy and segmental ureterectomy for upper tract urothelial carcinoma: a multi-institutional experience. World Journal of Urology. 2019;37;2303-2311	5
4547	C. B. Copaescu, L.Tomulescu, V., Laparoscopic Mobilization of the Splenic Flexure as the First Step of Restorative Colorectal Resection. Chirurgia (Bucuresti). 2019;114;268-277	2
4548	N. B. Bhojani, M.Zorn, K. C.Trainer, A.Arther, A.Kramolowsky, E.Doumanian, L.Elterman, D.Kaufman, R. P.Lingeman, J.Krambeck, A.Eure, G.Badlani, G.Plante, M.Uchio, E.Gin, G.Goldenberg, L.Paterson, R.So, A.Humphreys, M.Kaplan, S.Motola, J.Desai, M.Roehrborn, C., Aquablation for Benign Prostatic Hyperplasia in Large Prostates (80-150 cc): 1-Year Results. Urology. 2019;129;44568	2
4549	C. K. K. Oh, K. H.Jeong, W.Han, W. K.Rha, K. H.Ahn, B., Research on Patient Satisfaction of Robotic Telerounding: A Pilot Study in a Korean Population. Urology. 2019;130;205-208	3
4550	J. M. Hanna, E.Brauer, P. R.Judson, B.Mehra, S., Positive margin rates and predictors in transoral robotic surgery after federal approval: A national quality study. Head & Neck. 2019;41;3064-3072	3
4551	A. A. Avinash, A. E.Mathur, P.Salcudean, S. E., A "pickup" stereoscopic camera with visual-motor aligned control for the da Vinci surgical system: a preliminary study. International Journal of Computer Assisted Radiology & Surgery. 2019;14;1197-1206	2
4552	S. B. Alfieri, G.Boggi, U.Pietrabissa, A.Morelli, L.Vistoli, F.Damoli, I.Peri, A.Fiorillo, C.Pugliese, L.Ramera, M.De Lio, N.Di Franco, G.Esposito, A.Landoni, L.Rosa, F.Menghi, R.Doglietto, G. B.Quero, G.Italian Robotic p, N. E. T. Group, Short-term and long-term outcomes after robot-assisted versus laparoscopic distal pancreatectomy for pancreatic neuroendocrine tumors (pNETs): a multicenter comparative study. Langenbecks Archives of Surgery. 2019;404;459-468	12
4553	J. X. Yang, J. D.Xue, J. X.Song, N. H.Liang, C.Xi, D.Wang, Y. M.Wang, Z. J., Robotic-assisted partial nephrectomy with sequential clamping of segmental renal arteries for multiple ipsilateral renal tumors: initial outcomes. BMC Urology. 2019;19;31	3
4554	T. B. Kuusk, O.Graafland, N.Hendricksen, K.Donswijk, M.Bex, A., Sentinel Lymph Node Biopsy in Renal Tumors: Surgical Technique and Safety. Urology. 2019;130;186-190	2
4555	R. E. K. Merritt, P. J.D'Souza, D. M., Successful Transition to Robotic-Assisted Lobectomy With Previous Proficiency in Thoracoscopic Lobectomy. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2019;14;263-271	13
4556	T. M. Le, S.Samant, R.Fung Kee Fung, M., Robotic sentinel node mapping in clinical stage 1 endometrial cancer using methylene blue dyes using the robotic platform. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2006	3

4557	F. J. Qi, F.Bai, D.Wang, Y.Chen, B., Kinematic analysis and navigation method of a cable-driven continuum robot used for minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2007	3
4558	J. I. J. Shim, E. H.Kim, M.Kim, M. K.Kim, M. L.Yun, B. S.Seong, S. J.Jung, Y. W., A comparison of surgical outcomes between robot and laparoscopy-assisted adenomyomectomy. Medicine. 2019;98;e15466	13
4559	M. G. El Chaar, J.Ringold, S.Stoltzfus, J., Cost analysis of robotic sleeve gastrectomy (R-SG) compared with laparoscopic sleeve gastrectomy (L-SG) in a single academic center: debunking a myth!. Surgery for Obesity & Related Diseases. 2019;15;675-679	12
4560	A. S. S. Khan, I.Affleck, A.Cochran, A.Baker, E.Iannitti, D.Vrochides, D.Martinie, J. B., Robotic Surgery for Benign and Low-Grade Malignant Diseases of the Duodenum. American Surgeon. 2019;85;414-419	3
4561	C. P. C. Souders, K.Hannemann, A.Lyon, R.Eilber, K. S.Bresee, C.Cohen, T.Weigl, M.Anger, J. T., Flow disruptions in robotic-assisted abdominal sacrocolpopexy: does robotic surgery introduce unforeseen challenges for gynecologic surgeons?. International Urogynecology Journal. 2019;30;2177-2182	3
4562	G. F. Siesto, A.Portuesi, R. A. V.Romano, F.Ieda, N. P.Vitobello, D., Survival outcomes of robotic radical hysterectomy for early stage cervical cancer: A 9-year study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2003	5
4563	K. H. D. Sheetz, J. B., Is It Time for Safeguards in the Adoption of Robotic Surgery?. JAMA. 2019;321;1971-1972	3
4564	F. S. Nik-Ahd, C. P.Houman, J.Zhao, H.Chughtai, B.Anger, J. T., Robotic Urologic Surgery: Trends in Food and Drug Administration-Reported Adverse Events Over the Last Decade. Journal of Endourology. 2019;33;649-654	3
4565	D. B. Romagnoli, F. M.Corsi, P.D'Agostino, D.Giampaoli, M.Bianchi, L.Chessa, F.Schiavina, R.Brunocilla, E.Artibani, W.Porreca, A., Robot-Assisted Radical Cystectomy with Intracorporeal Orthotopic Ileal Neobladder: A Safe Strategy in Elderly Patients? Results of Propensity Score Matching in a Single High-Volume Center. Surgical Technology International. 2019;34;302-309	5
4566	N. E. M. Zayan, M. P.Schwartz, J. S.Narula, V. K., A direct comparison of robotic and laparoscopic hernia repair: patient-reported outcomes and cost analysis. Hernia. 2019;23;1115-1121	12
4567	R. A. DiPietro, N.Malpani, A.Waldram, M.Lee, G. I.Lee, M. R.Vedula, S. S.Hager, G. D., Segmenting and classifying activities in robot-assisted surgery with recurrent neural networks. International Journal of Computer Assisted Radiology & Surgery. 2019;14;2005-2020	7
4568	S. W. K. Jeon, K. I.Song, S. J., Robot-Assisted Total Knee Arthroplasty Does Not Improve Long-Term Clinical and Radiologic Outcomes. Journal of Arthroplasty. 2019;34;1656-1661	12
4569	A. P. Carrion, A.Raventos, C.Lozano, F.Diaz, F.Morote, J., Comparison of perioperative outcomes and complications of robot assisted radical cystectomy with extracorporeal vs intracorporeal urinary diversion. Actas Urologicas Espanolas. 2019;43;277-283	3
4570	J. D. P. Vossler, K. K.Murayama, S. M.Moucharite, M. A.Murayama, K. M.Mikami, D. J., Predictors of Robotic Versus Laparoscopic Inguinal Hernia Repair. Journal of Surgical Research. 2019;241;247-253	4
4571	O. O. D. Omidele, N.Palese, M., Fellowship and Subspecialization in Urology: An Analysis of Robotic-assisted Partial Nephrectomy. Urology. 2019;130;36-42	3

4572	P. D. D. A. Corsi, D.Giampaoli, M.Bianchi, F. M.Romagnoli, D.Crivellaro, S.Saraceni, G.Garofalo, M.Schiavina, R.Brunocilla, E.Artibani, W.Porreca, A., Minimally Invasive Pyelolithotomy: Comparison of Robot-assisted and Laparoscopic Techniques. Surgical Technology International. 2019;34;296-301	13
4573	H. K. Feussner, Y.Wilhelm, D.Brunner, S.Ostler, D.Meining, A.Lueth, T., Mechatronic Support System for NOTES and Monoport Surgery - A New Approach. Surgical Technology International. 2019;34;23-29	2
4574	M. Y. Gachabayov, K.Angelos, G. A.Bendl, R.Anderson, C.Essani, R.Zakhaleva, J.Amrani, S.Barnajian, M.Karas, J.Bergamaschi, R., Evaluation of the Educational Environment of a Cadaver Course in Robotic Colorectal Surgery: A Cross-sectional Study. Surgical Technology International. 2019;34;199-207	1
4575	J. C. C. Iordanou, D.Ghatan, S.Panov, F., Approach Angle Affects Accuracy in Robotic Stereoelectroencephalography Lead Placement. World Neurosurgery. 2019;128;e322-e328	3
4576	P. B. Gilling, N.Bidair, M.Anderson, P.Sutton, M.Aho, T.Kramolowsky, E.Thomas, A.Cowan, B.Kaufman, R. P., Jr.Trainer, A.Arther, A.Badlani, G.Plante, M.Desai, M.Doumanian, L.Te, A. E.DeGuenther, M.Roehrborn, C., Two-Year Outcomes After Aquablation Compared to TURP: Efficacy and Ejaculatory Improvements Sustained. Advances in Therapy. 2019;36;1326-1336	2
4577	J. A. S. Kennard, A. J.Ahmad, S.Zhu, X.Singh, C.McKenzie, N. D.Kendrick, J. E.Holloway, R. W., Sentinel lymph nodes (SLN) in endometrial cancer: The relationship between primary tumor histology, SLN metastasis size, and non-sentinel node metastasis. Gynecologic Oncology. 2019;154;53-59	5
4578	I. S. R. Sarkaria, N. P.Goldman, D. A.Sima, C.Tan, K. S.Bains, M. S.Adusumilli, P. S.Molena, D.Bott, M.Atkinson, T.Jones, D. R.Rusch, V. W., Early Quality of Life Outcomes After Robotic-Assisted Minimally Invasive and Open Esophagectomy. Annals of Thoracic Surgery. 2019;108;920-928	13
4579	B. M. Pesi, L.Guerra, F.Tofani, F.Nerini, A.Annecchiarico, M.Coratti, A., Surgical and oncological outcomes after ultrasound-guided robotic liver resections for malignant tumor. Analysis of a prospective database. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2002	5
4580	S. T. Huerta, C.Argo, M.Favela, J.Pham, T.Kukreja, S.Yan, J.Zhu, H., Open, Laparoscopic, and Robotic Inguinal Hernia Repair: Outcomes and Predictors of Complications. Journal of Surgical Research. 2019;241;119-127	12
4581	T. F. Wakabayashi, E.Cherkaoui, Z.Mutter, D.Marescaux, J.Pessaux, P., Robotic Central Pancreatectomy for Well-Differentiated Neuroendocrine Tumor: Parenchymal-Sparing Procedure. Annals of Surgical Oncology. 2019;26;2121	3
4582	G. V. Siena, G.Mari, A.Li Marzi, V.Caroassai, S.Giancane, S.Sessa, F.Minervini, A.Breda, A.Serni, S., Full Robot-Assisted Living Donor Nephrectomy and Kidney Transplantation in a Twin Dedicated Operating Room: Initial Experience From a High-Volume Robotic Center. Surgical Innovation. 2019;26;449-455	5
4583	D. V. Langer, M.Kalvach, J.Ryska, M., Assessment of anastomosis perfusion by fluorescent angiography in robotic low rectal resection: the results of a non-randomized study. Rozhledy V Chirurgii. 2019;98;110-114	3
4584	A. K. Persaud, G.Ahmed, A.Shulik, O.Ahlawat, S., Hospitalization Burden of Biliary Strictures and Cholangitis After Pancreaticoduodenectomy. Journal of Surgical Research. 2019;241;95-102	2
4585	Z. Z. Lu, J.Yang, C.Zhang, L.Tai, S.Xiang, R.Liang, C., Endoscopic robot-assisted simple enucleation of renal tumours: Impact of learning curve and tumour complexity on trifecta outcomes. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e2000	5

4586	R. G. Bertolo, J.Dagenais, J.Sagalovich, D.Stein, R.Fareed, K.Gao, T.Armanyous, S.Fergany, A.Lioudis, M.Kaouk, J., Transperitoneal Robot-assisted Partial Nephrectomy with Minimum Follow-up of 5 Years: Oncological and Functional Outcomes from a Single Institution. European Urology Oncology. 2019;2;207-213	5
4587	L. G. Peard, J.Hensley, P.Dugan, A.Bylund, J.Harris, A. M., Examining and Understanding Value: The Impact of Preoperative Characteristics, Intraoperative Variables, and Postoperative Complications on Cost of Robot-Assisted Laparoscopic Radical Prostatectomy. Journal of Endourology. 2019;33;541-548	4
4588	N. B. Hinata, Y.Chiba, K.Furukawa, J.Harada, K.Ishimura, T.Nakano, Y.Fujisawa, M., Application of hyaluronic acid/carboxymethyl cellulose membrane for early continence after nerve-sparing robot-assisted radical prostatectomy. BMC Urology. 2019;19;25	2
4589	T. R. Ahn, M. J.Strahan, A.Malone, G.Paterdis, J.Wood, G.Heathcote, P., Improved lower urinary tract symptoms after robot-assisted radical prostatectomy: implications for survivorship, treatment selection and patient counselling. BJU International. 2019;123 Suppl 5;47-53	5
4590	A. M. R. Shumate, G.Ball, C. T.Custer, K.Thiel, D. D., Factors associated with prolonged length of stay following robotic-assisted partial nephrectomy. Canadian Journal of Urology. 2019;26;9726-9732	3
4591	A. S. Salner, I.Jahiel, R. I.Bellizzi, K. M.Champagne, A.Tortora, J.Wong, A. G.McLaughlin, T.Wagner, J., Return to work after robot-assisted laparoscopic prostatectomy versus radical retro-pubic prostatectomy. Canadian Journal of Urology. 2019;26;9708-9714	12
4592	J. S. van Hilst, E. A.de Rooij, T.Daams, F.Festen, S.Groot Koerkamp, B.Klaase, J. M.Luyer, M.Dijkgraaf, M. G.Besselink, M. G.Dutch Pancreatic Cancer, GroupLeopard trial collaborators, Costs and quality of life in a randomized trial comparing minimally invasive and open distal pancreatectomy (LEOPARD trial). British Journal of Surgery. 2019;106;910-921	2
4593	K. M. Hyakutake, T.Saita, K.Fukuda, H.Shiota, E.Higaki, Y.Inoue, T.Uehara, Y., Effects of Home-Based Robotic Therapy Involving the Single-Joint Hybrid Assistive Limb Robotic Suit in the Chronic Phase of Stroke: A Pilot Study. BioMed Research International. 2019;2019;5462694	2
4594	C. L. N. Cool, K. A.Khlopas, A.Mont, M. A., Revision Analysis of Robotic Arm-Assisted and Manual Unicompartmental Knee Arthroplasty. Journal of Arthroplasty. 2019;34;926-931	12
4595	D. B. M. Nelson, R. J.Mitchell, K. G.Rajaram, R.Correa, A. M.Bassett, R. L., Jr.Antonoff, M. B.Hofstetter, W. L.Roth, J. A.Sepesi, B.Swisher, S. G.Walsh, G. L.Vaporciyan, A. A.Rice, D. C., Robotic-Assisted Lobectomy for Non-Small Cell Lung Cancer: A Comprehensive Institutional Experience. Annals of Thoracic Surgery. 2019;108;370-376	13
4596	H. T. Lan, Z.Li, K. N.Gao, J. H.Liu, T. H., Intramedullary Nail Fixation Assisted by Orthopaedic Robot Navigation for Intertrochanteric Fractures in Elderly Patients. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2019;11;255-262	12
4597	S. S.-S. Garcia-Barreras, R.Mejia-Monasterio, C.Muttin, F.Secin, F.Dell'Oglio, P.Nunes-Silva, I.Srougi, V.Barret, E.Rozet, F.Prapotnich, D.Cathelineau, X., Biochemical recurrence-free conditional probability after radical prostatectomy: A dynamic prognosis. International Journal of Urology. 2019;26;725-730	2
4598	X. F. L.-A. Zhang, A. G.Poultsides, G.Makris, E.Rocha, F.Kanji, Z.Weber, S.Fields, R.Krasnick, B. A.Idrees, K.Smith, P. M.Cho, C.Schmidt, C. R.Maithel, S. K.Pawlik, T. M.United States Neuroendocrine Tumor Study, Group, Minimally invasive versus open distal pancreatectomy for pancreatic neuroendocrine tumors: An analysis from the U.S. neuroendocrine tumor study group. Journal of Surgical Oncology. 2019;120;231-240	2

4599	T. Y. Takagi, K.Kondo, T.Kobayashi, H.Iizuka, J.Okumi, M.Ishida, H.Tanabe, K., Association between tumor contact surface area and parenchymal volume change in robot-assisted laparoscopic partial nephrectomy carried out using the enucleation technique. International Journal of Urology. 2019;26;745-751	5
4600	S. A. V. Gold, D. J.Harmon, S.Bloom, J. B.Karzai, F.Hale, G. R.Marhamati, S.Rayn, K. N.Mehralivand, S.Merino, M. J.Gulley, J. L.Bilusic, M.Madan, R. A.Choyke, P. L.Turkbey, B.Dahut, W.Pinto, P. A., mpMRI preoperative staging in men treated with antiandrogen and androgen deprivation therapy before robotic prostatectomy. Urologic Oncology. 2019;37;352.e25-352.e30	3
4601	C. A. M. Green, K. M.Harris, H. W.O'Sullivan, P. S., Integrating Robotic Technology Into Resident Training: Challenges and Recommendations From the Front Lines. Academic Medicine. 2019;94;1532-1538	1
4602	M. S. Gallitto, K.Wasserman, I.De, B.Gupta, V.Miles, B. A.Genden, E. M.Posner, M.Misiukiewicz, K.Bakst, R. L., Trimodality therapy for oropharyngeal cancer in the TORS era: Is there a cohort that may benefit?. Head & Neck. 2019;41;3009-3022	2
4603	T. I. Fujimura, Y.Aizawa, N.Niimi, A.Yamada, Y.Sugihara, T.Kamei, J.Sato, Y.Matsunaga, A.Yoshida, M.Shinoda, Y.Fukuhara, H.Nakagawa, T.Homma, Y.Kume, H., Longitudinal change of comprehensive lower urinary tract symptoms and various types of urinary incontinence during robot-assisted radical prostatectomy. Neurourology & Urodynamics. 2019;38;1067-1075	5
4604	C. M. K. Song, M. S.Lee, D. W.Ji, Y. B.Park, J. H.Kim, D. S.Tae, K., Comparison of postoperative voice outcomes after postauricular facelift robotic hemithyroidectomy and conventional transcervical hemithyroidectomy. Head & Neck. 2019;41;2921-2928	12
4605	D. C. K. Rosen, M.Kim, Y.Paulucci, D. J.Beksac, A. T.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Porter, J. R.Badani, K. K., The Impact of Obesity in Patients Undergoing Robotic Partial Nephrectomy. Journal of Endourology. 2019;33;431-437	3
4606	L. G. Ros-Freixedes, A.Liu, N.Shen, M.Yang, G. Z., Design optimization of a contact-aided continuum robot for endobronchial interventions based on anatomical constraints. International Journal of Computer Assisted Radiology & Surgery. 2019;14;1137-1146	3
4607	R. D. V. Madder, S.Mulder, A.Bush, J.Martin, S.Rash, A.Tan, J. M., 2ndParker, J.Li, Y.Kottenstette, N.Bergman, P.Nowak, B., Feasibility of robotic telestenting over long geographic distances: a pre-clinical ex vivo and in vivo study. Eurointervention. 2019;15;e510-e512	3
4608	S. K. Alnaghy, A.Caillet, V.Nguyen, D. T.O'Brien, R.Booth, J. T.Keall, P. J., A six-degree-of-freedom robotic motion system for quality assurance of real-time image-guided radiotherapy. Physics in Medicine & Biology. 2019;64;105021	1
4609	Z. C. Wang, J.Wang, P.Jie, Z.Jin, W.Wang, G.Li, J.Ren, J., Surgical Site Infection After Gastrointestinal Surgery in China: A Multicenter Prospective Study. Journal of Surgical Research. 2019;240;206-218	2
4610	T. A. L. Lawrie, H.Lu, D.Dowswell, T.Song, H.Wang, L.Shi, G., Robot-assisted surgery in gynaecology. Cochrane Database of Systematic Reviews. 2019;4;CD011422	8
4611	B. V. Szeto, E. A.Ruiz, K.Tokita, H.Vickers, A.Assel, M.Simon, B. A.Twersky, R. S., Outcomes and Safety Among Patients With Obstructive Sleep Apnea Undergoing Cancer Surgery Procedures in a Freestanding Ambulatory Surgical Facility. Anesthesia & Analgesia. 2019;129;360-368	2
4612	Z. Z. Z. Wang, G. D.Zhao, Z. M.Gao, Y. X.Xu, Y.Yin, Z. Z.Liu, Q.Lau, W. Y.Liu, R., An end-to-end pancreatic anastomosis in robotic central pancreatectomy. World Journal of Surgical Oncology. 2019;17;67	5

4613	T. C. F.-L. Geraci, D.Kent, A.Michaud, G.Zervos, M.Pass, H. I.Cerfolio, R. J., Technique, Outcomes With Navigational Bronchoscopy Using Indocyanine Green for Robotic Segmentectomy. Annals of Thoracic Surgery. 2019;108;363-369	3
4614	K. R. D. MacKenzie, J.Harding, C.Aning, J. J., Patient-reported outcomes and urodynamic findings in men with persistent lower urinary tract symptoms following robot-assisted radical prostatectomy. Neurourology & Urodynamics. 2019;38;1353-1362	5
4615	F. C. Porpiglia, E.Amparore, D.Manfredi, M.Massa, F.Piazzolla, P.Manfrin, D.Piana, A.Tota, D.Bollito, E.Fiori, C., Three-dimensional Elastic Augmented-reality Robot-assisted Radical Prostatectomy Using Hyperaccuracy Three-dimensional Reconstruction Technology: A Step Further in the Identification of Capsular Involvement. European Urology. 2019;76;505-514	3
4616	A. D. N. Larcher, G.Turri, F.Dell'Oglio, P.Capitanio, U.Collins, J. W.Wiklund, P.Van Der Poel, H.Montorsi, F.Mottrie, A.Erus Educational Working Groupthe Young Academic Urologist Working Group on Robot-assisted, Surgery, The ERUS Curriculum for Robot-assisted Partial Nephrectomy: Structure Definition and Pilot Clinical Validation. European Urology. 2019;75;1023-1031	2
4617	C. S. L. Lai, C. T.Liu, S. A.Tsai, Y. C.Chen, Y. W.Chen, I. C., Robot-assisted microvascular anastomosis in head and neck free flap reconstruction: Preliminary experiences and results. Microsurgery. 2019;39;715-720	5
4618	E. R. P. d. B. Collette, M. A.Klaver, S. O.Vis, A. N.Kliffen, M., Partial versus complete prostatectomy specimen sampling: prospective non-inferiority study for pT3a tumours and surgical margin involvement. BMJ Open. 2019;9;e024524	2
4619	M. T. Kanehira, R.Ishii, S.Ito, A.Ikarashi, D.Matsuura, T.Kato, Y.Obara, W., Predictive factors for short-term biochemical recurrence-free survival after robot-assisted laparoscopic radical prostatectomy in high-risk prostate cancer patients. International Journal of Clinical Oncology. 2019;24;1099-1104	5
4620	A. D. Saracino, A.Staderini, F.Boushaki, M. N.Cianchi, F.Menciassi, A.Sinibaldi, E., Haptic feedback in the da Vinci Research Kit (dVRK): A user study based on grasping, palpation, and incision tasks. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1999	2
4621	R. E. T. Ashton, G. A.Robson, W. A.Saxton, J. M.Aning, J. J., Cross-sectional study of patient-reported fatigue, physical activity and cardiovascular status in men after robotic-assisted radical prostatectomy. Supportive Care in Cancer. 2019;27;4763-4770	3
4622	E. M. A.-M. Myers, B. L.Fasano, H. T.Vilasagar, S.Tarr, M. E., Robotic Sacrocolpopexy Simulation Model and Associated Hierarchical Task Analysis. Obstetrics & Gynecology. 2019;133;905-909	2
4623	F. M. Gokcal, S.Kudsi, O. Y., Short-term comparison between preperitoneal and intraperitoneal onlay mesh placement in robotic ventral hernia repair. Hernia. 2019;23;957-967	3
4624	J. G. Kaouk, J.Eltemamy, M.Bertolo, R., Single-port Robotic Intracorporeal Ileal Conduit Urinary Diversion During Radical Cystectomy Using the SP Surgical System: Step-by-step Technique. Urology. 2019;130;196-200	5
4625	M. A. Gomez Ruiz, S.Becker, T.Bergmann, M.Boggi, U.Collins, J.Figueiredo, N.Gogenur, I.Matzel, K.Miskovic, D.Parvaiz, A.Pratschke, J.Rivera Castellano, J.Qureshi, T.Svendsen, L. B.Tekkis, P.Vaz, C., Expert consensus on a train-the-trainer curriculum for robotic colorectal surgery. Colorectal Disease. 2019;21;903-908	1

4626	R. C. S. Marchand, N.Anis, H. K.Ehiorobo, J.Newman, J. M.Taylor, K.Condrey, C.Hepinstall, M. S.Mont, M. A., One-Year Patient Outcomes for Robotic-Arm-Assisted versus Manual Total Knee Arthroplasty. The Journal of Knee Surgery. 2019;32;1063-1068	12
4627	Q. Y. T. Yang, J. Y., Application of robot-assisted laparoscopic pelvic exenteration in treating gynecologic malignancies. Chinese Medical Journal. 2019;132;976-979	8
4628	S. G. Dabas, K.Ranjan, R.Sharma, A. K.Shukla, H., Oncological outcome following TORS in HPV negative supraglottic carcinoma. Indian Journal of Cancer. 2019;56;44818	2
4629	W. H. Y. Liu, P. J.Hu, D. P.Jin, P. H.Lv, Y. C.Liu, R.Yang, X. F.Yang, K. H.Guo, T. K., Short-Term Outcomes of Robotic versus Laparoscopic Total Mesorectal Excision for Rectal Cancer: A Cohort Study. American Surgeon. 2019;85;294-302	12
4630	C. M. Marzorati, D.Mazzocco, K.Pavan, F.Cozzi, G.De Cobelli, O.Monturano, M.Pravettoni, G., Predicting trajectories of recovery in prostate cancer patients undergone Robot-Assisted Radical Prostatectomy (RARP). PLoS ONE [Electronic Resource]. 2019;14;e0214682	5
4631	J. S. H. Yang, B.Tian, F.Liu, T. J.Liu, P.Zhang, J. N.Liu, S. C.Tuo, Y.Chu, L.Hao, D. J., Accuracy of Robot-Assisted Percutaneous Pedicle Screw Placement for Treatment of Lumbar Spondylolisthesis: A Comparative Cohort Study. Medical Science Monitor. 2019;25;2479-2487	12
4632	A. H. S. You, Y.Kim, D. H.Suh, J.Baek, J. W.Han, D. W., Effects of positive end-expiratory pressure on intraocular pressure and optic nerve sheath diameter in robot-assisted laparoscopic radical prostatectomy: A randomized, clinical trial. Medicine. 2019;98;e15051	5
4633	P. S. G. Moscatiello, M. D.Carracedo Calvo, D., Role of robotic surgery in functional urology. Archivos Espanoles de Urologia. 2019;72;326-335	3
4634	L. G. B. Medina, W.Hernandez, A.Rajarubendra, N.Winter, M.Ashrafi, A. N.Tafuri, A.Cacciamani, G. E.Sotelo, R., Robotic intracorporeal ileal conduit: Technical aspects. Archivos Espanoles de Urologia. 2019;72;299-308	5
4635	B. H. L. Dias, A.Dell'Oglio, P.Montorsi, F.El Khoury, F.D'Hondt, F.Schatteman, P.De Naeyer, G.Mottrie, A., What's new in robotic partial nephrectomy. Archivos Espanoles de Urologia. 2019;72;283-292	8
4636	E. O.-P. Linares Espinos, G.Martinez-Salamanca, J. I., Salvage robot-assisted radical prostatectomy following failed local treatments. Archivos Espanoles de Urologia. 2019;72;277-282	5
4637	I. L. Moncada, I.Ascencios, J.Krishnappa, P.Subira, D., Complications of robot assisted radical prostatectomy. Archivos Espanoles de Urologia. 2019;72;266-276	5
4638	S. G. Secco, A.Barbieri, M.Piccinelli, M.Di Trapani, D.Napoli, G.Strada, E.Petralia, G.Bocciardi, A. M., Technical features and the demonstrated advantages of the Retzius sparing robotic prostatectomy. Archivos Espanoles de Urologia. 2019;72;247-256	3
4639	I. A. V.-F. Martinez-Alonso, R. A.Padron-Lucio, S.Campos Salcedo, J. G.Gutierrez-Aceves, J.Cathelineau, X.Sanchez-Salas, R., Robotic-assisted radical prostatectomy: The teaching. Archivos Espanoles de Urologia. 2019;72;239-246	5
4640	J. G. G.-Q. Pereira-Arias, M.Sanchez-Vazquez, A.Mora-Christian, J. A.Urdaneta-Salegui, L. F.Astobieta-Odriozola, A.Ibarluzea-Gonzalez, G., How to build a robotic program. Archivos Espanoles de Urologia. 2019;72;227-238	5
4641	G. Ogaya-Pinies, Current status of robotic surgery in urology. Archivos Espanoles de Urologia. 2019;72;225-226	3

4642	K. C. Yang, M.Roh, C. K.Seo, W. J.Choi, S.Son, T.Kim, H. I.Hyung, W. J., Robotic spleen-preserving splenic hilar lymph node dissection during total gastrectomy for gastric cancer. Surgical Endoscopy. 2019;33;2357-2363	3
4643	A. L. G. Lightner, F.McKenna, N. P.Tilman, M.Alsughayer, A.Kelley, S. R.Behm, K.Merchea, A.Larson, D. W., Short-term postoperative outcomes following robotic versus laparoscopic ileal pouch-anal anastomosis are equivalent. Techniques in Coloproctology. 2019;23;259-266	12
4644	R. O. Chen, H. B.Parameswaran, R.Gorelik, A.Miller, J. A., Practice Patterns in Parathyroid Surgery: A Survey of Asia-Pacific Parathyroid Surgeons. World Journal of Surgery. 2019;43;1964-1971	2
4645	S. V. S. Berelavichus, V. Y.Son, A. I.Kriger, A. G., [Surgical treatment of neurofibromatosis type I followed by retroperitoneal tumor (in Russian only)]. Khirurgiia. 2019;;44695	2
4646	J. H. B. Egberts, M.Perez, D. R.Mees, S. T.Grimminger, P. P.Muller-Stich, B. P.Stein, H.Fuchs, H.Bruns, C. J.Hackert, T.Lang, H.Pratschke, J.Izbicki, J.Weitz, J.Becker, T., Robot-Assisted Oesophagectomy: Recommendations Towards a Standardised Ivor Lewis Procedure. Journal of Gastrointestinal Surgery. 2019;23;1485-1492	8
4647	F. R. Mineo Bianchi, D.D'Agostino, D.Salvaggio, A.Giampaoli, M.Corsi, P.Bianchi, L.Borghesi, M.Schiavina, R.Brunocilla, E.Wiklund, P.Porreca, A., Posterior muscle-fascial reconstruction and knotless urethro-neo bladder anastomosis during robot-assisted radical cystectomy: Description of the technique and its impact on urinary continence. Archivio Italiano di Urologia, Andrologia. 2019;91;44691	5
4648	E. M. Mazzone, F. A.Knipper, S.Tian, Z.Larcher, A.Widmer, H.Zorn, K.Capitanio, U.Graefen, M.Montorsi, F.Shariat, S. F.Saad, F.Briganti, A.Karakiewicz, P. I., Contemporary National Assessment of Robot-Assisted Surgery Rates and Total Hospital Charges for Major Surgical Uro-Oncological Procedures in the United States. Journal of Endourology. 2019;33;438-447	4
4649	S. N. Miyachi, Y.Hironaka, T.Kawaguchi, R.Ohshima, T.Matsuo, N.Maejima, R.Takayasu, M., Novel Operation Support Robot with Sensory-Motor Feedback System for Neuroendovascular Intervention. World Neurosurgery. 2019;127;e617-e623	3
4650	F. J. Poelaert, S.Roumeguere, T.Ameye, F.De Coster, G.Dekuyper, P.Quackels, T.Van Cleynenbreugel, B.Van Damme, N.Van Eycken, E.Mottrie, A.Lumen, N.Belgian, Ralp Consortium, Current Management of pT3b Prostate Cancer After Robot-assisted Laparoscopic Prostatectomy. European Urology Oncology. 2019;2;110-117	3
4651	H. Q. Qin, X.Ma, H.Xu, L.Xu, L.Li, X.Guo, H., Predictors for immediate recovery of continence following Retzius-sparing robot-assisted radical prostatectomy: a case-control study. International Urology & Nephrology. 2019;51;825-830	5
4652	M. S. Antico, F.Wu, L.Jaiprakash, A.Roberts, J.Crawford, R.Pandey, A. K.Fontanarosa, D., Ultrasound guidance in minimally invasive robotic procedures. Medical Image Analysis. 2019;54;149-167	3
4653	A. B. Bresolin, G.Bianchi, L. C.Bonfanti, P.Eulisse, M.Fovanna, D.Maldera, A.Martinotti, A. S.Papa, S.Redaelli, I.Rocco, D.Secondi, G.Zanetti, I. B.Bergantin, A., Localization accuracy of robotic radiosurgery in 1-view tracking. Physica Medica. 2019;59;47-54	1
4654	A. K. Haese, S.Isbarn, H.Heinzer, H.Tilki, D.Salomon, G.Michl, U.Steuber, T.Budaus, L.Maurer, T.Tennstedt, P.Huland, H.Graefen, M., A comparative study of robot-assisted and open radical prostatectomy in 10 790 men treated by highly trained surgeons for both procedures. BJU International. 2019;123;1031-1040	12

4655	F. S. K. van Zanten, S. E.O'Sullivan, O. E.Lenters, E.Broeders, I.O'Reilly, B. A., Robot-assisted surgery for the management of apical prolapse: a bi-centre prospective cohort study. BJOG: An International Journal of Obstetrics & Gynaecology. 2019;126;1065-1073	3
4656	D. A. Turiani Hourneaux de Moura, H.Jirapinyo, P.Farias, G.Hathorn, K. E.Bazarbashi, A.Sachdev, A.Thompson, C. C., Robot-assisted endoscopic submucosal dissection versus conventional ESD for colorectal lesions: outcomes of a randomized pilot study in endoscopists without prior ESD experience (with video). Gastrointestinal Endoscopy. 2019;90;290-298	7
4657	B. S. Wilkie, Z.Hiscock, R.Wickramasinghe, N.Warrier, S.Smart, P., Robotic colorectal surgery in Australia: a cohort study examining clinical outcomes and cost. Australian Health Review. 2019;43;526-530	5
4658	T. N. Ojima, M.Nakamori, M.Hayata, K.Katsuda, M.Maruoka, S.Yamaue, H., Robotic radical lymphadenectomy without touching the pancreas during gastrectomy for gastric cancer. Medicine. 2019;98;e15091	12
4659	D. L. Liu, J.He, P.Tang, C.Lei, X.Jiang, Q.Li, T., Short- and long-term outcomes of totally robotic versus robotic-assisted right hemicolectomy for colon cancer: A retrospective study. Medicine. 2019;98;e15028	3
4660	G. U. S. Roh, Y.Park, J.Ki, Y. M.Han, D. W., Effects of propofol on the inflammatory response during robot-assisted laparoscopic radical prostatectomy: a prospective randomized controlled study. Scientific Reports. 2019;9;5242	3
4661	Z. F. Z. Glenn, M.Hussain, L.Grannan, K., Comparison of pulmonary lobectomies using robotic and video-assisted thoracoscopic approaches: results from 2010-2013 National Inpatient Sample. Journal of Cardiovascular Surgery. 2019;60;526-531	13
4662	K. I. Dretakis, V. G., Outcomes of robotic-arm-assisted medial unicompartmental knee arthroplasty: minimum 3-year follow-up. European journal of orthopaedic surgery & traumatologie. 2019;29;1305-1311	3
4663	L. W. Shen, S.Dai, W.Zhang, Z., Detecting the Interdisciplinary Nature and Topic Hotspots of Robotics in Surgery: Social Network Analysis and Bibliometric Study. Journal of Medical Internet Research. 2019;21;e12625	3
4664	S. B. Puliatti, L.Pirola, G. M.Azzoni, P.Bevilacqua, L.Eissa, A.Elsherbiny, A.Sighinolfi, M. C.Chester, J.Kaleci, S.Rocco, B.Micali, S.Bagni, I.Bonetti, L. R.Maiorana, A.Malvehy, J.Longo, C.Montironi, R.Bianchi, G.Pellacani, G., Ex vivo fluorescence confocal microscopy: the first application for real-time pathological examination of prostatic tissue. BJU International. 2019;124;469-476	2
4665	J. D. Z. Beane, M.Hamad, A.Hogg, M. E.Zeh, H. J., 3rdZureikat, A. H., Robotic pancreatoduodenectomy with vascular resection: Outcomes and learning curve. Surgery. 2019;166;44787	5
4666	W. Z. Jiao, Y.Qiu, T.Xuan, Y.Sun, X.Qin, Y.Liu, A.Sui, T.Cui, J., Robotic Bronchial Sleeve Lobectomy for Central Lung Tumors: Technique and Outcome. Annals of Thoracic Surgery. 2019;108;211-218	3
4667	J. H. K. Lonner, G. J., Low rate of iatrogenic complications during unicompartmental knee arthroplasty with two semiautonomous robotic systems. Knee. 2019;26;745-749	3
4668	A. S. Rozenholc, V.Warkus, T.Gauthier, P.Provencher, D.Sauthier, P.Gauthier, F.Drakopoulos, P.Cormier, B., Green versus blue: Randomized controlled trial comparing indocyanine green with methylene blue for sentinel lymph node detection in endometrial cancer. Gynecologic Oncology. 2019;153;500-504	2

4669	F. W. Qi, S.Xu, H.Gao, Y.Cheng, G.Hua, L., A comparison of perioperative outcome between robot-assisted and laparoscopic radical prostatectomy: experience of a single institution. International Braz J Urol. 2019;45;695-702	12
4670	Q. K. Ma, E.Wang, J.Hara, K.Suenaga, H.Sakuma, I.Masamune, K., Development and preliminary evaluation of an autonomous surgical system for oral and maxillofacial surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1997	2
4671	S. W. W. Hu, C. C.Chen, K. C.Ho, C. H., Modified U-Shaped ileal neobladder designed for facilitating neobladder-urethral anastomosis in extracorporeal reconstruction after robotic-assisted radical cystectomy. Journal of Cancer Research & Therapeutics. 2019;15;S51-S55	3
4672	D. H. A. Hirpara, A.Mulcahy, V.Le Souder, E.O'Brien, C.Chadi, S. A.Quereshy, F. A., The impact of surgical modality on self-reported body image, quality of life and survivorship after anterior resection for colorectal cancer - a mixed methods study. Canadian Journal of Surgery. 2019;62;235-242	2
4673	A. P. Abiri, J.Tao, A.Ma, J.Juo, Y. Y.Askari, S. J.Bisley, J.Rosen, J.Dutson, E. P.Grundfest, W. S., Multi-Modal Haptic Feedback for Grip Force Reduction in Robotic Surgery. Scientific Reports. 2019;9;5016	3
4674	D. V. Congnard, S.Lahjaouzi, A.Neau, A. C.Chaize, C.Estebe, J. P.Mathieu, R.Beloeil, H., Outpatient Robot-assisted Radical Prostatectomy: A Feasibility Study. Urology. 2019;128;16-22	5
4675	T. L. L. Yang, H.Holsinger, F. C.Koh, Y. W., Submandibular gland resection via the trans-hairline approach: A preclinical study of a novel flexible single-port surgical system and the surgical experiences of standard multiarm robotic surgical systems. Head & Neck. 2019;41;2231-2238	3
4676	S. R. P. Jackson, M. I., Robotic Surgery Research in Urology: A Bibliometric Analysis of Field and Top 100 Articles. Journal of Endourology. 2019;33;389-395	3
4677	T. Y. L. Shin, Y. S., Detrusorrhaphy during Robot-Assisted Radical Prostatectomy: Early Recovery of Urinary Continence and Surgical Technique. BioMed Research International. 2019;2019;1528142	3
4678	N. K. Sodhi, A.Ehiorobo, J. O.Condrey, C.Marchand, K.Marchand, R. C.Hepinstall, M. S.Mont, M. A., Robotic-Assisted Total Knee Arthroplasty in the Presence of Extra-Articular Deformity. Surgical Technology International. 2019;34;497-502	3
4679	S. W. K. Hollander, H. J.Hess, S.Merscher, A.Glanemann, M.Birk, D., Benefits of Robotic Camera Assistance in Minimally Invasive Bariatric Procedures: Prospective Clinical Trial Using a Joystick-Guided Camera-Holder. Surgical Technology International. 2019;34;87-92	3
4680	B. K. P. L. Goh, T. Y.Teo, J. Y.Lee, S. Y.Chan, C. Y.Chung, A. Y. F.Ooi, Llpj, Initial single institution experience with robotic biliary surgery and bilio-enteric anastomosis in southeast Asia. ANZ Journal of Surgery. 2019;89;E142-E146	5
4681	C. P. He, N.Ebrahimi, A.Kobilarov, M.Iordachita, I., Preliminary study of an RNN-based active interventional robotic system (AIRS) in retinal microsurgery. International Journal of Computer Assisted Radiology & Surgery. 2019;14;945-954	1
4682	S. P. Alessi, P.Summers, P.Femia, M.Tagliabue, E.Renne, G.Bianchi, R.Musi, G.De Cobelli, O.Jereczek-Fossa, B. A.Bellomi, M.Petralia, G., Low PI-RADS assessment category excludes extraprostatic extension (>=pT3a) of prostate cancer: a histology-validated study including 301 operated patients. European Radiology. 2019;29;5478-5487	2
4683	F. T. Li, R.Bauer, G.Yousef, M. S.Hotter, B.Swierzy, M.McAleenan, A.Ismail, M.Meisel, A.Rueckert, J. C., Results of Robotic Thymectomy Performed in Myasthenia Gravis Patients Older Than 60 Years at Onset. Annals of Thoracic Surgery. 2019;108;912-919	3

4684	Y. K. Nakamura, M.Ito, Y.Masuda, T.Nishijima, S.Hirano, T.Hisasue, S., Left Internal Thoracic Artery Graft Assessment by Firefly Fluorescence Imaging for Robot-Assisted Minimally Invasive Direct Coronary Artery Bypass. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2019;14;144-150	5
4685	Y. A. Uslu, Y.Ozercan, T.van Giersbergen, M. Y., The process of nurse adaptation to robotic surgery: A qualitative study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1996	3
4686	O. B. Ozkaptan, M.Sevinc, C.Karadeniz, T., An Open Radical Prostatectomy Approach that mimics the Technique of Robot-assisted Prostatectomy: A Comparison of Perioperative Outcomes. Urology Journal. 2019;16;168-173	2
4687	N. H. R. Azawi, M.Poulsen, J.Lund, L.Kromann-Andersen, B.Olsen, L. H., Robotic versus laparoscopic urological surgery: incidence of reoperation and complications. Scandinavian Journal of Urology. 2019;53;56-61	13
4688	Q. Z. Liu, R.Zhao, Z.Gao, Y.Zhao, G.Liu, R., Robotic versus open resection of benign nonadrenal retroperitoneal tumors: A propensity score-matched study. International Journal Of Surgery. 2019;65;19-24	13
4689	K. T. Bousabarah, S.Hoevels, M.Borggrefe, J.Baus, W. W.Ruess, D.Visser-Vandewalle, V.Ruge, M.Kocher, M.Treuer, H., Radiomic analysis of planning computed tomograms for predicting radiation-induced lung injury and outcome in lung cancer patients treated with robotic stereotactic body radiation therapy. Strahlentherapie und Onkologie. 2019;195;830-842	3
4690	K. H. L. T. Heung, R. K. Y.Lau, A. T. H.Li, Z., Robotic Glove with Soft-Elastic Composite Actuators for Assisting Activities of Daily Living. Soft Robotics. 2019;6;289-304	2
4691	K. E. S. McBride, D.Duncan, K.Bannon, P. G.Solomon, M. J., Knowledge and attitudes of theatre staff prior to the implementation of robotic-assisted surgery in the public sector. PLoS ONE [Electronic Resource]. 2019;14;e0213840	3
4692	M. C. Oderda, E.Gontero, P.Manetta, T.Mengozzi, G.Meyer, N.Munegato, S.Noll, E.Rampa, P.Piechaud, T.Diemunsch, P., The impact of warmed and humidified CO₂ insufflation during robotic radical prostatectomy: Results of a randomized controlled trial. Urologia (Treviso). 2019;86;130-140	3
4693	G. R. Quero, F.Ricci, R.Fiorillo, C.Giustiniani, M. C.Cina, C.Menghi, R.Doglietto, G. B.Alfieri, S., Open versus minimally invasive surgery for rectal cancer: a single-center cohort study on 237 consecutive patients. Updates in Surgery. 2019;71;493-504	2
4694	F. C. Grass, J.Mathis, K. L.Kelley, S. R.Larson, D. W., Feasibility and safety of robotic resection of complicated diverticular disease. Surgical Endoscopy. 2019;33;4171-4176	3
4695	P. S. Mathur, G.Tsang, K.Lobo, J.Salcudean, S., On the feasibility of transperineal 3D ultrasound image guidance for robotic radical prostatectomy. International Journal of Computer Assisted Radiology & Surgery. 2019;14;923-931	1
4696	X. L. Gu, C.Xiao, X.Lim, C. M.Ren, H., A Compliant Transoral Surgical Robotic System Based on a Parallel Flexible Mechanism. Annals of Biomedical Engineering. 2019;47;1329-1344	1
4697	B. J. C. Quiram, J.Grass, F.Lovely, J. K.Behm, K. T.Colibaseanu, D. T.Merchea, A.Kelley, S. R.Harmsen, W. S.Larson, D. W., Impact of enhanced recovery on oncological outcomes following minimally invasive surgery for rectal cancer. British Journal of Surgery. 2019;106;922-929	2
4698	C. A. Basatac, H., Robot-assisted Partial Nephrectomy with Segmental Renal Artery Clamping: A Single Center Experience. Urology Journal. 2019;16;469-474	5

4699	Q. Y. Z. Chen, Q.Zheng, C. H.Huang, C. M., Robotic spleen-preserving splenic hilar lymphadenectomy for advanced proximal gastric cancer: A feasible and simplified procedure. Surgical Oncology. 2019;28;67-68	5
4700	C. C. C. Zirafa, I.Ricciardi, S.Romano, G.Davini, F.Aprile, V.Melfi, F., Long-term oncologic results for robotic major lung resection in non-small cell lung cancer (NSCLC) patients. Surgical Oncology. 2019;28;223-227	3
4701	D. W. K. Doo, C. T.Griswold, L. H.McGwin, G.Huh, W. K.Leath, C. A., 3rdKim, K. H., Comparative outcomes between robotic and abdominal radical hysterectomy for IB1 cervical cancer: Results from a single high volume institution. Gynecologic Oncology. 2019;153;242-247	13
4702	T. T. Tsirlis, R.Sen, G.Logue, J.Robinson, S.French, J. J.White, S. A., Robotic fenestration of massive liver cysts using EndoWrist technology. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1994	3
4703	D. K. H. Halpern, R. S.Boinpally, H.Magadan-Alvarez, C.Petrone, P.Brathwaite, C. E. M., Ascending the Learning Curve of Robotic Abdominal Wall Reconstruction. Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Jan-Mar	5
4704	B. K. Potter, From Bench to Bedside: Robotics and Navigation in Orthopaedics-Rise of the Machines or Just Rising Costs?. Clinical Orthopaedics & Related Research. 2019;477;692-694	4
4705	Y. H. Zhang, Y.Gan, Q.Xiang, J.Jin, R.Chen, K.Che, J.Hang, J.Li, H., Early Outcomes of Robot-Assisted Versus Thoracoscopic-Assisted Ivor Lewis Esophagectomy for Esophageal Cancer: A Propensity Score-Matched Study. Annals of Surgical Oncology. 2019;26;1284-1291	13
4706	J. D. Lipskas, K.Yao, W., Robotic-Assisted 3D Bio-printing for Repairing Bone and Cartilage Defects through a Minimally Invasive Approach. Scientific Reports. 2019;9;3746	3
4707	Y. N. Endo, Y.Kuroda, M.Ito, Y.Hori, T., The Utility of a 3D Endoscope and Robot-Assisted System for MIDCAB. Annals of Thoracic & Cardiovascular Surgery. 2019;25;200-204	5
4708	S. S. Motoyama, Y.Wakita, A.Kawakita, Y.Nagaki, Y.Imai, K.Minamiya, Y., Extensive Lymph Node Dissection Around the Left Laryngeal Nerve Achieved With Robot-assisted Thoracoscopic Esophagectomy. Anticancer Research. 2019;39;1337-1342	13
4709	B. A. Gok, A. F.Canda, A. E.Asil, E.Koc, E.Ardicoglu, A.Balbay, M. D., Robotic Radical Cystectomy with Intracorporeal Studer Pouch Formation for Bladder Cancer: Experience in Ninety-Eight Cases. Journal of Endourology. 2019;33;375-382	3
4710	K. E. A. Riojas, P. L.Lathrop, R. A.Herrell, S. D.Rucker, D. C.Webster Iii, R. J., A Hand-Held Non-Robotic Surgical Tool With a Wrist and an Elbow. IEEE Transactions on Biomedical Engineering. 2019;66;3176-3184	3
4711	M. M. Piccoli, B.Gozzo, D.Colli, G.Pecchini, F.Nigro, C.Rochira, V., Evolution Strategies in Transaxillary Robotic Thyroidectomy: Considerations on the First 449 Cases Performed. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;433-440	3
4712	W. Wrightson, Robotic thoracic surgery: a support team to replace the bedside surgeon. Journal of Robotic Surgery. 2019;13;511-514	5
4713	S. J. L. Duan, H. S.Wu, W. C.Yang, K.Zhang, Z.Liu, S. D., Robot-assisted Percutaneous Cannulated Screw Fixation of Femoral Neck Fractures: Preliminary Clinical Results. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2019;11;34-41	12

4714	D. O. Walters, J.Patel, M.Reeves, R.Ang, L.Mahmud, E., Robotic-Assisted Percutaneous Coronary Intervention: Concept, Data, and Clinical Application. Interventional Cardiology Clinics. 2019;8;149-159	3
4715	N. T. Tandon, B. A.Friedman, E. R.Johnson, J. A.Von Allmen, G.Thomas, M. S.Hope, O. A.Kalamangalam, G. P.Slater, J. D.Thompson, S. A., Analysis of Morbidity and Outcomes Associated With Use of Subdural Grids vs Stereoelectroencephalography in Patients With Intractable Epilepsy. JAMA Neurology. 2019;76;672-681	12
4716	R. R. D. Sheldon, W. S.Weiss, J. B.Forte, D. M.Sohn, V. Y., Sage wisdom or anecdotal dictum? Equivalent opioid use after open, laparoscopic, and robotic inguinal hernia repair. American Journal of Surgery. 2019;217;839-842	2
4717	A. C. Antonelli, L.Sandri, M.Annino, F.Carini, M.Celia, A.D'Orta, C.De Concilio, B.Furlan, M.Giommoni, V.Ingrosso, M.Mari, A.Muto, G.Nucciotti, R.Porreca, A.Primiceri, G.Schips, L.Sessa, F.Simeone, C.Veccia, A.Minervini, A.Agile Group, Predictors of the Transition from Off to On Clamp Approach during Ongoing Robotic Partial Nephrectomy: Data from the CLOCK Randomized Clinical Trial. Journal of Urology. 2019;202;62-68	3
4718	C. A. Almeras, C., Operating room communication in robotic surgery: Place, modalities and evolution of a safe system of interaction. Journal of visceral surgery. 2019;156;397-403	3
4719	B. L. Chen, F.Grazi, L.Vitiello, N.Crea, S., Classification of Lifting Techniques for Application of A Robotic Hip Exoskeleton. Sensors. 2019;19;25	3
4720	J. D. Troccaz, G.Yang, G. Z., Frontiers of Medical Robotics: From Concept to Systems to Clinical Translation. Annual Review of Biomedical Engineering. 2019;21;193-218	3
4721	S. Y. J. Choi, H.You, D.Jeong, I. G.Song, C.Hong, B.Hong, J. H.Ahn, H.Kim, C. S., Robot-assisted partial nephrectomy is associated with early recovery of renal function: Comparison of open, laparoscopic, and robot-assisted partial nephrectomy using DTPA renal scintigraphy. Journal of Surgical Oncology. 2019;119;1016-1023	13
4722	P. J. S. Kneuertz, E.D'Souza, D. M.Abdel-Rasoul, M.Moffatt-Bruce, S. D.Merritt, R. E., Hospital cost and clinical effectiveness of robotic-assisted versus video-assisted thoracoscopic and open lobectomy: A propensity score-weighted comparison. Journal of Thoracic & Cardiovascular Surgery. 2019;157;2018-2026.e2	13
4723	J. N. F. Zhang, Y.Hao, D. J., Risk factors for robot-assisted spinal pedicle screw malposition. Scientific Reports. 2019;9;3025	5
4724	N. A. Ahmadi, A. N.Hartman, N.Shakir, A.Cacciamani, G. E.Freitas, D.Rajarubendra, N.Fay, C.Berger, A.Desai, M. M.Gill, I. S.Aron, M., Use of indocyanine green to minimise uretero-enteric strictures after robotic radical cystectomy. BJU International. 2019;124;302-307	3
4725	A. J. C. Hung, J.Ghodoussipour, S.Oh, P. J.Liu, Z.Nguyen, J.Purushotham, S.Gill, I. S.Liu, Y., A deep-learning model using automated performance metrics and clinical features to predict urinary continence recovery after robot-assisted radical prostatectomy. BJU International. 2019;124;487-495	2
4726	S. L. M. Jorgensen, O.Wu, C.Lund, K.Iachina, M.Korsholm, M.Jensen, P. T., Nationwide Introduction of Minimally Invasive Robotic Surgery for Early-Stage Endometrial Cancer and Its Association With Severe Complications. JAMA Surgery. 2019;154;530-538	3
4727	S. L. M. Jorgensen, O.Petersen, M. A.Wu, C. S.Jensen, P. T., New insights into early recovery after robotic surgery for endometrial cancer. Gynecologic Oncology. 2019;153;271-276	3
4728	T. M. Brueseke, C.Willis-Gray, M.Knight, S.Nieto, M. L.Geller, E., Analysis of Robotic Procedural Times Using Colpassist Versus End-to-End Anastomosis Sizer for Robotic-Assisted Sacrocolpopexy: A Randomized Controlled Trial. Female Pelvic Medicine & Reconstructive Surgery. 2019;25;e12-e17	3

4729	C. F. Eto, A. T.Smith, M.Advolodkina, P.Northington, G. M., Retrospective Cohort Study on the Perioperative Risk Factors for Transient Voiding Dysfunction After Apical Prolapse Repair. Female Pelvic Medicine & Reconstructive Surgery. 2019;25;167-171	12
4730	B. C. C. Smith, C. C.Kleeman, S. D.Yook, E.Pauls, R. N., Uterosacral Ligament Suspension Versus Robotic Sacrocolpopexy for Treatment of Apical Pelvic Organ Prolapse. Female Pelvic Medicine & Reconstructive Surgery. 2019;25;93-98	12
4731	C. A. P. Ferrando, M. F. R., A Prospective Randomized Trial Comparing Restorelle Y Mesh and Flat Mesh for Laparoscopic and Robotic-Assisted Laparoscopic Sacrocolpopexy. Female Pelvic Medicine & Reconstructive Surgery. 2019;25;83-87	3
4732	T. K. A. Yozgatli, E.Ozben, V.Bayram, O.Gurbuz, B.Baca, B.Balik, E.Hamzaoglu, I.Karahasanoglu, T.Bugra, D., Robotic Complete Mesocolic Excision Versus Conventional Laparoscopic Hemicolectomy for Right-Sided Colon Cancer. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;671-676	12
4733	B. K. P. L. Goh, T. Y.Kam, J. H.Lee, S. Y.Chan, C. Y., Initial experience with laparoscopic and robotic surgery for the treatment of periampullary tumours: single institution experience with the first 30 consecutive cases. ANZ Journal of Surgery. 2019;89;E137-E141	12
4734	A. R. Smith, O.Sidhom, M.Mancuso, P.Wong, K.Berry, M.Forstner, D.Bokey, L.Girgis, A., Robot or radiation? A qualitative study of the decision support needs of men with localised prostate cancer choosing between robotic prostatectomy and radiotherapy treatment. Patient Education & Counseling. 2019;102;1364-1372	3
4735	M. P. Mehta, Y. S.Yasufuku, K.Waddell, T. K.Shargall, Y.Fahim, C.Hanna, W. C., Near-infrared mapping with indocyanine green is associated with an increase in oncological margin length in minimally invasive segmentectomy. Journal of Thoracic & Cardiovascular Surgery. 2019;157;2029-2035	2
4736	I. F. Desideri, G.Carta, G. A.Di Cataldo, V.Masi, L.Meattini, I.Bonomo, P.Loi, M.Greto, D.Visani, L.Lo Russo, M.Grassi, R.Teriaca, M. A.Garlatti, P.Nardi, C.Livi, L., Efficacy and Tolerability of CyberKnife Stereotactic Robotic Radiotherapy for Primary or Secondary Orbital Lesions: A Single-Center Retrospective Experience. Technology in Cancer Research & Treatment. 2019;18;1533033818818560	3
4737	K. C. Matsuo, L.Mandelbaum, R. S.Melamed, A.Roman, L. D.Wright, J. D., Trachelectomy for reproductive-aged women with early-stage cervical cancer: minimally invasive surgery versus laparotomy. American Journal of Obstetrics & Gynecology. 2019;220;469.e1-469.e13	2
4738	M. K. Goel, K.Patkar, S.Kanetkar, A.Kurunkar, S., Robotic surgery for gallbladder cancer: Operative technique and early outcomes. Journal of Surgical Oncology. 2019;119;958-963	12
4739	M. C. Manfredi, E.Fiori, C.Garrou, D.Aimar, R.Amparore, D.De Luca, S.Bombaci, S.Stura, I.Migliaretti, G.Porpiglia, F., Total anatomical reconstruction during robot-assisted radical prostatectomy: focus on urinary continence recovery and related complications after 1000 procedures. BJU International. 2019;124;477-486	5
4740	M. C. Liu, J. E.Vandervoort, E., Geometrical tracking accuracy and appropriate PTV margins for robotic radiosurgery of liver lesions by SBRT. Acta Oncologica. 2019;58;906-915	3
4741	A. H. Alamdar, S.Farahmand, F.Behzadipour, S.Mirbagheri, A., A minimally invasive robotic surgery approach to perform totally endoscopic coronary artery bypass on beating hearts. Medical Hypotheses. 2019;124;76-83	3
4742	A. C. Boni, G.Del Zingaro, M.Paladini, A.Turco, M.Rossi de Vermandois, J. A.Mearini, E., Uroflow stop test with electromyography: a novel index of urinary continence recovery after RARP. International Urology & Nephrology. 2019;51;609-615	2

4743	F. P. Couture, S.Tholomier, C.Bondarenko, H. D.Karakiewicz, P. I.Nazzani, S.Preisser, F.El-Hakim, A.Zorn, K. C., Predictors of deviation in neurovascular bundle preservation during robotic prostatectomy. Canadian Journal of Urology. 2019;26;9644-9653	3
4744	C. Z. Thomas, S.Thomas, A.Dotzauer, R.Bartsch, G.Haferkamp, A.Tsaur, I., Development of symptomatic lymphoceles after radical prostatectomy and pelvic lymph node dissection is independent of surgical approach: a single-center analysis. International Urology & Nephrology. 2019;51;633-640	12
4745	D. V. VanSickle, V.Freeman, P.Henry, J.Baldwin, M.Fitzpatrick, C. K., Electrode Placement Accuracy in Robot-Assisted Asleep Deep Brain Stimulation. Annals of Biomedical Engineering. 2019;47;1212-1222	5
4746	A. I. J. Al Abbas, J. P.Rice, M. K.Zureikat, A. H.Zeh, H. J., 3rdHogg, M. E., Methodology for Developing an Educational and Research Video Library in Minimally Invasive Surgery. Journal of Surgical Education. 2019;76;745-755	2
4747	S. T. Feng, W.Sun, Y.Liu, Y.Wei, Y., Effect of Robot-Assisted Surgery on Lumbar Pedicle Screw Internal Fixation in Patients with Osteoporosis. World Neurosurgery. 2019;125;e1057-e1062	12
4748	C. N. J. Criss, M. D.Claflin, J.Matusko, N.Rooney, D. M., Evaluating a Solely Mechanical Articulating Laparoscopic Device: A Prospective Randomized Crossover Study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;542-550	2
4749	J. Y. K. You, H. Y.Chai, Y. J.Kim, H. K.Anuwong, A.Tufano, R. P.Dionigi, G., Transoral Robotic Thyroidectomy Versus Conventional Open Thyroidectomy: Comparative Analysis of Surgical Outcomes in Thyroid Malignancies. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;796-800	12
4750	M. R. Ershad, R.Majewicz Fey, A., Automatic and near real-time stylistic behavior assessment in robotic surgery. International Journal of Computer Assisted Radiology & Surgery. 2019;14;635-643	3
4751	F. A. Audenet, K.Giordano, M.Pfail, J.Lubin, M. A.Waingankar, N.Gainsburg, D.Badani, K. K.Sim, A.Sfakianos, J. P., Prospective implementation of a nonopioid protocol for patients undergoing robot-assisted radical cystectomy with extracorporeal urinary diversion. Urologic Oncology. 2019;37;300.e17-300.e23	5
4752	J. Y. Y. Wu, Q.Liu, Y. J.Sun, Y. Q.Zhang, Y.Tian, W., Robot-assisted Percutaneous Transfacet Screw Fixation Supplementing Oblique Lateral Interbody Fusion Procedure: Accuracy and Safety Evaluation of This Novel Minimally Invasive Technique. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2019;11;25-33	5
4753	V. P. Celentano, G.Coleman, M. G., Lack of online video educational resources for open colorectal surgery training. ANZ Journal of Surgery. 2019;89;180-183	2
4754	R. K. T. Orosco, K.Nakayama, M.Holsinger, F. C.Spriano, G., Transoral supraglottic laryngectomy using a next-generation single-port robotic surgical system. Head & Neck. 2019;41;2143-2147	1
4755	M. V. M. Marino, A.Guarrasi, D.Lupo, M.Komorowski, A. L., Robotic-assisted repair of iatrogenic common bile duct injury after laparoscopic cholecystectomy: Surgical technique and outcomes. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1992	5
4756	K. M. Hosoda, H.Ema, A.Ushiku, H.Washio, M.Song, I.Watanabe, M.Yamashita, K., Safety and Feasibility of Robotic Distal Gastrectomy for Stage IA Gastric Cancer: A Phase II Trial. Journal of Surgical Research. 2019;238;224-231	5
4757	F. M. Gokcal, S.Kudsi, O. Y., Robotic retromuscular ventral hernia repair and transversus abdominis release: short-term outcomes and risk factors associated with perioperative complications. Hernia. 2019;23;375-385	3

4758	K. C. Faraj, Y. H.Neville, M. R.Blodgett, G.Etzioni, D. A.Habermann, E. B.Andrews, P. E.Castle, E. P.Humphreys, M. R.Tyson, M. D., Robotic vs. open cystectomy: How length-of-stay differences relate conditionally to age. Urologic Oncology. 2019;37;354.e1-354.e8	13
4759	Y. N. Kadono, T.Kawaguchi, S.Sakamoto, J.Iwamoto, H.Yaegashi, H.Nakashima, K.Iijima, M.Shigehara, K.Izumi, K.Mizokami, A., Novel Prevention Procedure for Inguinal Hernia after Robot-Assisted Radical Prostatectomy: Results from a Prospective Randomized Trial. Journal of Endourology. 2019;33;302-308	5
4760	L. S. Masieri, S.Mari, A.Morselli, S.Tellini, R.Di Maida, F.Vignolini, G.Serni, S.Carini, M.Minervini, A., Robot-assisted pyeloplasty for ureteropelvic junction obstruction: experience from a tertiary referral center. Minerva Urologica e Nefrologica. 2019;71;168-173	5
4761	M. Z. Pinto, K. C.Tremblay, J. P.Desroches, J.Dallaire, F.Aubertin, K.Marple, E.Kent, C.Leblond, F.Trudel, D.Lesage, F., Integration of a Raman spectroscopy system to a robotic-assisted surgical system for real-time tissue characterization during radical prostatectomy procedures. Journal of Biomedical Optics. 2019;24;44571	3
4762	H. H. Gao, H.Ying, X.Kuang, J.Yan, J., Is Drainage Necessary for Robotic Thyroidectomy?. American Surgeon. 2019;85;e66-e68	3
4763	A. S. Gravetz, I.Wilfong, C.Patel, N.Spence, J.Ross, S.Rosemurgy, A., Single-Institution Early Experience and Learning Curve with Robotic Liver Resections. American Surgeon. 2019;85;115-119	5
4764	M. J. A. Adair, S.Ortiz, J.Qu, W.Baldawi, M.Nazzal, M.Baskara, A., Robotic Surgery Is More Expensive with Similar Outcomes in Sleeve Gastrectomy: Analysis of the NIS Database. American Surgeon. 2019;85;39-45	12
4765	A. T. S. Beksac, S.Xu, P.Gupta, A.Treacy, P. J.Weil, R.Mahajan, K.Prasad, S.Cumarasamy, S.Martini, A.Falagario, U.Rastinehad, A.Tewari, A. K., Downgrading of Grade Group After Radical Prostatectomy: Comparison of Multiparametric Magnetic Resonance Imaging Guided Fusion Biopsy and Standard 12-Core Biopsy. Urology. 2019;127;80-85	2
4766	E. C. J. Hwang, J. H.Borofsky, M.Kim, M. H.Dahm, P., Aquablation of the prostate for the treatment of lower urinary tract symptoms in men with benign prostatic hyperplasia. Cochrane Database of Systematic Reviews. 2019;2;CD013143	2
4767	R. Y. Cui, M. H.Chen, J. J.Qin, J.Yue, B.Luo, Y.Huang, Y. Z.Zhou, H.Zhong, M., Monopolar Electrosurgical Scissors Versus Harmonic Scalpel in Robotic Anterior Resection of Rectal Cancer: A Retrospective Cohort Study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;880-885	3
4768	J. W. Godzik, C. T.Hartman, C.de Andrada, B.Morgan, C. D.Mastorakos, G.Chang, S.Turner, J.Porter, R. W.Snyder, L.Uribe, J., A Quantitative Assessment of the Accuracy and Reliability of Robotically Guided Percutaneous Pedicle Screw Placement: Technique and Application Accuracy. Operative Neurosurgery. 2019;17;389-395	3
4769	C. A. T. Bravi, A.Vertosick, E.Mazzone, E.Martini, A.Dell'Oglio, P.Stabile, A.Gandaglia, G.Fossati, N.Suardi, N.Gallina, A.Briganti, A.Montorsi, F.Vickers, A., The Impact of Experience on the Risk of Surgical Margins and Biochemical Recurrence after Robot-Assisted Radical Prostatectomy: A Learning Curve Study. Journal of Urology. 2019;202;108-113	5
4770	J. M. Wong, T.Lakra, A.Cooper, H. J.Shah, R. P.Geller, J. A., Robotic-assisted unicompartmental knee replacement offers no early advantage over conventional unicompartmental knee replacement. Knee Surgery, Sports Traumatology, Arthroscopy. 2019;27;2303-2308	12

4771	P. J. M. M. Wijsman, L.Van't Hullenaar, C. D. P.van Vugt, B. S. T.Bleeker, W. A.Draaisma, W. A.Broeders, Iamj, Ergonomics in handheld and robot-assisted camera control: a randomized controlled trial. Surgical Endoscopy. 2019;33;3919-3925	7
4772	A. A. S. Sultan, L. T.Khlopas, A.Sodhi, N.Bhowmik-Stoker, M.Chen, A.Orozco, F.Kolisek, F.Mahoney, O.Smith, L.Malkani, A.Molloy, R. M.Mont, M. A., Robotic-Arm Assisted Total Knee Arthroplasty More Accurately Restored the Posterior Condylar Offset Ratio and the Insall-Salvati Index Compared to the Manual Technique; A Cohort-Matched Study. Surgical Technology International. 2019;34;409-413	12
4773	P. G. Rouanet, S.Gogenur, I.Jayne, D.Ulrich, A.Rautio, T.Spinoglio, G.Bouazza, N.Moussion, A.Gomez Ruiz, M., Rectal Surgery Evaluation Trial: protocol for a parallel cohort trial of outcomes using surgical techniques for total mesorectal excision with low anterior resection in high-risk rectal cancer patients. Colorectal Disease. 2019;21;516-522	2
4774	M. C. Shahait, R.Yezdani, M.Yu, S. J.Lee, A.McWilliams, K.Lee, D. I., Improved Outcomes Utilizing a Valveless-Trocar System during Robot-assisted Radical Prostatectomy (RARP). Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Jan-Mar	3
4775	H. W. Shen, C.Xie, L.Zhou, S.Gu, L.Xie, H., A novel robotic system for vascular intervention: principles, performances, and applications. International Journal of Computer Assisted Radiology & Surgery. 2019;14;671-683	3
4776	B. A. T. Johnson, M.Steinberg, R. L.Kosemund, M.Mueller, B.Gahan, J. C., Design and Validation of a Low-Cost, High-Fidelity Model for Urethrovesical Anastomosis in Radical Prostatectomy. Journal of Endourology. 2019;33;331-336	4
4777	U. A. M. Anele, M.Yang, B.Simone, G.Uzzo, R. G.Lau, C.Mir, M. C.Capitanio, U.Porter, J.Jacobsohn, K.de Luyk, N.Mari, A.Chang, K.Fiori, C.Sulek, J.Mottrie, A.White, W.Perdona, S.Quarto, G.Bindayi, A.Ashrafi, A.Schips, L.Berardinelli, F.Zhang, C.Gallucci, M.Ramirez-Backhaus, M.Larcher, A.Kilday, P.Liao, M.Langenstroer, P.Dasgupta, P.Challacombe, B.Kutikov, A.Minervini, A.Rha, K. H.Sundaram, C. P.Hampton, L. J.Porpiglia, F.Aron, M.Derweesh, I.Autorino, R., Robotic versus laparoscopic radical nephrectomy: a large multi-institutional analysis (ROSULA Collaborative Group). World Journal of Urology. 2019;37;2439-2450	13
4778	A. P. Antonelli, C.Noale, M.Porreca, A.Maggi, S.Simeone, C.Bassi, P.Bertoni, F.Bracarda, S.Buglione, M.Conti, G. N.Corvo, R.Gacci, M.Mirone, V.Montironi, R.Triggiani, L.Tubaro, A.Artibani, W.Pros, I. T. C. N. R. study group, Impact of Surgical Approach on Patient-Reported Outcomes after Radical Prostatectomy: A Propensity Score-Weighted Analysis from a Multicenter, Prospective, Observational Study (The Pros-IT CNR Study). Urologia Internationalis. 2019;103;44791	12
4779	L. H. Wei, A. A.Ma, Y.Azabdaftari, G.Ahmed, Y.Wong, L. P.Hu, Q.Luo, W.Cranwell, V. N.Bunch, B. L.Kozlowski, J. D.Singh, P. K.Glenn, S. T.Smith, G.Johnson, C. S.Liu, S.Guru, K. A., Accurate Quantification of Residual Cancer Cells in Pelvic Washing Reveals Association with Cancer Recurrence Following Robot-Assisted Radical Cystectomy. Journal of Urology. 2019;201;1105-1114	5
4780	J. E. S. Thompson, A. N.Tan, W. S.Freeman, A.Haider, A.Allen, C.Moore, C. M.Orczyk, C.Mazzon, G.Khetrapal, P.Shaw, G.Rajan, P.Mohammed, A.Briggs, T. P.Nathan, S.Kelly, J. D.Sooriakumaran, P., Pathological Findings and Magnetic Resonance Imaging Concordance at Salvage Radical Prostatectomy for Local Recurrence following Partial Ablation Using High Intensity Focused Ultrasound. Journal of Urology. 2019;201;1134-1143	2
4781	J. D. Jivraj, R.Lai, P.Chen, C.Nguyen, N.Ramjist, J.Yang, V. X. D., Robotic laser osteotomy through penscriptive structured light visual servoing. International Journal of Computer Assisted Radiology & Surgery. 2019;14;809-818	3

4782	G. B. Houvenaeghel, M.Rua, S.Barrou, J.Heinemann, M.Van Troy, A.Lambaudie, E.Cohen, M., Breast cancer robotic nipple sparing mastectomy: evaluation of several surgical procedures and learning curve. World Journal of Surgical Oncology. 2019;17;27	5
4783	A. S. Wallerstedt Lantz, J.Tyritzis, S. I.Bock, D.Wallin, D.Nilsson, H.Carlsson, S.Thorsteinsdottir, T.Gustafsson, O.Hugosson, J.Bjartell, A.Wiklund, P.Steineck, G.Haglind, E., 90-Day readmission after radical prostatectomy-a prospective comparison between robot-assisted and open surgery. Scandinavian Journal of Urology. 2019;53;26-33	12
4784	L. M. R. Rossi, A.Milder, M.de Klerck, E.Breedveld, S.Heijmen, B., Individualized automated planning for dose bath reduction in robotic radiosurgery for benign tumors. PLoS ONE [Electronic Resource]. 2019;14;e0210279	3
4785	C. C. Demirdag, S.Gevher, F.Simsekoglu, F.Yalcin, V., Trifecta Outcomes of Laparoscopic Partial Nephrectomy for T1a and T1b Renal Tumors: A Single-Center Experience in a Tertiary Care Institution. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;790-795	2
4786	M. A. O. C. Solis-Velasco, A. S.Stackhouse, K. A.Verkoulen, K.Watkins, A. A.Akhouri, V.Callery, M. P.Kent, T. S.James Moser, A., Transversus abdominis plane block reduces pain and narcotic consumption after robot-assisted distal pancreatectomy. HPB. 2019;21;1039-1045	5
4787	F. D. P. Dewaele, T.Kalmar, A.Pattyn, P.Van Herzeele, I.Mottrie, A.Van Nieuwenhove, Y.Van Roost, D., Is the Human Brain Capable of Controlling Seven Degrees of Freedom?. Journal of Surgical Research. 2019;238;44570	2
4788	K. I. L. Al-Abdullah, C. P.Najdovski, Z.Yassin, W., A model-based bone milling state identification method via force sensing for a robotic surgical system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1989	3
4789	D. P. Gorpas, J.Bec, J.Ma, D.Dochow, S.Yankelevich, D.Sorger, J.Popp, J.Bewley, A.Gandour-Edwards, R.Marcu, L.Farwell, D. G., Autofluorescence lifetime augmented reality as a means for real-time robotic surgery guidance in human patients. Scientific Reports. 2019;9;1187	3
4790	M. J. Y. Bott, S. C.Park, B. J.Adusumilli, P. S.Rusch, V. W.Isbell, J. M.Downey, R. J.Brahmer, J. R.Battafarano, R.Bush, E.Chaft, J.Forde, P. M.Jones, D. R.Broderick, S. R., Initial results of pulmonary resection after neoadjuvant nivolumab in patients with resectable non-small cell lung cancer. Journal of Thoracic & Cardiovascular Surgery. 2019;158;269-276	2
4791	A. F. Mangano, E.Gheza, F.Bustos, R.Chen, L. L.Masrur, M.Giulianotti, P. C., Near-Infrared Indocyanine Green-Enhanced Fluorescence and Evaluation of the Bowel Microperfusion During Robotic Colorectal Surgery: a Retrospective Original Paper. Surgical Technology International. 2019;34;93-100	3
4792	R. W. Schmitz, F.Barr, J.Scheidt, M.Saelzer, H.Darwich, I.Zani, S.Stephan, D., Robotic Inguinal Hernia Repair (TAPP) First Experience with the New Senhance Robotic System. Surgical Technology International. 2019;34;243-249	3
4793	H. S. D. Liu, S. J.Xin, F. Z.Zhang, Z.Wang, X. G.Liu, S. D., Robot-assisted Minimally-invasive Internal Fixation of Pelvic Ring Injuries: A Single-center Experience. Orthopaedic Audio-Synopsis Continuing Medical Education [Sound Recording]. 2019;11;42-51	5
4794	J. J. van den Bos, AchmMelenhorst, J.Breukink, S. O.Lenaerts, K.Schols, R. M.Bouvy, N. D.Stassen, L. P. S., Near-infrared fluorescence image-guidance in anastomotic colorectal cancer surgery and its relation to serum markers of anastomotic leakage: a clinical pilot study. Surgical Endoscopy. 2019;33;3766-3774	2
4795	S. C. Chalongwongse, S.Suthakorn, J., Analysis of Endonasal Endoscopic Transsphenoidal (EET) surgery pathway and workspace for path guiding robot design. Asian Journal of Surgery. 2019;42;814-822	1

4796	Q. H. Zhang, X. G.Xu, Y. F.Liu, Y. J.Liu, B.He, D.Sun, Y. Q.Tian, W., Robot-Assisted Versus Fluoroscopy-Guided Pedicle Screw Placement in Transforaminal Lumbar Interbody Fusion for Lumbar Degenerative Disease. World Neurosurgery. 2019;125;e429-e434	12
4797	R. A. Bertolo, J.Garisto, J.Armanyous, S.Fergany, A.Kaouk, J., Perioperative Outcomes and Complications after Robotic Radical Cystectomy With Intracorporeal or Extracorporeal Ileal Conduit Urinary Diversion: Head-to-head Comparison From a Single-Institutional Prospective Study. Urology. 2019;129;98-105	3
4798	V. C. S. O. Scott, J. L.Raz, S.Kim, J. H., Robot-assisted laparoscopic sacrocolpopexy with autologous fascia lata: technique and initial outcomes. International Urogynecology Journal. 2019;30;1965-1971	5
4799	A. M. Jacoby, S.Granieri, M. A.Cohen, O.Dy, G. W.Bluebond-Langner, R.Zhao, L. C., Robotic Davydov Peritoneal Flap Vaginoplasty for Augmentation of Vaginal Depth in Feminizing Vaginoplasty. Journal of Urology. 2019;201;1171-1176	3
4800	C. S. Lim, C.Tudisco, A.Ricci, C.Osseis, M.Napoli, N.Lahat, E.Boggi, U.Azoulay, D., Short- and Long-term Outcomes after Robotic and Laparoscopic Liver Resection for Malignancies: A Propensity Score-Matched Study. World Journal of Surgery. 2019;43;1594-1603	12
4801	C. Y. C. Wu, P. D.Chou, W. H.Liang, J. T.Huang, C. S.Wu, Y. M., Is robotic hepatectomy cost-effective? In view of patient-reported outcomes. Asian Journal of Surgery. 2019;42;543-550	12
4802	A. S. Shiva, S. M. H.Noh, Y.Fras, J.Ataka, A.Wurdemann, H.Hauser, H.Walker, I. D.Nanayakkara, T.Althoefer, K., Elasticity Versus Hyperelasticity Considerations in Quasistatic Modeling of a Soft Finger-Like Robotic Appendage for Real-Time Position and Force Estimation. Soft Robotics. 2019;6;228-249	3
4803	J. H. B. Kaouk, R., Single-site robotic platform in clinical practice: first cases in the USA. Minerva Urologica e Nefrologica. 2019;71;294-298	5
4804	C. K. Groeben, R.Baunacke, M.Borkowetz, A.Wirth, M. P.Huber, J., In-Hospital Outcomes after Radical Cystectomy for Bladder Cancer: Comparing National Trends in the United States and Germany from 2006 to 2014. Urologia Internationalis. 2019;102;284-292	2
4805	G. Z. Liu, H.Yang, M.Wang, R.Xiao, C.Wang, G.Wang, Y.Gao, C., Robotic mitral valve repair: 7-year surgical experience and mid-term follow-up results. Journal of Cardiovascular Surgery. 2019;60;406-412	3
4806	F. Z. Sun, R.Ma, W.He, H.Ye, L.Xu, D.Wang, W.Ning, G., Retrospective analysis of variant venous anatomy in 303 laparoscopic adrenalectomies and its clinical implications. Journal of Surgical Oncology. 2019;119;801-806	2
4807	S. R. K. Lee, H. O.Shin, J. H., Clinical outcomes of single-incision robotic cholecystectomy versus conventional 3-port laparoscopic cholecystectomy. Canadian Journal of Surgery. 2019;62;52-56	12
4808	F. W. Polat, L. H.Dogan, K.Rosman, C., The oncological and surgical safety of robot-assisted surgery in colorectal cancer: outcomes of a longitudinal prospective cohort study. Surgical Endoscopy. 2019;33;3644-3655	12
4809	R. G. Bertolo, J.Armanyous, S.Agudelo, J.Lioudis, M.Kaouk, J., Perioperative, oncological and functional outcomes after robotic partial nephrectomy vs. cryoablation in the elderly: A propensity score matched analysis. Urologic Oncology. 2019;37;294.e9-294.e15	13
4810	V. R. Tam, D. E.Al-Abbas, A.Borrebach, J.Dunn, S. A.Zureikat, A. H.Zeh, H. J., 3rdHogg, M. E., Robotic Inguinal Hernia Repair: A Large Health System's Experience With the First 300 Cases and Review of the Literature. Journal of Surgical Research. 2019;235;98-104	8

4811	Y. J. S. Seo, Y.Bailey, K. L.Aguayo, E.Chao, A.Shemin, R. J.Benharash, P., Outcomes and Resource Utilization in Robotic Mitral Valve Repair: Beyond the Learning Curve. Journal of Surgical Research. 2019;235;258-263	5
4812	Y. K. Sanaiha, H.Kavianpour, B.Yazdani, S.Gowland, L.Iyengar, A.Juo, Y. Y.Benharash, P., Impact of Approach and Hospital Volume on Cardiovascular Complications After Pulmonary Lobectomy. Journal of Surgical Research. 2019;235;202-209	2
4813	D. L. W. Sastow, R. S.Mauer, E.Chen, Y.Gaber-Baylis, L. K.Turnbull, Z. A., The Disparity of Care and Outcomes for Medicaid Patients Undergoing Colectomy. Journal of Surgical Research. 2019;235;190-201	2
4814	T. O. Koie, C.Makiyama, K.Shimazui, T.Miyagawa, T.Mizutani, K.Tsuchiya, T.Kato, T.Nakane, K., Utility of robot-assisted radical cystectomy with intracorporeal urinary diversion for muscle-invasive bladder cancer. International Journal of Urology. 2019;26;334-340	8
4815	F. G. F. Legnani, A.Mattei, L.Saladino, A.Casali, C.Prada, F.Perin, A.Cojazzi, V.Saini, M.Kronreif, G.Wolfsberger, S.DiMeco, F., Image-Guided Biopsy of Intracranial Lesions with a Small Robotic Device (iSYS1): A Prospective, Exploratory Pilot Study. Operative Neurosurgery. 2019;17;403-412	5
4816	H. H. N. Balkhy, S.Kitahara, H.McCrorey, M.Patel, B., Robotic Multivessel Endoscopic Coronary Bypass: Impact of a Beating-Heart Approach With Connectors. Annals of Thoracic Surgery. 2019;108;67-73	3
4817	W. S. Guan, Y.Qi, X.Hu, Y.Duan, C.Tao, H.Yang, X., Spinal biomechanics modeling and finite element analysis of surgical instrument interaction. Computer Assisted Surgery. 2019;24;151-159	2
4818	A. R. Wallace, M. V.Gundeti, M. S., Postoperative course following complex major pediatric urologic surgery: A single surgeon experience. Journal of Pediatric Surgery. 2019;54;2120-2124	2
4819	C. L. J. Cool, D. J.Seeger, K. A.Sodhi, N.Mont, M. A., A 90-day episode-of-care cost analysis of robotic-arm assisted total knee arthroplasty. Journal of Comparative Effectiveness Research. 2019;8;327-336	4
4820	F. C. L. Matassi, A.Innocenti, M.Zanna, L.Civinini, R.Innocenti, M., Total Knee Arthroplasty in Patients With Extra-Articular Deformity: Restoration of Mechanical Alignment Using Accelerometer-Based Navigation System. Journal of Arthroplasty. 2019;34;676-681	2
4821	A. R. Rosemurgy, S.Bourdeau, T.Craigg, D.Spence, J.Alvior, J.Sucandy, I., Robotic Pancreaticoduodenectomy Is the Future: Here and Now. Journal of the American College of Surgeons. 2019;228;613-624	5
4822	J. J. R. Aning, G. S.Fowler, S.Challacombe, B.McGrath, J. S.Sooriakumaran, P.Baus Section of Oncology, Perioperative and oncological outcomes of radical prostatectomy for high-risk prostate cancer in the UK: an analysis of surgeon-reported data. BJU International. 2019;124;441-448	2
4823	M. J. P. Lee, D. A.Lee, S. H., Utility after robot-assisted radical prostatectomy compared to conventional approaches for localized prostate cancer [socioeconomic perspective study]. Prostate Cancer & Prostatic Diseases. 2019;22;461-466	4
4824	F. A. G. Mistretta, A.Di Trapani, E.Di Trapani, D.Russo, A.Secco, S.Ferro, M.Musi, G.Bocciardi, A. M.de Cobelli, O., Robot assisted radical prostatectomy in kidney transplant recipients: surgical, oncological and functional outcomes of two different robotic approaches. International Braz J Urol. 2019;45;262-272	5
4825	C. C. H. Chiu, W. T.Choi, J. J.Galm, B.Lee, M. G.Chang, C. N.Liu, C. C.Lee, C. C., Comparison of outcome and cost between the open, laparoscopic, and robotic surgical treatments for colon cancer: a propensity score-matched analysis using nationwide hospital record database. Surgical Endoscopy. 2019;33;3757-3765	12

4826	L. G. Terrier, V.Marguet, F.Fontanilles, M.Derrey, S., Stereotactic brain biopsy: evaluation of robot-assisted procedure in 60 patients. Acta Neurochirurgica. 2019;161;545-552	5
4827	R. B. Sinha, R.Sanjay, M., Comparison of Robotic and Laparoscopic Hysterectomy for the Large Uterus. Journal of the Society of Laparoendoscopic Surgeons. 2019;23;Jan-Mar	13
4828	S. G. Huang, M. E.Murcy, M. A.Bamford, J. A.Kang, S. W.Randolph, G. W.Kandil, E., Somatosensory evoked potential: Preventing brachial plexus injury in transaxillary robotic surgery. Laryngoscope. 2019;129;2663-2668	3
4829	B. M. Gershman, P.Tilburt, J. C.Volk, R. J.Konety, B.Bennett, C. L.Kutikov, A.Smaldone, M. C.Chen, V.Kim, S. P., A national survey of radiation oncologists and urologists on prediction tools and nomograms for localized prostate cancer. World Journal of Urology. 2019;37;2099-2108	2
4830	W. J. R. Heerink, S. J. S.Pennings, J. P.Lansdorp, B.Vliegenthart, R.Oudkerk, M.de Jong, K. P., Robotic versus Freehand Needle Positioning in CT-guided Ablation of Liver Tumors: A Randomized Controlled Trial. Radiology. 2019;290;826-832	12
4831	S. S. Mehralivand, J. H.Harmon, S.Smith, C.Bloom, J.Czarniecki, M.Gold, S.Hale, G.Rayn, K.Merino, M. J.Wood, B. J.Pinto, P. A.Choyke, P. L.Turkbey, B., A Grading System for the Assessment of Risk of Extraprostatic Extension of Prostate Cancer at Multiparametric MRI. Radiology. 2019;290;709-719	2
4832	G. N. T. Moawad, P.Paek, J.Tappy, E. E.Park, D.Choussein, S.Srouji, S. S.Gargiulo, A., Comparison between single-site and multiport robot-assisted myomectomy. Journal of Robotic Surgery. 2019;13;757-764	3
4833	J. W. L. Collins, J.Stefanidis, D.Gallagher, A.Coleman, M.Cecil, T.Ericsson, A.Mottrie, A.Wiklund, P.Ahmed, K.Pratschke, J.Casali, G.Ghazi, A.Gomez, M.Hung, A.Arnold, A.Dunning, J.Martino, M.Vaz, C.Friedman, E.Baste, J. M.Bergamaschi, R.Feins, R.Earle, D.Pusic, M.Montgomery, O.Pugh, C.Satava, R. M., Utilising the Delphi Process to Develop a Proficiency-based Progression Train-the-trainer Course for Robotic Surgery Training. European Urology. 2019;75;775-785	3
4834	R. H. Martin, J.Soliman, M. K.Bastawrous, A. L.Cleary, R. K., Incorporating a Detailed Case Log System to Standardize Robotic Colon and Rectal Surgery Resident Training and Performance Evaluation. Journal of Surgical Education. 2019;76;1022-1029	1
4835	T. M. Baba, M.Nishi, H.Nishii, O.Kitawaki, J.Sawada, M.Isaka, K.Fujii, T., Early feasibility surveillance of gynecologic robotic-assisted surgeries in Japan. Journal of Obstetrics & Gynaecology Research. 2019;45;787-793	3
4836	C. Z. Yang, J.Lu, Z. X.Hao, Z.Wang, J.Zhang, L.Liang, C., Simultaneous treatment of ureteropelvic junction obstruction complicated by renal calculi with robotic laparoscopic surgery and flexible cystoscope. World Journal of Urology. 2019;37;2217-2223	3
4837	B. G. P. Anderson, A. M.Du, K.Vetter, J. M.Bergeron, K.Paradis, A. G.Figenshau, R. S., Comparing Off-clamp and On-clamp Robot-assisted Partial Nephrectomy: A Prospective Randomized Trial. Urology. 2019;126;102-109	3
4838	P. D. H. Chen, R. H.Liang, J. T.Huang, C. S.Wu, Y. M., Toward a fully robotic surgery: Performing robotic major liver resection with no table-side surgeon. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1985	3
4839	M. T. Lima, E.Di Salvo, N.Gargano, T.Ruggeri, G., Paediatric surgery in the robotic era: early experience and comparative analysis. Pediatria Medica e Chirurgica. 2019;41;18	3

4840	A. S. P. Tamhankar, S. R.Ojha, S. P.Ahluwalia, P.Gautam, G., Therapeutic supine robotic retroperitoneal lymph node dissection for post-chemotherapy residual masses in testicular cancer: technique and outcome analysis of initial experience. Journal of Robotic Surgery. 2019;13;747-756	3
4841	M. C. A. Ferroni, R., Feasibility of robot-assisted prostatectomy performed at ultra-low pneumoperitoneum pressure of 6 mmHg and comparison of clinical outcomes vs standard pressure of 15 mmHg. BJU International. 2019;124;308-313	3
4842	V. R. v. V. Johansson, A. C., Patient-reported extremity symptoms after robot-assisted laparoscopic cystectomy. Journal of Clinical Nursing. 2019;28;1708-1718	3
4843	M. Y. Shahait, M.Katz, B.Lee, A.Yu, S. J.Lee, D. I., Robot-Assisted Transversus Abdominis Plane Block: Description of the Technique and Comparative Analysis. Journal of Endourology. 2019;33;207-210	3
4844	L. S. Fracczak, M.Podsedkowski, L., Share control of surgery robot master manipulator guiding tool along the standard path. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1984	3
4845	T. Y. Takagi, K.Kondo, T.Kobayashi, H.Iizuka, J.Okumi, M.Ishida, H.Nagashima, Y.Tanabe, K., Peritumoral pseudocapsule status according to pathological characteristics from robot-assisted laparoscopic partial nephrectomy for localized renal cell carcinoma. International Journal of Urology. 2019;26;446-450	3
4846	E. G. Ruffini, F.Brunelli, A.Passani, S.Pellicano, D.Thomas, P.Van Raemdonck, D.Rocco, G.Venuta, F.Weder, W.Detterbeck, F.Falcoz, P. E., Report from the European Society of Thoracic Surgeons prospective thymic database 2017: a powerful resource for a collaborative global effort to manage thymic tumours. European Journal of Cardio-Thoracic Surgery. 2019;55;601-609	2
4847	B. K. Kayani, S.Thakrar, R. R.Huq, S. S.Haddad, F. S., Assuring the long-term total joint arthroplasty: a triad of variables. Bone & Joint Journal. 2019;101-B;44883	12
4848	K. C. Xu, Z.Jia, F., Unsupervised binocular depth prediction network for laparoscopic surgery. Computer Assisted Surgery. 2019;24;30-35	3
4849	S. C. Cakmak, A. E.Ener, K.Atmaca, A. F.Altinova, S.Balbay, M. D., Does Type 2 Diabetes Mellitus Have an Impact on Postoperative Early, Mid-Term and Late-Term Urinary Continence After Robot-Assisted Radical Prostatectomy?. Journal of Endourology. 2019;33;201-206	2
4850	C. M. Esposito, L.Blanc, T.Manzoni, G.Silay, S.Escolino, M., Robot-assisted laparoscopic pyeloplasty (RALP) in children with horseshoe kidneys: results of a multicentric study. World Journal of Urology. 2019;37;2257-2263	5
4851	I. Z. K. Kafka, S.Jaber, J.Chertin, B., Pediatric robotic-assisted laparoscopic pyeloplasty (RALP): does weight matter?. Pediatric Surgery International. 2019;35;391-396	13
4852	F. J.-R. Quezada-Diaz, R. M.Rawdon, K.Garcia-Aguilar, J., Fully Robotic Resection of a Splenic Flexure Tumor with Intracorporeal Anastomosis. Diseases of the Colon & Rectum. 2019;62;257	3
4853	J. A. U. Harold, D.Rader, J. S.Bishop, E.Nugent, M.Simpson, P.Bradley, W. H., Adipose-only sentinel lymph nodes: a finding during the adaptation of a sentinel lymph node mapping algorithm with indocyanine green in women with endometrial cancer. International Journal of Gynecological Cancer. 2019;29;53-59	2
4854	G. T. Moawad, P.Marfori, C.Abi Khalil, E.Park, D., Effect of postoperative partial bladder filling after minimally invasive hysterectomy on postanesthesia care unit discharge and cost: a single-blinded, randomized controlled trial. American Journal of Obstetrics & Gynecology. 2019;220;367.e1-367.e7	4
4855	C. J. S. Nycz, H. A.Suqui, K.Grosha, J.Fischer, G. S.Rolle, M. W., A Method for High-Throughput Robotic Assembly of Three-Dimensional Vascular Tissue. Tissue engineering. Part A.. 2019;25;1251-1260	3

4856	N. A. Haga, H.Hata, J.Hiraki, H.Honda, R.Tanji, R.Onagi, A.Koguchi, T.Hoshi, S.Ogawa, S.Kataoka, M.Sato, Y.Ishibashi, K.Kojima, Y., The association between local arteriosclerosis of the prostatic arteries and chronic inflammation in human benign prostatic enlargement. Prostate. 2019;79;574-582	2
4857	S. J. L. Lee, J. H.Lee, Y. J.Kim, S. C.Hwang, D. W.Song, K. B.Shin, S. H.Kwon, J. W.Park, G. S.Park, Y. J.Park, K. M., The feasibility of robotic left-side hepatectomy with comparison of laparoscopic and open approach: Consecutive series of single surgeon. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1982	12
4858	X. W. Liu, R. D., Optimization based trajectory planning for real-time 6DoF robotic patient motion compensation systems. PLoS ONE [Electronic Resource]. 2019;14;e0210385	3
4859	Y. A. Dai, A.Pensa, J.Liu, S.Paydar, O.Sohn, H.Sun, S.Pellionisz, P. A.Pensa, C.Dutson, E. P.Grundfest, W. S.Candler, R. N., Biaxial sensing suture breakage warning system for robotic surgery. Biomedical Microdevices. 2019;21;10	3
4860	L. T. Xia, R.Taylor, B. L.Shin, M. H.Berger, I. B.Sperling, C. D.Chelluri, R. R.Zambrano, I. A.Raman, J. D.Guzzo, T. J., National trends and disparities of minimally invasive surgery for localized renal cancer, 2010 to 2015. Urologic Oncology. 2019;37;182.e17-182.e27	2
4861	J. K. L. Kim, H.Oh, J. J.Lee, S.Hong, S. K.Lee, S. E.Byun, S. S., Comparison of robotic and open partial nephrectomy for highly complex renal tumors (RENAL nephrometry score >=10). PLoS ONE [Electronic Resource]. 2019;14;e0210413	13
4862	A. L. P. Ho, A. V.Brewster, R.Martinez, D. L.Jaffe, R. A.Xu, L. W.Miller, K. J.Halpern, C. H., Frameless Robot-Assisted Deep Brain Stimulation Surgery: An Initial Experience. Operative Neurosurgery. 2019;17;424-431	12
4863	A. E. S. Kahn, A. M.Ball, C. T.Thiel, D. D., Elimination of surgical drains following robotic-assisted partial nephrectomy. Journal of Robotic Surgery. 2019;13;741-745	3
4864	C. A. O. S. Green, P. S.Chern, H., A robotic teaching session: separating tool from technique to emphasize a cognitive focused teaching environment. Journal of Robotic Surgery. 2019;13;735-739	5
4865	J. S. Sui, N., Experimental Study of Thrust Force and Torque for Drilling Cortical Bone. Annals of Biomedical Engineering. 2019;47;802-812	2
4866	S. J. Lim, C.Chang, D.Petrisor, D.Han, M.Stoianovici, D., Robotic Transrectal Ultrasound Guided Prostate Biopsy. IEEE Transactions on Biomedical Engineering. 2019;66;2527-2537	3
4867	S. Q. Ghazanfar, S.Zubair, M.Fateh, U.Ahmed, S.Quraishy, M. S., Feasibility of robotic surgery in a developing country, a public sector Perspective. JPMA - Journal of the Pakistan Medical Association. 2019;69;44-48	3
4868	B. D. Seeliger, M.Ruurda, J. P.Konstantinidis, K. M.Marescaux, J.Swanstrom, L. L., Enabling single-site laparoscopy: the SPORT platform. Surgical Endoscopy. 2019;33;3696-3703	2
4869	H. K. Lee, H. J.Lee, S. E.Hong, S. K.Byun, S. S., Comparison of oncological and perioperative outcomes of open, laparoscopic, and robotic nephroureterectomy approaches in patients with non-metastatic upper-tract urothelial carcinoma. PLoS ONE [Electronic Resource]. 2019;14;e0210401	13
4870	K. K. Mukherjee, K. M., Variation in prostate surgery costs and outcomes in the USA: robot-assisted versus open radical prostatectomy. Journal of Comparative Effectiveness Research. 2019;8;143-155	12

4871	F. S. Nik-Ahd, C. P.Zhao, H.Houman, J.McClelland, L.Chughtai, B.Anger, J. T., Robotic urologic surgery: trends in litigation over the last decade. Journal of Robotic Surgery. 2019;13;729-734	5
4872	C. N.-A. Souders, F.Zhao, H.Eilber, K.Chugtai, B.Anger, J., Robotic sacrocolpopexy: adverse events reported to the FDA over the last decade. International Urogynecology Journal. 2019;30;1919-1923	5
4873	M. P. Fruscione, R.Baker, E. H.Cochran, A.Khan, A.Ocuin, L.Iannitti, D. A.Vrochides, D.Martinie, J. B., Robotic-assisted versus laparoscopic major liver resection: analysis of outcomes from a single center. HPB. 2019;21;906-911	12
4874	P. Y. G. Bondiau, J.Chapellier, C.Haudebourg, J.Courdi, A.Levy, J.Gerard, A.Sumodhee, S.Maurin, M.Chateau, Y.Barranger, E.Ferrero, J. M.Thariat, J., Robotic Stereotactic Boost in Early Breast Cancer, a Phase 2 Trial. International Journal of Radiation Oncology, Biology, Physics. 2019;103;374-380	3
4875	B. W. Zhao, R. S.Urman, R. D.Gabriel, R. A., A Machine Learning Approach to Predicting Case Duration for Robot-Assisted Surgery. Journal of Medical Systems. 2019;43;32	2
4876	M. H. Rincavage, L.Reddy, S.Sytsma, C.Prater, A.Brackbill, M., Pain control using liposomal bupivacaine versus bupivacaine for robotic assisted thoracic surgery. International Journal of Clinical Pharmacy. 2019;41;258-263	3
4877	K. B. Miller, D.Stante, G.Vemuri, C., Exploration of robotic-assisted surgical techniques in vascular surgery. Journal of Robotic Surgery. 2019;13;689-693	7
4878	A. J. W. B. Beulens, W. M.Van der Poel, H. G.Vis, A. N.van Basten, J. P.Meijer, R. P.Wijburg, C. J.Hendrikx, A. J. M.van Merrienboer, J. J. G.Wagner, C., Linking surgical skills to postoperative outcomes: a Delphi study on the robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2019;13;675-687	2
4879	C. H. C. Liao, W. H.Lee, C. H.Shen, S. C.Tsuei, Y. S., Treating cerebrovascular diseases in hybrid operating room equipped with a robotic angiographic fluoroscopy system: level of necessity and 5-year experiences. Acta Neurochirurgica. 2019;161;611-619	3
4880	S. K. Fukui, Y.Iemura, Y.Matsumura, Y.Samma, S., Postoperative cystogram findings predict recovery of urinary continence after robot-assisted laparoscopic radical prostatectomy. Luts. 2019;11;143-150	5
4881	L. A. Cindolo, A.Sandri, M.Annino, F.Celia, A.De Concilio, B.Giommoni, V.Nucciotti, R.Sessa, F.Porreca, A.Veccia, A.Schips, L.Minervini, A.Agile Group, The role of vascular clamping during robot-assisted partial nephrectomy for localized renal cancer: rationale and design of the CLOCK randomized phase III study. Minerva Urologica e Nefrologica. 2019;71;96-100	3
4882	M. E. D. Hagen, J.Douissard, J.Jung, M. K.Buehler, L.Aldenkortt, F.Barcelos, G. K.Morel, P., Early Experience with Intraoperative Leak Test Using a Blend of Methylene Blue and Indocyanine Green During Robotic Gastric Bypass Surgery. Obesity Surgery. 2019;29;949-952	3
4883	M. S. J. Kim, W. S.Chung, D. Y.Koh, D. H.Lee, J. S.Goh, H. J.Choi, Y. D., Effect of prostate gland weight on the surgical and oncological outcomes of extraperitoneal robot-assisted radical prostatectomy. BMC Urology. 2019;19;1	5
4884	M. C. Rohloff, A.Christensen, C.Maatman, T. K.Lindberg, J.Maatman, T. J., Reduction in postoperative ileus rates utilizing lower pressure pneumoperitoneum in robotic-assisted radical prostatectomy. Journal of Robotic Surgery. 2019;13;671-674	3
4885	H. W. B. Yu, I. E.Yi, J. W.Lee, J. H.Kim, S. J.Chai, Y. J.Choi, J. Y.Lee, K. E., The application of subcapsular saline injection during bilateral axillo-breast approach robotic thyroidectomy: a preliminary report. Surgery Today. 2019;49;420-426	3

4886	K. L. M. Bailey, N.Seo, Y. J.Elashoff, D.Benharash, P.Yanagawa, J., Short-Term Readmissions After Open, Thoracoscopic, and Robotic Lobectomy for Lung Cancer Based on the Nationwide Readmissions Database. World Journal of Surgery. 2019;43;1377-1384	13
4887	B. K. Kayani, S.Tahmassebi, J.Rowan, F. E.Haddad, F. S., An assessment of early functional rehabilitation and hospital discharge in conventional versus robotic-arm assisted unicompartmental knee arthroplasty: a prospective cohort study. Bone & Joint Journal. 2019;101-B;24-33	12
4888	J. D. K. Shirk, L.Saigal, C., The Use of 3-Dimensional, Virtual Reality Models for Surgical Planning of Robotic Partial Nephrectomy. Urology. 2019;125;92-97	3
4889	Y. S. Mitsui, T.Araki, M.Maruyama, Y.Nishimura, S.Wada, K.Kobayashi, Y.Watanabe, M.Watanabe, T.Nasu, Y., The 3-D Volumetric Measurement Including Resected Specimen for Predicting Renal Function AfterRobot-assisted Partial Nephrectomy. Urology. 2019;125;104-110	5
4890	R. G. Sindayigaya, M.Thebault, B.Dussart, D.Abou Mrad Fricquegnon, A.Piquard, A.Saint-Marc, O., Robot-Assisted Total Gastrectomy: Preliminary Evaluation. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;589-594	5
4891	D. J. Bai, F.Qi, F.Cao, Y.Wang, Y.Chen, B., A wearable vibrotactile system for distributed guidance in teleoperation and virtual environments. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2019;233;244-253	2
4892	C. H. Li, Y.Han, D.Chen, X.Chen, K.Cerfolio, R. J.Li, H., Robotic Approach to Combined Anatomic Pulmonary Subsegmentectomy: Technical Aspects and Early Results. Annals of Thoracic Surgery. 2019;107;1480-1486	3
4893	M. F. Selvaggio, G. A.Marrazzo, V. R.Bracale, U.Irace, A.Breglio, G.Villani, L.Siciliano, B.Ficuciello, F., The MUSHA underactuated hand for robot-aided minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1981	3
4894	J. O. R. Russell, C. R.Garstka, M. E.Chen, L. W.Vasiliou, E.Kang, S. W.Tufano, R. P.Kandil, E., Remote-Access Thyroidectomy: A Multi-Institutional North American Experience with Transaxillary, Robotic Facelift, and Transoral Endoscopic Vestibular Approaches. Journal of the American College of Surgeons. 2019;228;516-522	3
4895	M. J. C. Ban, E. H. E.Lee, D. Y.Park, J. H.Lee, C.Kim, D. H.Kim, J. H.Koh, Y. W., Analysis of neuromonitoring signal loss during retroauricular versus conventional thyroidectomy. Laryngoscope. 2019;129;2199-2204	2
4896	S. K. Miura, K.Kobayashi, Y.Fujie, M. G., Using Brain Activation to Evaluate Arrangements Aiding Hand-Eye Coordination in Surgical Robot Systems. IEEE Transactions on Biomedical Engineering. 2019;66;2352-2361	3
4897	Y. D. N. Yu, N. H.Ryu, H. Y.Hong, S. K.Byun, S. S.Lee, S., Predictors of renal function after open and robot-assisted partial nephrectomy: A propensity score-matched study. International Journal of Urology. 2019;26;377-384	13
4898	G. M. Iannella, G.Montevecchi, F.De Vito, A.Polimeni, A.De Vincentiis, M.Meccariello, G.D'Agostino, G.Gobbi, R.Cammaroto, G.Stomeo, F.Pang, K. P.Rotenberg, B.Vicini, C., Lingual tonsil lymphatic tissue regrowth in patients undergoing transoral robotic surgery. Laryngoscope. 2019;129;2652-2657	3
4899	Y. L. Zhang, S.Han, Y.Xiang, J.Cerfolio, R. J.Li, H., Robotic Anatomical Segmentectomy: An Analysis of the Learning Curve. Annals of Thoracic Surgery. 2019;107;1515-1522	5
4900	J. W. C. Lee, S. H.Chon, H. J.Kim, D. J.Kim, G.Kwon, C. I.Ko, K. H., Robotic transduodenal ampullectomy: A novel minimally invasive approach for ampullary neoplasms. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1979	3

4901	I. S. Faiena, A.Mendhiratta, N.Markovic, D.Ahuja, P.Hsu, W.Elashoff, D. A.Raman, S. S.Reiter, R. E., PI-RADS Version 2 Category on 3 Tesla Multiparametric Prostate Magnetic Resonance Imaging Predicts Oncologic Outcomes in Gleason 3 + 4 Prostate Cancer on Biopsy. Journal of Urology. 2019;201;91-97	2
4902	H. T. Li, S. J.Park, H. S.Yarbrough, W. G.Mehra, S.Choi, R.Judson, B. L., Clinical value of transoral robotic surgery: Nationwide results from the first 5 years of adoption. Laryngoscope. 2019;129;1844-1855	13
4903	A. C. Martini, S.Haines, K. G., IIITewari, A. K., An updated approach to incremental nerve sparing for robot-assisted radical prostatectomy. BJU International. 2019;124;103-108	5
4904	M. A. Gachabayov, G.Bergamaschi, R., Tying and Tearing in Robotic and Laparoscopic Intracorporeally Hand-Sewn Ileocolic Anastomoses. A Propensity Score-Matched Prospective Study. Surgical Technology International. 2019;34;163-168	4
4905	M. H. Nakayama, F. C.Orosco, R. K., Hybrid supracricoid partial laryngectomy with cricohyoidoepiglottopexy via transoral robotic surgery. Laryngoscope. 2019;129;2065-2070	3
4906	B. F. Yu, J. G.Tan, T., Probabilistic Kinematic Model of a Robotic Catheter for 3D Position Control. Soft Robotics. 2019;6;184-194	7
4907	S. F. B. Alhujaili, G.Alzorkany, F.Grogan, G.Al Kafi, M. A.Lane, J.Hug, B.Aldosari, A. H.Alshaikh, S.Farzad, P. R.Ebert, M. A.Moftah, B.Rosenfeld, A. B.Petasecca, M., Quality assurance of Cyberknife robotic stereotactic radiosurgery using an angularly independent silicon detector. Journal of Applied Clinical Medical Physics. 2019;20;76-88	1
4908	J. F. M. Ryan, K. M.Rooper, L. M.Mydlarz, W. K.Quon, H.Gourin, C. G.Tan, M.Eisele, D. W.Fakhry, C., The Impact of a Stepwise Approach to Primary Tumor Detection in Squamous Cell Carcinoma of the Neck With Unknown Primary. Laryngoscope. 2019;129;1610-1616	2
4909	F. Z. Wang, C.Guo, F.Ji, J.Lyu, J.Cao, Z.Yang, B., Navigation of Intelligent/Interactive Qualitative and Quantitative Analysis Three-Dimensional Reconstruction Technique in Laparoscopic or Robotic Assisted Partial Nephrectomy for Renal Hilar Tumors. Journal of Endourology. 2019;33;641-646	5
4910	T. L. Rogula, D.Petrosky, J. A.Liu, X.Janik, M.Zeer, V.Fiedorczuk, P.Baczek, J.Schauer, P., Stapler-Less Robotic Partial Gastrectomy: a Safety and Feasibility Experimental Study. Obesity Surgery. 2019;29;721-728	3
4911	B. F. V. Kingma, E.Marsman, M.Ruurda, J. P.van Hillegersberg, R., Epidural analgesia after minimally invasive esophagectomy: efficacy and complication profile. Diseases of the Esophagus. 2019;32;1	2
4912	W. J. L. Wang, H. T.Yu, J. P.Su, L.Guo, C. A.Chen, P.Yan, L.Li, K.Ma, Y. W.Wang, L.Hu, W.Li, Y. M.Liu, H. B., Severity and incidence of complications assessed by the Clavien-Dindo classification following robotic and laparoscopic gastrectomy for advanced gastric cancer: a retrospective and propensity score-matched study. Surgical Endoscopy. 2019;33;3341-3354	12
4913	S. U. Y. Bae, S. Y.Min, B. S., Totally robotic modified complete mesocolic excision and central vascular ligation for right-sided colon cancer: technical feasibility and mid-term oncologic outcomes. International Journal of Colorectal Disease. 2019;34;471-479	3
4914	B. H. E. N. Jansen, J. A.Oprea-Lager, D. E.Yska, M. J.Lont, A. P.van Moorselaar, R. J. A.Vis, A. N., Adding multiparametric MRI to the MSKCC and Partin nomograms for primary prostate cancer: Improving local tumor staging?. Urologic Oncology. 2019;37;181.e1-181.e6	2

4915	N. F. Madden, M. K.Joo, L.Lee, J.Musselman, K.Chern, J. Y.Blank, S. V.Pothuri, B., Safety of robotic-assisted gynecologic surgery and early hospital discharge in elderly patients. American Journal of Obstetrics & Gynecology. 2019;220;253.e1-253.e7	3
4916	V. F. Gallotta, A.Gaballa, K.D'Indinosante, M.Conte, C.Giudice, M. T.Naldini, A.Lodoli, C.Rotolo, S.Gallucci, V.Tortorella, L.Romano, B.Scambia, G.Ferrandina, G., The role of robotic aortic lymphadenectomy in gynecological cancer: surgical and oncological outcome in a single institution experience. Journal of Surgical Oncology. 2019;119;355-360	3
4917	R. S. Bertolo, G.Garisto, J.Nakhoul, G.Armanyous, S.Agudelo, J.Costantini, M.Tuderti, G.Gallucci, M.Kaouk, J., Off-clamp vs on-clamp robotic partial nephrectomy: Perioperative, functional and oncological outcomes from a propensity-score matching between two high-volume centers. European Journal of Surgical Oncology. 2019;45;1232-1237	3
4918	X. W. Jiang, H.Song, Y.Wang, X.Li, F.Dong, Y.Wang, J.Chen, H.Yuan, Z., A Second Course of Stereotactic Image-Guided Robotic Radiosurgery for Patients with Cerebral Metastasis. World Neurosurgery. 2019;123;e621-e628	3
4919	C. L. G. Lazarus, C.Ru, M.Miles, B. A.Kotz, T.Chai, R. L., Prospective instrumental evaluation of swallowing, tongue function, and QOL measures following transoral robotic surgery alone without adjuvant therapy. Head & Neck. 2019;41;322-328	3
4920	N. I. de'Angelis, A.de La Taille, A.Brunetti, F., Simultaneous robotic total mesorectal excision and radical prostatectomy and enlarged iliac lymphadenectomy for synchronous adenocarcinomas - a video vignette. Colorectal Disease. 2019;21;249-250	3
4921	L. G. Bianchi, G.Fossati, N.Larcher, A.Pultrone, C.Turri, F.Selli, C.de Groote, R.de Naeyer, G.Borghesi, M.Schiavina, R.Brunocilla, E.Briganti, A.Montorsi, F.Mottrie, A., Oncologic outcomes in prostate cancer patients treated with robot-assisted radical prostatectomy: results from a single institution series with more than 10 years follow up. Minerva Urologica e Nefrologica. 2019;71;38-46	5
4922	S. E. Puliatti, A.Eissa, A.Pirola, G.Morini, E.Squecco, D.Inzillo, R.Zoeir, A.Iseppi, A.Sighinolfi, M. C.Micali, S.Rocco, B.Bianchi, G., Effect of puboprostatic ligament reconstruction on continence recovery after robot-assisted laparoscopic prostatectomy: our initial experience. Minerva Urologica e Nefrologica. 2019;71;230-239	5
4923	S. G. R. Lee, A. J.Casillas, M. A., Jr., Laparoscopic transanal minimally invasive surgery (L-TAMIS) versus robotic TAMIS (R-TAMIS): short-term outcomes and costs of a comparative study. Surgical Endoscopy. 2019;33;1981-1987	12
4924	W. F. D. Abdelmoaty, C. M.Neighorn, C.Swanstrom, L. L.Hammill, C. W., Robotic-assisted versus laparoscopic unilateral inguinal hernia repair: a comprehensive cost analysis. Surgical Endoscopy. 2019;33;3436-3443	4
4925	A. H. Desai, M.Weiner, A. B.Patel, M.Cohen, J.Gogana, P.Sharifi, R.Meeks, J. J., Contemporary Comparison of Open to Robotic Prostatectomy at a Veteran's Affairs Hospital. Military Medicine. 2019;184;e330-e337	12
4926	A. W. A. Stamm, S.Durfy, S.Du, C. C.Kozlowski, P. M., Outcomes after Robotic-assisted Pyeloplasty in Patients Presenting with Pain Versus Nonpain Presenting Symptoms. Urology. 2019;125;111-117	3
4927	E. A. Matanes, J.Kessous, R.Kogan, L.Octeau, D.Lau, S.Salvador, S.Gotlieb, W. H., Oncologic and Surgical Outcomes of Robotic Versus Open Radical Hysterectomy for Cervical Cancer. Journal of Obstetrics & Gynaecology Canada: JOGC. 2019;41;450-458	13

4928	J. F. G. Magrina, T. C.Magtibay, P. M., 3rdKosiorek, H. E.Magtibay, P. M., Minimally Invasive Surgery for Resection of Diaphragm Metastases in Ovarian Cancer. Journal of Minimally Invasive Gynecology. 2019;26;1268-1272	2
4929	P. L. Casale, G.Buffi, N.Larcher, A.Porter, J.Mottrie, A.Erus Scientific Working Group, Evolution of Robot-assisted Partial Nephrectomy: Techniques and Outcomes from the Transatlantic Robotic Nephron-sparing Surgery Study Group. European Urology. 2019;76;222-227	5
4930	W. M. Dawes, H. J.Tisdall, M.Aquilina, K., Robot-assisted stereotactic brainstem biopsy in children: prospective cohort study. Journal of Robotic Surgery. 2019;13;575-579	5
4931	S. S. Noguchi, J.Nakai, K.Kitayama, M.Hirota, K., Efficacy of abdominal peripheral nerve block and caudal block during robot-assisted laparoscopic surgery: a retrospective clinical study. Journal of Anesthesia. 2019;33;103-107	3
4932	K. L. Tae, D. W.Song, C. M.Ji, Y. B.Park, J. H.Kim, D. S.Tufano, R. P., Early experience of transoral thyroidectomy: Comparison of robotic and endoscopic procedures. Head & Neck. 2019;41;730-738	12
4933	H. I. A. Cimen, Y. T.Altinova, S.Adsan, O.Balbay, M. D., Does the experience of the bedside assistant effect the results of robotic surgeons in the learning curve of robot assisted radical prostatectomy?. International Braz J Urol. 2019;45;54-60	5
4934	M. M. Escolino, L.Valla, J. S.Lopez, P. J.Tokar, B.Mushtaq, I.Esposito, C., Laparoscopic and robotic-assisted repair of retrocaval ureter in children: a multi-institutional comparative study with open repair. World Journal of Urology. 2019;37;1941-1947	5
4935	E. X. B. Keller, J.Britschgi, A. J.Saba, K.Mortezavi, A.Kaufmann, B.Fankhauser, C. D.Wild, P.Sulser, T.Hermanns, T.Eberli, D.Poyet, C., Prognostic value of unifocal and multifocal positive surgical margins in a large series of robot-assisted radical prostatectomy for prostate cancer. World Journal of Urology. 2019;37;1837-1844	5
4936	W. P. C. Wang, L. Q.Zhang, H. L.Yang, Y. S.He, S. L.Yuan, Y.Wang, Y., Modified Intrathoracic Esophagogastrostomy with Minimally Invasive Robot-Assisted Ivor-Lewis Esophagectomy for Cancer. Digestive Surgery. 2019;36;218-225	5
4937	S. B. Nestler, T.Herrmann, T.Jutzi, S.Roos, F. C.Hampel, C.Thuroff, J. W.Thomas, C.Neisius, A., Surgical treatment of large volume prostates: a matched pair analysis comparing the open, endoscopic (ThuVEP) and robotic approach. World Journal of Urology. 2019;37;1927-1931	13
4938	G. E. D. M. Cacciamani, V.Sebben, M.Rizzetto, R.Cerruto, M. A.Porcaro, A. B.Gill, I. S.Artibani, W., Robot-assisted Vescica Ileale Padovana: A New Technique for Intracorporeal Bladder Replacement Reproducing Open Surgical Principles. European Urology. 2019;76;381-390	5
4939	P. R. Z. Varley, M. S.Klobuka, A.Tobler, J.Hamad, A.Hogg, M. E.Zeh, H. J., 3rdBorhani, A. A.Zureikat, A. H., Does robotic pancreaticoduodenectomy improve outcomes in patients with high risk morphometric features compared to the open approach. HPB. 2019;21;695-701	4
4940	Z. S. Moghadamyeghaneh, D.Stewart, L., Minimal-invasive approach to pancreatoduodenectomy is associated with lower early postoperative morbidity. American Journal of Surgery. 2019;217;718-724	2
4941	I. S. Uyama, K.Nakauchi, M.Kinoshita, T.Noshiro, H.Takiguchi, S.Ehara, K.Obama, K.Kuwabara, S.Okabe, H.Terashima, M., Clinical advantages of robotic gastrectomy for clinical stage I/II gastric cancer: a multi-institutional prospective single-arm study. Gastric Cancer. 2019;22;377-385	5
4942	Y. M. H. Huang, Y. J.Wei, P. L., Colorectal Cancer Surgery Using the Da Vinci Xi and Si Systems: Comparison of Perioperative Outcomes. Surgical Innovation. 2019;26;192-200	2

4943	F. A. Gharagozloo, B.Tempesta, B.Tolboom, R. C.Meyer, M.Gruessner, S., Long-term Results of Robotic Modified Belsey (Gastroesophageal Valvuloplasty) Fundoplication. Surgical Technology International. 2019;34;121-127	3
4944	H. H. Yasin, H. J.Blumcke, I.Simon, M., Experience with 102 Frameless Stereotactic Biopsies Using the neuromate Robotic Device. World Neurosurgery. 2019;123;e450-e456	3
4945	A. M. Khan, J. E.Yavorek, S.O'Connor, T. E.Siasios, I.Mullin, J. P.Pollina, J., Comparing Next-Generation Robotic Technology with 3-Dimensional Computed Tomography Navigation Technology for the Insertion of Posterior Pedicle Screws. World Neurosurgery. 2019;123;e474-e481	12
4946	J. H. G. Kaouk, J.Eltemamy, M.Bertolo, R., Robot-assisted surgery for benign distal ureteral strictures: step-by-step technique using the SP^R surgical system. BJU International. 2019;123;733-739	5
4947	P. W. S. Lundberg, J.El Chaar, M., 30-day outcomes of robot-assisted versus conventional laparoscopic sleeve gastrectomy: First analysis based on MBSAQIP. Surgery for Obesity & Related Diseases. 2019;15;44568	12
4948	H. Y. L. Deng, J.Li, S. X.Li, G.Alai, G.Wang, Y.Liu, L. X.Lin, Y. D., Does robot-assisted minimally invasive esophagectomy really have the advantage of lymphadenectomy over video-assisted minimally invasive esophagectomy in treating esophageal squamous cell carcinoma? A propensity score-matched analysis based on short-term outcomes. Diseases of the Esophagus. 2019;32;1	13
4949	M. M. Camara, E.Darzi, A.Pratt, P., Intraoperative ultrasound for improved 3D tumour reconstruction in robot-assisted surgery: An evaluation of feedback modalities. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1973	7
4950	K. O. Tam, R. K.Dimitrios Colevas, A.Bedi, N.Starmer, H. M.Beadle, B. M.Christopher Holsinger, F., Cost comparison of treatment for oropharyngeal carcinoma. Laryngoscope. 2019;129;1604-1609	13
4951	M. S. Dimitri, F.Brancadoro, M.Frosini, F.Coratti, A.Capineri, L.Corvi, A.Cianchi, F.Biffi Gentili, G., A new microwave applicator for laparoscopic and robotic liver resection. International Journal of Hyperthermia. 2019;36;75-86	3
4952	G. E. M. Cacciamani, N.Pirozzi, M.Tafuri, A.Corsi, P.De Marchi, D.Inverardi, D.Processali, T.Trabacchin, N.De Michele, M.Sebben, M.Cerruto, M. A.De Marco, V.Migliorini, F.Porcaro, A. B.Artibani, W., Impact of Combination of Local Anesthetic Wounds Infiltration and Ultrasound Transversus Abdominal Plane Block in Patients Undergoing Robot-Assisted Radical Prostatectomy: Perioperative Results of a Double-Blind Randomized Controlled Trial. Journal of Endourology. 2019;33;295-301	3
4953	N. P. Cortolillo, C.Parreco, J.Kaza, S.Castillo, A., Nationwide outcomes and costs of laparoscopic and robotic vs. open hepatectomy. Journal of Robotic Surgery. 2019;13;557-565	12
4954	T. Z. Zhang, Z. M.Gao, Y. X.Lau, W. Y.Liu, R., The learning curve for a surgeon in robot-assisted laparoscopic pancreaticoduodenectomy: a retrospective study in a high-volume pancreatic center. Surgical Endoscopy. 2019;33;2927-2933	5
4955	Y. M. C. Park, D.Koh, Y. W.Choi, E. C.Kim, S. H., Transoral Robotic Surgery With Transoral Retropharyngeal Lymph Node Dissection in Patients With Tonsillar Cancer: Anatomical Points, Surgical Techniques, and Clinical Usefulness. Journal of Craniofacial Surgery. 2019;30;145-148	3

4956	J. N. Granna, A.Burgner-Kahrs, J., Computer-assisted planning for a concentric tube robotic system in neurosurgery. International Journal of Computer Assisted Radiology & Surgery. 2019;14;335-344	3
4957	P. M. Tyan, J.Wright, B.Winter, M.Garza, D.Smith, R.Brink, J.Wei, C.Moawad, G., Robot-assisted transabdominal cerclage for the prevention of preterm birth: A multicenter experience. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2019;232;70-74	5
4958	S. F. Mansouri, F.Vossoughi, G.Ghavidel, A. A., A comprehensive multimodality heart motion prediction algorithm for robotic-assisted beating heart surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1975	7
4959	D. Blumberg, Robotic colectomy with intracorporeal anastomosis is feasible with no operative conversions during the learning curve for an experienced laparoscopic surgeon developing a robotics program. Journal of Robotic Surgery. 2019;13;545-555	5
4960	J. G. Kaouk, J.Eltemamy, M.Bertolo, R., Pure Single-Site Robot-Assisted Partial Nephrectomy Using the SP Surgical System: Initial Clinical Experience. Urology. 2019;124;282-285	5
4961	M. D. Chauhan, N.Pacchierotti, C.Meli, L.Prattichizzo, D.Caldwell, D. G.Mattos, L. S., A robotic microsurgical forceps for transoral laser microsurgery. International Journal of Computer Assisted Radiology & Surgery. 2019;14;321-333	3
4962	C. N. Busch, R.Uemura, M.Obata, S.Jimbo, T.Hashizume, M., Objective assessment of robotic suturing skills with a new computerized system: A step forward in the training of robotic surgeons. Asian Journal of Endoscopic Surgery. 2019;12;388-395	7
4963	A. H. Baghdadi, A. A.Ahmed, Y.Cavuoto, L. A.Guru, K. A., A computer vision technique for automated assessment of surgical performance using surgeons' console-feed videos. International Journal of Computer Assisted Radiology & Surgery. 2019;14;697-707	2
4964	D. R. Walters, R. R.Patel, M.Naghi, J.Ang, L.Mahmud, E., Complex robotic compared to manual coronary interventions: 6- and 12-month outcomes. Catheterization & Cardiovascular Interventions. 2019;93;613-617	12
4965	J. T. V. Halka, A.Demare, A.Iacco, A.Janczyk, R., Hybrid robotic-assisted transversus abdominis release versus open transversus abdominis release: a comparison of short-term outcomes. Hernia. 2019;23;37-42	12
4966	K. J. S. Cho, J. K.Jang, W. Y.Park, C. G.Song, E. K., Robotic versus conventional primary total knee arthroplasty: clinical and radiological long-term results with a minimum follow-up of ten years. International Orthopaedics. 2019;43;1345-1354	12
4967	J. S. K. Park, H.Park, S. Y.Kim, H. J.Woo, I. T.Park, I. K.Choi, G. S., Long-term oncologic after robotic versus laparoscopic right colectomy: a prospective randomized study. Surgical Endoscopy. 2019;33;2975-2981	12
4968	S. H. P. Unterberg, S. H.Fuller, T. W.Buckley, J. C., Robotic-assisted Proximal Perineal Urethroplasty: Improving Visualization and Ergonomics. Urology. 2019;125;230-233	3
4969	T. N. Nishikawa, H.Kawai, K.Sasaki, K.Otani, K.Tanaka, T.Hata, K.Watanabe, T., Short- and Long-term Outcomes of Minimally Invasive Versus Open Multivisceral Resection for Locally Advanced Colorectal Cancer. Diseases of the Colon & Rectum. 2019;62;40-46	2
4970	J. L. A. Megevand, M.Lillo, E.Lenisa, L.Ganio, E.Ambrosi, A.Rusconi, A., Right colectomy: consecutive 100 patients treated with laparoscopic and robotic technique for malignancy. Cumulative experience in a single centre. Updates in Surgery. 2019;71;151-156	12

4971	M. S. Moschini, F.Mathieu, R.Xylinas, E.D'Andrea, D.Tan, W. S.Kelly, J. D.Simone, G.Tuderti, G.Meraney, A.Krishna, S.Konety, B.Zamboni, S.Baumeister, P.Mattei, A.Briganti, A.Montorsi, F.Galucci, M.Rink, M.Karakiewicz, P. I.Roupret, M.Aziz, A.Perry, M.Rowe, E.Koupparis, A.Kassouf, W.Scherr, D. S.Ploussard, G.Boorjian, S. A.Sooriakumaran, P.Shariat, S. F.European Association of Urology - Young Academic Urologists, Urothelial Carcinoma Working Group, Propensity-score-matched comparison of soft tissue surgical margins status between open and robotic-assisted radical cystectomy. Urologic Oncology. 2019;37;179.e1-179.e7	4
4972	M. D. Paker, I.Awwad, F.Benyamini, L.Meshyeev, T.Gil, Z.Cohen, J. T., Long-term swallowing performance following transoral robotic surgery for obstructive sleep apnea. Laryngoscope. 2019;129;422-428	3
4973	H. B. Nakawala, R.Pescatori, L. E.De Cobelli, O.Ferrigno, G.De Momi, E., Deep-Onto network for surgical workflow and context recognition. International Journal of Computer Assisted Radiology & Surgery. 2019;14;685-696	2
4974	L. P. Moraldi, B.Bencini, L.Farsi, M.Annecchiarico, M.Coratti, A., Robotic distal pancreatectomy with selective closure of pancreatic duct: surgical outcomes. Updates in Surgery. 2019;71;145-150	3
4975	D. G. Asklid, R.Hjern, F.Pekkari, K.Gustafsson, U. O., Robotic vs laparoscopic rectal tumour surgery: a cohort study. Colorectal Disease. 2019;21;191-199	1
4976	I. G. S. Kwon, T.Kim, H. I.Hyung, W. J., Fluorescent Lymphography-Guided Lymphadenectomy During Robotic Radical Gastrectomy for Gastric Cancer. JAMA Surgery. 2019;154;150-158	2
4977	K. K. Oyama, K.Kojima, R.Shirane, A.Yanai, S.Ota, Y.Andou, M., Short-term outcomes of robotic-assisted versus conventional laparoscopic radical hysterectomy for early-stage cervical cancer: A single-center study. Journal of Obstetrics & Gynaecology Research. 2019;45;405-411	13
4978	D. P. Camara, F.Oemke, H.Ghatan, S.Costa, A., Robotic surgical rehearsal on patient-specific 3D-printed skull models for stereoelectroencephalography (SEEG). International Journal of Computer Assisted Radiology & Surgery. 2019;14;139-145	5
4979	E. R. G. Raskin, M. L.Mehendale, S.Gaertner, W. B., Robotic-assisted ileocolic resection for Crohn's disease: outcomes from an early national experience. Journal of Robotic Surgery. 2019;13;429-434	12
4980	A. D. T. Asimakopoulos, L.De Angelis, M.Agro, E. F.Pastore, A. L.Fuschi, A.Annino, F., Retzius-sparing versus standard robot-assisted radical prostatectomy: a prospective randomized comparison on immediate continence rates. Surgical Endoscopy. 2019;33;2187-2196	3
4981	S. R. L. Uppal, J.Kevin Reynolds, R.Rice, L. W.Spencer, R. J., Trends and comparative effectiveness of inpatient radical hysterectomy for cervical cancer in the United States (2012-2015). Gynecologic Oncology. 2019;152;133-138	2
4982	S. P. De Luca, R.Fiori, C.Garrou, D.Manfredi, M.Aimar, R.Amparore, D.Checcucci, E.Bollito, E.Porpiglia, F., The role of side-specific biopsy and dominant tumor location at radical prostatectomy in predicting the side of nodal metastases in organ confined prostate cancer: is lymphatic spread really unpredictable?. Minerva Urologica e Nefrologica. 2019;71;146-153	2
4983	G. S. Vignolini, F.Greco, I.Cito, G.Vanacore, D.Cocci, A.Sessa, M.Grandi, V.Pili, A.Giancane, S.Gacci, M.Sebastianelli, A.Li Marzi, V.Breda, A.Campi, R.Serni, S., Intraoperative assessment of ureteral and graft reperfusion during robotic kidney transplantation with indocyanine green fluorescence videography. Minerva Urologica e Nefrologica. 2019;71;79-84	5

4984	J. B. Garisto, R.Agudelo, J.Armanyous, S.Gao, T.Lioudis, M.Kaouk, J. H., Cold ischemia technique during robotic partial nephrectomy: a propensity score-matched comparison with open approach. Minerva Urologica e Nefrologica. 2019;71;127-135	13
4985	Z. G. Kratiras, A.Belba, A.Willis, B.Chew, S.Allen, C.Amoroso, P.Dasgupta, P., Phase I study of a new tablet-based image guided surgical system in robot-assisted radical prostatectomy. Minerva Urologica e Nefrologica. 2019;71;92-95	5
4986	W. H. E. Han, B. W.Yoon, H. M.Kim, Y. W.Ryu, K. W., Clinical characteristics and surgical outcomes of internal hernia after gastrectomy in gastric cancer patients: retrospective case control study. Surgical Endoscopy. 2019;33;2873-2879	3
4987	I. B. Bartolini, L.Bernini, M.Farsi, M.Calistri, M.Annecchiarico, M.Moraldi, L.Coratti, A., Robotic enucleations of pancreatic benign or low-grade malignant tumors: preliminary results and comparison with robotic demolitive resections. Surgical Endoscopy. 2019;33;2834-2842	3
4988	W. B. P. Lyman, M.Sastry, A.Cochran, A.Iannitti, D. A.Vrochides, D.Baker, E. H.Martinie, J. B., Robotic-assisted versus laparoscopic left pancreatectomy at a high-volume, minimally invasive center. Surgical Endoscopy. 2019;33;2991-3000	12
4989	A. T. Aloisi, J. H.Sandadi, S.Callery, R.Feinberg, J.Kuhn, T.Gardner, G. J.Sonoda, Y.Brown, C. L.Jewell, E. L.Barakat, R. R.Leitao, M. M., Jr., Is Robotic-Assisted Surgery Safe in the Elderly Population? An Analysis of Gynecologic Procedures in Patients >= 65 Years Old. Annals of Surgical Oncology. 2019;26;244-251	3
4990	L. S. Regis, A.Cuadras, M.Miret, E.Roche, S.Celma, A.Planas, J.Lorente, D.Placer, J.Trilla, E.Morote, J., Preoperative magnetic resonance imaging in predicting early continence recovery after robotic radical prostatectomy. Actas Urologicas Espanolas. 2019;43;137-142	3
4991	G. A. Whittaker, A.Raveendran, S.Dar, F.Dasgupta, P.Ahmed, K., Validity assessment of a simulation module for robot-assisted thoracic lobectomy. Asian Cardiovascular and Thoracic Annals. 2019;27;23-29	1
4992	T. H. Koguchi, N.Matsuoka, K.Yabe, M.Hoshi, S.Ogawa, S.Kataoka, M.Akaihata, H.Sato, Y.Hata, J.Ishibashi, K.Kojima, Y., Atherosclerosis as a predictor of transient exacerbation of overactive bladder symptoms after robot-assisted laparoscopic radical prostatectomy. International Journal of Urology. 2019;26;234-240	3
4993	G. L. B.-S. Vestermark, M.Springer, B. D., Cognitive Training for Robotic Arm-Assisted Unicompartmental Knee Arthroplasty through a Surgical Simulation Mobile Application. The Journal of Knee Surgery. 2019;32;984-988	5
4994	N. A. S. Wood, D.Passineau, M. J.Halbreiner, M. S.Moraca, R. J.Zenati, M. A.Riviere, C. N., Organ-mounted robot localization via function approximation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1971	7
4995	T. E. J. M. Ind, C.Kasius, J.Butler, J.Barton, D.Nobbenhuis, M., Introducing robotic radical hysterectomy for stage 1bi cervical cancer-A prospective evaluation of clinical and economic outcomes in a single UK institution. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1970	3
4996	D. D. Cassini, N.Grieco, M.Cirocchi, R.Manoochehri, F.Baldazzi, G., Robotic pelvic dissection as surgical treatment of complicated diverticulitis in elective settings: a comparative study with fully laparoscopic procedure. Surgical Endoscopy. 2019;33;2583-2590	12
4997	N. M. Danilyants, P.Baxi, R.van der Does, L. Q.Haworth, L. R., Value-based assessment of hysterectomy approaches. Journal of Obstetrics & Gynaecology Research. 2019;45;389-398	1

4998	A. T.-A. Cuendis-Velazquez, M.Bada-Yllan, O.Cardenas-Lailson, E.Morales-Chavez, C.Fernandez-Alvarez, L.Romero-Loera, S.Rojano-Rodriguez, M.Valenzuela-Salazar, C.Moreno-Portillo, M., A New Era of Bile Duct Repair: Robotic-Assisted Versus Laparoscopic Hepaticojejunostomy. Journal of Gastrointestinal Surgery. 2019;23;451-459	12
4999	J. B. Dagenais, R.Garisto, J.Maurice, M. J.Mouracade, P.Kara, O.Chavali, J.Li, J.Nelson, R.Fergany, A.Abouassaly, R.Kaouk, J. H., Variability in Partial Nephrectomy Outcomes: Does Your Surgeon Matter?. European Urology. 2019;75;628-634	2
5000	J. H. Shin, K.Kwon, J. H.Kim, G. M.Kim, D.Han, S. C.Kim, H. J.Won, J. Y.Kim, M. D.Lee, D. Y., Clinical Results of Transarterial Embolization to Control Postoperative Vascular Complications after Partial Nephrectomy. Journal of Urology. 2019;201;702-708	2
5001	D. L. S. Jacobson, R.Johnson, E. K.Gong, E. M.Liu, D. B.Flink, C. C.Meyer, T.Cheng, E. Y.Lindgren, B. W., Robot-Assisted Laparoscopic Reoperative Repair for Failed Pyeloplasty in Children: An Updated Series. Journal of Urology. 2019;201;1005-1011	5
5002	R. A. Bertolo, R.Fiori, C.Amparore, D.Checcucci, E.Mottrie, A.Porter, J.Haber, G. P.Derweesh, I.Porpiglia, F., Expanding the Indications of Robotic Partial Nephrectomy for Highly Complex Renal Tumors: Urologists' Perception of the Impact of Hyperaccuracy Three-Dimensional Reconstruction. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;233-239	3
5003	L. J. C. Jansen, N. V.Dmello, M.Gu, X.Einarsson, J. I.Cohen, S. L., Perioperative Outcomes of Myomectomy for Extreme Myoma Burden: Comparison of Surgical Approaches. Journal of Minimally Invasive Gynecology. 2019;26;1095-1103	13
5004	P. K. H. Kavoussi, C.Kavoussi, K. M.Kavoussi, S. K., Robot-assisted microsurgical vasovasostomy: the learning curve for a pure microsurgeon. Journal of Robotic Surgery. 2019;13;501-504	5
5005	J. S. S. Shim, H. K.Ku, J. H.Jeong, B. C.Hong, B.Kang, S. H., Oncologic, Perioperative Outcomes of Female Radical Cystectomy: Results from a Multicenter Study in Korea. Cancer Research & Treatment. 2019;51;1064-1072	2
5006	M. M. Yoshida, A.Igawa, Y.Fujimura, T.Shinoda, Y.Aizawa, N.Sato, Y.Kume, H.Homma, Y.Haga, N.Sanada, H., May perioperative ultrasound-guided pelvic floor muscle training promote early recovery of urinary continence after robot-assisted radical prostatectomy?. Neurourology & Urodynamics. 2019;38;158-164	5
5007	W. H. M. Tan, J. M.Blatnik, J. A., Efficacy of robotic versus open transversus abdominis release in a porcine model. Hernia. 2019;23;29-35	7
5008	N. N. Bhojani, D. D.Kaufman, R. P., Jr.Elterman, D.Zorn, K. C., Comparison of < 100 cc prostates and > 100 cc prostates undergoing aquablation for benign prostatic hyperplasia. World Journal of Urology. 2019;37;1361-1368	2
5009	L. M. Y. Pak, T.Wang, J., The safety and efficacy of gastrectomy for gastric cancer among octogenarians: a western population-based study. Journal of Geriatric Oncology. 2019;10;598-603	2
5010	N. d. B. Grivas, D.Barwari, K.van Muilekom, E.Tillier, C.van Leeuwen, P. J.Wit, E.Kroese, W.van der Poel, H., Ultrasensitive prostate-specific antigen level as a predictor of biochemical progression after robot-assisted radical prostatectomy: Towards risk adapted follow-up. Journal of Clinical Laboratory Analysis. 2019;33;e22693	5
5011	Z. W. Ping, H.Chen, X.Wang, S.Zuo, S., Modular Robotic Scanning Device for Real-Time Gastric Endomicroscopy. Annals of Biomedical Engineering. 2019;47;563-575	3

5012	H. W. W. Lai, C. C.Lai, Y. C.Chen, C. J.Lin, S. L.Chen, S. T.Lin, Y. J.Chen, D. R.Kuo, S. J., The learning curve of robotic nipple sparing mastectomy for breast cancer: An analysis of consecutive 39 procedures with cumulative sum plot. European Journal of Surgical Oncology. 2019;45;125-133	5
5013	A. J. O. Hung, P. J.Chen, J.Ghodoussipour, S.Lane, C.Jarc, A.Gill, I. S., Experts vs super-experts: differences in automated performance metrics and clinical outcomes for robot-assisted radical prostatectomy. BJU International. 2019;123;861-868	3
5014	C. L. I. Stewart, P. H. G.Melstrom, K. A.Warner, S. G.Melstrom, L. G.Lai, L. L.Fong, Y.Woo, Y., Robotic surgery trends in general surgical oncology from the National Inpatient Sample. Surgical Endoscopy. 2019;33;2591-2601	3
5015	R. M. Q.-D. Jimenez-Rodriguez, F.Tchack, M.Pappou, E.Wei, I. H.Smith, J. J.Nash, G. M.Guillem, J. G.Paty, P. B.Weiser, M. R.Garcia-Aguilar, J., Use of the Xi robotic platform for total abdominal colectomy: a step forward in minimally invasive colorectal surgery. Surgical Endoscopy. 2019;33;966-971	5
5016	J. W. Shu, X. J.Li, J. W.Bie, P.Chen, J.Zheng, S. G., Robotic-assisted laparoscopic surgery for complex hepatolithiasis: a propensity score matching analysis. Surgical Endoscopy. 2019;33;2539-2547	12
5017	J. G. Z. Zarate Rodriguez, A. M.Ohu, I.Cavallo, J. A.Ray, S.Cho, S.Awad, M. M., Ergonomic analysis of laparoscopic and robotic surgical task performance at various experience levels. Surgical Endoscopy. 2019;33;1938-1943	3
5018	A. C. T. Mertens, R. C.Zavrtanik, H.Draaisma, W. A.Broeders, Iamj, Morbidity and mortality in complex robot-assisted hiatal hernia surgery: 7-year experience in a high-volume center. Surgical Endoscopy. 2019;33;2152-2161	5
5019	K. S. K. Lee, K. C.Chung, B. H., Prediction of biochemical failure using prostate-specific antigen half-life in patients with adverse pathologic features after radical prostatectomy. World Journal of Urology. 2019;37;1321-1328	2
5020	W. Y. K. Kim, S. Y., Hands-on robot-assisted fracture reduction system guided by a linear guidance constraints controller using a pre-operatively planned goal pose. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1967	3
5021	P. R. H. Armijo, C. K.High, R.Leon, M.Siu, K. C.Oleynikov, D., Ergonomics of minimally invasive surgery: an analysis of muscle effort and fatigue in the operating room between laparoscopic and robotic surgery. Surgical Endoscopy. 2019;33;2323-2331	3
5022	E. A. Esen, E.Ozben, V.Bas, M.Bilgin, I. A.Aghayeva, A.Baca, B.Hamzaoglu, I.Karahasanoglu, T., Adoption of robotic technology in Turkey: A nationwide analysis on caseload and platform used. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1962	5
5023	C. L. W. Nota, Y.Raoof, M.Boerner, T.Molenaar, I. Q.Choi, G. H.Kingham, T. P.Latorre, K.Borel Rinkes, I. H. M.Hagendoorn, J.Fong, Y., Robotic Versus Open Minor Liver Resections of the Posterosuperior Segments: A Multinational, Propensity Score-Matched Study. Annals of Surgical Oncology. 2019;26;583-590	12
5024	D. C. Xourafas, J. M.Clancy, T. E.Pawlik, T. M.Ashley, S. W., Identifying Hospital Cost Savings Opportunities by Optimizing Surgical Approach for Distal Pancreatectomy. Journal of Gastrointestinal Surgery. 2019;23;1172-1179	2
5025	Y. S. Ohmura, H.Kotani, K.Teramoto, A., Comparative effectiveness of human scope assistant versus robotic scope holder in laparoscopic resection for colorectal cancer. Surgical Endoscopy. 2019;33;2206-2216	12
5026	J. L. Cahais, R. M.Oberlin, O.Goasguen, N.Zuber, K.Valverde, A., Less Morbidity with Robot-Assisted Gastric Bypass Surgery than with Laparoscopic Surgery?. Obesity Surgery. 2019;29;519-525	12

5027	Z. L. Khorgami, W. T.Jackson, T. N.Howard, C. A.Sclabas, G. M., The cost of robotics: an analysis of the added costs of robotic-assisted versus laparoscopic surgery using the National Inpatient Sample. Surgical Endoscopy. 2019;33;2217-2221	4
5028	I. H. Evren, A.Eksi, M.Yavuzsan, A. H.Baytekin, F.Colakoglu, Y.Canoglu, D.Tugcu, V., The impact of single positive surgical margin features on biochemical recurrence after robotic radical prostatectomy. International Braz J Urol. 2019;45;45-53	3
5029	D. G. Nguyen, F.Tempesta, B.Meyer, M.Gruessner, A., Long-term results of robotic anatomical segmentectomy for early-stage non-small-cell lung cancer. European Journal of Cardio-Thoracic Surgery. 2019;55;427-433	3
5030	H. J. L. Kim, K. Y.Kim, M. H.Kim, H. I.Bai, S. J., Effects of deep vs moderate neuromuscular block on the quality of recovery after robotic gastrectomy. Acta Anaesthesiologica Scandinavica. 2019;63;306-313	3
5031	P. V. Sugoor, K.Chaturvedi, A.Kannan, S.Desouza, A.Ostwal, V.Engineer, R.Saklani, A., Robotic versus laparoscopic sphincter-preserving total mesorectal excision: A propensity case-matched analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1965	12
5032	M. H. H. Ju, J. H.Lee, C. H.Kim, H. J.Je, H. G.Kim, J. B.Jung, S. H.Lee, J. W., Robotic-Assisted Surgical Ablation of Atrial Fibrillation Combined With Mitral Valve Surgery. Annals of Thoracic Surgery. 2019;107;762-768	3
5033	Z. B. Gul, K. A.Paulucci, D. J.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Porter, J.Badani, K. K., A multi-institutional report of peri-operative and functional outcomes after robot-assisted partial nephrectomy in patients with a solitary kidney. Journal of Robotic Surgery. 2019;13;423-428	5
5034	F. N. Preisser, S.Mazzone, E.Knipper, S.Bandini, M.Tian, Z.Haese, A.Saad, F.Zorn, K. C.Montorsi, F.Shariat, S. F.Graefen, M.Tilki, D.Karakiewicz, P. I., Regional differences in total hospital charges between open and robotically assisted radical prostatectomy in the United States. World Journal of Urology. 2019;37;1305-1313	4
5035	F. I. Espinoza-Mercado, T. A.Borgella, J. D.Sarkissian, A.Serna-Gallegos, D.Alban, R. F.Soukiasian, H. J., Does the Approach Matter? Comparing Survival in Robotic, Minimally Invasive, and Open Esophagectomies. Annals of Thoracic Surgery. 2019;107;378-385	13
5036	G. C. Vignolini, R.Sessa, F.Greco, I.Larti, A.Giancane, S.Sebastianelli, A.Gacci, M.Peris, A.Li Marzi, V.Breda, A.Siena, G.Serni, S., Development of a robot-assisted kidney transplantation programme from deceased donors in a referral academic centre: technical nuances and preliminary results. BJU International. 2019;123;474-484	5
5037	A. C. Abdel Raheem, K. D.Alenzi, M. J.Lum, T. G.Ham, W. S.Han, W. K.Chung, B. H.Choi, Y. D.Rha, K. H., Robot-Assisted Partial Nephrectomy for Totally Endophytic Renal Tumors: Step by Step Standardized Surgical Technique and Long-Term Outcomes with a Median 59-Month Follow-Up. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;44572	13
5038	F. M. Porpiglia, M.Checcucci, E.Garrou, D.De Cillis, S.Amparore, D.De Luca, S.Fregnan, F.Stura, I.Migliaretti, G.Fiori, C., Use of chitosan membranes after nerve-sparing radical prostatectomy improves early recovery of sexual potency: results of a comparative study. BJU International. 2019;123;465-473	2
5039	B. D. Tremblais, I.Terrier, J. E.Ecochard, R.Hacquard, H.Ruffion, A.Paparel, P., Robot-assisted Partial Nephrectomy: Is Routine Urinary Catheterization Still Mandatory in the Era of Enhanced Recovery?. Urology. 2019;124;148-153	3

5040	S. Y. K. Park, H. K.Jang, D. S.Han, K. N.Kim, D. J., Initial Experiences With Robotic Single-Site Thoracic Surgery for Mediastinal Masses. Annals of Thoracic Surgery. 2019;107;242-247	3
5041	Y. H. Kun, J.Bin, L.Huan, W. X., Self-debriefing Model Based on an Integrated Video-Capture System: An Efficient Solution to Skill Degradation. Journal of Surgical Education. 2019;76;362-369	2
5042	T. K. O. N. Stephens, J. J.Kong, N. J.Mazzeo, M. V.Norfleet, J. E.Sweet, R. M.Kowalewski, T. M., Conditions for reliable grip force and jaw angle estimation of da Vinci surgical tools. International Journal of Computer Assisted Radiology & Surgery. 2019;14;117-127	2
5043	C. S. Pedrazzani, F.Fernandes, E.Jelovskijs, I.Turri, G.Conti, C.Ruzzenente, A.Guglielmi, A., Early ileostomy reversal after minimally invasive surgery and ERAS program for mid and low rectal cancer. Updates in Surgery. 2019;71;485-492	2
5044	J. C. G. G. Bautista Vidal, E.Baron Lopez, J.Sanchez Martinez, N.Hernandez Alcaraz, D.Morales Jimenez, P.Vozmediano Chicharro, R., Objective assessment of early urinary continence by analysis and visualisation of intraoperative variables of radical robotic prostatectomies with a video editor. Actas Urologicas Espanolas. 2019;43;99-105	3
5045	E. E. F. Cottrill, E. K.Goldenberg, D.Goyal, N., Transoral Thyroidectomy Using A Flexible Robotic System: A Preclinical Cadaver Feasibility Study. Laryngoscope. 2019;129;1482-1487	1
5046	W. X. Peng, Y.Liu, R.Li, J.Zhang, Z., An automatic skill evaluation framework for robotic surgery training. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1964	3
5047	N. K. Hong, M.Lee, C.Kim, S., Head-mounted interface for intuitive vision control and continuous surgical operation in a surgical robot system. Medical & Biological Engineering & Computing. 2019;57;601-614	3
5048	T. A. K. Gobillot, A. S.Patel, S. A.Rodriguez, C.Cannon, R. B.Futran, N. D.Houlton, J. J., Treatment of Tonsillar Carcinoma following Nononcologic Tonsillectomy: Efficacy of Transoral Robotic Revision Tonsillectomy. Otolaryngology - Head & Neck Surgery. 2019;160;627-634	3
5049	P. J. S. Kneuertz, E.D'Souza, D. M.Moffatt-Bruce, S. D.Merritt, R. E., Postoperative complications decrease the cost-effectiveness of robotic-assisted lobectomy. Surgery. 2019;165;455-460	5
5050	P. E. Quadri, S.Coleoglou, A.Danielson, K. K.Masrur, M.Giulianotti, P. C., Robotic Adrenalectomy: Are We Expanding the Indications of Minimally Invasive Surgery?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;19-23	3
5051	R. A.-K. Garfinkle, M.Bhatnagar, S.Wong-Chong, N.Azoulay, L.Morin, N.Vasilevsky, C. A.Boutros, M., A Comparison of Pathologic Outcomes of Open, Laparoscopic, and Robotic Resections for Rectal Cancer Using the ACS-NSQIP Proctectomy-Targeted Database: a Propensity Score Analysis. Journal of Gastrointestinal Surgery. 2019;23;348-356	12
5052	N. B. Melling, J.Schmitz, R.Polonski, A.Miro, J.Ghadban, T.Wodack, K.Izbicki, J.Zani, S.Perez, D., Robotic cholecystectomy: first experience with the new Senhance robotic system. Journal of Robotic Surgery. 2019;13;495-500	5
5053	A. C. Thomas, Z.Keheila, M.Ruckle, D.Pierce, M.Mattison, B.West, B.Thomas, J.Hogue, P.Abourbih, S.Baldwin, D. D., Impact of a Wireless System Upon Verbal Communication in a Simulated Robotic Operating Theater. Urology. 2019;123;151-156	3

5054	L. C. Solaini, D.Pecchini, F.Perna, F.Bazzocchi, F.Avanzolini, A.Marchi, D.Checcacci, P.Cucchetti, A.Coratti, A.Piccoli, M.Ercolani, G., Robotic versus laparoscopic right colectomy with intracorporeal anastomosis: a multicenter comparative analysis on short-term outcomes. Surgical Endoscopy. 2019;33;1898-1902	12
5055	R. G. Bertolo, J.Sagalovich, D.Dagenais, J.Agudelo, J.Kaouk, J., Achieving tumour control when suspecting sinus fat involvement during robot-assisted partial nephrectomy: step-by-step. BJU International. 2019;123;548-556	5
5056	D. K. Karponis, Y.Miyazaki, R.Kanno, T.Kawashima, K., Evaluation of a pneumatic surgical robot with dynamic force feedback. Journal of Robotic Surgery. 2019;13;413-421	3
5057	L. D. F. Morelli, G.Lorenzoni, V.Guadagni, S.Palmeri, M.Furbetta, N.Gianardi, D.Bianchini, M.Caprili, G.Mosca, F.Turchetti, G.Cuschieri, A., Structured cost analysis of robotic TME resection for rectal cancer: a comparison between the da Vinci Si and Xi in a single surgeon's experience. Surgical Endoscopy. 2019;33;1858-1869	4
5058	M. H. A. Khan, M. Z.McNeill, A.Tang, B.Nabi, G., Transfer of Skills From Simulation Lab to Surgical Services: Impact of a Decade Long Laparoscopic Urology Surgical Course. Journal of Surgical Education. 2019;76;591-599	2
5059	B. A. C. Johnson, J.Sorokin, I.Gahan, J.Cadeddu, J. A., Surgical Outcomes of Three vs Four Arm Robotic Partial Nephrectomy: Is the Fourth Arm Necessary?. Urology. 2019;123;140-145	3
5060	A. M. Khan, J. E.Siasios, I.Pollina, J., Next-Generation Robotic Spine Surgery: First Report on Feasibility, Safety, and Learning Curve. Operative Neurosurgery. 2019;17;61-69	5
5061	F. C. Porpiglia, E.Amparore, D.Autorino, R.Piana, A.Bellin, A.Piazzolla, P.Massa, F.Bollito, E.Gned, D.De Pascale, A.Fiori, C., Augmented-reality robot-assisted radical prostatectomy using hyper-accuracy three-dimensional reconstruction (HA3D TM) technology: a radiological and pathological study. BJU International. 2019;123;834-845	2
5062	D. S. K. Bae, D. H., A Propensity Score-matched Comparison Study of Surgical Outcomes in Patients with Differentiated Thyroid Cancer After Robotic Versus Open Total Thyroidectomy. World Journal of Surgery. 2019;43;540-551	12
5063	C. C. G. DeStephano, S. P.Espinal, M.Heckman, M. G.Vargas, E. R.Robertson, M. A., Discharge Readiness after Robotic and Laparoscopic Hysterectomy. Journal of Minimally Invasive Gynecology. 2019;26;910-918	3
5064	M. K. Kim, M. K.Kim, M. L.Jung, Y. W.Yun, B. S.Seong, S. J., Robotic single-site myomectomy: A single-center experience of 101 consecutive cases. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1959	3
5065	S. P. B. Diez, G.Joyeux, L.Meuleman, C.Deprest, J.Stoyanov, D.Ourselin, S.Vercauteren, T.Reynaerts, D.Poorten, E. B. V., Evaluation of Haptic Feedback on Bimanually Teleoperated Laparoscopy for Endometriosis Surgery. IEEE Transactions on Biomedical Engineering. 2019;66;1207-1221	2
5066	F. H. Azimifar, K.Hossein Saveh, A.Izadi, F., A New Template and Teleoperation System for Human-Guided Spine Surgery. Artificial Organs. 2019;43;424-434	2
5067	M. D. M. Vartolomei, D. V.Renne, G.Tringali, V. M.Crisan, N.Musi, G.Mistretta, F. A.Russo, A.Conti, A.Cozzi, G.Luzzago, S.Catellani, M.Cioffi, A.Cordima, G.Bianchi, R.Di Trapani, E.Serino, A.Delor, M.Bianco, R.Bottero, D.Ferro, M.De Cobelli, O., Long-term oncologic and functional outcomes after robot-assisted partial nephrectomy in elderly patients. Minerva Urologica e Nefrologica. 2019;71;31-37	5

5068	Z. S. Lee, M. E.Keehn, A. Y.Lee, M.Metro, M. J.Eun, D. D., The use of indocyanine green during robotic ureteroenteric reimplantation for the management of benign anastomotic strictures. World Journal of Urology. 2019;37;1211-1216	3
5069	R. H. Sebastian, M. H.Chang, K. H.Adrales, G.Magnuson, T.Schweitzer, M.Nguyen, H., Robot-assisted versus laparoscopic Roux-en-Y gastric bypass and sleeve gastrectomy: a propensity score-matched comparative analysis using the 2015-2016 MBSAQIP database. Surgical Endoscopy. 2019;33;1600-1612	12
5070	B. K. Kayani, S.Huq, S. S.Tahmassebi, J.Haddad, F. S., Robotic-arm assisted total knee arthroplasty has a learning curve of seven cases for integration into the surgical workflow but no learning curve effect for accuracy of implant positioning. Knee Surgery, Sports Traumatology, Arthroscopy. 2019;27;1132-1141	5
5071	E. C. Islamoglu, B.Yildiz, A.Sarac, K.Karamik, K.Savas, M., Does Robot-Assisted Radical Prostatectomy Affect Renal Intravascular Parameters and Glomerular Filtration Rate?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;445-448	5
5072	H. V. D. V. Steyaert, E.Joyeux, L., Implementation of Robotic Surgery in a Pediatric Hospital: Lessons Learned. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;136-140	3
5073	J. H. S. Yeo, J. K.Lee, D. H.Song, E. K., No difference in outcomes and gait analysis between mechanical and kinematic knee alignment methods using robotic total knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy. 2019;27;1142-1147	3
5074	J. W. P. Cho, J. H.Lee, Y. M.Hong, S. J.Yoon, J. H., Comparison of short-term oncologic outcome of robotic thyroid surgery using dynamic risk stratification: A propensity score-matched comparison study. Surgery. 2019;165;608-616	12
5075	A. S. Neheman, A. C.Concodora, C. W.Schulte, M. E.Noh, P. H., Outpatient Robotic Unilateral Extravesical Ureteral Reimplantation in the Pediatric Population: Short-Term Assessment of Safety. Journal of Urology. 2019;201;615-619	3
5076	N. A. Rajarubendra, F.Manojlovic, Z.Ohe, C.Ahmadi, N.Cacciamani, G.Qiu, M.Abreu, A.Cai, J.Miranda, G.Stern, M. C.Carpten, J.Kuhn, P.Amin, M. B.Gill, P. S.Aron, M.Gill, I. S., Histological Validation of 11Carbon-Acetate Positron Emission Tomography/Computerized Tomography in Detecting Lymph Node Metastases in Prostate Cancer. Journal of Urology. 2019;201;332-341	2
5077	L. F. S. Grochola, C.Zehnder, A.Wyss, R.Herzog, P.Breitenstein, S., Robot-assisted versus laparoscopic single-incision cholecystectomy: results of a randomized controlled trial. Surgical Endoscopy. 2019;33;1482-1490	12
5078	S. S. G.-R. Kim, J.Little, A. G., Optimal surgical intervention for achalasia: laparoscopic or robotic approach. Journal of Robotic Surgery. 2019;13;397-400	12
5079	S. H. Mustafa, E.Farmer, D.Ontiveros, E.Ogola, G. O.Leeds, S. G., Robotic Curriculum Enhances Minimally Invasive General Surgery Residents' Education. Journal of Surgical Education. 2019;76;548-553	2
5080	F. T. K. Kayhan, A. K.Erdim, I., Oncological outcomes of early glottic carcinoma treated with transoral robotic surgery. Auris, Nasus, Larynx. 2019;46;285-293	3
5081	P. P. T. Grimminger, E.Hadzijusufovic, E.Corvinus, F.Babic, B.Lang, H., Change from Hybrid to Fully Minimally Invasive and Robotic Esophagectomy is Possible without Compromises. Thoracic & Cardiovascular Surgeon. 2019;67;589-596	13
5082	S. B. Razdan, R. R.Razdan, S.Sanchez, M. A., A matched and controlled longitudinal cohort study of dehydrated human amniotic membrane allograft sheet used as a wraparound nerve bundles in robotic-assisted laparoscopic radical prostatectomy: a puissant adjunct for enhanced potency outcomes. Journal of Robotic Surgery. 2019;13;475-481	3

5083	J. L. M. Yu, A.Thaler, E. R., Transoral robotic surgery versus upper airway stimulation in select obstructive sleep apnea patients. Laryngoscope. 2019;129;256-258	12
5084	C. T. Huntley, M. C.Christopher, V.Doghramji, K.Curry, J.Boon, M., Comparing Upper Airway Stimulation to Transoral Robotic Base of Tongue Resection for Treatment of Obstructive Sleep Apnea. Laryngoscope. 2019;129;1010-1013	5
5085	A. A. Abiri, S. J.Tao, A.Juo, Y. Y.Dai, Y.Pensa, J.Candler, R.Dutson, E. P.Grundfest, W. S., Suture Breakage Warning System for Robotic Surgery. IEEE Transactions on Biomedical Engineering. 2019;66;1165-1171	3
5086	B. A. Onan, U.Kadirogullari, E.Onan, I. S.Sen, O., Totally Endoscopic Robotic-Assisted Cardiac Surgery in Children. Artificial Organs. 2019;43;342-349	3
5087	A. M. Minervini, A.Borghesi, M.Antonelli, A.Bertolo, R.Bianchi, G.Brunocilla, E.Ficarra, V.Fiori, C.Longo, N.Mirone, V.Morgia, G.Porpiglia, F.Rocco, B.Serni, S.Simeone, C.Tellini, R.Volpe, A.Carini, M.Schiavina, R., The occurrence of intraoperative complications during partial nephrectomy and their impact on postoperative outcome: results from the RECORd1 project. Minerva Urologica e Nefrologica. 2019;71;47-54	2
5088	A. R. Pillai, A.Ramachandran, S. N.Udayakumaran, S.Subhash, P.Krishnadas, A., Expanding the Spectrum of Robotic Assistance in Cranial Neurosurgery. Operative Neurosurgery. 2019;17;164-173	3
5089	P. K. Mourmouris, S. M.Skolarikos, A.Argun, O. B.Karagiannis, A. A.Tufek, I.Obek, C.Riza Kural, A., A prospective comparative analysis of robot-assisted vs open simple prostatectomy for benign prostatic hyperplasia. BJU International. 2019;123;313-317	13
5090	J. E. A. Crowther, D. B.Bamford, J.Kang, S. W.Kandil, E., Intraoperative Neuromonitoring During Thyroid Surgery: The Effect of Surgical Positioning. Surgical Innovation. 2019;26;77-81	2
5091	K. M. Mishra, M. J.Bukavina, L.Abouassaly, R., Comparative Efficacy of Laparoscopic Versus Robotic Adrenalectomy for Adrenal Malignancy. Urology. 2019;123;146-150	13
5092	S. C.-S. Piedimonte, N.Gotlieb, W.Abenhaim, H. A., Robotic Radical Hysterectomy for Cervical Cancer: A Population-Based Study of Adoption and Immediate Postoperative Outcomes in the United States. Journal of Minimally Invasive Gynecology. 2019;26;551-557	13
5093	X. L. Y. Zhu, P. J.Yao, L.Liu, R.Wu, D. W.Du, B. B.Yang, K. H.Guo, T. K.Yang, X. F., Comparison of Short-Term Outcomes Between Robotic-Assisted and Laparoscopic Surgery in Colorectal Cancer. Surgical Innovation. 2019;26;57-65	12
5094	R. M. d. l. T.-F. d. V. Raventos-Tato, J.Sanchez-Iglesias, J. L.Diaz-Feijoo, B.Sabadell, J.Perez-Benavente, M. A.Gil-Moreno, A., Surgical approaches in women with endometrial cancer with a body mass index greater than 35 kg/m². Journal of Obstetrics & Gynaecology Research. 2019;45;195-202	2
5095	G. H. S. KleinJan, K.Korne, C. M.Brouwer, O. R.Buckle, T.Tillier, C.van der Roest, R. C. M.de Jong, J.van Leeuwen, F. W. B.van der Poel, H. G., A prediction model relating the extent of intraoperative fascia preservation to erectile dysfunction after nerve-sparing robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2019;13;455-462	3
5096	G. F. Spinazzola, G.Cipriani, F.Caputo, C. T.Rossi, M.Conti, G., Effects of two different ventilation strategies on respiratory mechanics during robotic-gynecological surgery. Respiratory Physiology & Neurobiology. 2019;259;122-128	3
5097	C. A. O. S. Green, P. S.Sarin, A.Chern, H., Microanalysis of video from a robotic surgical procedure: implications for observational learning in the robotic environment. Journal of Robotic Surgery. 2019;13;449-454	3

5098	Y. G. Chen, I. S.Sengupta, S.Liu, C. L.Weaver, K. D.Barth, E. J., MR-conditional steerable needle robot for intracerebral hemorrhage removal. International Journal of Computer Assisted Radiology & Surgery. 2019;14;105-115	1
5099	S. J. Reddy, D.Jain, K.Gandhi, K.Mohan, R.Kang, M., Changes in airway dimensions after robot assisted surgeries in steep Trendelenburg position. Journal of Robotic Surgery. 2019;13;463-468	3
5100	K. H. Choi, S.Hale, N.Phillips, S.Deem, S., Intraoperative mannitol during robotic-assisted-laparoscopic partial nephrectomy. Journal of Robotic Surgery. 2019;13;401-405	3
5101	R. L. Yazdanpanah Abdolmalaki, X.Mancini, G. J.Tan, J., Fine orientation control of an insertable robotic camera system for single incision laparoscopic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1957	3
5102	M. Y. Giannakou, C.Menikou, G.Ioannides, C.Damianou, C., MRI-guided frameless biopsy robotic system with the inclusion of unfocused ultrasound transducer for brain cancer ablation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1951	3
5103	G. C. Fraisse, L.Peyronnet, B.Khene, Z. E.Mandoorah, Q.Soorojebally, Y.Bourgi, A.De La Taille, A.Roupret, M.De Kerviler, E.Desgrandchamps, F.Bensalah, K.Masson-Lecomte, A., Peri-operative and local control outcomes of robot-assisted partial nephrectomy vs percutaneous cryoablation for renal masses: comparison after matching on radiological stage and renal score. BJU International. 2019;123;632-638	13
5104	L. E. Schoevaerdts, L.Gijbels, A.Smits, J.Reynaerts, D.Vander Poorten, E., Design and evaluation of a new bioelectrical impedance sensor for micro-surgery: application to retinal vein cannulation. International Journal of Computer Assisted Radiology & Surgery. 2019;14;311-320	2
5105	B. C. Peyronnet, G.Belas, O.Manunta, A.Allenet, C.Hascoet, J.Calves, J.Belas, M.Callerot, P.Robert, G.Descazeaud, A.Fournier, G., Robot-assisted AMS-800 Artificial Urinary Sphincter Bladder Neck Implantation in Female Patients with Stress Urinary Incontinence. European Urology. 2019;75;169-175	3
5106	U. L. C. Jayarathne, E. C. S.Moore, J.Peters, T. M., Robust, Intrinsic Tracking of a Laparoscopic Ultrasound Probe for Ultrasound-Augmented Laparoscopy. IEEE Transactions on Medical Imaging. 2019;38;460-469	2
5107	G. M. Krishnan, J.Foreman, A.Hodge, J. C.Krishnan, S., The acceptance and adoption of transoral robotic surgery in Australia and New Zealand. Journal of Robotic Surgery. 2019;13;301-307	3
5108	G. L. Li, L.Dai, F.Guo, X.Meng, L., Muscular tissue oxygen saturation during robotic hysterectomy and postoperative nausea and vomiting: exploring the potential therapeutic thresholds. Journal of Clinical Monitoring & Computing. 2019;33;597-604	3
5109	R. L. Fazl Alizadeh, S.Inaba, C. S.Dinicu, A. I.Hinojosa, M. W.Smith, B. R.Stamos, M. J.Nguyen, N. T., Robotic versus laparoscopic sleeve gastrectomy: a MBSAQIP analysis. Surgical Endoscopy. 2019;33;917-922	12
5110	S. A. H. Heredia-Perez, K.Padilla-Castaneda, M. A.Marques-Marinho, M.Marquez-Flores, J. A.Mitsuishi, M., Virtual reality simulation of robotic transsphenoidal brain tumor resection: Evaluating dynamic motion scaling in a master-slave system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2019;15;e1953	5
5111	F. C. Guerra, P.Vegni, A.di Marino, M.Annecchiarico, M.Farsi, M.Coratti, A., Surgical and oncological outcomes of our first 59 cases of robotic pancreaticoduodenectomy. Journal of visceral surgery. 2019;156;185-190	3

5112	R. C. S. Marchand, N.Bhowmik-Stoker, M.Scholl, L.Condrey, C.Khlopas, A.Sultan, A. A.Newman, J. M.Mont, M. A., Does the Robotic Arm and Preoperative CT Planning Help with 3D Intraoperative Total Knee Arthroplasty Planning?. The Journal of Knee Surgery. 2019;32;742-749	3
5113	H. W. C. Lai, S. T.Lin, S. L.Chen, C. J.Lin, Y. L.Pai, S. H.Chen, D. R.Kuo, S. J., Robotic Nipple-Sparing Mastectomy and Immediate Breast Reconstruction with Gel Implant: Technique, Preliminary Results and Patient-Reported Cosmetic Outcome. Annals of Surgical Oncology. 2019;26;42-52	3
5114	D. J. B. Paulucci, A. T.Porter, J.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Badani, K. K., A Multi-Institutional Propensity Score Matched Comparison of Transperitoneal and Retroperitoneal Partial Nephrectomy for cT1 Posterior Tumors. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;29-34	3
5115	K. K. Fujiwara, S.Donishi, R.Fukuhara, T.Miyake, N.Takeuchi, H., Preoperative predictors of difficult hypopharyngeal exposure by retractor for transoral robotic surgery. International Journal of Clinical Oncology. 2019;24;53-59	3
5116	R. G. Bertolo, J.Dagenais, J.Sagalovich, D.Agudelo, J.Stein, R.Fareed, K.Gao, T.Fergany, A.Kaouk, J., cT1a Renal Masses Less Than 2 versus 2 cm or Greater Managed by Robotic Partial Nephrectomy: A Propensity Score Matched Comparison of Perioperative Outcomes. Journal of Urology. 2019;201;56-61	3
5117	F. L. Schlottmann, J. M.Brown, S.Patti, M. G., Low confidence levels with the robotic platform among senior surgical residents: simulation training is needed. Journal of Robotic Surgery. 2019;13;155-158	1
5118	A. R. M. Hutchins, R. J.Lerebours, R.Farjat, A. E.Cox, M. L.Mann, B. P.Zani, S., Jr., Objective Assessment of the Early Stages of the Learning Curve for the Senhance Surgical Robotic System. Journal of Surgical Education. 2019;76;201-214	5
5119	S. G. C. Shay, J. D.Wang, M. B.Mendelsohn, A. H., Initial and Long-term Retention of Robotic Technical Skills in an Otolaryngology Residency Program. Laryngoscope. 2019;129;1380-1385	5
5120	T. H. Ju, I. N.Kuang, X.Amdur, R. L.Brody, F. J.Obias, V.Agarwal, S., Robotic Right Colectomy for Colon Cancer: Comparison of Outcomes from a Single Institution with the ACS-NSQIP Database. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2019;29;40-44	3
5121	W. B. Krause, J., The importance of robotic-assisted procedures in residency training to applicants of a community general surgery residency program. Journal of Robotic Surgery. 2019;13;379-382	5
5122	F. M. Gharagozloo, M.Tempesta, B.Gruessner, S., Robotic transthoracic first-rib resection for Paget-Schroetter syndrome. European Journal of Cardio-Thoracic Surgery. 2019;55;434-439	3
5123	Z. E. P. Khene, B.Pradere, B.Robert, C.Goujon, A.Kammerer-Jacquet, S. F.Verhoest, G.Rioux-Leclercq, N.Mathieu, R.Bensalah, K., Does tumour effraction during robotic partial nephrectomy have any impact on recurrence?. International Journal of Clinical Oncology. 2019;24;87-93	3
5124	T. v. H. de Rooij, J.van Santvoort, H.Boerma, D.van den Boezem, P.Daams, F.van Dam, R.Dejong, C.van Duyn, E.Dijkgraaf, M.van Eijck, C.Festen, S.Gerhards, M.Groot Koerkamp, B.de Hingh, I.Kazemier, G.Klaase, J.de Kleine, R.van Laarhoven, C.Luyer, M.Patijn, G.Steenvoorde, P.Suker, M.Abu Hilal, M.Busch, O.Besselink, M.Dutch Pancreatic Cancer, Group, Minimally Invasive Versus Open Distal Pancreatectomy (LEOPARD): A Multicenter Patient-blinded Randomized Controlled Trial. Annals of Surgery. 2019;269;44601	12

5125	G. A. Simone, U.Tuderti, G.Misuraca, L.Celia, A.De Concilio, B.Costantini, M.Stigliano, A.Minisola, F.Ferriero, M.Guaglianone, S.Gallucci, M., Robot-assisted Partial Adrenalectomy for the Treatment of Conn's Syndrome: Surgical Technique, and Perioperative and Functional Outcomes. European Urology. 2019;75;811-816	3
5126	A. V. F.-T. Fisher, S.Schumacher, J. R.Havlena, J. A.Wang, X.Lawson, E. H.Ronnekleiv-Kelly, S. M.Winslow, E. R.Weber, S. M.Abbott, D. E., Analysis of 90-day cost for open versus minimally invasive distal pancreatectomy. HPB. 2019;21;60-66	12
5127	M. U. Nakauchi, I.Suda, K.Shibasaki, S.Kikuchi, K.Kadoya, S.Ishida, Y.Inaba, K., Robot-assisted mediastinoscopic esophagectomy for esophageal cancer: the first clinical series. Esophagus. 2019;16;85-92	3
5128	J. R. T. R. Pietrzak, F. E.Kayani, B.Donaldson, M. J.Huq, S. S.Haddad, F. S., Preoperative CT-Based Three-Dimensional Templating in Robot-Assisted Total Knee Arthroplasty More Accurately Predicts Implant Sizes than Two-Dimensional Templating. The Journal of Knee Surgery. 2019;32;642-648	3
5129	F. M. Di Benedetto, P.Ballarin, R.Tarantino, G.Bartolini, I.Bencini, L.Moraldi, L.Annecchiarico, M.Guerra, F.Coratti, A., Ultrasound-Guided Robotic Enucleation of Pancreatic Neuroendocrine Tumors. Surgical Innovation. 2019;26;37-45	3
5130	M. K. Sato, M.Nakabayashi, M.Inaba, K.Takahashi, Y.Nagashima, N.Ki, H.Itaoka, N.Ueshima, C.Nakata, M.Hasumi, Y., Computer vision for total laparoscopic hysterectomy. Asian Journal of Endoscopic Surgery. 2019;12;294-300	2
5131	C. W. Batailler, N.Ranaldi, F. M.Neyret, P.Servien, E.Lustig, S., Improved implant position and lower revision rate with robotic-assisted unicompartmental knee arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy. 2019;27;1232-1240	12
5132	S. S. S. Ubee, M.Chandrashekar, R.Cooke, P., Safety considerations for performing robotic surgery in the presence of a permanent pacemaker. Journal of Perioperative Practice. 2019;29;242-246	3
5133	R. J. C. Fantus, A.Riedinger, C. B.Kuchta, K.Wang, C. H.Yao, K.Park, S., Facility-level analysis of robot utilization across disciplines in the National Cancer Database. Journal of Robotic Surgery. 2019;13;293-299	3
5134	B. N. T. Arnold, D. C.Bhatnagar, V.Blasberg, J. D.Wang, Z.Boffa, D. J.Detterbeck, F. C.Kim, A. W., Defining the learning curve in robot-assisted thoracoscopic lobectomy. Surgery. 2019;165;450-454	5
5135	F. A. Dal Moro, L.Pavarin, P.Zattoni, F., Ultrasound-guided transversus abdominis plane block (US-TAPb) for robot-assisted radical prostatectomy: a novel '4-point' technique-results of a prospective, randomized study. Journal of Robotic Surgery. 2019;13;147-151	3
5136	P. v. O. Meershoek, M. N.Simon, H.Mengus, L.Maurer, T.van Leeuwen, P. J.Wit, E. M. K.van der Poel, H. G.van Leeuwen, F. W. B., Robot-assisted laparoscopic surgery using DROP-IN radioguidance: first-in-human translation. European Journal of Nuclear Medicine & Molecular Imaging. 2019;46;49-53	3
5137	M. G. Jimbo, C. F.Osumah, T. S.Bandari, J.Cannon, G. M.Routh, J. C.Gargollo, P. C., Discrepancies in Self-Reported and Actual Conflicts of Interest for Robotic Pediatric Urological Surgery. Journal of Urology. 2019;201;393-399	8
5138	C. D. P. B. Van't Hullenaar, P.Broeders, Iamj, Ergonomic assessment of the first assistant during robot-assisted surgery. Journal of Robotic Surgery. 2019;13;283-288	1

5139	G. P. Spinoglio, W.Borin, S.Piccioli, A. N.Bertani, E., Robotic right colectomy with complete mesocolic excision and indocyanine green guidance. Minerva Chirurgica. 2019;74;165-169	3
5140	N. D. Ragavan, K.Ramesh, M.Stolzenburg, J. U., Extraperitoneal vs. transperitoneal robot-assisted laparoscopic radical prostatectomy-analysis of perioperative outcomes, a single surgeon's experience. Journal of Robotic Surgery. 2019;13;275-281	3
5141	F. P. Gaboardi, G.Suardi, N.Montorsi, F.Passaretti, G.Smelzo, S., Robotic laparoendoscopic single-site radical prostatectomy (R-LESS-RP) with daVinci Single-Site R platform. Concept and evolution of the technique following an IDEAL phase 1. Journal of Robotic Surgery. 2019;13;215-226	3
5142	F. P. Guerra, C.Vegni, A.Gasperoni, S.Desiderio, J.Parisi, A.Coratti, A., Feasibility of robotic resection of gastrointestinal stromal tumors along the entire gastrointestinal tract. Updates in Surgery. 2019;71;695-700	3
5143	A. C. Marcovigi, L.Perazzini, P.Caldora, P.Grandi, G.Catani, F., Evaluation of Native Femoral Neck Version and Final Stem Version Variability in Patients With Osteoarthritis Undergoing Robotically Implanted Total Hip Arthroplasty. Journal of Arthroplasty. 2019;34;108-115	3
5144	W. L. F. Law, D. C. C., Comparison of early experience of robotic and transanal total mesorectal excision using propensity score matching. Surgical Endoscopy. 2019;33;757-763	12
5145	Y. X. Gao, H.Qiao, Z.Li, J.Zhang, K.Xie, T.Shen, W.Cui, J.Wei, B.Chen, L., Comparison of robotic- and laparoscopic-assisted gastrectomy in advanced gastric cancer: updated short- and long-term results. Surgical Endoscopy. 2019;33;528-534	12
5146	M. S. S. Hoffman, P. E., Simulated management of urinary tract injury during robotic pelvic surgery utilizing the porcine model. Journal of Robotic Surgery. 2019;13;289-292	1
5147	D. W. L. Shin, S. H.Kim, T. H.Yun, S. J.Nam, J. K.Jeon, S. H.Park, S. C.Jung, S. I.Park, J. H.Park, J., Health-Related Quality of Life Changes in Prostate Cancer Patients after Radical Prostatectomy: A Longitudinal Cohort Study. Cancer Research & Treatment. 2019;51;556-567	12
5148	H. T. Moradi, S.Salcudean, S. E., Toward Intra-Operative Prostate Photoacoustic Imaging: Configuration Evaluation and Implementation Using the da Vinci Research Kit. IEEE Transactions on Medical Imaging. 2019;38;57-68	2
5149	A. M. K. Lieber, G. J.Kerbel, Y. E.Khalsa, A. S., Robotic-assisted pedicle screw placement fails to reduce overall postoperative complications in fusion surgery. Spine Journal: Official Journal of the North American Spine Society. 2019;19;212-217	12
5150	G. L.-E. Ogaya-Pinies, E.Hernandez-Cardona, E.Jenson, C.Cathelineau, X.Sanchez-Salas, R.Patel, V., Salvage robotic-assisted radical prostatectomy: oncologic and functional outcomes from two high-volume institutions. World Journal of Urology. 2019;37;1499-1505	3
5151	N. T. Sujata, R.Tamhankar, A.Gautam, G.Yatoo, A. H., A randomised trial to compare the increase in intracranial pressure as correlated with the optic nerve sheath diameter during propofol versus sevoflurane-maintained anesthesia in robot-assisted laparoscopic pelvic surgery. Journal of Robotic Surgery. 2019;13;267-273	3
5152	A. P. Antonelli, C.Veccia, A.Fisogni, S.Zamboni, S.Furlan, M.Francavilla, S.Lattarulo, M.De Marzo, E.Mirabella, G.Peroni, A.Simeone, C., Standard vs delayed ligature of the dorsal vascular complex during robot-assisted radical prostatectomy: results from a randomized controlled trial. Journal of Robotic Surgery. 2019;13;253-260	3

5153	S. S. Liu, T.Murray, B. W.Parry, L.Johnson, C. S.Horgan, S.Ramamoorthy, S.Eisenstein, S., Robotic transanal minimally invasive surgery (TAMIS) with the newest robotic surgical platform: a multi-institutional North American experience. Surgical Endoscopy. 2019;33;543-548	3
5154	Y. Y. Yamaoka, T.Kinugasa, Y.Shiomi, A.Kagawa, H.Yamakawa, Y.Furutani, A.Manabe, S.Torii, K.Koido, K.Mori, K., Mesorectal fat area as a useful predictor of the difficulty of robotic-assisted laparoscopic total mesorectal excision for rectal cancer. Surgical Endoscopy. 2019;33;557-566	3
5155	P. E. Banapour, P.Jabaji, R.Parekh, A.Pathak, A.Merchant, M.Tamaddon, K., Safety and feasibility of outpatient robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2019;13;261-265	3
5156	T. N.-C. Greilsamer, C.Thy, M.Ullmann, T.Zarnegar, R.Bresler, L.Brunaud, L., Robotic-assisted unilateral adrenalectomy: risk factors for perioperative complications in 303 consecutive patients. Surgical Endoscopy. 2019;33;802-810	3
5157	C. Y. C. Wu, P. D.Lee, C. Y.Liang, J. T.Wu, Y. M., Robotic-assisted right posterior segmentectomies for liver lesions: single-center experience of an evolutional method in left semi-lateral position. Journal of Robotic Surgery. 2019;13;231-237	3
5158	S. G. D. Worrell, P.Gilbert, C.James, C.Chang, A. C.Lin, J.Reddy, R. M., The cost and quality of life outcomes in developing a robotic lobectomy program. Journal of Robotic Surgery. 2019;13;239-243	13
5159	P. H. Giataganas, M.Payne, C. J.Wisanuvej, P.Temelkuran, B.Yang, G. Z., Intraoperative Robotic-Assisted Large-Area High-Speed Microscopic Imaging and Intervention. IEEE Transactions on Biomedical Engineering. 2019;66;208-216	3
5160	J. B. Anso, T. W.Jegge, Y.Kalvoy, H.Bell, B. J.Dur, C.Calvo, E. M.Williamson, T. M.Gerber, N.Ferrario, D.Forterre, F.Buchler, P.Stahel, A.Caversaccio, M. D.Weber, S.Gavaghan, K. A., Electrical Impedance to Assess Facial Nerve Proximity During Robotic Cochlear Implantation. IEEE Transactions on Biomedical Engineering. 2019;66;237-245	3
5161	J. D. M. Buzzi, E.Nisky, I., An Uncontrolled Manifold Analysis of Arm Joint Variability in Virtual Planar Position and Orientation Telemanipulation. IEEE Transactions on Biomedical Engineering. 2019;66;391-402	2
5162	J. V. G. Vu, V.Krapohl, G. L.Englesbe, M. J.Campbell, D. A., Jr.Dimick, J. B.Telem, D. A., Surgeon utilization of minimally invasive techniques for inguinal hernia repair: a population-based study. Surgical Endoscopy. 2019;33;486-493	2
5163	B. P. Pradere, B.Khene, Z. E.Mathieu, R.Verhoest, G.Bensalah, K., Simplified robot-assisted partial nephrectomy: step-by-step technique and perioperative outcomes. Journal of Robotic Surgery. 2019;13;245-251	3
5164	M. V. G. Marino, G.Komorowski, A. L., Fully robotic left hepatectomy for malignant tumor: technique and initial results. Updates in Surgery. 2019;71;129-135	3
5165	N. C. L. Wong, C.Patterson, L.Shayegan, B., Use of machine learning to predict early biochemical recurrence after robot-assisted prostatectomy. BJU International. 2019;123;51-57	3
5166	Y. E. Sumi, H.Hattori, M.Suzuki, T.Tokunaga, M.Adachi, T.Sawada, H.Mukai, S.Kurita, Y.Ohdan, H., A prospective study of the safety and usefulness of a new miniature wide-angle camera: the "BirdView camera system". Surgical Endoscopy. 2019;33;199-205	2
5167	L. W.-C. Lee, N.Kelly, J. J.Nassif, G. J.Albert, M. R.Monson, J. R. T., Minimally invasive surgery for stage III colon adenocarcinoma is associated with less delay to initiation of adjuvant systemic therapy and improved survival. Surgical Endoscopy. 2019;33;460-470	2

5168	F. v. I. van Zanten, J. J.Hartog, F. E.Aalders, K. I. M.Lenters, E.Broeders, IamjSchraffordt Koops, S. E., Mesh Exposure After Robot-Assisted Laparoscopic Pelvic Floor Surgery: A Prospective Cohort Study. Journal of Minimally Invasive Gynecology. 2019;26;636-642	3
5169	T. S. Stonier, N.Davis, J.Challacombe, B., Retzius-sparing robot-assisted radical prostatectomy (RS-RARP) vs standard RARP: it's time for critical appraisal. BJU International. 2019;123;44688	8
5170	W. M. Alotaibi, Anesthesia experience of pediatric robotic surgery in a University Hospital. Journal of Robotic Surgery. 2019;13;141-146	3
5171	J. F. C. Flamiatos, Y.Lambert, W. E.Martinez Acevedo, A.Becker, T. M.Bash, J. C.Amling, C. L., Open versus robot-assisted radical cystectomy: 30-day perioperative comparison and predictors for cost-to-patient, complication, and readmission. Journal of Robotic Surgery. 2019;13;129-140	13
5172	C. A. Zirafa, V.Ricciardi, S.Romano, G.Davini, F.Cavaliere, I.Ali, G.Fontanini, G.Melfi, F., Nodal upstaging evaluation in NSCLC patients treated by robotic lobectomy. Surgical Endoscopy. 2019;33;153-158	13
5173	E. F. N. Kauffmann, N.Menonna, F.Iacopi, S.Lombardo, C.Bernardini, J.Amorese, G.Cacciato Insilla, A.Funel, N.Campani, D.Cappelli, C.Caramella, D.Boggi, U., A propensity score-matched analysis of robotic versus open pancreatoduodenectomy for pancreatic cancer based on margin status. Surgical Endoscopy. 2019;33;234-242	12
5174	N. v. d. R. Grivas, R. C.de Korne, C. M.KleinJan, G. H.Sikorska, K.Schoots, I. G.Tillier, C.van der Broek, B.Jalink, K.Heijmink, SwtjpBuckle, T.van Leeuwen, F. W. B.van der Poel, H. G., The value of periprostatic fascia thickness and fascia preservation as prognostic factors of erectile function after nerve-sparing robot-assisted radical prostatectomy. World Journal of Urology. 2019;37;309-315	3
5175	H. S. P. Kim, J. S.Yoon, D. S., True learning curve of laparoscopic spleen-preserving distal pancreatectomy with splenic vessel preservation. Surgical Endoscopy. 2019;33;88-93	5
5176	T. W. N. Tan, R.Saad, S.Thurairaja, R.Khan, M. S., Safe transition from extracorporeal to intracorporeal urinary diversion following robot-assisted cystectomy: a recipe for reducing operative time, blood loss and complication rates. World Journal of Urology. 2019;37;367-372	3
5177	J. W. L. Kim, S. H.Kim, H. J.Rhee, C. S.Hong, S. N., Radiographic and histologic characterization of tongue base tissues obtained by transoral robotic surgery in patients with obstructive sleep apnea. Auris, Nasus, Larynx. 2019;46;89-94	3
5178	J. W. Bahuguna, P.Morrison, A., Exploring the role of striatal D1 and D2 medium spiny neurons in action selection using a virtual robotic framework. European Journal of Neuroscience. 2019;49;737-753	3
5179	L. d. L. Lee, B.Gomez Ruiz, M.Liberman, A. S.Albert, M. R.Monson, J. R. T.Lacy, A.Kim, S. H.Atallah, S. B., A Multicenter Matched Comparison of Transanal and Robotic Total Mesorectal Excision for Mid and Low-rectal Adenocarcinoma. Annals of Surgery. 2019;270;1110-1116	12
5180	A. C.-S. Gil-Moreno, M.Salicru, S.Centeno-Mediavilla, C.Franco-Camps, S.Colas, E.Oaknin, A.Perez-Benavente, A.Diaz-Feijoo, B., Radical Hysterectomy: Efficacy and Safety in the Dawn of Minimally Invasive Techniques. Journal of Minimally Invasive Gynecology. 2019;26;492-500	13
5181	D. J. S. Sanderson, R.Cleason, D.Seaman, C.Ghomi, A., Manual morcellation compared to power morcellation during robotic myomectomy. Journal of Robotic Surgery. 2019;13;209-214	3

5182	P. C. G. Gargollo, C.Gong, E.Tu, D.Whittam, B.Dajusta, D., Complex Robotic Lower Urinary Tract Surgery in Patients with History of Open Surgery. Journal of Urology. 2019;201;162-168	3
5183	J. P. MacDonell, N.Fischer, G.Burdette, E. C.Qian, J.Chumbalkar, V.Ghoshal, G.Heffter, T.Williams, E.Gounis, M.King, R.Thibodeau, J.Bogdanov, G.Brooks, O. W.Langan, E.Hwang, R.Pilitsis, J. G., Robotic Assisted MRI-Guided Interventional Interstitial MR-Guided Focused Ultrasound Ablation in a Swine Model. Neurosurgery. 2019;84;1138-1148	3
5184	T. A. M. Narain, R. S.Sharma, A. P.Bora, G. S.Devana, S. K.Singh, S. K.Mandal, A. K., Complex pelvic-ureteric junction obstruction (PUJO): successful management with robotic assistance. Journal of Robotic Surgery. 2019;13;121-127	3
5185	C. S. K. Johnson, A.Marx, D. S.Soliman, M. K., Performance of da Vinci Stapler during robotic-assisted right colectomy with intracorporeal anastomosis. Journal of Robotic Surgery. 2019;13;115-119	3
5186	A. V. Mangano, V.Fernandes, E.Bustos, R.Gheza, F.Giulianotti, P. C., Operative technique in robotic rectal resection. Minerva Chirurgica. 2019;74;501-508	10
5187	A. V. Mangano, V.Fernandes, E.Bustos, R.Gheza, F.Giulianotti, P. C., Operative technique in robotic left colonic resection. Minerva Chirurgica. 2019;74;431-437	10
5188	B. K. P. L. Goh, T. Y.Lee, S. Y.Chan, C. Y.Chung, A. Y. F.Ooi, Llpj, Initial experience with robotic pancreatic surgery in Singapore: single institution experience with 30 consecutive cases. ANZ Journal of Surgery. 2019;89;206-210	3
5189	R. A. A. McGovern, S.Bingaman, W. E.Gonzalez-Martinez, J., Robot-Assisted Responsive Neurostimulator System Placement in Medically Intractable Epilepsy: Instrumentation and Technique. Operative Neurosurgery. 2019;16;455-464	3
5190	C. T. J. W. Michels, C. J.Leijte, E.Witjes, J. A.Rovers, M. M.Grutters, J. P. C., A cost-effectiveness modeling study of robot-assisted (RARC) versus open radical cystectomy (ORC) for bladder cancer to inform future research. European Urology Focus. 2019;5;1058-1065	4
5191	V. A. Ozben, E.Atasoy, D.Erenler Bayraktar, I.Bayraktar, O.Sapci, I.Baca, B.Karahasanoglu, T.Hamzaoglu, I., Totally robotic complete mesocolic excision for right-sided colon cancer. Journal of Robotic Surgery. 2019;13;107-114	3
5192	R. J. F. Torphy, C.Halpern, A.Chapman, B. C.Ahrendt, S. S.McCarter, M. M.Edil, B. H.Schulick, R. D.Gleisner, A., Comparing Short-term and Oncologic Outcomes of Minimally Invasive Versus Open Pancreaticoduodenectomy Across Low and High Volume Centers. Annals of Surgery. 2019;270;1147-1155	12
5193	G. B. Capretti, U.Salvia, R.Belli, G.Coppola, R.Falconi, M.Valeri, A.Zerbi, A., Application of minimally invasive pancreatic surgery: an Italian survey. Updates in Surgery. 2019;71;97-103	2
5194	M. C. D. Havemann, T.Sorensen, J. L.Rossaak, K.Brisling, S.Mosgaard, B. J.Hogdall, C.Bjerrum, F., Examining validity evidence for a simulation-based assessment tool for basic robotic surgical skills. Journal of Robotic Surgery. 2019;13;99-106	5
5195	M. P. Kim, M.Pak, S.Choi, S. K.Shim, M.Song, C.Ahn, H., Integrity of the Urethral Sphincter Complex, Nerve-sparing, and Long-term Continence Status after Robotic-assisted Radical Prostatectomy. European Urology Focus. 2019;5;823-830	3
5196	A. B. S. Porcaro, M.Tafuri, A.de Luyk, N.Corsi, P.Processali, T.Pirozzi, M.Rizzetto, R.Amigoni, N.Mattevi, D.Cerruto, M. A.Brunelli, M.Novella, G.De Marco, V.Migliorini, F.Artibani, W., Body mass index is an independent predictor of Clavien-Dindo grade 3 complications in patients undergoing robot assisted radical prostatectomy with extensive pelvic lymph node dissection. Journal of Robotic Surgery. 2019;13;83-89	3

5197	R. V. Caruso, E.Quijano, Y.Ielpo, B.Duran, H.Diaz, E.Fabra, I.Ferri, V., Robotic assisted gastrectomy compared with open resection: a case-matched study. Updates in Surgery. 2019;71;367-373	12
5198	E. L. C. Hampp, M.Scholl, L. Y.Sodhi, N.Bhowmik-Stoker, M.Jacofsky, D. J.Mont, M. A., Robotic-Arm Assisted Total Knee Arthroplasty Demonstrated Greater Accuracy and Precision to Plan Compared with Manual Techniques. The Journal of Knee Surgery. 2019;32;239-250	1
5199	J. W. B. M. de Mesquita Neto, F. I.Liu, Y.Yiengpruksawan, A., Fully robotic total pancreatectomy: technical aspects and outcomes. Journal of Robotic Surgery. 2019;13;77-82	3
5200	S. F. Samreen, M.Hunsinger, M.Wild, J.Shabahang, M.Blansfield, J. A., Laparoscopic versus robotic adrenalectomy: a review of the national inpatient sample. Journal of Robotic Surgery. 2019;13;69-75	13
5201	B. E. Hristov, T.Bains, S.Dycoco, J.Tan, K. S.Isbell, J. M.Park, B. J.Jones, D. R.Adusumilli, P. S., Minimally Invasive Lobectomy Is Associated With Lower Noncancer-specific Mortality in Elderly Patients: A Propensity Score Matched Competing Risks Analysis. Annals of Surgery. 2019;270;1161-1169	4
5202	S. H. Blecha, M.Zeman, F.Seyfried, T.Lubnow, M.Burger, M.Denzinger, S.Pawlik, M. T., The impact of obesity on pulmonary deterioration in patients undergoing robotic-assisted laparoscopic prostatectomy. Journal of Clinical Monitoring & Computing. 2019;33;133-143	3
5203	T. J. Dalager, P. T.Winther, T. S.Savarimuthu, T. R.Markauskas, A.Mogensen, O.Sogaard, K., Surgeons' muscle load during robotic-assisted laparoscopy performed with a regular office chair and the preferred of two ergonomic chairs: A pilot study. Applied Ergonomics. 2019;78;286-292	3
5204	D. H. M. Cheufou, K.Ploenes, T.Theegarten, D.Stamatis, G.Kampe, S.Aigner, C., Effectiveness of Robotic Lobectomy-Outcome and Learning Curve in a High Volume Center. Thoracic & Cardiovascular Surgeon. 2019;67;573-577	5
5205	H. M. Y. Kwon, I. H.Lee, W. S.Yu, A. R. L.Oh, S. Y.Park, K. K., Reliability of Intraoperative Knee Range of Motion Measurements by Goniometer Compared with Robot-Assisted Arthroplasty. The Journal of Knee Surgery. 2019;32;233-238	2
5206	K. A. B. Riley, A. S.Deimling, T. A.Kunselman, A. R.Harkins, G. J., Surgical Excision Versus Ablation for Superficial Endometriosis-Associated Pain: A Randomized Controlled Trial. Journal of Minimally Invasive Gynecology. 2019;26;71-77	2
5207	M. G. Casiraghi, D.Borri, A.Tessitore, A.Romano, R.Diotti, C.Brambilla, D.Maisonneuve, P.Spaggiari, L., Ten Years' Experience in Robotic-Assisted Thoracic Surgery for Early Stage Lung Cancer. Thoracic & Cardiovascular Surgeon. 2019;67;564-572	3
5208	G. Z. Corrado, C.Salducca, N.Oddi, A.Vizza, E.Biagini, R., Anterior robotic approach in en-bloc sacrectomy: a preliminary experience. Journal of Robotic Surgery. 2019;13;53-59	3
5209	B. C. Ielpo, R.Duran, H.Diaz, E.Fabra, I.Malave, L.Quijano, Y.Vicente, E., Robotic versus standard open pancreatectomy: a propensity score-matched analysis comparison. Updates in Surgery. 2019;71;137-144	12
5210	R. A. P. El Shafie, A.Bernhardt, D.Lang, K.Welzel, T.Sprave, T.Hommertgen, A.Krisam, J.Schmitt, D.Kluter, S.Schubert, K.Klose, C.Kieser, M.Debus, J.Rieken, S., Robotic Radiosurgery for Brain Metastases Diagnosed With Either SPACE or MPRAGE Sequence (CYBER-SPACE)-A Single-Center Prospective Randomized Trial. Neurosurgery. 2019;84;253-260	3

5211	M. V. S. Marino, G.Guarrasi, D.Gulotta, G.Komorowski, A. L., Comparative Study of the Initial Experience in Performing Robotic and Laparoscopic Right Hepatectomy with Technical Description of the Robotic Technique. Digestive Surgery. 2019;36;241-250	12
5212	B. K. P. L. Goh, L. S.Lee, S. Y.Chow, P. K. H.Chan, C. Y.Chiow, A. K. H., Initial experience with robotic hepatectomy in Singapore: analysis of 48 resections in 43 consecutive patients. ANZ Journal of Surgery. 2019;89;201-205	3
5213	M. U. Kurdoglu, S.Antonetti-Elford, M.Kurdoglu, Z.Kilic, G. S., Short-term results of changes in existing and de novo lower urinary tract symptoms after robot-assisted laparoscopic uterosacral ligament suspension and sacrocolpopexy. Luts. 2019;11;O71-O77	3
5214	P. J. H. Culligan, S.Lewis, C.Priestley, J.Salamon, C., Sexual Satisfaction Changes Reported by Men After Their Partners' Robotic-Assisted Laparoscopic Sacrocolpopexies. Female Pelvic Medicine & Reconstructive Surgery. 2019;25;365-368	3
5215	C. K. P. Kisby, M. R.Visco, A. G.Siddiqui, N. Y., Same-Day Discharge After Robotic-Assisted Sacrocolpopexy. Female Pelvic Medicine & Reconstructive Surgery. 2019;25;337-341	3
5216	C. M. A. Chu, A.Mazloomdoost, D.Barenberg, B.Dune, T. J.Pilkinton, M. L.Chan, R. C.Weber Lebrun, E. E.Arya, L. A., Patients' Knowledge of and Attitude Toward Robotic Surgery for Pelvic Organ Prolapse. Female Pelvic Medicine & Reconstructive Surgery. 2019;25;279-283	3
5217	A. N. Wallerstedt, T.Carlsson, S.Thorsteinsdottir, T.Stranne, J.Tyritzis, S. I.Stinesen Kollberg, K.Hugosson, J.Bjartell, A.Wilderang, U.Wiklund, P.Steineck, G.Haglind, E., Quality of Life After Open Radical Prostatectomy Compared with Robot-assisted Radical Prostatectomy. European Urology Focus. 2019;5;389-398	12
5218	M. K.-S. Alameddine, T.Moore, K. J.Miao, F.Savio, L. F.Nahar, B.Prakash, N. S.Venkatramani, V.Jue, J. S.Punnen, S.Parekh, D. J.Ritch, C. R.Gonzalgo, M. L., Trends in Utilization of Robotic and Open Partial Nephrectomy for Management of cT1 Renal Masses. European Urology Focus. 2019;5;482-487	4
5219	H. W. J. Kang, H. D.Lee, J. Y.Kwon, J. K.Jeh, S. U.Cho, K. S.Ham, W. S.Choi, Y. D., Prediction of organ-confined disease after robot-assisted radical prostatectomy in patients with clinically locally-advanced prostate cancer. Asian Journal of Surgery. 2019;42;120-125	3
5220	A. F. Binet, L.Amar, S.Alzahrani, K.Cook, A. R.Braik, K.Cros, J.Longis, B.Villemagne, T.Lardy, H.Ballouhey, Q., Robot-Assisted Laparoscopic Fundoplications in Pediatric Surgery: Experience Review. European Journal of Pediatric Surgery. 2019;29;173-178	3
5221	K. T. Matsumoto, K. I.Hirayama, T.Shimura, S.Nishi, M.Ishii, D.Fujita, T.Iwamura, M., Robot-assisted laparoscopic radical cystectomy is a safe and effective procedure for patients with bladder cancer compared to laparoscopic and open surgery: Perioperative outcomes of a single-center experience. Asian Journal of Surgery. 2019;42;189-196	13
5222	A. S. Gordon, D.Babaian, K. N.Dhaliwal, H.Ahlering, T. E., Diminished long-term recovery of peak flow rate (PFR) after robotic prostatectomy in men with baseline PFR <10 mL/s and incidental association with high-risk prostate cancer. Luts. 2019;11;78-84	3
5223	M. D. M. Vartolomei, D. V.Renne, G.Tringali, V. M.Crisan, N.Musi, G.Mistretta, F. A.Russo, A.Cozzi, G.Cordima, G.Luzzago, S.Cioffi, A.Di Trapani, E.Catellani, M.Delor, M.Bottero, D.Imbimbo, C.Mirone, V.Ferro, M.de Cobelli, O., Robot-assisted Partial Nephrectomy: 5-yr Oncological Outcomes at a Single European Tertiary Cancer Center. European Urology Focus. 2019;5;636-641	3

5224	J. d. R. van Hilst, T.Klompmaker, S.Rawashdeh, M.Aleotti, F.Al-Sarireh, B.Alseidi, A.Ateeb, Z.Balzano, G.Berrevoet, F.Bjornsson, B.Boggi, U.Busch, O. R.Butturini, G.Casadei, R.Del Chiaro, M.Chikhladze, S.Cipriani, F.van Dam, R.Damoli, I.van Dieren, S.Dokmak, S.Edwin, B.van Eijck, C.Fabre, J. M.Falconi, M.Farges, O.Fernandez-Cruz, L.Forgione, A.Frigerio, I.Fuks, D.Gavazzi, F.Gayet, B.Giardino, A.Groot Koerkamp, B.Hackert, T.Hassenpflug, M.Kabir, I.Keck, T.Khatkov, I.Kusar, M.Lombardo, C.Marchegiani, G.Marshall, R.Menon, K. V.Montorsi, M.Orville, M.de Pastena, M.Pietrabissa, A.Poves, I.Primrose, J.Pugliese, R.Ricci, C.Roberts, K.Rosok, B.Sahakyan, M. A.Sanchez-Cabus, S.Sandstrom, P.Scovel, L.Solaini, L.Soonawalla, Z.Souche, F. R.Sutcliffe, R. P.Tiberio, G. A.Tomazic, A.Troisi, R.Wellner, U.White, S.Wittel, U. A.Zerbi, A.Bassi, C.Besselink, M. G.Abu Hilal, M.European Consortium on Minimally Invasive Pancreatic, Surgery, Minimally Invasive versus Open Distal Pancreatectomy for Ductal Adenocarcinoma (DIPLOMA): A Pan-European Propensity Score Matched Study. Annals of Surgery. 2019;269;44851	12
5225	G. A.-M. Ogaya-Pinies, H.Palayapalayam-Ganapathi, H.Bonet, X.Rogers, T.Rocco, B.Coelho, R.Hernandez-Cardona, E.Jenson, C.Patel, V., Safety of Live Robotic Surgery: Results from a Single Institution. European Urology Focus. 2019;5;693-697	3
5226	D. J. R. Sanderson, J.Attuwaybi, B.Eddib, A., Robotic Repair of Supratrigonal Vesicovaginal Fistula with Sigmoid Epiploica Interposition. Journal of the Society of Laparoendoscopic Surgeons. 2018;22;Oct-Dec	3
5227	O. O. Takmaz, E.Gundogan, S.Bastu, E.Batukan, C.Dede, S.Gungor, M., Symptoms and Health Quality After Laparoscopic and Robotic Myomectomy. Journal of the Society of Laparoendoscopic Surgeons. 2018;22;Oct-Dec	13
5228	A. A. R.-d.-O. Elias, M.Campos, J. M.Sasake, W. T.Bandeira, A. A.Silva, L. B.Ferreira, B.Ito, R. M.Shirozaki, H. Y.Benetti, F. A.Paiva, L. D. S.Garrido Junior, A. B., Robotic-assisted bariatric surgery: case series analysis and comparison with the laparoscopic approach. Revista do Colegio Brasileiro de Cirurgioes. 2018;45;e1806	12
5229	F. C. Batool, S. D.Albright, J.Ferraro, J.Wu, J.Krapohl, G. L.Campbell, D. A.Cleary, R. K., A Regional and National Database Comparison of Colorectal Outcomes. Journal of the Society of Laparoendoscopic Surgeons. 2018;22;Oct-Dec	12
5230	D. K. K. Kim, K. C.Lee, K. S.Hah, Y. S.Rha, K. H.Hong, S. J.Chung, B. H., Time to Disease Recurrence Is a Predictor of Metastasis and Mortality in Patients with High-risk Prostate Cancer Who Achieved Undetectable Prostate-specific Antigen Following Robot-assisted Radical Prostatectomy. Journal of Korean Medical Science. 2018;33;e285	3
5231	S. S. Arnott, M.Obias, V., Robotic transanal microsurgery for high early rectal neoplasia (T0-T1, N0 lesions), case series of 10 patients. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1956	3
5232	J. B. Liu, E.Zurawin, R. K.Wu, J.Fu, H.Orejuela, F.Guan, X., Robotic Single-Site Sacrocolpopexy with Retroperitoneal Tunneling. Journal of the Society of Laparoendoscopic Surgeons. 2018;22;Jul-Sep	5
5233	E. L. G. Wu, M. E.Kang, S. W.Kandil, E., Robotic Neck Surgery in the Pediatric Population. Journal of the Society of Laparoendoscopic Surgeons. 2018;22;Jul-Sep	3
5234	B. D. S. Beran, M.Padilla, P. F.Farag, S.Escobar, P.Zimberg, S.Sprague, M. L., Laser Angiography to Assess the Vaginal Cuff During Robotic Hysterectomy. Journal of the Society of Laparoendoscopic Surgeons. 2018;22;Apr-Jun	3

5235	A. M. G. Hertz, E. I.Vaccaro, C. M.Brand, T. C., Head-to-Head Comparison of Three Virtual-Reality Robotic Surgery Simulators. Journal of the Society of Laparoendoscopic Surgeons. 2018;22;Jan-Mar	3
5236	O. O. D. Omidele, N.Palese, M., Trifecta Outcomes to Assess Learning Curve of Robotic Partial Nephrectomy. Journal of the Society of Laparoendoscopic Surgeons. 2018;22;Jan-Mar	5
5237	M. B. Kennedy, K.Akelik, A.Constable, Y.Smith, M.Chung, P.Sugiyama, G., Robotic TAPP Ventral Hernia Repair: Early Lessons Learned at an Inner City Safety Net Hospital. Journal of the Society of Laparoendoscopic Surgeons. 2018;22;Jan-Mar	3
5238	F. P. Bruyere, B.Faivre d'Arcier, B.Boutin, J. M.Buchler, M.Brichart, N., Robot-assisted renal transplantation using the retroperitoneal approach (RART) with more than one year follow up: Description of the technique and results. Progres en Urologie. 2018;28;48-54	7
5239	A. S. Jaulim, A.Hori, S.Kumar, N.Warren, A. Y.Shah, N. C.Gnanapragasam, V. J., A comparison of operative and margin outcomes from surgeon learning curves in robot assisted radical prostatectomy in a changing referral practice. Annals of the Royal College of Surgeons of England. 2018;100;226-229	5
5240	S. C. Arora, B.Ahlawat, R. K.Abaza, R.Adshead, J.Porter, J. R.Challacombe, B.Dasgupta, P.Gandaglia, G.Moon, D. A.Yuvaraja, T. B.Capitanio, U.Larcher, A.Porpiglia, F.Mottrie, A.Bhandari, M.Rogers, C., Conversion of Robot-assisted Partial Nephrectomy to Radical Nephrectomy: A Prospective Multi-institutional Study. Urology. 2018;113;85-90	3
5241	T. R. Abe, N.Shinohara, N.Shamim Khan, M.Ahmed, K.Dasgupta, P., The Effect of Visual-Spatial Ability on the Learning of Robot-Assisted Surgical Skills. Journal of Surgical Education. 2018;75;458-464	1
5242	S. A. Arora, R.Adshead, J. M.Ahlawat, R. K.Challacombe, B. J.Dasgupta, P.Gandaglia, G.Moon, D. A.Yuvaraja, T. B.Capitanio, U.Larcher, A.Porpiglia, F.Porter, J. R.Mottrie, A.Bhandari, M.Rogers, C., 'Trifecta' outcomes of robot-assisted partial nephrectomy in solitary kidney: a Vattikuti Collective Quality Initiative (VCQI) database analysis. BJU International. 2018;121;119-123	3
5243	A. E. Elbuluk, N.Vigdorchik, J. M., When Can I Trust The Robot? An Algorithm for CT-Based Robotic-Assisted Total Hip Arthroplasty. Bulletin of the Hospital for Joint Disease (2013). 2018;76;269-272	3
5244	D. R. Z. Magge, M. S.Hamad, A.Rieser, C.Zureikat, A. H.Zeh, H. J.Hogg, M. E., Comprehensive comparative analysis of cost-effectiveness and perioperative outcomes between open, laparoscopic, and robotic distal pancreatectomy. HPB. 2018;20;1172-1180	12
5245	M. H. Nyberg, J.Wiklund, P.Sjoberg, D.Wilderang, U.Carlsson, S. V.Carlsson, S.Stranne, J.Steineck, G.Haglind, E.Bjartell, A.Lappro group, Functional and Oncologic Outcomes Between Open and Robotic Radical Prostatectomy at 24-month Follow-up in the Swedish LAPPRO Trial. European Urology Oncology. 2018;1;353-360	12
5246	L. D. C. Tosco, G.Roumeguere, T.Everaerts, W.Quackels, T.Dekuyper, P.Van Cleynenbreugel, B.Van Damme, N.Van Eycken, E.Ameye, F.Joniau, S.Be, Ralp the Belgian Ralp consortium, Development and External Validation of Nomograms To Predict Adverse Pathological Characteristics After Robotic Prostatectomy: Results of a Prospective, Multi-institutional, Nationwide series. European Urology Oncology. 2018;1;338-345	3

5247	A. C. Larcher, U.De Naeyer, G.Fossati, N.D'Hondt, F.Muttin, F.De Groote, R.Guazzoni, G.Salonia, A.Briganti, A.Montorsi, F.Mottrie, A., Is Robot-assisted Surgery Contraindicated in the Case of Partial Nephrectomy for Complex Tumours or Relevant Comorbidities? A Comparative Analysis of Morbidity, Renal Function, and Oncologic Outcomes. European Urology Oncology. 2018;1;61-68	13
5248	P. L. Gehlbach, Robotic surgery for the eye. Nature Biomedical Engineering. 2018;2;627-628	3
5249	S. R. D. Kelley, E.Larson, D. W., Short-Term Outcomes with Robotic Right Colectomy. American Surgeon. 2018;84;1768-1773	12
5250	V. C. P. Wang, M. A.Kibel, A. S.Xu, X.Gosnell, J.Yong, R. J.Urman, R. D., A Prospective, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate Intravenous Acetaminophen Versus Placebo in Patients Undergoing Robotic-Assisted Laparoscopic Prostatectomy. Journal of Pain & Palliative Care Pharmacotherapy. 2018;32;82-89	3
5251	M. C. Arcerito, E.Falcon, M.Parga, M. A.Bernal, O.Moon, J. T., Robotic Fundoplication for Gastroesophageal Reflux Disease and Hiatal Hernia: Initial Experience and Outcome. American Surgeon. 2018;84;1945-1950	3
5252	A. L. Truong, N.Fleshner, P.Zaghiyan, K., Preservation of Pathologic Outcomes in Robotic versus Open Resection for Rectal Cancer: Can the Robot Fill the Minimally Invasive Gap?. American Surgeon. 2018;84;1876-1881	12
5253	G. M. Marcq, A.Hannink, G.Rizk, J.Sauvain, J.Villers, A.Saffarini, M.Rochat, C. H., Risk of biochemical recurrence based on extent and location of positive surgical margins after robot-assisted laparoscopic radical prostatectomy. BMC Cancer. 2018;18;1291	3
5254	P. W. W. Lundberg, S.Seaone, J.Stoltzfus, J.Claros, L.El Chaar, M., Robotic gastric bypass is getting better: first results from the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program. Surgery for Obesity & Related Diseases. 2018;14;1240-1245	12
5255	S. K. Zhang, J.Li, D.Jiang, X.Sun, R.Li, Y., Robotic total gastrectomy with pi-shaped esophagojejunostomy using a linear stapler as a novel technique. World Journal of Surgical Oncology. 2018;16;238	3
5256	J. S. K. Shim, J. Y.Pyun, J. H.Cho, S.Oh, M. M.Kang, S. H.Lee, J. G.Kim, J. J.Cheon, J.Kang, S. G., Comparison of effective teaching methods to achieve skill acquisition using a robotic virtual reality simulator: Expert proctoring versus an educational video versus independent training. Medicine. 2018;97;e13569	1
5257	P. C. v. H. van der Sluis, R., Robot assisted minimally invasive esophagectomy (RAMIE) for esophageal cancer. Best Practice & Research in Clinical Gastroenterology. 2018;36-37;81-83	8
5258	H. C. R. Lee, H. G.Kim, H. J.Park, Y.Yoon, S. B.Yang, S. M.Oh, H. W.Jung, C. W., Excessive remifentanil during total intravenous anesthesia is associated with increased risk of pain after robotic thyroid surgery. PLoS ONE [Electronic Resource]. 2018;13;e0209078	3
5259	H. W. Kitahara, B.Balkhy, H. H., Can Robotic-Assisted Surgery Overcome the Risk of Mortality in Cardiac Reoperation?. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2018;13;438-444	3
5260	C. Y. C. Lee, I. H.Torng, P. L., Robotic myomectomy for large uterine myomas. Taiwanese Journal of Obstetrics & Gynecology. 2018;57;796-800	3
5261	R. A. K. McGovern, E. P.Gupta, A.Moosa, A. N. V.Wyllie, E.Bingaman, W. E.Gonzalez-Martinez, J., Robot-assisted stereoelectroencephalography in children. Journal of Neurosurgery. Pediatrics.. 2018;23;288-296	3

5262	P. C. Bourdillon, C. E.Moles, A.Rheims, S.Catenoix, H.Montavont, A.Ostrowsky-Coste, K.Boulogne, S.Isnard, J.Guenot, M., Effective accuracy of stereoelectroencephalography: robotic 3D versus Talairach orthogonal approaches. Journal of Neurosurgery. 2018;131;1938-1946	12
5263	N. K. F. Christidis, S. A.Swinamer, S. A.Bagur, R.Sridhar, K.Lavi, S.Iglesias, I.Bainbridge, D.Jones, P. M.Harle, C. C.Chu, M. W. A.Teefy, P.Kiaii, B. B., Reason and Timing for Conversion to Sternotomy in Robotic-Assisted Coronary Artery Bypass Grafting and Patient Outcomes. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2018;13;423-427	3
5264	O. A. Sen, U.Kadirogullari, E.Bayram, M.Karacalilar, M.Kutluk, E.Onan, B., Mid-Term Results of Peripheral Cannulation After Robotic Cardiac Surgery. Brazilian Journal of Cardiovascular Surgery. 2018;33;443-447	3
5265	W. N. A. Raad, A.Huang, C. Y.Guntman, L.Rehmani, S. S.Bhora, F. Y., Robotic Thoracic Surgery Training for Residency Programs: A Position Paper for an Educational Curriculum. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2018;13;417-422	3
5266	P. S. S. Chandra, H.Bajaj, J.Girishan, S.Doddamani, R.Ramanujam, B.Chouhan, M. S.Garg, A.Tripathi, M.Bal, C. S.Sarkar, C.Dwivedi, R.Sapra, S.Tripathi, M., Endoscope-assisted (with robotic guidance and using a hybrid technique) interhemispheric transcallosal hemispherotomy: a comparative study with open hemispherotomy to evaluate efficacy, complications, and outcome. Journal of Neurosurgery. Pediatrics.. 2018;23;187-197	12
5267	C. H. Neudorfer, S.Hellmich, M.El Majdoub, F.Maarouf, M., Comparative Study of Robot-Assisted versus Conventional Frame-Based Deep Brain Stimulation Stereotactic Neurosurgery. Stereotactic & Functional Neurosurgery. 2018;96;327-334	12
5268	M. B. Price, A.Clagett, M., Improving Efficiency and Standardization in a Robotics Program: A Quality Improvement Project. AORN Journal. 2018;108;652-660	3
5269	A. F. K. Chen, G. S.Jessop, G. W.Makhdom, A., Robotic Technology in Orthopaedic Surgery. Journal of Bone & Joint Surgery - American Volume. 2018;100;1984-1992	3
5270	O. N. Burkhardt, J. E.John, H.Randazzo, M., Does seminal vesicle-sparing robotic radical prostatectomy influence postoperative prostate-specific antigen measured with an ultrasensitive immunoassay?. Swiss Medical Weekly. 2018;148;w14685	3
5271	Y. H. Zhang, D.Zhang, C.Hu, Z., Total laparoscopic versus robot-assisted laparoscopic pancreaticoduodenectomy. Bioscience Trends. 2018;12;484-490	12
5272	S. C. K. Heidorn, W.Furweger, C., Novel Monte Carlo dose calculation algorithm for robotic radiosurgery with multi leaf collimator: Dosimetric evaluation. Physica Medica. 2018;55;25-32	1
5273	Y. P. Park, H. J.Jang, W. I.Jeong, B. K.Kim, H. J.Chang, A. R., Long-term results and PSA kinetics after robotic SBRT for prostate cancer: multicenter retrospective study in Korea (Korean radiation oncology group study 15-01). Radiation Oncology. 2018;13;230	3
5274	X. Z. Zhou, H.Feng, M.Zhao, J.Fu, Y., New remote centre of motion mechanism for robot-assisted minimally invasive surgery. Biomedical Engineering Online. 2018;17;170	3
5275	D. K. Ikarashi, Y.Kanehira, M.Takata, R.Ito, A.Onoda, M.Kato, R.Matsuura, T.Iwasaki, K.Obara, W., Appropriate preoperative membranous urethral length predicts recovery of urinary continence after robot-assisted laparoscopic prostatectomy. World Journal of Surgical Oncology. 2018;16;224	3
5276	M. P. Shahbazi, B.Siroen, K.Schlachta, C. M.Patel, R. V., Robotics-Assisted Surgical Skills Evaluation based on Electrocortical Activity. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2018;2018;3673-3676	3

5277	O. M. H. Omisore, S. P.Ren, L. X.Zhao, Z. C.Wang, L., Adaptation of Translated Frame-Based Approach for Forward Kinematics in a Radiosurgical Snake-Like Robot. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2018;2018;3669-3672	3
5278	I. S. Tamadon, G.Dario, P.Menciassi, A., Novel Robotic Approach for Minimally Invasive Aortic Heart Valve Surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2018;2018;3656-3659	3
5279	A. H. Ebrahimi, C.Roizenblatt, M.Patel, N.Sefati, S.Gehlbach, P.Iordachita, I., Real-Time Sclera Force Feedback for Enabling Safe Robot-Assisted Vitreoretinal Surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2018;2018;3650-3655	8
5280	A. P. Mariani, E.Enayati, N.Kazanzides, P.Vidotto, M.De Momi, E., Design and Evaluation of a Performance-based Adaptive Curriculum for Robotic Surgical Training: a Pilot Study. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2018;2018;2162-2165	3
5281	Z. F. Wang, A. M., SATR-DL: Improving Surgical Skill Assessment And Task Recognition In Robot-Assisted Surgery With Deep Neural Networks. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2018;2018;1793-1796	8
5282	T. K. Tayama, Y.Marinho, M. M.Koyama, Y.Harada, K.Omata, S.Arai, F.Sugimoto, K.Araki, F.Totsuka, K.Takao, M.Aihara, M.Mitsuishi, M., Autonomous Positioning of Eye Surgical Robot Using the Tool Shadow and Kalman Filtering. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2018;2018;1723-1726	3
5283	B. P. Gonenc, N.Iordachita, I., Evaluation of a Force-Sensing Handheld Robot for Assisted Retinal Vein Cannulation. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2018;2018;44566	3
5284	G. V. de Bonnecaze, B.Dupret-Bories, A.Serrano, E.Vergez, S., Transoral robotic surgery of the tongue base for obstructive sleep apnea: Preliminary results. European annals of otorhinolaryngology, head & neck diseases. 2018;135;411-415	3
5285	C. Dyer, Robot assisted surgery is blamed for heart patient's death. BMJ. 2018;363;k4791	8
5286	S. K. Masic, A., Robotic Inferior Vena Cava Thrombectomy: Are We Entering the House Through an Attic Window?. European Urology Focus. 2018;4;641-642	3
5287	S. K. Baliga, R.Jiang, J.Mehta, V.Guha, C.Kalnicki, S.Smith, R. V.Garg, M. K., Utilization of Transoral Robotic Surgery (TORS) in patients with Oropharyngeal Squamous Cell Carcinoma and its impact on survival and use of chemotherapy. Oral Oncology. 2018;86;75-80	13
5288	R. B. H. Cannon, J. J.Patel, S.Raju, S.Noble, A.Futran, N. D.Parvathaneni, U.Mendez, E., Patterns of cervical node positivity, regional failure rates, and fistula rates for HPV+ oropharyngeal squamous cell carcinoma treated with transoral robotic surgery (TORS). Oral Oncology. 2018;86;296-300	3
5289	P. P. Mazerolle, P.Garrel, R.Aubry, K.Moriniere, S.El Bedoui, S.Ton Van, J.Ferron, C.Malard, O.Jegoux, F.Berard, E.Vergez, S., Oncological and functional outcomes of trans-oral robotic surgery for pyriform sinus carcinoma: A French GETTEC group study. Oral Oncology. 2018;86;165-170	3
5290	S. P. A. Gallagher, A.Kirkpatrick, V. E.Saffarzadeh, A. G.Thein, M. S.Wilson, S. E., Learning Curve of Robotic Lobectomy for Early-Stage Non-Small Cell Lung Cancer by a Thoracic Surgeon Adept in Open Lobectomy. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2018;13;321-327	13
5291	B. U. C. Shyr, S. C.Shyr, Y. M.Wang, S. E., Learning curves for robotic pancreatic surgery-from distal pancreatectomy to pancreaticoduodenectomy. Medicine. 2018;97;e13000	5

5292	R. K. A. Orosco, A.Jeannon, J. P.Holsinger, F. C., Next-Generation Robotic Head and Neck Surgery. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties. 2018;80;213-219	1
5293	B. P. Gys, E.Van den Broeck, S.Hubens, G.Komen, N., Robotic Posterior Suturepexy for Colonic Prolapse Two Years After Transanal Total Mesorectal Excision for Low Rectal Cancer. Diseases of the Colon & Rectum. 2018;61;1454	3
5294	G. M. Lawson, A.Fakhoury, R.Van der Vorst, S.Remacle, M.Bachy, V.Delahaut, G., Transoral Robotic Surgery Total Laryngectomy. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties. 2018;80;171-177	3
5295	K. A. H. Musgrove, J. A.Holmes, S. D.Leung, A.Abbas, G., Robotic Versus Video-Assisted Thoracoscopic Surgery Pulmonary Segmentectomy: A Cost Analysis. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2018;13;338-343	13
5296	J. S. K. Park, J.Jang, W. S.Heo, J. E.Elghiaty, A.Rha, K. H.Choi, Y. D.Ham, W. S., Management of postoperative ileus after robot-assisted laparoscopic prostatectomy. Medicine. 2018;97;e13036	3
5297	P. T. F. Ramirez, M.Pareja, R.Lopez, A.Vieira, M.Ribeiro, R.Buda, A.Yan, X.Shuzhong, Y.Chetty, N.Isla, D.Tamura, M.Zhu, T.Robledo, K. P.Gebski, V.Asher, R.Behan, V.Nicklin, J. L.Coleman, R. L.Obermair, A., Minimally Invasive versus Abdominal Radical Hysterectomy for Cervical Cancer. New England Journal of Medicine. 2018;379;1895-1904	4
5298	C. A. A. Green, D.Chern, H.O'Sullivan, P. S., Is Robotic Surgery Highlighting Critical Gaps in Resident Training?. Journal of Graduate Medical Education. 2018;10;491-493	3
5299	G. S. Carlos, M., Robotic Emergencies: Are You Prepared for a Disaster?. AORN Journal. 2018;108;493-501	8
5300	E. K. Islamoglu, K.Ozsoy, C.Tokgoz, H.Ates, M.Savas, M., The Learning Curve Does Not Affect Positive Surgical Margin Status in Robot-Assisted Laparoscopic Prostatectomy. Urology Journal. 2018;15;333-338	5
5301	Y. C. L. Chen, H. H.Hsiao, S. M., Comparison of robotic assisted laparoscopic myomectomy with barbed sutures and traditional laparoscopic myomectomy with barbed sutures. Taiwanese Journal of Obstetrics & Gynecology. 2018;57;709-712	13
5302	X. W. Z. Ke, X.Wei, X.Shen, Y. Q.Gan, J. H.Tian, J. H.Hu, Z. Q., Robotic-assisted Laparoscopic Nephrectomy with Vein Thrombectomy: Initial Experience and Outcomes from a Single Surgeon. Current Medical Science. 2018;38;834-839	3
5303	G. D. L. Cacciamani, N.De Marco, V.Sebben, M.Bizzotto, L.De Marchi, D.Cerruto, M. A.Siracusano, S.Benito Porcaro, A.Artibani, W., Robotic bladder diverticulectomy: step-by-step extravesical posterior approach - technique and outcomes. Scandinavian Journal of Urology. 2018;52;285-290	3
5304	S. M. N. Jafri, L. N.Sirls, L. T., Recovery of urinary function after robotic-assisted laparoscopic prostatectomy versus radical perineal prostatectomy for early-stage prostate cancer. International Urology & Nephrology. 2018;50;2187-2191	12
5305	M. A. Peer, S.Gofman, V.Kushnir, M.Davidson, B.Armon, C., Robotic Mediastinal Surgery in Patients with Suspected Thymic Neoplasms: First Israeli Experience. Israel Medical Association Journal: Imaj. 2018;20;637-641	3
5306	D. S. Z. Keller, K.Mizell, J. S., Use of robotic technology: a survey of practice patterns of the ASCRS Young Surgeons Committee. Techniques in Coloproctology. 2018;22;715-717	1

5307	B. G. K. Kadioglu, Y.Baran, F. S., Gynaecological robotic surgery at a state hospital - our own experience. Ginekologia Polska. 2018;89;495-499	3
5308	E. S. J. Choi, Y. T.Sohn, H. M.Kim, D. W.Choi, S. J.In, C. B., Comparison of the effects of desflurane and total intravenous anesthesia on the optic nerve sheath diameter in robot assisted laparoscopic radical prostatectomy: A randomized controlled trial. Medicine. 2018;97;e12772	3
5309	H. K. K. Kim, H. Y.Chai, Y. J.Dionigi, G.Berber, E.Tufano, R. P., Transoral Robotic Thyroidectomy: Comparison of Surgical Outcomes Between the da Vinci Xi and Si. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2018;28;404-409	3
5310	I. F. Pinar, T.Thygesen, L. C.Gogenur, I., Long-Term Outcomes of Robot-Assisted Surgery in Patients with Colorectal Cancer. Annals of Surgical Oncology. 2018;25;3906-3912	12
5311	X. S. Qi, Y.Ma, X.Hu, Y.Zhang, J.Tian, W., Multilevel Fuzzy Control Based on Force Information in Robot-Assisted Decompressive Laminectomy. Advances in Experimental Medicine & Biology. 2018;1093;263-279	3
5312	M. J. I. Persky, M.Bonfili, J. R.Goyal, N.Goldenberg, D.Duvvuri, U., Transoral surgery using the Flex Robotic System: Initial experience in the United States. Head & Neck. 2018;40;2482-2486	3
5313	S. R. C. Nodzo, C. C.Carroll, K. M.Barlow, B. T.Banks, S. A.Padgett, D. E.Mayman, D. J.Jerabek, S. A., Intraoperative placement of total hip arthroplasty components with robotic-arm assisted technology correlates with postoperative implant position: a CT-based study. Bone & Joint Journal. 2018;100-B;1303-1309	3
5314	D. A. K. Shin, C.Yudoyono, F.Yun, Y.Ha, Y.Kang, S., Feasibility of Percutaneous Robot-Assisted Epiduroscopic System. Pain Physician. 2018;21;E565-E571	7
5315	W. W. C. Kim, J. A.Lee, J.Jung, J. H.Park, H. Y., Fluorescence imaging-guided robotic thyroidectomy and central lymph node dissection. Journal of Surgical Research. 2018;231;297-303	3
5316	J. A. Jeyarajah, I.Jacovou, E., Anaesthesia and Perioperative Care for Transoral Robotic Surgery. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties. 2018;80;125-133	3
5317	M. K. Garstka, E.Saparova, L.Bechara, M.Green, R.Haddad, A. B.Kang, S. W.Aidan, P., Surgery for Graves' disease in the era of robotic-assisted surgery: a study of safety and feasibility in the Western population. Langenbecks Archives of Surgery. 2018;403;891-896	12
5318	A. C. Minervini, R.Di Maida, F.Mari, A.Montagnani, I.Tellini, R.Tuccio, A.Siena, G.Vittori, G.Lapini, A.Raspollini, M. R.Carini, M., Tumor-parenchyma interface and long-term oncologic outcomes after robotic tumor enucleation for sporadic renal cell carcinoma. Urologic Oncology. 2018;36;527.e1-527.e11	3
5319	D. S. K. Schoeb, J.Schlager, D.Muller, P. F.Miernik, A.Bahls, T., Robotic waterjet wound debridement - Workflow adaption for clinical application and systematic evaluation of a novel technology. PLoS ONE [Electronic Resource]. 2018;13;e0204315	3
5320	N. K. O. Chou, R.Tedoriya, T.Wu, I. H.Yu, H. Y.Chen, Y. S.Wang, M. J.Chi, N. H., Robotic Transmitral Approach for Hypertrophic Cardiomyopathy With Systolic Anterior Motion. Circulation Journal. 2018;82;2761-2766	13
5321	g. European Society of Coloproctology collaborating, An international multicentre prospective audit of elective rectal cancer surgery; operative approach versus outcome, including transanal total mesorectal excision (TaTME). Colorectal Disease. 2018;20 Suppl 6;33-46	12

5322	G. V. Corrado, E.Cela, V.Mereu, L.Bogliolo, S.Legge, F.Ciccarone, F.Mancini, E.Gallotta, V.Baiocco, E.Monterossi, G.Perri, M. T.Zampa, A.Pasciuto, T.Scambia, G., Laparoscopic versus robotic hysterectomy in obese and extremely obese patients with endometrial cancer: A multi-institutional analysis. European Journal of Surgical Oncology. 2018;44;1935-1941	13
5323	F. V. C. Muysoms, S.Pletinckx, P.Ballecer, C.Ramaswamy, A., Robotic transabdominal retromuscular umbilical prosthetic hernia repair (TARUP): observational study on the operative time during the learning curve. Hernia. 2018;22;1101-1111	5
5324	R. B. Canetti, C.Bankhead, C.Neyret, P.Servien, E.Lustig, S., Faster return to sport after robotic-assisted lateral unicompartmental knee arthroplasty: a comparative study. Archives of Orthopaedic & Trauma Surgery. 2018;138;1765-1771	12
5325	S. H. L. Park, J. Y.Nam, E. J.Kim, S.Kim, S. W.Kim, Y. T., Prediction of perioperative complications after robotic-assisted radical hysterectomy for cervical cancer using the modified surgical Apgar score. BMC Cancer. 2018;18;908	3
5326	W. d. S. Ranasinghe, D.Bandaragoda, T.Adikari, A.Alahakoon, D.Persad, R.Lawrentschuk, N.Bolton, D., Robotic-assisted vs. open radical prostatectomy: A machine learning framework for intelligent analysis of patient-reported outcomes from online cancer support groups. Urologic Oncology. 2018;36;529.e1-529.e9	12
5327	M. T. Y. Stang, L.Wharry, L.Bartlett, D. L.McCoy, K. L.Carty, S. E., Gasless Transaxillary Endoscopic Thyroidectomy with Robotic Assistance: A High-Volume Experience in North America. Thyroid. 2018;28;1655-1661	3
5328	P. D. Hong, G.Zhu, D.Yang, K.Pan, J.Li, X.Chen, Z.Zhang, L.Tang, Q.Hao, H.Zhou, Z.Zhou, L., Head-to-Head Comparison of Modified Laparoscopic Pyeloplasty and Robot-Assisted Pyeloplasty for Ureteropelvic Junction Obstruction in China. Urologia Internationalis. 2018;101;337-344	13
5329	N. K. Fujita, T.Hashimoto, Y.Narita, T.Tobisawa, Y.Tanaka, T.Noro, D.Oikawa, M.Hagiwara, K.Yoneyama, T.Imai, A.Yamamoto, H.Hatakeyama, S.Yoneyama, T.Ohyama, C., Neoadjuvant chemohormonal therapy followed by robot-assisted and minimum incision endoscopic radical prostatectomy in patients with high-risk prostate cancer: comparison of perioperative and oncological outcomes at single institution. International Urology & Nephrology. 2018;50;1999-2005	12
5330	M. P. Hur, S. K.Jung, D. E.Yoo, S.Choi, J. Y.Kim, W. H.Kim, J. T.Bahk, J. H., Effect of prolonged inspiratory time on gas exchange during robot-assisted laparoscopic urologic surgery. Anaesthesist. 2018;67;859-867	3
5331	A. C. Martini, S.Beksac, A. T.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Porter, J. R.Badani, K. K., A Nomogram to Predict Significant Estimated Glomerular Filtration Rate Reduction After Robotic Partial Nephrectomy. European Urology. 2018;74;833-839	3
5332	G. B. Spinoglio, P. P.Marano, A.Priora, F.Lenti, L. M.Ravazzoni, F.Petz, W.Borin, S.Ribero, D.Formisano, G.Bertani, E., Robotic Versus Laparoscopic Right Colectomy with Complete Mesocolic Excision for the Treatment of Colon Cancer: Perioperative Outcomes and 5-Year Survival in a Consecutive Series of 202 Patients. Annals of Surgical Oncology. 2018;25;3580-3586	12
5333	M. L. Spaggiari, F. R.Di Bella, C.Giulianotti, P. C.Benedetti, E.Oberholzer, J.Tzvetanov, I., Minimally invasive, robot-assisted procedure for kidney transplantation among morbidly obese: Positive outcomes at 5 years post-transplant. Clinical Transplantation. 2018;32;e13404	13
5334	H. R. T. Chen, H. K.Kao, C. C.Tsao, C. W.Meng, E.Sun, G. H.Yu, D. S.Wu, S. T., Robot-assisted radical prostatectomy may induce inguinal hernia within the first 2 years: An 11-year single-surgeon experience of >400 cases. Medicine. 2018;97;e12208	3

5335	M. M. Trommer-Nestler, S.Kocher, M.Rues, D.Schlaak, M.Theurich, S.von Bergwelt-Baildon, M.Morgenthaler, J.Jablonska, K.Celik, E.Ruge, M. I.Baues, C., Robotic Stereotactic Radiosurgery in Melanoma Patients with Brain Metastases under Simultaneous Anti-PD-1 Treatment. International Journal of Molecular Sciences. 2018;19;7	3
5336	M. L. He, Y.Xiang, Z.Sun, L. A.Zhu, Y.Hu, X.Guo, J.Wang, H., Short interval of biopsy to robotic-assisted laparoscopic radical prostatectomy does not render any adverse effects on the perioperative outcomes. Medicine. 2018;97;e11686	3
5337	S. X. S. Yang, Z. Q.Zhou, Q. B.Xu, J. Z.Chang, Y.Xia, K. K.Wang, G. X.Li, Z.Song, J. M.Zhang, Z. Y.Yuan, W. T.Liu, J. B., Security and Radical Assessment in Open, Laparoscopic, Robotic Colorectal Cancer Surgery: A Comparative Study. Technology in Cancer Research & Treatment. 2018;17;1533033818794160	12
5338	A. R. Guni, N.Challacombe, B.Khan, S.Dasgupta, P.Ahmed, K., Development of a technical checklist for the assessment of suturing in robotic surgery. Surgical Endoscopy. 2018;32;4402-4407	3
5339	T. K. Yamaguchi, Y.Shiomi, A.Kagawa, H.Yamakawa, Y.Furuatni, A.Manabe, S.Yamaoka, Y.Hino, H., Short- and long-term outcomes of robotic-assisted laparoscopic surgery for rectal cancer: results of a single high-volume center in Japan. International Journal of Colorectal Disease. 2018;33;1755-1762	3
5340	D. H. J. Koh, W. S.Park, J. W.Ham, W. S.Han, W. K.Rha, K. H.Choi, Y. D., Efficacy and Safety of Robotic Procedures Performed Using the da Vinci Robotic Surgical System at a Single Institute in Korea: Experience with 10000 Cases. Yonsei Medical Journal. 2018;59;975-981	3
5341	P. S. R. Kingo, T. M.Jakobsen, L. K.Palmfeldt, J.Norregaard, R.Borre, M.Jensen, J. B., Robot-assisted laparoscopic cystectomy with intracorporeal urinary diversion vs. open mini-laparotomy cystectomy: evaluation of surgical inflammatory response and immunosuppressive ability of CO₂-pneumoperitoneum in an experimental porcine study. Scandinavian Journal of Urology. 2018;52;249-255	7
5342	W. W. L. Kim, J.Jung, J. H.Park, H. Y.Tufano, R. P.Kim, H. Y., A comparison study of the transoral and bilateral axillo-breast approaches in robotic thyroidectomy. Journal of Surgical Oncology. 2018;118;381-387	3
5343	A. P. M. Sharma, R. S.Bora, G. S.Devana, S. K.Singh, S. K.Mandal, A. K., Predicting trifecta outcomes after robot-assisted nephron-sparing surgery: Beyond the nephrometry score. Investigative And Clinical Urology. 2018;59;305-312	3
5344	X. W. Zhang, B., Robot-assisted Surgery for Renal Cell Carcinoma with Caval Thrombosis. European Urology Focus. 2018;4;639-640	8
5345	N. S. Nakamura, N.Sakai, T.Nakahara, I., Does Robotic Milling For Stem Implantation in Cementless THA Result in Improved Outcomes Scores or Survivorship Compared with Hand Rasping? Results of a Randomized Trial at 10 Years. Clinical Orthopaedics & Related Research. 2018;476;2169-2173	12
5346	N. A. Hamidi, A. F.Canda, A. E.Keske, M.Gok, B.Koc, E.Asil, E.Ardicoglu, A., Does Presence of a Median Lobe Affect Perioperative Complications, Oncological Outcomes and Urinary Continence Following Robotic-assisted Radical Prostatectomy?. Urology Journal. 2018;15;248-255	3
5347	I. B. Kassite, K.Villemagne, T.Lardy, H.Binet, A., The learning curve of robot-assisted laparoscopic pyeloplasty in children: a multi-outcome approach. Journal of pediatric urology. 2018;14;570.e1-570.e10	5
5348	C. J. M. Wijburg, C. T. J.Oddens, J. R.Grutters, J. P. C.Witjes, J. A.Rovers, M. M., Robot assisted radical cystectomy versus open radical cystectomy in bladder cancer (RACE): study protocol of a non-randomized comparative effectiveness study. BMC Cancer. 2018;18;861	8

5349	X. T. Le, W.Shi, Z.Han, X.Liu, Y.Liu, B.He, D.Yuan, Q.Sun, Y.Xu, Y., Robot-Assisted Versus Fluoroscopy-Assisted Cortical Bone Trajectory Screw Instrumentation in Lumbar Spinal Surgery: A Matched-Cohort Comparison. World Neurosurgery. 2018;120;e745-e751	12
5350	B. K. R. Varda, A.Yu, R. N.Lee, R. S., A contemporary single-institution retrospective cohort study comparing perioperative outcomes between robotic and open partial nephrectomy for poorly functioning renal moieties in children with duplex collecting systems. Journal of pediatric urology. 2018;14;549.e1-549.e8	13
5351	J. B. Garisto, R.Kaouk, J., Transperineal Approach for Intracorporeal Ileal Conduit Urinary Diversion Using a Purpose-built Single-port Robotic System: Step-by-step. Urology. 2018;122;179-184	1
5352	P. B. Rouanet, M. M.Jarlier, M.Mourregot, A.Traore, D.Taoum, C.de Forges, H.Colombo, P. E., Robotic Versus Laparoscopic Total Mesorectal Excision for Sphincter-Saving Surgery: Results of a Single-Center Series of 400 Consecutive Patients and Perspectives. Annals of Surgical Oncology. 2018;25;3572-3579	12
5353	V. G. Gallotta, M. T.Conte, C.Sarandeses, A. V.D'Indinosante, M.Federico, A.Tortorella, L.Carbone, M. V.Gueli Alletti, S.Vizzielli, G.Costantini, B.Scambia, G.Ferrandina, G., Minimally invasive salvage lymphadenectomy in gynecological cancer patients: A single institution series. European Journal of Surgical Oncology. 2018;44;1568-1572	2
5354	X. L. Zhao, Q.Campi, R.Ji, C.Guo, S.Liu, G.Zhang, S.Li, X.Gan, W.Minervini, A.Guo, H., Endoscopic Robot-assisted Simple Enucleation Versus Laparoscopic Simple Enucleation With Single-layer Renorrhaphy in Localized Renal Tumors: A Propensity Score-matched Analysis From a High-volume Centre. Urology. 2018;121;97-103	13
5355	C. P. M.-G. Childers, M., Estimation of the Acquisition and Operating Costs for Robotic Surgery. JAMA. 2018;320;835-836	3
5356	S. Q. G. Perkins, Z. C.Buck, B. J.Ortiz, J.Sindhwani, P.Ekwenna, O., Initial Experience with the Use of a Robotic Stapler for Robot-Assisted Donor Nephrectomy. Journal of Endourology. 2018;32;1054-1057	3
5357	N. A. B. Brooks, R. S.Strigenz, M. E.Mott, S. L.Brown, J. A., Nongenitourinary complications associated with robot-assisted laparoscopic and radical retropubic prostatectomy: A single institution assessment of 1,100 patients over 11 years. Urologic Oncology. 2018;36;501.e9-501.e13	12
5358	C. W. L. Chen, Y. H.Gerber, M. J.Cheng, H.Yang, Y. C.Govetto, A.Francone, A. A.Soatto, S.Grundfest, W. S.Hubschman, J. P.Tsao, T. C., Intraocular robotic interventional surgical system (IRISS): Semi-automated OCT-guided cataract removal. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1949	3
5359	P. L. Zhu, W.Ding, Z. Y.Luo, H. C.Zhang, B. H.Zhang, W. G.Zhang, W.Zhang, Z. G.Zhang, B. X.Chen, X. P., Intraoperative ultrasonography of robot-assisted laparoscopic hepatectomy: initial experiences from 110 consecutive cases. Surgical Endoscopy. 2018;32;4071-4077	3
5360	G. J. Blache, C.Mathis, J.Knight, S.Houvenaeghel, G.Lambaudie, E., Can we use robotic surgery for the treatment of pelvic recurrence and locally advanced tumors in gynecological surgery?. Journal of Gynecology Obstetrics and Human Reproduction. 2018;47;431-435	3
5361	J. H. Zhao, J.Jiang, Z.Wang, G.Liu, J.Wang, H.Fang, P.Liu, X.Wang, J.Li, J., Outcome of Discharge Within 72 Hours of Robotic Gastrectomy Using Enhanced Recovery After Surgery Programs. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1279-1286	3
5362	J. S. N. Shim, T. I.Kim, J. Y.Pyun, J. H.Cho, S.Oh, M. M.Kang, S. H.Cheon, J.Lee, J. G.Kim, J. J.Kang, S. G., Predictive Validation of a Robotic Virtual Reality Simulator: The Tube 3 module for Practicing Vesicourethral Anastomosis in Robot-Assisted Radical Prostatectomy. Urology. 2018;122;32-36	3

5363	A. G. Forsmark, J.Angenete, E.Bjartell, A.Bjorholt, I.Carlsson, S.Hugosson, J.Marlow, T.Stinesen-Kollberg, K.Stranne, J.Wallerstedt, A.Wiklund, P.Wilderang, U.Haglind, E., Health Economic Analysis of Open and Robot-assisted Laparoscopic Surgery for Prostate Cancer Within the Prospective Multicentre LAPPRO Trial. European Urology. 2018;74;816-824	4
5364	R. K. Ishiyama, T.Takagi, T.Iizuka, J.Kobayashi, H.Omae, K.Fukuda, H.Ishihara, H.Tanabe, K., Impact of the Mayo Adhesive Probability Score on the Complexity of Robot-Assisted Partial Nephrectomy. Journal of Endourology. 2018;32;928-933	3
5365	T. O. Koie, C.Yoneyama, T.Nagasaka, H.Yamamoto, H.Imai, A.Hatakeyama, S.Hashimoto, Y., Robotic cross-folded U-configuration intracorporeal ileal neobladder for muscle-invasive bladder cancer: Initial experience and functional outcomes. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1955	3
5366	I. M. Kastalskiy, V.Lobov, S.Krilova, N.Pimashkin, A.Kazantsev, V., A Neuromuscular Interface for Robotic Devices Control. Computational & Mathematical Methods in Medicine. 2018;2018;8948145	3
5367	M. D. M. Chang, N.Liu, S.Shehebar, J., Port site hernias following robotic colorectal surgery in people with obesity. BMJ Case Reports. 2018;23;23	3
5368	A. P. Rashid, B.Kinfe, T. M.Surber, G.Hamm, K.Bostrom, J. P., LINAC stereotactic radiosurgery for trigeminal neuralgia -retrospective two-institutional examination of treatment outcomes. Radiation Oncology. 2018;13;153	2
5369	A. L. Heinze, A.Umari, P.Fossati, N.Piccolo, J.De Groote, R.Goossens, M.De Coninck, V.De Naeyer, G.Mottrie, A., Assessing perioperative, functional and oncological outcomes of patients with imperative versus elective indications for robot-assisted partial nephrectomy: Results from a high-volume center. International Journal of Urology. 2018;25;826-831	3
5370	C. K. Pasrija, Z. N.Ghoreishi, M.Lehr, E. J.Gammie, J. S.Griffith, B. P.Bonatti, J.Taylor, B. S., Cost and Outcome of Minimally Invasive Techniques for Coronary Surgery Using Robotic Technology. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2018;13;282-286	3
5371	P. B. K. Nguyen, B.Bappy, D. M.Choi, E.Park, S.Ko, S. Y.Park, J. O.Kim, C. S., Real-time microrobot posture recognition via biplane X-ray imaging system for external electromagnetic actuation. International Journal of Computer Assisted Radiology & Surgery. 2018;13;1843-1852	3
5372	X. O.-P. Bonet, G.Woodlief, T.Hernandez-Cardona, E.Ganapathi, H.Rogers, T.Coelho, R. F.Rocco, B.Vigues, F.Patel, V., Nerve-sparing in salvage robot-assisted prostatectomy: surgical technique, oncological and functional outcomes at a single high-volume institution. BJU International. 2018;122;837-844	3
5373	K. W. A. Law, K.Couture, F.Tholomier, C.Bondarenko, H. D.Preisser, F.Karakiewicz, P. I.Zorn, K. C., Use of the AccuVein AV400 during RARP: an infrared augmented reality device to help reduce abdominal wall hematoma. Canadian Journal of Urology. 2018;25;9384-9388	2
5374	M. A. E. Ulm, A. C.Tillmanns, T. D., Celecoxib versus ketorolac following robotic hysterectomy for the management of postoperative pain: An open-label randomized control trial. Gynecologic Oncology. 2018;151;124-128	3
5375	K. K. Takechi, S.Shimizu, I.Yorozuya, T., Lower limb perfusion during robotic-assisted laparoscopic radical prostatectomy evaluated by near-infrared spectroscopy: an observational prospective study. BMC Anesthesiology. 2018;18;114	3
5376	L. C. Marconi, B., Robotic Partial Nephrectomy for Posterior Renal Tumours: Retro or Transperitoneal Approach?. European Urology Focus. 2018;4;632-635	3

5377	G. C. Scotton, T.Zerbinati, A.Tosato, S. M.Orsini, C.Morpurgo, E., From Laparoscopic Right Colectomy with Extracorporeal Anastomosis to Robot-Assisted Intracorporeal Anastomosis to Totally Robotic Right Colectomy for Cancer: The Evolution of Robotic Multiquadrant Abdominal Surgery. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1216-1222	12
5378	X. G. Bao, S.Xiao, N.Li, Y.Shi, L., Compensatory force measurement and multimodal force feedback for remote-controlled vascular interventional robot. Biomedical Microdevices. 2018;20;74	3
5379	M. N. Raoof, ClmaMelstrom, L. G.Warner, S. G.Woo, Y.Singh, G.Fong, Y., Oncologic outcomes after robot-assisted versus laparoscopic distal pancreatectomy: Analysis of the National Cancer Database. Journal of Surgical Oncology. 2018;118;651-656	12
5380	I. S. Fayed, M. F.Gaillard, W. D.Keating, R. F.Oluigbo, C. O., MR-Guided Laser Interstitial Thermal Therapy for Medically Refractory Lesional Epilepsy in Pediatric Patients: Experience and Outcomes. Pediatric Neurosurgery. 2018;53;322-329	2
5381	B. D. V. Gorissen, M.Reynaerts, D., Chip-on-tip endoscope incorporating a soft robotic pneumatic bending microactuator. Biomedical Microdevices. 2018;20;73	3
5382	A. D. Hosseini, L.Laurin, O.Adding, C.Hoijer, J.Ebbing, J.Collins, J. W., Ureteric stricture rates and management after robot-assisted radical cystectomy: a single-centre observational study. Scandinavian Journal of Urology. 2018;52;244-248	3
5383	H. G. Heah, R. P.Hutcheson, K. A.Garden, A. S.Gunn, G. B.Fuller, C. D.Lewin, J. S.Kupferman, M. E.Holsinger, F. C.Hessel, A. C.Gross, N. D., Decreased gastrostomy tube incidence and weight loss after transoral robotic surgery for low- to intermediate-risk oropharyngeal squamous cell carcinoma. Head & Neck. 2018;40;2507-2513	3
5384	H. S. G. Parhar, E.Patel, J.Prisman, E.Anderson, D. W.Durham, J. S.Rush, B., Analysis of readmissions after transoral robotic surgery for oropharyngeal squamous cell carcinoma. Head & Neck. 2018;40;2416-2423	3
5385	J. S. B. Khan, A. K.Kim, S. H.Rockall, T. A.Jayne, D. G., Robotic rectal surgery has advantages over laparoscopic surgery in selected patients and centres. Colorectal Disease. 2018;20;845-853	8
5386	J. B. Garisto, R.Dagenais, J.Sagalovich, D.Fareed, K.Fergany, A.Stein, R.Kaouk, J., Robotic versus open partial nephrectomy for highly complex renal masses: Comparison of perioperative, functional, and oncological outcomes. Urologic Oncology. 2018;36;471.e1-471.e9	13
5387	R. Diez-Barroso, Jr.Palacio, C. H.Martinez, J. A.Makris, K.Massarweh, N. N.Chai, C. Y.Awad, S. S.Tran Cao, H. S., Robotic port-site hernias after general surgical procedures. Journal of Surgical Research. 2018;230;44754	3
5388	J. W. F. K. Catto, P.Ambler, G.Sarpong, R.Khan, M. S.Tan, M.Feber, A.Dixon, S.Goodwin, L.Williams, N. R.McGrath, J.Rowe, E.Koupparis, A.Brew-Graves, C.Kelly, J. D., Robot-assisted radical cystectomy with intracorporeal urinary diversion versus open radical cystectomy (iROC): protocol for a randomised controlled trial with internal feasibility study. BMJ Open. 2018;8;e020500	8
5389	S. E. S. Wang, B. U.Chen, S. C.Shyr, Y. M., Comparison between robotic and open pancreaticoduodenectomy with modified Blumgart pancreaticojejunostomy: A propensity score-matched study. Surgery. 2018;164;1162-1167	12
5390	G. M. Cammaroto, G.Costantini, M.Stomeo, F.Hoff, P.Montevecchi, F.Vicini, C., Trans-Oral Robotic Tongue Reduction for OSA: Does Lingual Anatomy Influence the Surgical Outcome?. Journal of Clinical Sleep Medicine. 2018;14;1347-1351	3

5391	F. C. A. von Rundstedt, M. A.Scovell, J.Slawin, J.Armstrong, J.Silay, S.Goh, A. C., Validation of a Simulation-training Model for Robotic Intracorporeal Bowel Anastomosis Using a Step-by-step Technique. Urology. 2018;120;125-130	1
5392	B. D. Karabulut, I.Surmeli, M.Sahin-Yilmaz, A.Oysu, C., Comparison of functional and oncological treatment outcomes after transoral robotic surgery and open surgery for supraglottic laryngeal cancer. Journal of Laryngology & Otology. 2018;132;832-836	13
5393	V. L. H. Nieto, Y.Hou, J. Y.Tergas, A. I.St Clair, C. M.Ananth, C. V.Neugut, A. I.Hershman, D. L.Wright, J. D., Use and outcomes of minimally invasive hysterectomy for women with nonendometrioid endometrial cancers. American Journal of Obstetrics & Gynecology. 2018;219;463.e1-463.e12	4
5394	R. J. Torres, H.Drouillard, M.Bensimon, J. L.Sterkers, O.Ferrary, E.Nguyen, Y., An Optimized Robot-Based Technique for Cochlear Implantation to Reduce Array Insertion Trauma. Otolaryngology - Head & Neck Surgery. 2018;159;900-907	3
5395	F. T. Kawan, G.Fornara, P., Robotic Donor Nephrectomy: Against. European Urology Focus. 2018;4;142-143	3
5396	J. C. K. Ngu, L. J.Kung, C. H.Chen, C. L.Kuo, C. C.Chang, S. W.Chen, C. C., Robotic transanal minimally invasive surgery for rectal cancer after clinical complete response to neoadjuvant chemoradiation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1948	3
5397	L. Z. Mark Knab, M. S.Khodakov, A.Rice, M.Al-Abbas, A.Bartlett, D. L.Zureikat, A. H.Zeh, H. J.Hogg, M. E., Evolution of a Novel Robotic Training Curriculum in a Complex General Surgical Oncology Fellowship. Annals of Surgical Oncology. 2018;25;3445-3452	3
5398	M. B. Benoit, A.Panayotopoulos, P.Culty, T.Guillonneau, B.Aube, C.Azzouzi, A. R.Sebe, P.Bigot, P., Laparoscopic Partial Nephrectomy After Selective Embolization and Robot-Assisted Partial Nephrectomy: A Comparison of Short-Term Oncological and Functional Outcomes. Clinical Genitourinary Cancer. 2018;16;453-457	13
5399	T. N. Ojima, M.Nakamori, M.Hayata, K.Katsuda, M.Kitadani, J.Maruoka, S.Shimokawa, T.Yamaue, H., Robotic versus laparoscopic gastrectomy with lymph node dissection for gastric cancer: study protocol for a randomized controlled trial. Trials [Electronic Resource]. 2018;19;409	8
5400	B. K. Kayani, S.Pietrzak, J. R. T.Huq, S. S.Tahmassebi, J.Haddad, F. S., The learning curve associated with robotic-arm assisted unicompartmental knee arthroplasty: a prospective cohort study. Bone & Joint Journal. 2018;100-B;1033-1042	5
5401	B. S. Johnson, I.Singla, N.Roehrborn, C.Gahan, J. C., Determining the Learning Curve for Robot-Assisted Simple Prostatectomy in Surgeons Familiar with Robotic Surgery. Journal of Endourology. 2018;32;865-870	3
5402	H. W. Shen, C.Xie, L.Zhou, S.Gu, L.Xie, H., A novel remote-controlled robotic system for cerebrovascular intervention. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1943	3
5403	O. U. C. Cakici, A. E., Bidirectional Barbed Only vs Poliglecaprone Suture with Rhabdosphincter Reconstruction for Urethrovesical Anastomosis During Robotic Radical Prostatectomy: Does It Make Any Difference?. Journal of Endourology. 2018;32;944-949	3
5404	R. K. J. Ahlawat, T., Robotic Donor Nephrectomy: The Right Way Forward. European Urology Focus. 2018;4;140-141	3
5405	S. H. Arora, G.Menon, M.Jeong, W.Ahlawat, R. K.Capitanio, U.Moon, D. A.Maes, K. K.Rawal, S.Mottrie, A.Bhandari, M.Rogers, C. G.Porter, J. R., Retroperitoneal vs Transperitoneal Robot-assisted Partial Nephrectomy: Comparison in a Multi-institutional Setting. Urology. 2018;120;131-137	3
5406	M. H. Doazan, S.Moriniere, S.Lallemant, B.Vergez, S.Aubry, K.De Mones, E.Espitalier, F.Jegoux, F.Pradat, P.Ceruse, P., Oncologic outcomes with transoral robotic surgery for supraglottic squamous cell carcinoma: Results of the French Robotic Surgery Group of GETTEC. Head & Neck. 2018;40;2050-2059	3

5407	K. V. Pachtrachai, F.Chadebecq, F.Allan, M.Hailes, S.Pawar, V.Stoyanov, D., Adjoint Transformation Algorithm for Hand-Eye Calibration with Applications in Robotic Assisted Surgery. Annals of Biomedical Engineering. 2018;46;1606-1620	3
5408	J. S. Anso, O.Wimmer, W.Gavaghan, K.Gerber, N.Schneider, D.Hermann, J.Rathgeb, C.Dur, C.Rosler, K. M.Mantokoudis, G.Caversaccio, M.Weber, S., Neuromonitoring During Robotic Cochlear Implantation: Initial Clinical Experience. Annals of Biomedical Engineering. 2018;46;1568-1581	3
5409	G. C. Siena, R.Decaestecker, K.Tugcu, V.Sahin, S.Alcaraz, A.Musquera, M.Territo, A.Gausa, L.Randon, C.Stockle, M.Janssen, M.Fornara, P.Mohammed, N.Guirado, L.Facundo, C.Doumerc, N.Vignolini, G.Breda, A.Serni, S., Robot-assisted Kidney Transplantation with Regional Hypothermia Using Grafts with Multiple Vessels After Extracorporeal Vascular Reconstruction: Results from the European Association of Urology Robotic Urology Section Working Group. European Urology Focus. 2018;4;175-184	3
5410	F. A. T. Yafi, C. T.Seard, M. L.Jordan, M. L., Aquablation outcomes for the U.S. cohort of men with LUTS due to BPH in large prostates (80-150 cc). International Journal of Impotence Research. 2018;30;209-214	2
5411	G. N. Niegisch, A.Michalski, R.Henn, A.Mally, D.Albers, P.Rabenalt, R., Comparison of 2-Year Oncological Outcome and Early Recurrence Patterns in Patients with Urothelial Bladder Carcinoma Treated with Open or Robot-Assisted Radical Cystectomy with an Extracorporeal Urinary Diversion. Urologia Internationalis. 2018;101;224-231	13
5412	L. B. Troude, S.Malikov, S.Champsaur, P.Blondel, B.Dufour, H.Fuentes, S., Robot-assisted multi-level anterior lumbar interbody fusion: an anatomical study. Acta Neurochirurgica. 2018;160;1891-1898	7
5413	V. M. Moll, C.Mitchell, M.Ward, C. T.Groff, R. F.Lee, S. C.Halkos, M. E.Jabaley, C. S.O'Reilly-Shah, V. N., Association of Serratus Anterior Plane Block for Minimally Invasive Direct Coronary Artery Bypass Surgery With Higher Opioid Consumption: A Retrospective Observational Study. Journal of Cardiothoracic & Vascular Anesthesia. 2018;32;2570-2577	2
5414	A. F. H. Atmaca, N.Canda, A. E.Keske, M.Ardicoglu, A., Concurrent Repair of Inguinal Hernias with Mesh Application During Transperitoneal Robotic-assisted Radical Prostatectomy: Is it Safe. Urology Journal. 2018;15;381-386	3
5415	D. W. Meyer, S.Zukovski, E. B.Porpiglia, F.Hampton, L. J.Autorino, R., Rationale for Robotic-assisted Simple Prostatectomy for Benign Prostatic Obstruction. European Urology Focus. 2018;4;643-647	3
5416	K. P. Sorouri, D. J.Wang, A. M. Q.Fisher, D. M.Wong, K. W.Looi, T.Drake, J. M.Forrest, C. R., Utilization of a robotic mount to determine the force required to cut palatal tissue. Journal of the Mechanical Behavior of Biomedical Materials. 2018;86;433-439	3
5417	A. S. W. Dowrick, A. C.Botti, M., Does partnership status affect the quality of life of men having robotic-assisted radical prostatectomy (RARP) for localised prostate cancer?. Applied Nursing Research. 2018;42;51-55	3
5418	S. V. Candela, M. I.Darling, A.Ortigoza-Escobar, J. D.Alamar, M.Muchart, J.Climent, A.Ferrer, E.Rumia, J.Perez-Duenas, B., Frameless robot-assisted pallidal deep brain stimulation surgery in pediatric patients with movement disorders: precision and short-term clinical results. Journal of Neurosurgery. Pediatrics.. 2018;22;416-425	3

5419	H. E. Y. Goldstein, B. E.Shao, B.Akman, C. I.Mandel, A. M.McBrian, D. K.Riviello, J. J.Sheth, S. A.McKhann, G. M.Feldstein, N. A., Safety and efficacy of stereoelectroencephalography in pediatric focal epilepsy: a single-center experience. Journal of Neurosurgery. Pediatrics.. 2018;22;444-452	2
5420	N. Y. B. Kim, S. J.Kim, H. I.Hong, J. H.Nam, H. J.Koh, J. C.Kim, H. J., Effects of long periods of pneumoperitoneum combined with the head-up position on heart rate-corrected QT interval during robotic gastrectomy: an observational study. Journal of International Medical Research. 2018;46;4586-4595	3
5421	A. D. Kaushik, T. A.Bhutani, G., Autonomous neuro-registration for robot-based neurosurgery. International Journal of Computer Assisted Radiology & Surgery. 2018;13;1807-1817	1
5422	M. Z. Scarcia, M.Divenuto, L.Cardo, G.Portoghese, F.Romano, M.Ludovico, G. M., Extraperitoneal robot-assisted radical prostatectomy: a high-volume surgical center experience. Minerva Urologica e Nefrologica. 2018;70;479-485	3
5423	M. A. Zanaty, K.Alnazari, M.El Rassy, E.Aoun, F.Zorn, K. C.El-Hakim, A., Prognostic utility of neutrophil-to-lymphocyte and platelets-to-lymphocyte ratio in predicting biochemical recurrence post robotic prostatectomy. Biomarkers in Medicine. 2018;12;841-848	3
5424	T. M. Hiraki, T.Kamegawa, T.Komaki, T.Sakurai, J.Matsuura, R.Yamaguchi, T.Sasaki, T.Iguchi, T.Matsui, Y.Gobara, H.Kanazawa, S., Robotic Insertion of Various Ablation Needles Under Computed Tomography Guidance: Accuracy in Animal Experiments. European Journal of Radiology. 2018;105;162-167	1
5425	R. D. Chelluri, M.Abouelleil, M.Riddell, J. V., Robotic conversion of cecostomy tube to catheterizable antegrade continence enema (ACE): Surgical technique. Journal of Pediatric Surgery. 2018;53;1871-1874	4
5426	M. S. Baek, M. S.Au, J. K.Huang, G. O.Elizondo, R. A.Puttmann, K. T.Janzen, N. K.Seth, A.Roth, D. R.Koh, C. J., Does the use of 5 mm instruments affect the outcomes of robot-assisted laparoscopic pyeloplasty in smaller working spaces? A comparative analysis of infants and older children. Journal of pediatric urology. 2018;14;537.e1-537.e6	3
5427	C. N. Y. Goumard, Y.Okuno, M.Kutlu, O.Chen, H. C.Simoneau, E.Vega, E. A.Chun, Y. S.David Tzeng, C.Eng, C.Vauthey, J. N.Conrad, C., Minimally invasive management of the entire treatment sequence in patients with stage IV colorectal cancer: a propensity-score weighting analysis. HPB. 2018;20;1150-1156	4
5428	O. M. H. Omisore, S. P.Ren, L. X.Wang, G. S.Ou, F. L.Li, H.Wang, L., Towards Characterization and Adaptive Compensation of Backlash in a Novel Robotic Catheter System for Cardiovascular Interventions. IEEE Transactions on Biomedical Circuits & Systems. 2018;12;824-838	3
5429	N. K. C. Sankaran, P.Siddiqui, A.Snyder, K.Kesavadas, T., Design and Development of Surgeon Augmented Endovascular Robotic System. IEEE Transactions on Biomedical Engineering. 2018;65;2483-2493	1
5430	M. R. Khadem, C.Usmani, N.Sloboda, R. S.Tavakoli, M., Robotic-Assisted Needle Steering Around Anatomical Obstacles Using Notched Steerable Needles. IEEE Journal of Biomedical & Health Informatics. 2018;22;1917-1928	3
5431	A. S. Moglia, S.Ferrari, V.Ferrari, M.Mosca, F.Morelli, L., Proficiency-based training of medical students using virtual simulators for laparoscopy and robot-assisted surgery: results of a pilot study. Updates in Surgery. 2018;70;401-405	1
5432	S. B. Khan, R. E.Kingham, P. T.Fong, Y.Boerner, T.Martinie, J. B.Vrochides, D.Buell, J. F.Berber, E.Kahramangil, B.Troisi, R. I.Vanlander, A.Molinari, M.Tsung, A., Long-Term Oncologic Outcomes Following Robotic Liver Resections for Primary Hepatobiliary Malignancies: A Multicenter Study. Annals of Surgical Oncology. 2018;25;2652-2660	3

5433	E. M. Duchalais, N.Kelley, S. R.Landmann, R. G.Merchea, A.Colibaseanu, D. T.Mathis, K. L.Dozois, E. J.Larson, D. W., Does obesity impact postoperative outcomes following robotic-assisted surgery for rectal cancer?. Surgical Endoscopy. 2018;32;4886-4892	3
5434	E. S. Mikhail, P.Moucharite, M.Hart, S., The Association Between Hospital Surgical Volume and the Uptake of Minimally Invasive Surgical Approach and Outpatient Setting for Hysterectomy. Surgical Technology International. 2018;33;191-196	2
5435	D. D. Sagalovich, J.Bertolo, R.Garisto, J. D.Kaouk, J. H., Trifecta Outcomes in Renal Hilar Tumors: A Comparison Between Robotic and Open Partial Nephrectomy. Journal of Endourology. 2018;32;831-836	13
5436	A. S. P. Tamhankar, S. R.Ahluwalia, P.Gautam, G., Does Continuation of Low-Dose Aspirin During Robot-Assisted Radical Prostatectomy Compromise Surgical Outcomes?. Journal of Endourology. 2018;32;852-858	3
5437	M. S. Y. Altieri, J.Xu, J.Talamini, M.Pryor, A.Telem, D. A., Outcomes after Robotic Ventral Hernia Repair: A Study of 21,565 Patients in the State of New York. American Surgeon. 2018;84;902-908	12
5438	H. L. Feng, Y.Chen, D.Ma, T.Fu, Y., Development on a magnetic anchoring robot system based on visual servo control for laparoendoscopic single-site surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1904	3
5439	I. R. Z. Belyansky, H.Sanford, Z.Weltz, A. S.Park, A., Early operative outcomes of endoscopic (eTEP access) robotic-assisted retromuscular abdominal wall hernia repair. Hernia. 2018;22;837-847	3
5440	I. E. W. Aaltonen, M., Envisioning robotic surgery: Surgeons' needs and views on interacting with future technologies and interfaces. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1941	3
5441	H. K. Aselmann, J. N.Bernsmeier, A.Beckmann, J. H.Moller, T.Egberts, J. H.Schafmayer, C.Rocken, C.Becker, T., Robotic-assisted total mesorectal excision (TME) for rectal cancer results in a significantly higher quality of TME specimen compared to the laparoscopic approach-report of a single-center experience. International Journal of Colorectal Disease. 2018;33;1575-1581	12
5442	E. A. Koc, A. F.Asil, E.Gok, B.Canda, A. E.Balbay, M. D., Management of ureteric duplications identified during robotic cystectomy and intracorporeal urinary diversion. Minerva Urologica e Nefrologica. 2018;70;534-537	3
5443	B. K. P. L. Goh, S. Y.Teo, J. Y.Kam, J. H.Jeyaraj, P. R.Cheow, P. C.Chow, P. K. H.Ooi, LIpjChung, A. Y. F.Chan, C. Y., Changing trends and outcomes associated with the adoption of minimally invasive hepatectomy: a contemporary single-institution experience with 400 consecutive resections. Surgical Endoscopy. 2018;32;4658-4665	2
5444	A. B. Wang, J. M.Zhang, S.Jung, S. H.Yerokun, B.Cox, M. L.Jacobs, J. P.Badhwar, V.Suri, R. M.Thourani, V.Halkos, M. E.Gammie, J. S.Gillinov, A. M.Smith, P. K.Glower, D., Robotic Mitral Valve Repair in Older Individuals: An Analysis of The Society of Thoracic Surgeons Database. Annals of Thoracic Surgery. 2018;106;1388-1393	13
5445	L. S. Rossi, A. W.Aluwini, S.Dirkx, M.Breedveld, S.Heijmen, B., First fully automated planning solution for robotic radiosurgery - comparison with automatically planned volumetric arc therapy for prostate cancer. Acta Oncologica. 2018;57;1490-1498	3

5446	K. M. B. Anderson, C. V.Qin, Z.Hall, D. J.Hoh, C. K.Vera, D. R.McHale, M. T., Molecular Imaging of endometrial sentinel lymph nodes utilizing fluorescent-labeled Tilmanocept during robotic-assisted surgery in a porcine model. PLoS ONE [Electronic Resource]. 2018;13;e0197842	1
5447	D. C. K. Rosen, M.Paulucci, D. J.Beksac, A. T.Attalla, K.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Porter, J.Badani, K. K., Reevaluating Warm Ischemia Time as a Predictor of Renal Function Outcomes After Robotic Partial Nephrectomy. Urology. 2018;120;156-161	3
5448	B. S. Sarfati, S.Leymarie, N.Honart, J. F.Alkhashnam, H.Tran de Fremicourt, K.Conversano, A.Rimareix, F.Simon, M.Michiels, S.Kolb, F., Robotic Prophylactic Nipple-Sparing Mastectomy with Immediate Prosthetic Breast Reconstruction: A Prospective Study. Annals of Surgical Oncology. 2018;25;2579-2586	3
5449	A. G. Elmously, K. D.Ullmann, T. M.Fahey, T. J., 3rdAfaneh, C.Zarnegar, R., Robotic Reoperative Anti-reflux Surgery: Low Perioperative Morbidity and High Symptom Resolution. World Journal of Surgery. 2018;42;4014-4021	3
5450	T. S. Kawal, A. K.Chang, J.Long, C.Chu, D.Shukla, A. R., Robotic-assisted laparoscopic ureteral re-implant (RALUR): Can post-operative urinary retention be predicted?. Journal of pediatric urology. 2018;14;323.e1-323.e5	3
5451	B. K. Kayani, S.Tahmassebi, J.Pietrzak, J. R. T.Haddad, F. S., Robotic-arm assisted total knee arthroplasty is associated with improved early functional recovery and reduced time to hospital discharge compared with conventional jig-based total knee arthroplasty: a prospective cohort study. Bone & Joint Journal. 2018;100-B;930-937	12
5452	W. J. K. Cho, J. M.Kim, D. E.Lee, J. G.Park, J. W.Han, Y. H.Seo, H. G., Accuracy of the femoral tunnel position in robot-assisted anterior cruciate ligament reconstruction using a magnetic resonance imaging-based navigation system: A preliminary report. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1933	7
5453	N. Z. N. Ahmad, S.Sagias, F.Stein, H.Harper, M.Khan, J. S., PortSmouth TAble Rotation Robotic technique for pan proctocolecotmy using DaVinci Si robotic system; P-STARR technique. Techniques in Coloproctology. 2018;22;449-452	3
5454	M. B. K. Clements, T. L.Culp, S. H., Robotic-Assisted Surgery for Upper Tract Urothelial Carcinoma: A Comparative Survival Analysis. Annals of Surgical Oncology. 2018;25;2550-2562	13
5455	P. G. Berthet-Rayne, G.Leibrandt, K.Wisanuvej, P.Schmitz, A.Seneci, C. A.Yang, G. Z., The i²Snake Robotic Platform for Endoscopic Surgery. Annals of Biomedical Engineering. 2018;46;1663-1675	3
5456	N. M. Corrigan, H.Croft, J.Copeland, J.Jayne, D.Brown, J., Exploring and adjusting for potential learning effects in ROLARR: a randomised controlled trial comparing robotic-assisted vs. standard laparoscopic surgery for rectal cancer resection. Trials [Electronic Resource]. 2018;19;339	4
5457	C. D. M. Bahler, M. F.Flack, C. K.Gramm, A. R.Gardner, T. A.Sundaram, C. P., Assessing Cost of Robotic Utilization in Partial Nephrectomy with Increasing Utilization. Journal of Endourology. 2018;32;710-716	4
5458	D. P. Xourafas, T. M.Cloyd, J. M., Independent Predictors of Increased Operative Time and Hospital Length of Stay Are Consistent Across Different Surgical Approaches to Pancreatoduodenectomy. Journal of Gastrointestinal Surgery. 2018;22;1911-1919	12
5459	J. M. L. Ali, K.Coonar, A. S., Robotic Camera Assistance: The Future of Laparoscopic and Thoracoscopic Surgery?. Surgical Innovation. 2018;25;485-491	3

5460	W. M. A.-N. Akram, R. H.Albright, J.Wu, J.Ferraro, J.Shanker, B. A.McClure, A. M.Cleary, R. K., A propensity score-matched comparison of intracorporeal and extracorporeal techniques for robotic-assisted right colectomy in an Enhanced Recovery Pathway. American Journal of Surgery. 2018;216;1095-1100	3
5461	T. P. Fransgaard, I.Thygesen, L. C.Gogenur, I., Association between robot-assisted surgery and resection quality in patients with colorectal cancer. Surgical Oncology. 2018;27;177-184	12
5462	J. S. Linxweiler, M.Al-Kailani, Z.Janssen, M.Ezziddin, S.Stockle, M.Siemer, S.Ohlmann, C. H., Robotic salvage lymph node dissection for nodal-only recurrences after radical prostatectomy: Perioperative and early oncological outcomes. Surgical Oncology. 2018;27;138-145	3
5463	B. G. Morisod, A. C.Gorphe, P.Schweizer, V.Sandu, K.Simon, C., Transoral robotic-assisted supracricoid partial laryngectomy with cricohyoidoepiglottopexy: Procedure development and outcomes of initial cases. Head & Neck. 2018;40;2254-2262	7
5464	H. S. S. Moon, J. E.Lee, S. R.Jeong, K., The Comparison of Robotic Single-Site Surgery to Single-Port Laparoendoscopic Surgery for the Treatment of Advanced-Stage Endometriosis. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1483-1488	13
5465	R. J. Khare, B.Hamlin, B.Urish, K. L., Implant orientation accuracy of a hand-held robotic partial knee replacement system over conventional technique in a cadaveric test. Computer Assisted Surgery. 2018;23;44786	1
5466	R. G. Bertolo, J.Dagenais, J.Agudelo, J.Armanyous, S.Lioudis, M.Kaouk, J., Cold Versus Warm Ischemia Robot-Assisted Partial Nephrectomy: Comparison of Functional Outcomes in Propensity-Score Matched "At Risk" Patients. Journal of Endourology. 2018;32;717-723	3
5467	M. S. Wartenberg, J.Gandomi, K.Carvalho, P.Nycz, C.Patel, N.Iordachita, I.Tempany, C.Hata, N.Tokuda, J.Fischer, G. S., Closed-Loop Active Compensation for Needle Deflection and Target Shift During Cooperatively Controlled Robotic Needle Insertion. Annals of Biomedical Engineering. 2018;46;1582-1594	2
5468	Y. G. Song, S.Yin, X.Zhang, L.Hirata, H.Ishihara, H.Tamiya, T., Performance evaluation of a robot-assisted catheter operating system with haptic feedback. Biomedical Microdevices. 2018;20;50	8
5469	S. P. Panteleimonitis, S.Aradaib, M.Harper, M.Ahmed, J.Ahmad, M.Qureshi, T.Figueiredo, N.Parvaiz, A., Implementation of robotic rectal surgery training programme: importance of standardisation and structured training. Langenbecks Archives of Surgery. 2018;403;749-760	1
5470	J. H. Yu, J. H.Park, J. Y.Hwang, J. H.Cho, S. S.Kim, Y. K., Propofol attenuates the increase of sonographic optic nerve sheath diameter during robot-assisted laparoscopic prostatectomy: a randomized clinical trial. BMC Anesthesiology. 2018;18;72	3
5471	D. R. W. Halleran, R. J.Vilanova-Sanchez, A.Rentea, R. M.Brown, C.Fuchs, M.Jayanthi, V. R.Ching, C.Ahmad, H.Gasior, A. C.Michalsky, M. P.Levitt, M. A.DaJusta, D., Simultaneous Robotic-Assisted Laparoscopy for Bladder and Bowel Reconstruction. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1513-1516	3
5472	H. S. D. Liu, S. J.Liu, S. D.Jia, F. S.Zhu, L. M.Liu, M. C., Robot-assisted percutaneous screw placement combined with pelvic internal fixator for minimally invasive treatment of unstable pelvic ring fractures. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1927	3
5473	S. D. F. Guadagni, G.Gianardi, D.Palmeri, M.Ceccarelli, C.Bianchini, M.Furbetta, N.Caprili, G.D'Isidoro, C.Moglia, A.Melfi, F.Buccianti, P.Mosca, F.Morelli, L., Control Comparison of the New EndoWrist and Traditional Laparoscopic Staplers for Anterior Rectal Resection with the Da Vinci Xi: A Case Study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1422-1427	2

5474	R. B. M. Hawkins, J. H.Mullen, M. G.Nifong, W. L.Chitwood, W. R.Katz, M. R.Quader, M. A.Kiser, A. C.Speir, A. M.Ailawadi, G.Investigators for the Virginia Cardiac Services Quality, Initiative, A propensity matched analysis of robotic, minimally invasive, and conventional mitral valve surgery. Heart. 2018;104;1970-1975	13
5475	E. A. Esen, E.Agcaoglu, O.Zenger, S.Balik, E.Baca, B.Hamzaoglu, I.Karahasanoglu, T.Bugra, D., Totally Robotic Versus Totally Laparoscopic Surgery for Rectal Cancer. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2018;28;245-249	12
5476	S. M. Shalhoub, W. E.Dabuzhsky, L.Jevsevar, D. S.Keggi, J. M.Plaskos, C., Laxity Profiles in the Native and Replaced Knee-Application to Robotic-Assisted Gap-Balancing Total Knee Arthroplasty. Journal of Arthroplasty. 2018;33;3043-3048	1
5477	T. H. Shen, D.Nelson, C. A.Oleynikov, D., Performance of a Multifunctional Robot for Natural Orifice Transluminal Endoscopic Surgery. Surgical Innovation. 2018;25;364-373	3
5478	T. S. Kawal, A. K.Shrivastava, D.Chu, D. I.Van Batavia, J.Weiss, D.Long, C.Shukla, A. R., Pediatric robotic-assisted laparoscopic pyeloplasty: Does age matter?. Journal of pediatric urology. 2018;14;540.e1-540.e6	3
5479	P. X. Wang, D.Ye, S.Kong, D.Qin, J.Jing, T.Mao, Y.Meng, H.Wang, S., Robotic-assisted Urethra-sparing Simple Prostatectomy Via an Extraperitoneal Approach. Urology. 2018;119;85-90	3
5480	K. H. Kawai, K.Tanaka, T.Nishikawa, T.Otani, K.Murono, K.Sasaki, K.Kaneko, M.Emoto, S.Nozawa, H., Learning Curve of Robotic Rectal Surgery With Lateral Lymph Node Dissection: Cumulative Sum and Multiple Regression Analyses. Journal of Surgical Education. 2018;75;1598-1605	5
5481	M. M. Garstka, K.Ali, D. B.Shalaby, H.Ibraheem, K.Farag, M.Kang, S. W.Kandil, E., Well-differentiated thyroid cancer and robotic transaxillary surgery at a North American institution. Journal of Surgical Research. 2018;228;170-178	12
5482	R. C. F. Cook, A. Y.Percy, E. D.Mayo, J. R., A Novel Approach Using Computed Tomography Angiograms to Predict Sternotomy or Complicated Anastomosis in Patients Undergoing Robotically Assisted Minimally Invasive Direct Coronary Artery Bypass. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2018;13;207-210	3
5483	M. Z. Krzystek-Korpacka, M.Szufnarowski, K.Bednarz-Misa, I.Gorska, S.Witkiewicz, W.Gamian, A., The perioperative dynamics of IL-7 following robot-assisted and open colorectal surgery. Scientific Reports. 2018;8;9126	4
5484	A. R. Chenam, N.Pal, S.Barlog, J.Lau, C.Wilson, T.Yuh, B., Biochemical recurrence after robot-assisted extended pelvic lymphadenectomy for prostate cancer. Canadian Journal of Urology. 2018;25;9340-9348	3
5485	J. C. G.-N. Lloyd, J.Goldman, H. B., Feasibility of same day discharge after robotic assisted pelvic floor reconstruction. Canadian Journal of Urology. 2018;25;9307-9312	3
5486	T. I. Tarui, N.Kiuchi, R.Tomita, S.Ohtake, H.Watanabe, G., Nonresectional Simplified Folding Technique in Robotic Mitral Valve Plasty: Comparison with Leaflet Resection Technique. Heart Surgery Forum. 2018;21;E145-E147	3
5487	J. J. M. Aning, K. R.Fabricius, M.McColl, E.Johnson, M. I.Tandogdu, Z.Soomro, N. A.Harding, C., Detailed analysis of patient-reported lower urinary tract symptoms and effect on quality of life after robotic radical prostatectomy. Urologic Oncology. 2018;36;364.e15-364.e22	3

5488	M. S. Dughayli, S.Johnson, S.Baidoun, F., Single-site robotic cholecystectomy: comparison of clinical outcome and the learning curves in relation to surgeon experience in a community teaching hospital. BMC Surgery. 2018;18;39	5
5489	S. T. Kitamura, K.Nishihara, T.Konishi, A.Takasaki, Y.Yorozuya, T., Effect of dexmedetomidine on intraocular pressure in patients undergoing robot-assisted laparoscopic radical prostatectomy under total intravenous anesthesia: A randomized, double blinded placebo controlled clinical trial. Journal of Clinical Anesthesia. 2018;49;30-35	12
5490	H. S. Moon, Tips on robotic single-site surgery suture technique: Screwing and clockwise direction suture technique for Robotic single-site surgery. Taiwanese Journal of Obstetrics & Gynecology. 2018;57;432-434	3
5491	A. L. K. Lightner, S. R.Larson, D. W., Robotic Platform for an IPAA. Diseases of the Colon & Rectum. 2018;61;869-874	3
5492	V. d. M. Ozben, C.Esen, E.Aytac, E.Baca, B.Karahasanoglu, T.Hamzaoglu, I., Is Robotic Complete Mesocolic Excision Feasible for Transverse Colon Cancer?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1443-1450	3
5493	N. N. M. Harke, P.Witt, J. H.Wagner, C.Panic, A.Boy, A.Roosen, A.Ubrig, B.Schneller, A.Schiefelbein, F.Wagener, N.Honeck, P.Schoen, G.Hadaschik, B.Michel, M. S.Kriegmair, M. C., Are there limits of robotic partial nephrectomy? TRIFECTA outcomes of open and robotic partial nephrectomy for completely endophytic renal tumors. Journal of Surgical Oncology. 2018;118;206-211	13
5494	J. M.-G. Ghelfi, A.Hungr, N.Fouard, C.Veron, B.Medici, M.Chipon, E.Cinquin, P.Bricault, I., Evaluation of the Needle Positioning Accuracy of a Light Puncture Robot Under MRI Guidance: Results of a Clinical Trial on Healthy Volunteers. Cardiovascular & Interventional Radiology. 2018;41;1428-1435	3
5495	J. W. Yin, H.Tu, J.Zou, C.Huang, G.Xie, X.He, Y.Shen, J., Robot-assisted sacral tumor resection: a preliminary study. BMC Musculoskeletal Disorders. 2018;19;186	3
5496	Y. X. Zhang, J.Han, Y.Huang, M.Hang, J.Abbas, A. E.Li, H., Initial experience of robot-assisted Ivor-Lewis esophagectomy: 61 consecutive cases from a single Chinese institution. Diseases of the Esophagus. 2018;31;1	3
5497	P. J. D. S. Kneuertz, D. M.Moffatt-Bruce, S. D.Merritt, R. E., Robotic lobectomy has the greatest benefit in patients with marginal pulmonary function. Journal Of Cardiothoracic Surgery. 2018;13;56	13
5498	G. T. Tay, H. K.Nguyen, T. K.Phee, S. J.Iyer, N. G., Use of the EndoMaster robot-assisted surgical system in transoral robotic surgery: A cadaveric study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1930	3
5499	G. S. Desai, Robotic surgery: is it right for India?. Journal of Robotic Surgery. 2018;12;725-726	3
5500	H. M. Singh, H. N.Ranjan, S.Dilley, J. W. R.Airantzis, D.Yang, G. Z.Darzi, A.Leff, D. R., Robotic Surgery Improves Technical Performance and Enhances Prefrontal Activation During High Temporal Demand. Annals of Biomedical Engineering. 2018;46;1621-1636	3
5501	C. R. K. McDonald, M. A.Tonkin, D.Eteuati, J.Karatassas, A., Training for robotics in general surgery: is it where it should be?. ANZ Journal of Surgery. 2018;88;530-531	3
5502	F. K. von Scotti, M.Scherl, C.Iro, H.Bohr, C., A 9-year analysis of transoral laser microsurgery (TLM) of head and neck cancer on their potential suitability for transoral robotic surgery (TORS) for estimation of future TORS-specific caseload. European Review for Medical & Pharmacological Sciences. 2018;22;2949-2953	3

5503	M. G. Munro, The surgical 'Robot' in gynaecology: It isn't a robot at all, and it doesn't make anything better. Australian & New Zealand Journal of Obstetrics & Gynaecology. 2018;58;375-378	3
5504	V. M. Cela, E.Angioni, S.Freschi, L., Robot-assisted laparoscopic single-site hysterectomy: our experience and multicentric comparison with single-port laparoscopy. Minerva Ginecologica. 2018;70;621-628	13
5505	N. N. V. Junejo, S.Alshammari, A.Aljallad, H.Alshahrani, S.Abasher, A.Almathami, A.Alhazmi, H., Robotic versus open pyeloplasty in pediatric patients: a single center experience in Saudi Arabia. Minerva Urologica e Nefrologica. 2018;70;486-493	13
5506	S. H. Atallah, A.Larach, S. W., Direct target NOTES: prospective applications for next generation robotic platforms. Techniques in Coloproctology. 2018;22;363-371	1
5507	T. K. G. Morimoto, J. D.Hawkes, E. W.Hsieh, M. H.Okamura, A. M., Toward the Design of Personalized Continuum Surgical Robots. Annals of Biomedical Engineering. 2018;46;1522-1533	5
5508	A. S. Mari, S.Morselli, S.Campi, R.Masieri, L.Carini, M.Minervini, A., Surgical outcome of 100 consecutive robot-assisted pyeloplasty cases with no drainage placement for ureteropelvic junction obstruction. International Journal of Urology. 2018;25;700-701	8
5509	J. M. Ryu, Y.Choi, J.Kim, H. C., A Kalman-Filter-Based Common Algorithm Approach for Object Detection in Surgery Scene to Assist Surgeon's Situation Awareness in Robot-Assisted Laparoscopic Surgery. Journal of Healthcare Engineering. 2018;2018;8079713	3
5510	N. A. de'Angelis, S.Bianchi, G.Memeo, R.Charpy, C.Petrucciani, N.Sobhani, I.Brunetti, F., Robotic Versus Laparoscopic Colorectal Cancer Surgery in Elderly Patients: A Propensity Score Match Analysis. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1334-1345	12
5511	C. R. Chalouhy, J. M.Zhou, T.Sirvastava, A.Keehn, A.Watts, K.Maria, P.Ghavamian, R., Robotic Partial Nephrectomy in Patients with Chronic Kidney Disease: Objective Measurement of Short- and Long-Term Renal Functional Outcomes. Journal of Endourology. 2018;32;630-634	3
5512	J. S. White, A., Development and Assessment of a Transoral Robotic Surgery Curriculum to Train Otolaryngology Residents. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties. 2018;80;69-76	3
5513	S. M. Nazzani, E.Preisser, F.Bandini, M.Tian, Z.Marchioni, M.Ratti, D.Motta, G.Zorn, K. C.Briganti, A.Shariat, S. F.Montanari, E.Carmignani, L.Karakiewicz, P. I., Comparison of Perioperative Outcomes Between Open and Robotic Radical Cystectomy: A Population-Based Analysis. Journal of Endourology. 2018;32;701-709	13
5514	J. C. Weber, K.Becker, A. J.Schlenker, B.Weigl, M., Effects of Flow Disruptions on Mental Workload and Surgical Performance in Robotic-Assisted Surgery. World Journal of Surgery. 2018;42;3599-3607	3
5515	M. N.-C. Agus, C.Demarquet, L.Klein, M.Brunaud, L., Operative technique: Robotic transaxillary thyroid lobectomy. Journal of visceral surgery. 2018;155;305-310	3
5516	A. F. Mangano, E.Valle, V.Bustos, R.Gheza, F.Giulianotti, P. C., Iatrogenic spleen injury risk during robotic left colonic and rectal resections by routine left flexure mobilization technique: a retrospective study. Minerva Chirurgica. 2018;73;451-459	3
5517	S. H. Buse, C. E.Klumpen, P.Schmitz, K.Mager, R.Mottrie, A.Haferkamp, A., Cost-effectiveness analysis of robot-assisted vs. open partial nephrectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1920	4
5518	Z. E. D. Stiles, P. V.Deneve, J. L.Glazer, E. S.Dong, L.Wan, J. Y.Behrman, S. W., The impact of unplanned conversion to an open procedure during minimally invasive pancreatectomy. Journal of Surgical Research. 2018;227;168-177	12

5519	L. Z. Qu, Z.Xianglong, T.Yuanxing, G.Yong, X.Rong, L.Yee, L. W., Short- and mid-term outcomes of robotic versus laparoscopic distal pancreatosplenectomy for pancreatic ductal adenocarcinoma: A retrospective propensity score-matched study. International Journal Of Surgery. 2018;55;81-86	12
5520	F. Chan, Robotic-assisted surgical procedures are the future of gynaecology in Australasia. Australian & New Zealand Journal of Obstetrics & Gynaecology. 2018;58;371-374	3
5521	A. S. Gijbels, J.Schoevaerdts, L.Willekens, K.Vander Poorten, E. B.Stalmans, P.Reynaerts, D., In-Human Robot-Assisted Retinal Vein Cannulation, A World First. Annals of Biomedical Engineering. 2018;46;1676-1685	3
5522	H. A. Liu, E.Giles, J.Rodriguez, Y. Baena F., Augmented Reality Based Navigation for Computer Assisted Hip Resurfacing: A Proof of Concept Study. Annals of Biomedical Engineering. 2018;46;1595-1605	2
5523	G. A. Ceccarelli, E.Fontani, A.Calise, F.Rocca, A.Giuliani, A., Robot-assisted liver surgery in a general surgery unit with a "Referral Centre Hub&Spoke Learning Program". Early outcomes after our first 70 consecutive patients. Minerva Chirurgica. 2018;73;460-468	3
5524	J. O. Chen, P. J.Cheng, N.Shah, A.Montez, J.Jarc, A.Guo, L.Gill, I. S.Hung, A. J., Use of Automated Performance Metrics to Measure Surgeon Performance during Robotic Vesicourethral Anastomosis and Methodical Development of a Training Tutorial. Journal of Urology. 2018;200;895-902	3
5525	P. H. A. Shah, M. A.Leibovich, B. C.Thompson, R. H.Uzzo, R. G.Kavoussi, L. R.Richstone, L.Bhindi, B.Habermann, E. B.Joshi, V.Boorjian, S. A., The Temporal Association of Robotic Surgical Diffusion with Overtreatment of the Small Renal Mass. Journal of Urology. 2018;200;981-988	4
5526	H. W. He, Q.Wang, Z.Zhang, Y.Chen, N.Fu, J.Zhang, G., Short-term outcomes of robot-assisted minimally invasive esophagectomy for esophageal cancer: a propensity score matched analysis. Journal Of Cardiothoracic Surgery. 2018;13;52	13
5527	N. K. D. Yerram, J.Bryk, D. J.Nandanan, N.Maurice, M. J.Mouracade, P.Kara, O.Kaouk, J. H., Trifecta Outcomes in Multifocal Tumors: A Comparison Between Robotic and Open Partial Nephrectomy. Journal of Endourology. 2018;32;615-620	13
5528	J. C. L. Kim, J. L.Yoon, Y. S.Kim, C. W.Park, I. J.Lim, S. B., Robotic left colectomy with complete mesocolectomy for splenic flexure and descending colon cancer, compared with a laparoscopic procedure. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1918	12
5529	Z. Y. Huang, L.Zhong, Z.Zhu, L.Zhao, H.Li, Y.Nian, Y.Xu, P.Wang, Y., Comparison of Fast-Track Versus Conventional Surgery Protocol for Patients Undergoing Robot-Assisted Laparoscopic Radical Prostatectomy: A Chinese Experience. Scientific Reports. 2018;8;8017	3
5530	H. J. K. Kim, K. T.Chun, H. J.Hwang, J. S.Chang, B. S.Lee, C. K.Yeom, J. S., Comparative study of 1-year clinical and radiological outcomes using robot-assisted pedicle screw fixation and freehand technique in posterior lumbar interbody fusion: A prospective, randomized controlled trial. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1917	12
5531	J. H. S. Lee, T.Kim, J.Seo, W. J.Rho, C. K.Cho, M.Kim, H. I.Hyung, W. J., Intracorporeal delta-shaped gastroduodenostomy in reduced-port robotic distal subtotal gastrectomy: technical aspects and short-term outcomes. Surgical Endoscopy. 2018;32;4344-4350	3
5532	S. P. Nazzani, F.Mazzone, E.Tian, Z.Mistretta, F. A.Shariat, S. F.Saad, F.Graefen, M.Tilki, D.Montanari, E.Luzzago, S.Briganti, A.Carmignani, L.Karakiewicz, P. I., In-hospital length of stay after major surgical oncological procedures. European Journal of Surgical Oncology. 2018;44;969-974	2

5533	R. A. Bertolo, R.Simone, G.Derweesh, I.Garisto, J. D.Minervini, A.Eun, D.Perdona, S.Porter, J.Rha, K. H.Mottrie, A.White, W. M.Schips, L.Yang, B.Jacobsohn, K.Uzzo, R. G.Challacombe, B.Ferro, M.Sulek, J.Capitanio, U.Anele, U. A.Tuderti, G.Costantini, M.Ryan, S.Bindayi, A.Mari, A.Carini, M.Keehn, A.Quarto, G.Liao, M.Chang, K.Larcher, A.De Naeyer, G.De Cobelli, O.Berardinelli, F.Zhang, C.Langenstroer, P.Kutikov, A.Chen, D.De Luyk, N.Sundaram, C. P.Montorsi, F.Stein, R. J.Haber, G. P.Hampton, L. J.Dasgupta, P.Gallucci, M.Kaouk, J.Porpiglia, F., Outcomes of Robot-assisted Partial Nephrectomy for Clinical T2 Renal Tumors: A Multicenter Analysis (ROSULA Collaborative Group). European Urology. 2018;74;226-232	3
5534	E. J. Z. Kirshenbaum, L. C.Myers, J. B.Elliott, S. P.Vanni, A. J.Baradaran, N.Erickson, B. A.Buckley, J. C.Voelzke, B. B.Granieri, M. A.Summers, S. J.Breyer, B. N.Dash, A.Weinberg, A.Alsikafi, N. F., Patency and Incontinence Rates After Robotic Bladder Neck Reconstruction for Vesicourethral Anastomotic Stenosis and Recalcitrant Bladder Neck Contractures: The Trauma and Urologic Reconstructive Network of Surgeons Experience. Urology. 2018;118;227-233	1
5535	T. C. R. Wood, N.El-Hage, O.Ahmed, K.Cahill, D.Challacombe, B. J.Khan, M. S.Dasgupta, P., Robot-assisted laparoscopic pyeloplasty: a single-centre experience. Surgical Endoscopy. 2018;32;4590-4596	3
5536	P. K. Meershoek, G. H.van Oosterom, M. N.Wit, E. M. K.van Willigen, D. M.Bauwens, K. P.van Gennep, E. J.Mottrie, A. M.van der Poel, H. G.van Leeuwen, F. W. B., Multispectral-Fluorescence Imaging as a Tool to Separate Healthy from Disease-Related Lymphatic Anatomy During Robot-Assisted Laparoscopy. Journal of Nuclear Medicine. 2018;59;1757-1760	3
5537	D. I. S. Chu, D.Van Batavia, J. P.Bowen, D. K.Tong, C. C.Long, C. J.Weiss, D. A.Shukla, A. R.Srinivasan, A. K., Outcomes of externalized pyeloureteral versus internal ureteral stent in pediatric robotic-assisted laparoscopic pyeloplasty. Journal of pediatric urology. 2018;14;450.e1-450.e6	3
5538	M. T. V. C. P. Gomes, B. T. D.Parise Filho, J. P.Vasconcelos, A. L.Bottura, B. F.Marques, R. M., Safety Model for the Introduction of Robotic Surgery in Gynecology. Revista Brasileira de Ginecologia e Obstetricia. 2018;40;397-402	3
5539	H. B. W. Liu, W. J.Li, H. T.Han, X. P.Su, L.Wei, D. W.Cao, T. B.Yu, J. P.Jiao, Z. Y., Robotic versus conventional laparoscopic gastrectomy for gastric cancer: A retrospective cohort study. International Journal Of Surgery. 2018;55;15-23	12
5540	I. N. J. Haskins, T.Skancke, M.Kuang, X.Amdur, R. L.Brody, F.Obias, V.Agarwal, S., Right Colon Resection for Colon Cancer: Does Surgical Approach Matter?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1202-1206	12
5541	C. R. T. Powell, I.Eckrich, B.Rothenberg, J.Hathaway, J., Robotic Sacral Colpopexy. Journal of Endourology. 2018;32;S111-S116	3
5542	V. T. B. Packiam, N. S.Shalhav, A. L., Robot-Assisted Laparoscopic Adrenalectomy. Journal of Endourology. 2018;32;S82-S87	3
5543	A. T. Bergersen, R.Lee, B. R., Robotic Pyeloplasty. Journal of Endourology. 2018;32;S68-S72	3
5544	I. C. Sorokin, J. A., Robotic Laparoendoscopic Single Site: Pyeloplasty and Nephrectomy Chapter. Journal of Endourology. 2018;32;S88-S92	3
5545	J. U. K. Stolzenburg, P.Kyriazis, I.Kotsiris, D.Ntasiotis, P.Liatsikos, E. N., Robot-Assisted Simple Prostatectomy by an Extraperitoneal Approach. Journal of Endourology. 2018;32;S39-S43	3
5546	Y. E. H. Ahmed, A. A.Kozlowski, J.Guru, K. A., Robot-Assisted Radical Cystectomy in Men: Technique of Spaces. Journal of Endourology. 2018;32;S44-S48	3
5547	C. A. S. Cooper, C. F.Sundaram, C. P., Robotic Partial Nephrectomy for a Peripheral Renal Tumor. Journal of Endourology. 2018;32;S55-S62	3

5548	M. J. K. Maurice, J. H., Single-Port Robot-Assisted Perineal Prostatectomy and Pelvic Lymphadenectomy: Step-by-Step Technique in a Cadaveric Model. Journal of Endourology. 2018;32;S93-S96	1
5549	R. H. Madi, A., Robotic Pyelolithotomy, Extended Pyelolithotomy, Nephrolithotomy, and Anatrophic Nephrolithotomy. Journal of Endourology. 2018;32;S73-S81	3
5550	R. Crolla, J. J. C.van der Schelling, G. P.Wijsman, J. H.Schreinemakers, J. M. J., Robot-assisted laparoscopic resection of clinical T4b tumours of distal sigmoid and rectum: initial results. Surgical Endoscopy. 2018;32;4571-4578	3
5551	N. N. G. Harke, M.Wagner, C.Addali, M.Fangmeyer, B.Urbanova, K.Hadaschik, B.Witt, J. H., Fluorescence-supported lymphography and extended pelvic lymph node dissection in robot-assisted radical prostatectomy: a prospective, randomized trial. World Journal of Urology. 2018;36;1817-1823	3
5552	M. A. V. Horvath, C. E.Dolan, E. B.Whyte, W.Monahan, D. S.Payne, C. J.Wamala, I. A.Vasilyev, N. V.Pigula, F. A.Mooney, D. J.Walsh, C. J.Duffy, G. P.Roche, E. T., Towards Alternative Approaches for Coupling of a Soft Robotic Sleeve to the Heart. Annals of Biomedical Engineering. 2018;46;1534-1547	2
5553	K. D. P. Gray, A.Dakin, G.Amanat, S.Turnbull, Z. A.Samuels, J.Afaneh, C., Perioperative outcomes and anesthetic considerations of robotic bariatric surgery in a propensity-matched cohort of super obese and super-super obese patients. Surgical Endoscopy. 2018;32;4867-4873	3
5554	F. V. C. Muysoms, S.Kyle-Leinhase, I.Ballecer, C.Ramaswamy, A., Robotic-assisted laparoscopic groin hernia repair: observational case-control study on the operative time during the learning curve. Surgical Endoscopy. 2018;32;4850-4859	5
5555	P. C. M. Giulianotti, A.Bustos, R. E.Gheza, F.Fernandes, E.Masrur, M. A.Gangemi, A.Bianco, F. M., Operative technique in robotic pancreaticoduodenectomy (RPD) at University of Illinois at Chicago (UIC): 17 steps standardized technique : Lessons learned since the first worldwide RPD performed in the year 2001. Surgical Endoscopy. 2018;32;4329-4336	3
5556	M. A. Janda, N. R.Kerr, G.Kurz, S.Jackson, G.Currie, J.Page, K.Weaver, E.Yazdani, A.Obermair, A., Surgical approach to hysterectomy and barriers to using minimally invasive methods. Australian & New Zealand Journal of Obstetrics & Gynaecology. 2018;58;690-695	2
5557	K. C. Wang, B.Lu, Q.Li, H.Liu, M.Shen, Y.Xu, Z., Design and Performance Evaluation of Real-time Endovascular Interventional Surgical Robotic System with High Accuracy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1915	3
5558	I. W. Perets, J. P.Close, M. R.Mu, B. H.Yuen, L. C.Domb, B. G., Robot-assisted total hip arthroplasty: Clinical outcomes and complication rate. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1912	3
5559	R. Crolla, P. G.van der Schelling, G. P., Does robotic rectal cancer surgery improve the results of experienced laparoscopic surgeons? An observational single institution study comparing 168 robotic assisted with 184 laparoscopic rectal resections. Surgical Endoscopy. 2018;32;4562-4570	12
5560	D. J. V. Harris, S. J.Wilson, M. R.McGrath, J. S.LeBel, M. E.Buckingham, G., A randomised trial of observational learning from 2D and 3D models in robotically assisted surgery. Surgical Endoscopy. 2018;32;4527-4532	3
5561	C. R. K. Razavi, M. G. A.Fondong, A.Clark, J. H.Richmon, J. D.Tufano, R. P.Russell, J. O., Early outcomes in transoral vestibular thyroidectomy: Robotic versus endoscopic techniques. Head & Neck. 2018;40;2246-2253	12

5562	S. C. Siddiq, D.Stephen, S.Sathasivam, H. P.Fox, H.O'Hara, J.Meikle, D.Iqbal, M. S.Kelly, C. G.Robinson, M.Paleri, V., Robotic lateral oropharyngectomy following diagnostic tonsillectomy is oncologically safe in patients with high risk human papillomavirus related squamous cell cancer. European Archives of Oto-Rhino-Laryngology. 2018;275;1853-1860	3
5563	D. S. Cavaliere, L.Di Pietrantonio, D.D'Acapito, F.Tauceri, F.Framarini, M.Ercolani, G., Robotic vs laparoscopic splenectomy for splenomegaly: A retrospective comparative cohort study. International Journal Of Surgery. 2018;55;44565	12
5564	S. C. Agrawal, L.Tergas, A. I.Hou, J. Y.St Clair, C. M.Ananth, C. V.Neugut, A. I.Hershman, D. L.Wright, J. D., Characteristics associated with prolonged length of stay after hysterectomy for benign gynecologic conditions. American Journal of Obstetrics & Gynecology. 2018;219;89.e1-89.e15	2
5565	G. L. Kurt, V. W.Hines, R. B.Tavasci, K.Galura, S.Ahmad, S.Holloway, R. W., Learning Needs of Women Who Undergo Robotic Versus Open Gynecologic Surgery. JOGNN - Journal of Obstetric, Gynecologic, & Neonatal Nursing. 2018;47;490-497	13
5566	S. S. Y. D. Kim, M.Dasgupta, P., The Internet of Skills: use of fifth-generation telecommunications, haptics and artificial intelligence in robotic surgery. BJU International. 2018;122;356-358	3
5567	L. M. Gu, X.Wang, B.Xie, Y.Li, X.Gao, Y.Lyu, X.Huang, Q.Fan, Y.Yao, Y.Wang, Y.Li, H.Zhang, X., Laparoscopic vs robot-assisted partial nephrectomy for renal tumours of >4 cm: a propensity score-based analysis. BJU International. 2018;122;449-455	13
5568	A. M. S. M. Kumar, J.Hoffer, S. A.Mansur, D. B.Coffey, M.Lo, S. S.Sloan, A. E.Machtay, M., Postoperative hypofractionated stereotactic brain radiation (HSRT) for resected brain metastases: improved local control with higher BED₁₀. Journal of Neuro-Oncology. 2018;139;449-454	2
5569	M. U. K. Farooq, W. Y.Ko, S. Y., A robotic suture-passing device for possible use in SILS and NOTES. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1916	5
5570	V. R. Jayanthi, Vesicoscopic cross-trigonal ureteral reimplantation: High success rate for elimination of primary reflux. Journal of pediatric urology. 2018;14;324.e1-324.e5	2
5571	S. E. S. Wang, B. U.Chen, S. C.Shyr, Y. M., Robotic distal pancreatectomy: Comparison of spleen-preservation by the Warshaw technique and splenectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1922	3
5572	A. K. Ioannidis, K.Kouraklis, G.Machairas, N.Chrysoheris, P.Antonakopoulos, F.Konstantinidis, M.Filippou, D.Skandalakis, P.Konstantinidis, K., Short-term outcomes in patients with colon cancer treated with robotic right colectomy. Journal of B.U.On.. 2018;23;317-321	3
5573	J. T. Teishima, Y.Iwaguro, S.Hayashi, T.Inoue, S.Hieda, K.Shinmei, S.Kato, R.Mita, K.Matsubara, A., Usefulness of personalized three-dimensional printed model on the satisfaction of preoperative education for patients undergoing robot-assisted partial nephrectomy and their families. International Urology & Nephrology. 2018;50;1061-1066	3
5574	L. V. Lenfant, G.Campi, R.Parra, J.Graffeille, V.Masson-Lecomte, A.Vordos, D.de La Taille, A.Roumiguie, M.Lesourd, M.Taksin, L.Misrai, V.Grande, P.Vaessen, C.Ploussard, G.Granger, B.Roupret, M., Perioperative outcomes and complications of intracorporeal vs extracorporeal urinary diversion after robot-assisted radical cystectomy for bladder cancer: a real-life, multi-institutional french study. World Journal of Urology. 2018;36;1711-1718	3

5575	K. A. P. Thompson, S.Pottage, T.Bennett, A. M., Sampling and inactivation of wet disseminated spores from flooring materials, using commercially available robotic vacuum cleaners. Journal of Applied Microbiology. 2018;125;1030-1039	3
5576	S. I. M. Scott, A. K. O.Rubek, N.Channir, H. I.Kehlet, H.von Buchwald, C., Time course of subacute pain after transoral robotic surgery (TORS) for oropharyngeal squamous cell carcinoma versus traditional bilateral tonsillectomy in adults - a case-control study. Acta Oto-Laryngologica. 2018;138;837-842	13
5577	P. P. v. d. H. Grimminger, S.Ruurda, J. P.van Det, M.Morel, P.van Hillegersberg, R., Surgical robotics for esophageal cancer. Annals of the New York Academy of Sciences. 2018;1434;21-26	8
5578	M. N. Marchioni, S.Preisser, F.Bandini, M.Tian, Z.Kapoor, A.Cindolo, L.Primiceri, G.Carmignani, L.Briganti, A.Montorsi, F.Shariat, S. F.Schips, L.Karakiewicz, P. I., The Effect of Institution Teaching Status on Perioperative Outcomes After Robotic Partial or Radical Nephrectomy. Journal of Endourology. 2018;32;621-629	3
5579	C. G. M. Yheulon, D. W.Balla, F. M.Patel, A. D.Lin, E.Stetler, J. L.Davis, S. S., Jr., Robotic-assisted Laparoscopic Repair of Scrotal Inguinal Hernias. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2018;28;188-192	3
5580	J. Z. Lu, H. L.Li, P.Xie, J. W.Wang, J. B.Lin, J. X.Chen, Q. Y.Cao, L. L.Lin, M.Tu, R. H.Huang, Z. N.Huang, C. M.Zheng, C. H., A Propensity Score-Matched Comparison of Robotic Versus Laparoscopic Gastrectomy for Gastric Cancer: Oncological, Cost, and Surgical Stress Analysis. Journal of Gastrointestinal Surgery. 2018;22;1152-1162	12
5581	N. A. Raison, K.Abe, T.Brunckhorst, O.Novara, G.Buffi, N.McIlhenny, C.van der Poel, H.van Hemelrijck, M.Gavazzi, A.Dasgupta, P., Cognitive training for technical and non-technical skills in robotic surgery: a randomised controlled trial. BJU International. 2018;122;1075-1081	3
5582	D. D. W. Shaw, M.Taylor, L.Bertelson, N. L.Shashidharan, M.Menon, P.Menon, V.Wood, S.Ternent, C. A., Robotic Colorectal Surgery Learning Curve and Case Complexity. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1163-1168	5
5583	G. D. A. R. Santok, A.Chang, K. D.Kim, L.Lum, T. G.Alenzi, M. J.Han, W. K.Choi, Y. D.Rha, K. H., Estimated glomerular filtration rate's time to nadir after robot-assisted partial nephrectomy: Predictors and clinical significance on renal functional recovery. International Journal of Urology. 2018;25;660-667	3
5584	M. A. W. Granieri, A. C.Sun, J. Y.Stifelman, M. D.Zhao, L. C., Robotic Y-V Plasty for Recalcitrant Bladder Neck Contracture. Urology. 2018;117;163-165	8
5585	R. S. B. Pompe, B.Haese, A.Preisser, F.Michl, U.Steuber, T.Graefen, M.Huland, H.Karakiewicz, P. I.Tilki, D., Postoperative complications of contemporary open and robot-assisted laparoscopic radical prostatectomy using standardised reporting systems. BJU International. 2018;122;801-807	12
5586	J. S. Peng, S.Pulman, K. J.Zhang, L.Murphy, J.Feigenberg, T., The Feasibility of Laparoscopic Surgery in Gynecologic Oncology for Obese and Morbidly Obese Patients. International Journal of Gynecological Cancer. 2018;28;967-974	2
5587	X. K. Du, T.Chang, P. L.Allan, M.Ourselin, S.Sznitman, R.Kelly, J. D.Stoyanov, D., Articulated Multi-Instrument 2-D Pose Estimation Using Fully Convolutional Networks. IEEE Transactions on Medical Imaging. 2018;37;1276-1287	2
5588	M. O. Allan, S.Hawkes, D. J.Kelly, J. D.Stoyanov, D., 3-D Pose Estimation of Articulated Instruments in Robotic Minimally Invasive Surgery. IEEE Transactions on Medical Imaging. 2018;37;1204-1213	3
5589	G. W. Coyan, L. M.Althouse, A.Roberts, H. G.Schauble, D.Murashita, T.Cook, C. C.Rankin, J. S.Badhwar, V., Robotic mitral valve operations by experienced surgeons are cost-neutral and durable at 1 year. Journal of Thoracic & Cardiovascular Surgery. 2018;156;1040-1047	4

5590	Y. G. Zhang, M.Birchall, C.Guan, X., Single-incision laparoscopic abdominal cerclage placement: A retrospective study of single-port and robotic single-port versus multiport laparoscopy. International Journal of Gynaecology & Obstetrics. 2018;142;236-238	3
5591	T. K. Yamaguchi, Y.Shiomi, A.Kagawa, H.Yamakawa, Y.Furutani, A.Manabe, S.Yamaoka, Y.Hino, H., Oncological outcomes of robotic-assisted laparoscopic versus open lateral lymph node dissection for locally advanced low rectal cancer. Surgical Endoscopy. 2018;32;4498-4505	12
5592	A. K. L. Kosturakis, K. E.Carroll, N. D.Nicholl, M. B., First 100 consecutive robotic inguinal hernia repairs at a Veterans Affairs hospital. Journal of Robotic Surgery. 2018;12;699-704	12
5593	K. H. Meredith, J.Andacoglu, O.Shridhar, R., Safety and feasibility of robotic-assisted Ivor-Lewis esophagectomy. Diseases of the Esophagus. 2018;31;1	3
5594	G. P. Veronesi, B.Cerfolio, R.Dylewski, M.Toker, A.Fontaine, J. P.Hanna, W. C.Morenghi, E.Novellis, P.Velez-Cubian, F. O.Amaral, M. H.Dieci, E.Alloisio, M.Toloza, E. M., Robotic resection of Stage III lung cancer: an international retrospective study. European Journal of Cardio-Thoracic Surgery. 2018;54;912-919	3
5595	T. I. Hanna, C., Robotics in HPB surgery. Annals of the Royal College of Surgeons of England. 2018;100;31-37	3
5596	L. A. P. R. McGuinness, B., Robotics in urology. Annals of the Royal College of Surgeons of England. 2018;100;38-44	3
5597	V. B. Bagga, D., Robotics in neurosurgery. Annals of the Royal College of Surgeons of England. 2018;100;19-22	3
5598	Y. A. M. Qureshi, B., Robotic oesophago-gastric cancer surgery. Annals of the Royal College of Surgeons of England. 2018;100;23-30	3
5599	C. L. Luo, M.Li, X., Efficacy and safety outcomes of robotic radical hysterectomy in Chinese older women with cervical cancer compared with laparoscopic radical hysterectomy. BMC Women's Health. 2018;18;61	13
5600	P. J. C. Oh, J.Hatcher, D.Djaladat, H.Hung, A. J., Crowdsourced versus expert evaluations of the vesico-urethral anastomosis in the robotic radical prostatectomy: is one superior at discriminating differences in automated performance metrics?. Journal of Robotic Surgery. 2018;12;705-711	3
5601	E. O. K. Dickens, R.Gonzalez, A.Richardson, C.D'Amico, L.Rabaza, J.Gamagami, R., Does robotic-assisted transabdominal preperitoneal (R-TAPP) hernia repair facilitate contralateral investigation and repair without compromising patient morbidity?. Journal of Robotic Surgery. 2018;12;713-718	3
5602	M. T. B. Chikhaoui, A.Rougeot, P.Rabenorosoa, K.Ouisse, M.Andreff, N., Developments and Control of Biocompatible Conducting Polymer for Intracorporeal Continuum Robots. Annals of Biomedical Engineering. 2018;46;1511-1521	3
5603	M. G. Casiraghi, D.Borri, A.Tessitore, A.Romano, R.Brambilla, D.Maisonneuve, P.Spaggiari, L., Robotic-assisted thymectomy for early-stage thymoma: a propensity-score matched analysis. Journal of Robotic Surgery. 2018;12;719-724	13
5604	M. A. Y. Bedaiwy, P. J.Farghaly, T. A.Abdelhafez, F. F.Tan, J.Pope, R.Hurd, W. W.Liu, J. H.Zanotti, K., The Effect of Age and Body Mass Index on the Surgical Anatomy of Supraumbilical Port Insertion: Implications for Laparoscopic and Robotic Surgery. Gynecologic & Obstetric Investigation. 2018;83;546-551	3
5605	R. M. G. Reddy, M. L.Oh, D. S.Mehendale, S.Reed, M. F., Robotic-Assisted Versus Thoracoscopic Lobectomy Outcomes From High-Volume Thoracic Surgeons. Annals of Thoracic Surgery. 2018;106;902-908	13
5606	R. H. S. Dwyer, M. J.Marshall, J. S.Tsoraides, S. S., Safety and efficacy of synchronous robotic surgery for colorectal cancer with liver metastases. Journal of Robotic Surgery. 2018;12;603-606	3

5607	R. D. Gamagami, E.Gonzalez, A.D'Amico, L.Richardson, C.Rabaza, J.Kolachalam, R., Open versus robotic-assisted transabdominal preperitoneal (R-TAPP) inguinal hernia repair: a multicenter matched analysis of clinical outcomes. Hernia. 2018;22;827-836	12
5608	G. T. Simone, G.Misuraca, L.Anceschi, U.Ferriero, M.Minisola, F.Guaglianone, S.Gallucci, M., Perioperative and mid-term oncologic outcomes of robotic assisted radical cystectomy with totally intracorporeal neobladder: Results of a propensity score matched comparison with open cohort from a single-centre series. European Journal of Surgical Oncology. 2018;44;1432-1438	13
5609	B. K. Kayani, S.Pietrzak, J. R. T.Haddad, F. S., Iatrogenic Bone and Soft Tissue Trauma in Robotic-Arm Assisted Total Knee Arthroplasty Compared With Conventional Jig-Based Total Knee Arthroplasty: A Prospective Cohort Study and Validation of a New Classification System. Journal of Arthroplasty. 2018;33;2496-2501	12
5610	G. J. Z. Kocher, A.Lutz, J. A.Schmidli, J.Schmid, R. A., First Rib Resection for Thoracic Outlet Syndrome: The Robotic Approach. World Journal of Surgery. 2018;42;3250-3255	3
5611	G. W. Belfiori, D.Partelli, S.Wachter, S.Maurer, E.Crippa, S.Falconi, M.Bartsch, D. K., Minimally Invasive Versus Open Treatment for Benign Sporadic Insulinoma Comparison of Short-Term and Long-Term Outcomes. World Journal of Surgery. 2018;42;3223-3230	4
5612	A. S. E.-M. Zaghloul, A. M.ElKordy, M. A.Younes, A. K.Mahmoud, A. M.Fadlalla, W. M.Mohamed, G. A., First experience of the Egyptian National Cancer Institute using the robot-assisted laparoscopic approach in radical hysterectomies for cervical cancer. Journal of Egyptian National Cancer Institute. 2018;30;61-67	3
5613	H. H. N. Balkhy, S.Kitahara, H.McCrorey, M.Patel, B., Robotic Beating Heart Totally Endoscopic Coronary Artery Bypass in Higher-Risk Patients: Can It be Done Safely?. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2018;13;108-113	3
5614	H. P. Kitahara, B.McCrorey, M.Nisivaco, S.Balkhy, H. H., Is robotic beating heart totally endoscopic coronary artery bypass feasible for BMI > 35 morbidly obese patients?. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1911	3
5615	S. K. Ishihara, T.Kawai, K.Tanaka, T.Hata, K.Kazama, S.Sunami, E.Nozawa, H.Watanabe, T., The short-term outcomes of robotic sphincter-preserving surgery for rectal cancer: comparison with open and laparoscopic surgery using a propensity score analysis. International Journal of Colorectal Disease. 2018;33;1047-1055	12
5616	F. B. van Zanten, C.Lenters, E.Broeders, IamjSchraffordt Koops, S. E., Sexual function after robot-assisted prolapse surgery: a prospective study. International Urogynecology Journal. 2018;29;905-912	3
5617	S. R. Kaufmann, G. I.Thaiss, W.Notohamiprodjo, M.Bamberg, F.Bedke, J.Morgia, G.Nikolaou, K.Stenzl, A.Kruck, S., Cognitive versus Software-Assisted Registration: Development of a New Nomogram Predicting Prostate Cancer at MRI-Targeted Biopsies. Clinical Genitourinary Cancer. 2018;16;e953-e960	2
5618	M. M. N. Maenpaa, K.Tomas, E. I.Luukkaala, T. H.Maenpaa, J. U., Robotic-Assisted Infrarenal Para-aortic Lymphadenectomy in Gynecological Cancers: Technique and Surgical Outcomes. International Journal of Gynecological Cancer. 2018;28;951-958	3
5619	S. E. P. Ferguson, T.Lau, S.Gien, L. T.Samouelian, V.Giede, C.Steed, H.Le, T.Renkosinski, B.Bernardini, M. Q., Prospective cohort study comparing quality of life and sexual health outcomes between women undergoing robotic, laparoscopic and open surgery for endometrial cancer. Gynecologic Oncology. 2018;149;476-483	13

5620	M. A. Zanaty, K.Zorn, K.El-Hakim, A., Functional outcomes of robot-assisted radical prostatectomy in patients eligible for active surveillance. World Journal of Urology. 2018;36;1391-1397	3
5621	C. B. Loaec, A. S.Ngo, C.Cornou, C.Rossi, L.Bensaid, C.Nos, C.Lecuru, F., Dual docking robotic surgical staging for high risk endometrial cancer. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2018;225;79-83	3
5622	T. J. V. O. Abel, R.Amorim-Leite, R.Mathieu, F.Kahane, P.Minotti, L.Hoffmann, D.Chabardes, S., Frameless robot-assisted stereoelectroencephalography in children: technical aspects and comparison with Talairach frame technique. Journal of Neurosurgery. Pediatrics.. 2018;22;37-46	12
5623	J. N. L. Shillingford, J. L.Park, P. J.Lombardi, J. M.Tuchman, A.Saifi, C.Lehman, R. A., Jr.Lenke, L. G., Human versus Robot: A Propensity-Matched Analysis of the Accuracy of Free Hand versus Robotic Guidance for Placement of S2 Alar-Iliac (S2AI) Screws. Spine. 2018;43;E1297-E1304	12
5624	K. T. Tanaka, J.Takenaka, A.Shiroki, R.Kobayashi, Y.Hattori, K.Kanayama, H. O.Horie, S.Yoshino, Y.Fujisawa, M., Prospective study of robotic partial nephrectomy for renal cancer in Japan: Comparison with a historical control undergoing laparoscopic partial nephrectomy. International Journal of Urology. 2018;25;472-478	13
5625	S. J. J. Duan, R. Z.Zhang, Y. X.Liu, H. S.Zhang, N. S.Zhang, S. Y., Removal of Benign Superficial Masses Using the TriVex System: Preliminary Clinical Results. Surgical Innovation. 2018;25;230-235	2
5626	J. S. Esteban, W.Requena Witzig, S.Rienmuller, A.Virga, S.Frisch, B.Zettinig, O.Sakara, D.Ryang, Y. M.Navab, N.Hennersperger, C., Robotic ultrasound-guided facet joint insertion. International Journal of Computer Assisted Radiology & Surgery. 2018;13;895-904	3
5627	E. G. Belbachir, E.Bayle, B.Essert, C., Automatic planning of needle placement for robot-assisted percutaneous procedures. International Journal of Computer Assisted Radiology & Surgery. 2018;13;1429-1438	3
5628	R. B. Cockrell, J.Lee, D., Robot-Assisted Simple Prostatectomy. Journal of Endourology. 2018;32;S33-S38	3
5629	S. H. K. Paek, K. H.Park, S. J., A Comparison of Robotic Versus Open Thyroidectomy for Papillary Thyroid Cancer. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2018;28;170-173	12
5630	T. N. Iwasa, R.Onogi, S.Okamoto, Y.Arata, J.Oguri, S.Ogino, H.Ihara, E.Ohuchida, K.Akahoshi, T.Ikeda, T.Ogawa, Y.Hashizume, M., A new robotic-assisted flexible endoscope with single-hand control: endoscopic submucosal dissection in the ex vivo porcine stomach. Surgical Endoscopy. 2018;32;3386-3392	1
5631	Q. P. Alimi, B.Sebe, P.Cote, J. F.Kammerer-Jacquet, S. F.Khene, Z. E.Pradere, B.Mathieu, R.Verhoest, G.Guillonneau, B.Bensalah, K., Comparison of Short-Term Functional, Oncological, and Perioperative Outcomes Between Laparoscopic and Robotic Partial Nephrectomy Beyond the Learning Curve. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1047-1052	5
5632	G. M. Simone, L.Tuderti, G.Minisola, F.Ferriero, M.Romeo, G.Costantini, M.Al-Rawashdah, S. F.Guaglianone, S.Gallucci, M., Purely off-clamp robotic partial nephrectomy: Preliminary 3-year oncological and functional outcomes. International Journal of Urology. 2018;25;606-614	3
5633	K. W. Qin, Z.Jin, J.Shen, B.Peng, C., Internal Hernia Following Robotic Assisted Pancreaticoduodenectomy. Medical Science Monitor. 2018;24;2287-2293	3
5634	Q. G. Liu, Y.Zhao, Z.Zhao, G.Liu, R.Lau, W. Y., Robotic resection of benign nonadrenal retroperitoneal tumors: A consecutive case series. International Journal Of Surgery. 2018;55;188-192	3

5635	S. W. Guo, Y.Xiao, N.Li, Y.Jiang, Y., Study on real-time force feedback for a master-slave interventional surgical robotic system. Biomedical Microdevices. 2018;20;37	3
5636	A. A. S. Hussein, K. J.May, P. R.Meng, M. V.Hosseini, A.Eun, D. D.Daneshmand, S.Bochner, B. H.Peabody, J. O.Abaza, R.Skinner, E. C.Hautmann, R. E.Guru, K. A., Development and validation of surgical training tool: cystectomy assessment and surgical evaluation (CASE) for robot-assisted radical cystectomy for men. Surgical Endoscopy. 2018;32;4458-4464	3
5637	A. G. Territo, L.Alcaraz, A.Musquera, M.Doumerc, N.Decaestecker, K.Desender, L.Stockle, M.Janssen, M.Fornara, P.Mohammed, N.Siena, G.Serni, S.Sahin, S.Tugcu, V.Basile, G.Breda, A., European experience of robot-assisted kidney transplantation: minimum of 1-year follow-up. BJU International. 2018;122;255-262	3
5638	K. D. A. R. Chang, A.Choi, Y. D.Chung, B. H.Rha, K. H., Retzius-sparing robot-assisted radical prostatectomy using the Revo-i robotic surgical system: surgical technique and results of the first human trial. BJU International. 2018;122;441-448	3
5639	K. D. A. R. Chang, A.Kim, K. H.Oh, C. K.Park, S. Y.Kim, Y. S.Ham, W. S.Han, W. K.Choi, Y. D.Chung, B. H.Rha, K. H., Functional and oncological outcomes of open, laparoscopic and robot-assisted partial nephrectomy: a multicentre comparative matched-pair analyses with a median of 5 years' follow-up. BJU International. 2018;122;618-626	13
5640	Y. H. P. Tam, K. K. Y.Wong, Y. S.Chan, K. W.Lee, K. H., From Laparoscopic Pyeloplasty to Robot-Assisted Laparoscopic Pyeloplasty in Primary and Reoperative Repairs for Ureteropelvic Junction Obstruction in Children. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;1012-1018	13
5641	T. K. Rogula, M.Janik, M. R.Petrosky, J. A.Nowacki, A. S.Dombrowska, A.Kroh, M.Brethauer, S.Aminian, A.Schauer, P., Does Robotic Roux-en-Y Gastric Bypass Provide Outcome Advantages over Standard Laparoscopic Approaches?. Obesity Surgery. 2018;28;2589-2596	12
5642	Y. Y. Matsukawa, Y.Ishida, S.Fujita, T.Majima, T.Funahashi, Y.Sassa, N.Kato, M.Gotoh, M., De novo overactive bladder after robot-assisted laparoscopic radical prostatectomy. Neurourology & Urodynamics. 2018;37;2008-2014	3
5643	R. B. Schiavina, M.Dababneh, H.Rossi, M. S.Pultrone, C. V.Vagnoni, V.Chessa, F.Bianchi, L.Porreca, A.Mottrie, A.Brunocilla, E., The impact of a structured intensive modular training in the learning curve of robot assisted radical prostatectomy. Archivio Italiano di Urologia, Andrologia. 2018;90;44568	5
5644	N. B. H. Huben, A. A.May, P. R.Whittum, M.Krasowski, C.Ahmed, Y. E.Jing, Z.Khan, H.Kim, H. L.Schwaab, T.Underwood, W.Kauffman, E. C.Mohler, J. L.Guru, K. A., Development of a Patient-Based Model for Estimating Operative Times for Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2018;32;730-736	3
5645	B. J. O. Linder, J. A.Habermann, E. B.Glasgow, A. E.Bews, K. A.Gershman, B., A National Contemporary Analysis of Perioperative Outcomes of Open versus Minimally Invasive Sacrocolpopexy. Journal of Urology. 2018;200;862-867	2
5646	X. G. Bao, S.Xiao, N.Li, Y.Yang, C.Shen, R.Cui, J.Jiang, Y.Liu, X.Liu, K., Operation evaluation in-human of a novel remote-controlled vascular interventional robot. Biomedical Microdevices. 2018;20;34	3
5647	A. M. Gilmour, A. D.Rowe, P. J.Banger, M. S.Donnelly, I.Jones, B. G.Blyth, M. J. G., Robotic-Arm-Assisted vs Conventional Unicompartmental Knee Arthroplasty. The 2-Year Clinical Outcomes of a Randomized Controlled Trial. Journal of Arthroplasty. 2018;33;S109-S115	12
5648	P. P. H. Grimminger, E.Ruurda, J. P.Lang, H.van Hillegersberg, R., The da Vinci Xi Robotic Four-Arm Approach for Robotic-Assisted Minimally Invasive Esophagectomy. Thoracic & Cardiovascular Surgeon. 2018;66;407-409	3

5649	Y. S. Koike, I.Mizuno, H.Shiomi, H.Kurosu, K.Ota, S.Yoshioka, Y.Suzuki, O.Tamari, K.Ogawa, K., Dosimetric impact of intra-fraction prostate motion under a tumour-tracking system in hypofractionated robotic radiosurgery. PLoS ONE [Electronic Resource]. 2018;13;e0195296	3
5650	O. S. W. Ko, A. B.Smith, N. D.Meeks, J. J., Rates and Predictors of Conversion to Open Surgery During Minimally Invasive Radical Cystectomy. Journal of Endourology. 2018;32;488-494	3
5651	C. C. C. Kuo, H. H.Hsing, C. H.Hii, H. P.Wu, N. C.Hsu, C. M.Chen, C. I.Cheng, B. C., Robotic mitral valve replacements with bioprosthetic valves in 52 patients: experience from a tertiary referral hospital. European Journal of Cardio-Thoracic Surgery. 2018;54;853-859	2
5652	F. B. Porpiglia, R.Amparore, D.Checcucci, E.Artibani, W.Dasgupta, P.Montorsi, F.Tewari, A.Fiori, C.Esut,, Augmented reality during robot-assisted radical prostatectomy: expert robotic surgeons' on-the-spot insights after live surgery. Minerva Urologica e Nefrologica. 2018;70;226-229	3
5653	S. M. K. Park, H. J.Lee, S. Y.Chang, B. S.Lee, C. K.Yeom, J. S., Radiographic and Clinical Outcomes of Robot-Assisted Posterior Pedicle Screw Fixation: Two-Year Results from a Randomized Controlled Trial. Yonsei Medical Journal. 2018;59;438-444	12
5654	A. H. A. Jinnah, M. A.Lara, D. L.Jinnah, R. H.Poehling, G. G.Gwam, C. U.Plate, J. F., Decreased Time to Return to Work Using Robotic-Assisted Unicompartmental Knee Arthroplasty Compared to Conventional Techniques. Surgical Technology International. 2018;32;279-283	3
5655	C. Z. Li, B.Han, Y.Jin, R.Xiang, J.Li, H., Robotic sleeve resection for pulmonary disease. World Journal of Surgical Oncology. 2018;16;74	3
5656	H. Y. G. Tiong, B. Y. S.Chiong, E.Tan, L. G. L.Vathsala, A., Robotic kidney autotransplantation in a porcine model: a procedure-specific training platform for the simulation of robotic intracorporeal vascular anastomosis. Journal of Robotic Surgery. 2018;12;693-698	1
5657	B. S. Parsley, Robotics in Orthopedics: A Brave New World. Journal of Arthroplasty. 2018;33;2355-2357	3
5658	B. R. B. Reynolds, C.Zeps, N.Codde, J.Lawrentschuk, N.Bolton, D.Vivian, J., Exploring pathways towards improving patient experience of robot-assisted radical prostatectomy (RARP): assessing patient satisfaction and attitudes. BJU International. 2018;121 Suppl 3;33-39	3
5659	D. J. S. Pell, M., Analysis and optimization of bone machining for robotic orthopedic surgeries. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1910	3
5660	S. V. Jeromin, M.Rauchholz, C.Billet, S.Mueller, C. A.Lavallee, S.Radermacher, K.de la Fuente, M., A new approach for safe planning transfer using semi-automatically adjustable instrument guides. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1907	2
5661	L. P. Morelli, M.Simoncini, T.Cela, V.Perutelli, A.Selli, C.Buccianti, P.Francesca, F.Cecchi, M.Zirafa, C.Bastiani, L.Cuschieri, A.Melfi, F., A prospective, single-arm study on the use of the da Vinci R Table Motion with the Trumpf TS7000dV operating table. Surgical Endoscopy. 2018;32;4165-4172	2
5662	A. P. Galfano, D.Secco, S.Di Trapani, D.Barbieri, M.Napoli, G.Strada, E.Petralia, G.Bocciardi, A. M., Does prostate volume have an impact on the functional and oncological results of Retzius-sparing robot-assisted radical prostatectomy?. Minerva Urologica e Nefrologica. 2018;70;408-413	3
5663	T. K. K. Stephens, N. J.Dockter, R. L.O'Neill, J. J.Sweet, R. M.Kowalewski, T. M., Blended shared control utilizing online identification : Regulating grasping forces of a surrogate surgical grasper. International Journal of Computer Assisted Radiology & Surgery. 2018;13;769-776	2
5664	H. R. S. Nolan, B. E.Honaker, M. D., Operative time and length of stay is similar between robotic assisted and laparoscopic colon and rectal resections. Journal of Robotic Surgery. 2018;12;659-664	12

5665	Y. Y. Sakai, M. T.Oyama, T.Murakami, C.Kakuta, N.Tanaka, K., Noninvasive continuous blood pressure monitoring by the ClearSight system during robot-assisted laparoscopic radical prostatectomy. Journal of Medical Investigation. 2018;65;69-73	3
5666	R. K. T. Ahlawat, V.Arora, S.Wong, P.Sood, A.Jeong, W.Bhandari, M.Menon, M., Learning Curves and Timing of Surgical Trials: Robotic Kidney Transplantation with Regional Hypothermia. Journal of Endourology. 2018;32;1160-1165	5
5667	P. A. O'Leary M, R. I.Dauphine, C. E.Hari, D. M.Ozao-Choy, J. J., Building a Single-Site Robotic Cholecystectomy Program in a Public Teaching Hospital: Is It Safe for Patients and Feasible for Residents to Participate?. American Surgeon. 2018;84;188-191	10
5668	M. G. Palmeri, D.Guadagni, S.Di Franco, G.Bastiani, L.Furbetta, N.Simoncini, T.Zirafa, C.Melfi, F.Buccianti, P.Moglia, A.Cuschieri, A.Mosca, F.Morelli, L., Robotic Colorectal Resection With and Without the Use of the New Da Vinci Table Motion: A Case-Matched Study. Surgical Innovation. 2018;25;251-257	3
5669	S. D. M. Alfieri, D.Menghi, R.Cina, C.Fiorillo, C.Prioli, F.Rosa, F.Doglietto, G. B.Quero, G., Single-Docking Full Robotic Surgery for Rectal Cancer: A Single-Center Experience. Surgical Innovation. 2018;25;258-266	3
5670	S. P. Panteleimonitis, O.Abbas, H.Harper, M.Kandala, N.Figueiredo, N.Qureshi, T.Parvaiz, A., Robotic rectal cancer surgery in obese patients may lead to better short-term outcomes when compared to laparoscopy: a comparative propensity scored match study. International Journal of Colorectal Disease. 2018;33;1079-1086	12
5671	L. Z. Ma, Z.Zhang, B.Jiang, W.Fu, L.Zhang, X.Liao, H., Three-dimensional augmented reality surgical navigation with hybrid optical and electromagnetic tracking for distal intramedullary nail interlocking. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1909	2
5672	M. R. Ershad, R.Fey, A. M., Meaningful Assessment of Robotic Surgical Style using the Wisdom of Crowds. International Journal of Computer Assisted Radiology & Surgery. 2018;13;1037-1048	3
5673	B. N. T. Arnold, D. C.Narayan, R.Blasberg, J. D.Detterbeck, F. C.Boffa, D. J.Kim, A. W., Robotic-Assisted Lobectomies in the National Cancer Database. Journal of the American College of Surgeons. 2018;226;1052-1062.e15	3
5674	L. S. Cheng, M.Tavakoli, M., Towards robot-assisted anchor deployment in beating-heart mitral valve surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1900	3
5675	G. M. Cacciamani, L.Ashrafi, A.Landsberger, H.Winter, M.Mekhail, P.Desai, M.Aron, M.Berger, A., Transvesical robot-assisted simple prostatectomy with 360degree circumferential reconstruction: step-by-step technique. BJU International. 2018;122;344-348	3
5676	J. J. C. Yune, J. W.Wagner, H.Kim, J.Hardesty, J. S.Siddighi, S., Postoperative urinary retention after pelvic organ prolapse repair: Vaginal versus robotic transabdominal approach. Neurourology & Urodynamics. 2018;37;1794-1800	3
5677	M. E. M. Chua, J. M.Kim, J. K.Koyle, M. A.Braga, L. H.Lorenzo, A. J., Laparoscopic-assisted Versus Open Appendicovesicostomy Procedure in Patients With Prior Abdominal Surgeries: A Comparative Study. Urology. 2018;116;93-98	2
5678	X. Z. Jin, J.Feng, M.Hao, L.Li, Q., Snake-like surgical forceps for robot-assisted minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1908	3

5679	R. R. Agarwal, A.Unnikrishnan, U. G., A retrospective evaluation of the perioperative drug use and comparison of its cost in robotic vs open surgery for endometrial cancer. Journal of Robotic Surgery. 2018;12;665-672	13
5680	R. M. Tang, L. F.Rong, Z. X.Li, M. D.Zeng, J. P.Wang, X. D.Liao, H. E.Dong, J. H., Augmented reality technology for preoperative planning and intraoperative navigation during hepatobiliary surgery: A review of current methods. Hepatobiliary & Pancreatic Diseases International. 2018;17;101-112	2
5681	A. A. Lindfors, A.Staf, C.Sjoli, P.Sundfeldt, K.Dahm-Kahler, P., Robotic vs Open Surgery for Endometrial Cancer in Elderly Patients: Surgical Outcome, Survival, and Cost Analysis. International Journal of Gynecological Cancer. 2018;28;692-699	13
5682	P. A. Banapour, G. A.Bider-Canfield, Z.Elliott, P. A.Kilday, P. S.Chien, G. W., Nephrometry score matched robotic vs. laparoscopic vs. open partial nephrectomy. Journal of Robotic Surgery. 2018;12;679-685	13
5683	L. N. Ross, A. M.Bulacio, J. C.Najm, I. M.Gonzalez-Martinez, J. A., Stereoelectroencephalography-Guided Laser Ablations in Patients With Neocortical Pharmacoresistant Focal Epilepsy: Concept and Operative Technique. Operative Neurosurgery. 2018;15;656-663	2
5684	C. A. Koksal, U.Donmez Kesen, N.Okutan, M.Bilge, H.Kemikler, G., Patient-specific quality assurance for intracranial cases in robotic radiosurgery system. Journal of B.U.On.. 2018;23;179-184	5
5685	S. G. von Mechow, M.Haese, A.Tennstedt, P.Pehrke, D.Friedersdorff, F.Beyer, B., Return to work following robot-assisted laparoscopic and open retropubic radical prostatectomy: A single-center cohort study to compare duration of sick leave. Urologic Oncology. 2018;36;309.e1-309.e6	12
5686	S. Y. C. Lu, H. J.Huang, E. Y.Lin, T. P.Lin, A. T. L., The perioperative outcomes between renal hilar and non-hilar tumors following robotic-assisted partial nephrectomy (RAPN). Journal of the Chinese Medical Association: JCMA. 2018;81;676-681	3
5687	A. W. Martinschek, G.Ritter, M.Heinrich, E.Bolenz, C.Trojan, L., The concentration of console surgeons: prospective evaluation of the loss of attention in robotic-assisted procedures. Journal of Robotic Surgery. 2018;12;673-678	1
5688	A. C. Harichane, D.Hans, S., Nasopharynx access by minimally invasive transoral robotic surgery: anatomical study. Journal of Robotic Surgery. 2018;12;687-692	3
5689	G. C. Marulli, G. M.Schiavon, M.Rebusso, A.Mammana, M.Zampieri, D.Perissinotto, E.Rea, F., Comparing robotic and trans-sternal thymectomy for early-stage thymoma: a propensity score-matching study. European Journal of Cardio-Thoracic Surgery. 2018;54;579-584	13
5690	E. M. Duchalais, N.Kelley, S. R.Landmann, R. G.Merchea, A.Colibaseanu, D. T.Mathis, K. L.Dozois, E. J.Larson, D. W., Does prolonged operative time impact postoperative morbidity in patients undergoing robotic-assisted rectal resection for cancer?. Surgical Endoscopy. 2018;32;3659-3666	3
5691	B. G. Ege, M., Robotic Sleeve Gastrectomy for Morbid Obesity. Jcpsp, Journal of the College of Physicians & Surgeons - Pakistan. 2018;28;226-228	3
5692	L. M. Kumar, A.Gudgeon, A., An effective adaptation for suction in robotic and laparoscopic pelvic surgery. Annals of the Royal College of Surgeons of England. 2018;100;499	3
5693	H. Y. H. Deng, W. X.Li, G.Li, S. X.Luo, J.Alai, G.Wang, Y.Liu, L. X.Lin, Y. D., Comparison of short-term outcomes between robot-assisted minimally invasive esophagectomy and video-assisted minimally invasive esophagectomy in treating middle thoracic esophageal cancer. Diseases of the Esophagus. 2018;31;1	13
5694	J. H. S. Kaouk, D.Garisto, J., Robot-assisted transvesical partial prostatectomy using a purpose-built single-port robotic system. BJU International. 2018;122;520-524	7

5695	Z. A. U. Hamilton, R. G.Larcher, A.Lane, B. R.Ristau, B.Capitanio, U.Ryan, S.Dey, S.Correa, A.Reddy, M.Proudfoot, J. A.Nasseri, R.Yim, K.Noyes, S.Bindayi, A.Montorsi, F.Derweesh, I. H., Comparison of functional outcomes of robotic and open partial nephrectomy in patients with pre-existing chronic kidney disease: a multicenter study. World Journal of Urology. 2018;36;1255-1262	13
5696	R. A. Dos Reis, CemcFrumovitz, M.Munsell, M.Ramirez, P. T., Radical Hysterectomy and Age: Outcomes Comparison Based on a Minimally Invasive vs an Open Approach. Journal of Minimally Invasive Gynecology. 2018;25;1224-1230	3
5697	B. K. W. Varda, Y.Chung, B. I.Lee, R. S.Kurtz, M. P.Nelson, C. P.Chang, S. L., Has the robot caught up? National trends in utilization, perioperative outcomes, and cost for open, laparoscopic, and robotic pediatric pyeloplasty in the United States from 2003 to 2015. Journal of pediatric urology. 2018;14;336.e1-336.e8	4
5698	T. E. Williamson, S.Chauhan, S., Automated geometric optimization for robotic HIFU treatment of liver tumors. Computers in Biology & Medicine. 2018;96;44568	3
5699	A. R. Motesharei, P.Blyth, M.Jones, B.Maclean, A., A comparison of gait one year post operation in an RCT of robotic UKA versus traditional Oxford UKA. Gait & Posture. 2018;62;41-45	3
5700	I. D. Georgilas, G.Tarassoli, P.Atkins, R.Dogramadzi, S., Robot-Assisted Fracture Surgery: Surgical Requirements and System Design. Annals of Biomedical Engineering. 2018;46;1637-1649	3
5701	L. M. O. Huynh, K.Skarecky, D.Ahlering, T. E., Predictive modelling of 2-year potency outcomes using a novel 90-day erection fullness scale after robot-assisted radical prostatectomy. BJU International. 2018;122;249-254	3
5702	C. W. He, S.Zuo, S., A linear stepping endovascular intervention robot with variable stiffness and force sensing. International Journal of Computer Assisted Radiology & Surgery. 2018;13;671-682	5
5703	C. M. L. Peng, H. C.Hsieh, C. L.Yang, Y. K.Cheng, T. C.Chou, R. H.Liu, Y. J., Application of a commercial single-port device for robotic single-incision distal pancreatectomy: initial experience. Surgery Today. 2018;48;680-686	3
5704	W. R. Watkinson, N.Abe, T.Harrison, P.Khan, S.Van der Poel, H.Dasgupta, P.Ahmed, K., Establishing objective benchmarks in robotic virtual reality simulation at the level of a competent surgeon using the RobotiX Mentor simulator. Postgraduate Medical Journal. 2018;94;270-277	3
5705	F. V. Guerra, A.Gia, E.Amore Bonapasta, S.Di Marino, M.Annecchiarico, M.Coratti, A., Early experience with totally robotic esophagectomy for malignancy. Surgical and oncological outcomes. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1902	3
5706	N. A. S. Wood, D.Passineau, M. J.Moraca, R. J.Zenati, M. A.Riviere, C. N., Beating-heart registration for organ-mounted robots. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1905	7
5707	A. S. M. Kulaylat, K. A.Puleo, F. J.Hollenbeak, C. S.Messaris, E., Robotic versus standard laparoscopic elective colectomy: where are the benefits?. Journal of Surgical Research. 2018;224;72-78	12
5708	R. I. P. Ayabe, A. B.Dauphine, C. E.Hari, D. M.Ozao-Choy, J. J., Single-site robotic cholecystectomy and robotics training: should we start in the junior years?. Journal of Surgical Research. 2018;224;44565	1

5709	B. T. Peyronnet, L.Bernhard, J. C.Vaessen, C.Doumerc, N.Sebe, P.Pradere, B.Guillonneau, B.Khene, Z. E.Nouhaud, F. X.Brichart, N.Seisen, T.Alimi, Q.Beauval, J. B.Mathieu, R.Rammal, A.de la Taille, A.Baumert, H.Droupy, S.Bruyere, F.Roupret, M.Mejean, A.Bensalah, K.members of the French Committee of Urologic, Oncology, Impact of hospital volume and surgeon volume on robot-assisted partial nephrectomy outcomes: a multicentre study. BJU International. 2018;121;916-922	3
5710	B. K. C. Varda, P.Wagner, A. A.Lee, R. S., Collaborating with our adult colleagues: A case series of robotic surgery for suspicious and cancerous lesions in children and young adults performed in a free-standing children's hospital. Journal of pediatric urology. 2018;14;182.e1-182.e8	3
5711	W. R. A. Boysen, A.Ko, J.Ellison, J. S.Lendvay, T. S.Huang, J.Garcia-Roig, M.Kirsch, A.Koh, C. J.Schulte, M.Noh, P.Monn, M. F.Whittam, B.Kawal, T.Shukla, A.Srinivasan, A.Gundeti, M. S., Prospective multicenter study on robot-assisted laparoscopic extravesical ureteral reimplantation (RALUR-EV): Outcomes and complications. Journal of pediatric urology. 2018;14;262.e1-262.e6	3
5712	M. N. X. Kaur, F.Shiwcharan, A.Patterson, L.Shargall, Y.Finley, C.Schieman, C.Dalimonte, T.Fahim, C.Hanna, W. C., Robotic Versus Video-Assisted Thoracoscopic Lung Resection During Early Program Development. Annals of Thoracic Surgery. 2018;105;1050-1057	13
5713	C. O. Lim, M.Lahat, E.Azoulay, D.Salloum, C., Extracorporeal Pringle Maneuver During Laparoscopic and Robotic Hepatectomy: Detailed Technique and First Comparison with Intracorporeal Maneuver. Journal of the American College of Surgeons. 2018;226;e19-e25	3
5714	P. S. Loertzer, S.Stockle, M.Ohlmann, C. H., Robot-sewn ileoileal anastomosis during robot-assisted cystectomy. World Journal of Urology. 2018;36;1079-1084	3
5715	Y. J. Jiang, J. B.Zhan, Q.Deng, X. X.Peng, C. H.Shen, B. Y., Robot-assisted duodenum-preserving pancreatic head resection with pancreaticogastrostomy for benign or premalignant pancreatic head lesions: a single-centre experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1903	3
5716	S. M. Yoshimura, K.Yamagata, Y.Aikou, S.Yagi, K.Nishida, M.Yamashita, H.Nomura, S.Seto, Y., Quality of life after robot-assisted transmediastinal radical surgery for esophageal cancer. Surgical Endoscopy. 2018;32;2249-2254	13
5717	R. P. Castellucci, G.Castellan, P.Marchioni, M.D'Orta, C.Berardinelli, F.Neri, F.Cindolo, L.Schips, L., Trifecta and Pentafecta Rates After Robotic Assisted Partial Nephrectomy: Comparative Study of Patients with Renal Masses <4 and >=4 cm. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;799-803	3
5718	J. F. Arata, K.Oguri, S.Onogi, S.Ikeda, T.Nakadate, R.Sakaguchi, M.Akahoshi, T.Harada, K.Mitsuishi, M.Hashizume, M., Laparoscopic ultrasound manipulator with a spring-based elastic mechanism. International Journal of Computer Assisted Radiology & Surgery. 2018;13;1063-1072	2
5719	R. R. Chalard, D.Morel, G.Mozer, P.Vitrani, M. A., Precisely positioning the tip of an instrument inserted through an orifice with a free wrist robot: application to prostate biopsies. International Journal of Computer Assisted Radiology & Surgery. 2018;13;611-618	3
5720	W. H. K. Wang, K. K.Wang, S. N.Lee, K. T., Oncological and surgical result of hepatoma after robot surgery. Surgical Endoscopy. 2018;32;3918-3924	12
5721	L. J. B. Kleeblad, T. A.Coon, T. M.Dounchis, J.Nguyen, J. T.Pearle, A. D., Midterm Survivorship and Patient Satisfaction of Robotic-Arm-Assisted Medial Unicompartmental Knee Arthroplasty: A Multicenter Study. Journal of Arthroplasty. 2018;33;1719-1726	3
5722	A. C. G. Chen, C. T., Robotic Endoscopic Airway Challenge: REACH Assessment. Annals of Thoracic Surgery. 2018;106;293-297	1

5723	S. B. H. Shafiei, A. A.Muldoon, S. F.Guru, K. A., Functional Brain States Measure Mentor-Trainee Trust during Robot-Assisted Surgery. Scientific Reports. 2018;8;3667	1
5724	F. M. S.-M. Sanchez-Margallo, J. A., Assessment of Postural Ergonomics and Surgical Performance in Laparoendoscopic Single-Site Surgery Using a Handheld Robotic Device. Surgical Innovation. 2018;25;208-217	3
5725	M. V. G. Marino, A.Guarrasi, D., Robotic resection of the liver caudate lobe: technical description and initial consideration. Cirugia Espanola. 2018;96;162-168	3
5726	J. C. N. Ngu, Y. Y., Robotics confers an advantage in right hemicolectomy with intracorporeal anastomosis when matched against conventional laparoscopy. Journal of Robotic Surgery. 2018;12;647-653	12
5727	L. K. Stastny, M.Dumfarth, J.Basaran, A.Wiedemann, D.Schachner, T.Feuchtner, G.Bonatti, J.Bonaros, N., Long-Term Clinical and Computed Tomography Angiographic Follow-up After Totally Endoscopic Coronary Artery Bypass Grafting. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2018;13;44691	2
5728	A. Y. M. Chan, L.Sazgar, M.Sen-Gupta, I.Lin, J. J.Hsu, F. P. K.Vadera, S., Accuracy and Efficacy for Robotic Assistance in Implanting Responsive Neurostimulation Device Electrodes in Bilateral Mesial Temporal Lobe Epilepsy. Operative Neurosurgery. 2018;14;267-272	3
5729	E. Mulder, S.Terkivatan, T.Klop, K. W. J.I. Jzermans JNMTran, T. C. K., 3D Endoscopic Donor Nephrectomy Versus Robot-assisted Donor Nephrectomy: A Detailed Comparison of 2 Prospective Cohorts. Transplantation. 2018;102;e295-e300	1
5730	H. J. C. Kim, G. S.Park, J. S.Park, S. Y.Yang, C. S.Lee, H. J., The impact of robotic surgery on quality of life, urinary and sexual function following total mesorectal excision for rectal cancer: a propensity score-matched analysis with laparoscopic surgery. Colorectal Disease. 2018;20;O103-O113	12
5731	F. P. C. Secin, R.Monzo Gardiner, J. I.Salcedo, J. G. C.Puente, R.Martinez, L.Finkelstein, D.Valero, R.Leon, A.Angeloni, D.Rozanec, J.Berger, M.Cavazzola, L. T.Faria, E. F.Machado, R. D.Lott, F.Campos, F.Morales Montor, J. G.Moreno, C. S.Barrios, H. D., Robotic surgery in public hospitals of Latin-America: a castle of sand?. World Journal of Urology. 2018;36;595-601	3
5732	A. B. Bastawrous, C.Rashidi, L.Neighorn, C., Higher robotic colorectal surgery volume improves outcomes. American Journal of Surgery. 2018;215;874-878	3
5733	I. Alkatout, An atraumatic retractor for interdisciplinary use in conventional laparoscopy and robotic surgery. Minimally Invasive Therapy & Allied Technologies: Mitat. 2018;27;265-271	3
5734	M. K. Sato, M.Hino, T.Takahashi, Y.Nagashima, N.Itaoka, N.Ueshima, C.Nakata, M.Hasumi, Y., Exploration of assistive technology for uniform laparoscopic surgery. Asian Journal of Endoscopic Surgery. 2018;11;325-328	2
5735	P. C. R. van der Sluis, J. P.van der Horst, S.Goense, L.van Hillegersberg, R., Learning Curve for Robot-Assisted Minimally Invasive Thoracoscopic Esophagectomy: Results From 312 Cases. Annals of Thoracic Surgery. 2018;106;264-271	5
5736	O. P. Kantor, H. A.Talamonti, M. S.Roggin, K. K.Bentrem, D. J.Prinz, R. A.Baker, M. S., Minimally invasive pancreatoduodenectomy: is the incidence of clinically relevant postoperative pancreatic fistula comparable to that after open pancreatoduodenectomy?. Surgery. 2018;163;587-593	4
5737	J. G. C. Bittner Iv, L. W.Kirwan, T.Wolf, L.Guo, D., Patient perceptions of acute pain and activity disruption following inguinal hernia repair: a propensity-matched comparison of robotic-assisted, laparoscopic, and open approaches. Journal of Robotic Surgery. 2018;12;625-632	12

5738	N. M. Gupta, S.McKendrick, R.Elkattah, R.Holcombe, J.Furr, R. S.Boren, T.DePasquale, S., Perioperative outcomes of robotic hysterectomy with mini-laparotomy versus open hysterectomy for uterus weighing more than 250 g. Journal of Robotic Surgery. 2018;12;641-645	13
5739	V. N. R. Vakharia, R.McEvoy, A. W.Miserocchi, A.Sparks, R.O'Keeffe, A. G.Ourselin, S.Duncan, J. S., Improving patient safety during introduction of novel medical devices through cumulative summation analysis. Journal of Neurosurgery. 2018;130;213-219	2
5740	Y. F. A. Lee, J.Akram, W. M.Wu, J.Ferraro, J.Cleary, R. K., Unplanned Robotic-Assisted Conversion-to-Open Colorectal Surgery is Associated with Adverse Outcomes. Journal of Gastrointestinal Surgery. 2018;22;1059-1067	12
5741	A. J. C. Hung, J.Che, Z.Nilanon, T.Jarc, A.Titus, M.Oh, P. J.Gill, I. S.Liu, Y., Utilizing Machine Learning and Automated Performance Metrics to Evaluate Robot-Assisted Radical Prostatectomy Performance and Predict Outcomes. Journal of Endourology. 2018;32;438-444	3
5742	M. B. Altok, K.Achim, M. F.Achim, G. C.Troncoso, P.Matin, S. F.Chapin, B. F.Davis, J. W., Surgeon-led prostate cancer lymph node staging: pathological outcomes stratified by robot-assisted dissection templates and patient selection. BJU International. 2018;122;66-75	3
5743	C. S. C. Su, Y. W.Shen, C. H.Liu, T. J.Chang, Y.Lee, W. L., Clinical outcomes of left main coronary artery disease patients undergoing three different revascularization approaches. Medicine. 2018;97;e9778	13
5744	K. F. S. Kowalewski, M. W.Proctor, T.Pohl, M.Wennberg, E.Karadza, E.Romero, P.Kenngott, H. G.Muller-Stich, B. P.Nickel, F., Skills in minimally invasive and open surgery show limited transferability to robotic surgery: results from a prospective study. Surgical Endoscopy. 2018;32;1656-1667	1
5745	A. G. Zihni, W. D.Cavallo, J. A.Ge, T.Ray, S.Chiu, J.Brunt, L. M.Awad, M. M., Comparison of precision and speed in laparoscopic and robot-assisted surgical task performance. Journal of Surgical Research. 2018;223;29-33	1
5746	H. G. Nolan, J., Minimally Invasive Pediatric Cholecystectomy: A Comparison of Robotic and Laparoscopic Single and Multiport Techniques. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;770-773	12
5747	E. M. Sala, J. M.Amorin, A.Martinez, H., Jr.Bhowmik, A. C.Lamsam, L.Chang, S.Soltys, S. G.Katznelson, L.Harsh, G. R., CyberKnife robotic radiosurgery in the multimodal management of acromegaly patients with invasive macroadenoma: a single center's experience. Journal of Neuro-Oncology. 2018;138;291-298	3
5748	A. B. Borkowetz, J.Drerup, M.Herrmann, J.Isbarn, H.Beyer, B.Ge, S. R. U. Academics Prostate Cancer Group, Multicenter evaluation of guideline adherence for pelvic lymph node dissection in patients undergoing open retropubic vs. laparoscopic or robot assisted radical prostatectomy according to the recent German S3 guideline on prostate cancer. World Journal of Urology. 2018;36;855-861	12
5749	P. P. Rao, Robotic surgery: new robots and finally some real competition!. World Journal of Urology. 2018;36;537-541	3
5750	J. B. P. Beauval, B.Benoit, T.Cabarrou, B.Seisen, T.Roumiguie, M.Pradere, B.Khene, Z. E.Manach, Q.Verhoest, G.Thoulouzan, M.Parra, J.Doumerc, N.Mathieu, R.Vaessen, C.Soulie, M.Roupret, M.Bensalah, K., Long-term oncological outcomes after robotic partial nephrectomy for renal cell carcinoma: a prospective multicentre study. World Journal of Urology. 2018;36;897-904	3
5751	B. K. G. Park, I. H.Kang, M. Y.Sung, H. H.Jeon, H. G.Jeong, B. C.Jeon, S. S.Lee, H. M.Seo, S. I., RFA versus robotic partial nephrectomy for T1a renal cell carcinoma: a propensity score-matched comparison of mid-term outcome. European Radiology. 2018;28;2979-2985	13

5752	M. S. A. Bradley, A. L.Vaughan, M. H.Kawasaki, A.Visco, A. G., Robotic-assisted sacrocolpopexy: early postoperative outcomes after surgical reduction of enlarged genital hiatus. American Journal of Obstetrics & Gynecology. 2018;218;514.e1-514.e8	3
5753	V. C. Gallotta, C.Federico, A.Vizzielli, G.Gueli Alletti, S.Tortorella, L.Pedone Anchora, L.Cosentino, F.Chiantera, V.Fagotti, A.D'Indinosante, M.Pelligra, S.Scambia, G.Ferrandina, G., Robotic versus laparoscopic radical hysterectomy in early cervical cancer: A case matched control study. European Journal of Surgical Oncology. 2018;44;754-759	13
5754	L. M. A. Huynh, T. E., Robot-Assisted Radical Prostatectomy: A Step-by-Step Guide. Journal of Endourology. 2018;32;S28-S32	3
5755	S. M. W. Monda, J. R.Anderson, B. G.Vetter, J. M.Venkatesh, R.Du, K.Andriole, G. L.Figenshau, R. S., Development and Validity of a Silicone Renal Tumor Model for Robotic Partial Nephrectomy Training. Urology. 2018;114;114-120	3
5756	S. E. M. Yao, T., A Novel Method to Facilitate Uterine Delivery at Robotic Hysterectomy. International Journal of Gynecological Cancer. 2018;28;600-603	3
5757	K. D. M. Gray, M. D.Elmously, A.Bellorin, O.Zarnegar, R.Dakin, G.Pomp, A.Afaneh, C., Perioperative Outcomes of Laparoscopic and Robotic Revisional Bariatric Surgery in a Complex Patient Population. Obesity Surgery. 2018;28;1852-1859	12
5758	I. J. K. Jun, M.Lee, J.Park, S. U.Hwang, J. H.Hong, J. H.Kim, Y. K., Effect of Mannitol on Ultrasonographically Measured Optic Nerve Sheath Diameter as a Surrogate for Intracranial Pressure During Robot-Assisted Laparoscopic Prostatectomy with Pneumoperitoneum and the Trendelenburg Position. Journal of Endourology. 2018;32;608-613	3
5759	D. A. M. Murphy, E.Miller, J.Halkos, M. E., Repeat Robotic Endoscopic Mitral Valve Operation: A Safe and Effective Strategy. Annals of Thoracic Surgery. 2018;105;1704-1709	3
5760	N. K. B. Billfeldt, C.Lindkvist, H.Stjerndahl, J. H.Ankardal, M., A Swedish population-based evaluation of benign hysterectomy, comparing minimally invasive and abdominal surgery. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2018;222;113-118	13
5761	V. C. Tandon, P. S.Doddamani, R. S.Subianto, H.Bajaj, J.Garg, A.Tripathi, M., Stereotactic Radiofrequency Thermocoagulation of Hypothalamic Hamartoma Using Robotic Guidance (ROSA) Coregistered with O-arm Guidance-Preliminary Technical Note. World Neurosurgery. 2018;112;267-274	3
5762	S. I. Takazawa, T.Harada, K.Deie, K.Hinoki, A.Uchida, H.Sugita, N.Mitsuishi, M.Iwanaka, T.Fujishiro, J., Evaluation of Surgical Devices Using an Artificial Pediatric Thoracic Model: A Comparison Between Robot-Assisted Thoracoscopic Suturing Versus Conventional Video-Assisted Thoracoscopic Suturing. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;622-627	1
5763	A. M. B. Al-Mazrou, O.Kiran, R. P., Propensity Score-Matched Analysis of Clinical and Financial Outcomes After Robotic and Laparoscopic Colorectal Resection. Journal of Gastrointestinal Surgery. 2018;22;1043-1051	12
5764	J. J. Boda-Heggemann, A.Chan, M. K. H.Ghaderi Ardekani, L. S.Hunold, P.Schafer, J. P.Huttenlocher, S.Wurster, S.Rades, D.Hildebrandt, G.Lohr, F.Dunst, J.Wenz, F.Blanck, O., Direct dose correlation of MRI morphologic alterations of healthy liver tissue after robotic liver SBRT. Strahlentherapie und Onkologie. 2018;194;414-424	3
5765	L. T. Bianchi, F. M.Larcher, A.De Groote, R.De Bruyne, P.De Coninck, V.Goossens, M.D'Hondt, F.De Naeyer, G.Schatteman, P.Mottrie, A., A Novel Approach for Apical Dissection During Robot-assisted Radical Prostatectomy: The "Collar" Technique. European Urology Focus. 2018;4;677-685	3

5766	S. Q. Struk, Q.Leymarie, N.Honart, J. F.Alkhashnam, H.De Fremicourt, K.Conversano, A.Schaff, J. B.Rimareix, F.Kolb, F.Sarfati, B., The ongoing emergence of robotics in plastic and reconstructive surgery. Annales de Chirurgie Plastique et Esthetique. 2018;63;105-112	3
5767	B. M. Pesi, L.Bartolini, I.Tofani, F.Guerra, F.Annecchiarico, M.Coratti, A., Pringle maneuver in robotic liver surgery: preliminary study. Minerva Chirurgica. 2018;73;482-487	3
5768	H. T. Tachibana, T.Kondo, T.Ishida, H.Tanabe, K., Robot-assisted laparoscopic partial nephrectomy versus laparoscopic partial nephrectomy: A propensity score-matched comparative analysis of surgical outcomes and preserved renal parenchymal volume. International Journal of Urology. 2018;25;359-364	13
5769	Y. T. Osaka, S.Ota, Y.Suda, T.Makuuti, Y.Watanabe, T.Iwasaki, K.Katsumata, K.Tsuchida, A., Usefulness of robot-assisted thoracoscopic esophagectomy. General Thoracic & Cardiovascular Surgery. 2018;66;225-231	13
5770	M. G. G. Maglione, A.Pavone, E.Longo, F.Aversa, C.Villano, S.Ionna, F., Transoral robotic surgery of parapharyngeal space tumours: a series of four cases. International Journal of Oral & Maxillofacial Surgery. 2018;47;971-975	3
5771	J. B. W. Neves, J.Fowler, S.Patki, P.Barod, R.Mumtaz, F.O'Brien, T.Aitchison, M.Bex, A.Tran, M. G. B.British Association of Urological, Surgeons, Contemporary surgical management of renal oncocytoma: a nation's outcome. BJU International. 2018;121;893-899	2
5772	P. F. L. Vining, T. M.Bizekis, C. S.Zervos, M. D., Use of electromagnetic navigational bronchoscopy in robotic pulmonary resection. Journal of Robotic Surgery. 2018;12;613-616	3
5773	R. H. Souche, A.Bourel, G.Chauvat, J.Pirlet, I.Guillon, F.Nocca, D.Borie, F.Mercier, G.Fabre, J. M., Robotic versus laparoscopic distal pancreatectomy: a French prospective single-center experience and cost-effectiveness analysis. Surgical Endoscopy. 2018;32;3562-3569	12
5774	B. S. Trilling, P. Y.Reche, F.Barbois, S.Waroquet, P. A.Faucheron, J. L., Early experience with ambulatory robotic ventral rectopexy. Journal of visceral surgery. 2018;155;44690	3
5775	C. M. Nomine-Criqui, S.Bresler, L.Brunaud, L., Operative technique: Transperitoneal robotic adrenalectomy. Journal of visceral surgery. 2018;155;50-58	3
5776	T. S. Holt, N.Hansen, G.Bradshaw, M.Prodanuk, M.McKinney, V.Johnson, R.Mendez, I., Remote Presence Robotic Technology Reduces Need for Pediatric Interfacility Transportation from an Isolated Northern Community. Telemedicine Journal & E-Health. 2018;24;927-933	2
5777	S. B. Lachkar, J. M.Thiberville, L.Peillon, C.Rinieri, P.Piton, N.Guisier, F.Salaun, M., Pleural Dye Marking Using Radial Endobronchial Ultrasound and Virtual Bronchoscopy before Sublobar Pulmonary Resection for Small Peripheral Nodules. Respiration. 2018;95;354-361	2
5778	K. T. V. Adiyat, K. K.Vishnu, R.Ramaprasad, M. K.Unni, V. N.John, R. P., Robotic-assisted renal transplantation with total extraperitonealization of the graft: experience of 34 cases. Journal of Robotic Surgery. 2018;12;535-540	3
5779	S. A. Raheem, Y. E.Hussein, A. A.Johnson, A.Cavuoto, L.May, P.Cole, A.Wang, D.Ahmad, B.Hasasneh, A.Guru, K. A., Variability and interpretation of communication taxonomy during robot-assisted surgery: do we all speak the same language?. BJU International. 2018;122;99-105	1
5780	S. M. Khadhouri, C.Fowler, S.Hounsome, L.McNeill, A.Adshead, J.McGrath, J. S.Baus Section of Oncology, The British Association of Urological Surgeons (BAUS) radical prostatectomy audit 2014/2015 - an update on current practice and outcomes by centre and surgeon case-volume. BJU International. 2018;121;886-892	2
5781	Z. F. Feng, M. P.Feng, D. P.Rice, M. J.Solorzano, C. C., A cost-conscious approach to robotic adrenalectomy. Journal of Robotic Surgery. 2018;12;607-611	4

5782	M. K. Sugi, H.Yoshida, T.Taniguchi, H.Mishima, T.Yoshida, K.Yanishi, M.Komai, Y.Watanabe, M.Matsuda, T., The narrow vesicourethral angle measured on postoperative cystography can predict urinary incontinence after robot-assisted laparoscopic radical prostatectomy. Scandinavian Journal of Urology. 2018;52;151-156	3
5783	A. R. C. Smolock, M. M.Vlaisavljevich, E.Gendron-Fitzpatrick, A.Green, C.Cannata, J.Ziemlewicz, T. J.Lee, F. T., Jr., Robotically Assisted Sonic Therapy as a Noninvasive Nonthermal Ablation Modality: Proof of Concept in a Porcine Liver Model. Radiology. 2018;287;485-493	1
5784	A. D. A. Porreca, D.Dandrea, M.Salvaggio, A.Del Rosso, A.Cappa, E.Zuccala, A.Romagnoli, D.Bianchi, L.Schiavina, R., Bidirectional barbed suture for posterior musculofascial reconstruction and knotless vesicourethral anastomosis during robot-assisted radical prostatectomy. Minerva Urologica e Nefrologica. 2018;70;319-325	3
5785	S. R. Kaufmann, G. I.Bamberg, F.Lowe, L.Morgia, G.Nikolaou, K.Stenzl, A.Kruck, S.Bedke, J., Prostate cancer detection in patients with prior negative biopsy undergoing cognitive-, robotic- or in-bore MRI target biopsy. World Journal of Urology. 2018;36;761-768	3
5786	B. R. Ubrig, A.Wagner, C.Trabs, G.Schiefelbein, F.Witt, J. H.Schoen, G.Harke, N. N., Tumor complexity and the impact on MIC and trifecta in robot-assisted partial nephrectomy: a multi-center study of over 500 cases. World Journal of Urology. 2018;36;783-788	3
5787	A. C. W. L. Reitz, E.Rosen, S. A., A single surgeon's experience transitioning to robotic-assisted right colectomy with intracorporeal anastomosis. Surgical Endoscopy. 2018;32;3525-3532	3
5788	L. N. V. Lohkamp, P.Budach, V.Kufeld, M., Efficacy, safety and outcome of frameless image-guided robotic radiosurgery for brain metastases after whole brain radiotherapy. Journal of Neuro-Oncology. 2018;138;73-81	3
5789	R. G. Uwechue, P.Kessaris, N.Byrne, N.Chandak, P.Olsburgh, J.Ahmed, K.Mamode, N.Loukopoulos, I., A novel 3D-printed hybrid simulation model for robotic-assisted kidney transplantation (RAKT). Journal of Robotic Surgery. 2018;12;541-544	3
5790	A. B.-Y. Cuendis-Velazquez, O.Trejo-Avila, M.Rosales-Castaneda, E.Rodriguez-Parra, A.Moreno-Ordaz, A.Cardenas-Lailson, E.Rojano-Rodriguez, M.Sanjuan-Martinez, C.Moreno-Portillo, M., Robotic-assisted Roux-en-Y hepaticojejunostomy after bile duct injury. Langenbecks Archives of Surgery. 2018;403;53-59	3
5791	T. P. G. Hoke, H.Saks, E. K.Vakili, B., Surgical Outcomes of Paravaginal Repair After Robotic Sacrocolpopexy. Journal of Minimally Invasive Gynecology. 2018;25;892-895	3
5792	M. W. Weigl, J.Hallett, E.Pfandler, M.Schlenker, B.Becker, A.Catchpole, K., Associations of Intraoperative Flow Disruptions and Operating Room Teamwork During Robotic-assisted Radical Prostatectomy. Urology. 2018;114;105-113	3
5793	C. T. Palanivelu, K.Abu Hilal, M.Kooby, D. A.Wakabayashi, G.Agarwal, A.Berti, S.Besselink, M. G.Chen, K. H.Gumbs, A. A.Han, H. S.Honda, G.Khatkov, I.Kim, H. J.Li, J. T.Duy Long, T. C.Machado, M. A.Matsushita, A.Menon, K.Min-Hua, Z.Nakamura, M.Nagakawa, Y.Pekolj, J.Poves, I.Rahman, S.Rong, L.Sa Cunha, A.Senthilnathan, P.Shrikhande, S. V.Gurumurthy, S. S.Sup Yoon, D.Yoon, Y. S.Khatri, V. P., International Summit on Laparoscopic Pancreatic Resection (ISLPR) "Coimbatore Summit Statements". Surgical Oncology. 2018;27;A10-A15	2
5794	D. Z. Magge, M.Lutfi, W.Hamad, A.Zureikat, A. H.Zeh, H. J.Hogg, M. E., Robotic pancreatoduodenectomy at an experienced institution is not associated with an increased risk of post-pancreatic hemorrhage. HPB. 2018;20;448-455	3

5795	B. G. Smood, A.Wei, B.Cerfolio, R. J., Technical and operational modifications required for evolving robotic programs performing anatomic pulmonary resection. Journal of Robotic Surgery. 2018;12;529-534	3
5796	T. L. S. Beck, M. A.Goff, B. A.Urban, R. R., Robotic, Laparoscopic, or Open Hysterectomy: Surgical Outcomes by Approach in Endometrial Cancer. Journal of Minimally Invasive Gynecology. 2018;25;986-993	13
5797	D. A. Atasoy, E.Ozben, V.Bayraktar, O.Erenler Bayraktar, I.Aghayeva, A.Baca, B.Hamzaoglu, I.Karahasanoglu, T., Robotic Versus Laparoscopic Stapler Use for Rectal Transection in Robotic Surgery for Cancer. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;501-505	3
5798	J. C. P. Delto, D.Helbig, M. W.Badani, K. K.Eun, D.Porter, J.Abaza, R.Hemal, A. K.Bhandari, A., Robot-assisted partial nephrectomy for large renal masses: a multi-institutional series. BJU International. 2018;121;908-915	3
5799	T. L. Yang, Robotic surgery for submandibular gland resection through a trans-hairline approach: The first human series and comparison with applicable approaches. Head & Neck. 2018;40;793-800	3
5800	C. B. Overs, J. B.Mourey, L.Rischmann, P.Soulie, M.Roumiguie, M.Doumerc, N., Robot-assisted post-chemotherapy retroperitoneal lymph node dissection in germ cell tumor: is the single-docking with lateral approach relevant?. World Journal of Urology. 2018;36;655-661	3
5801	L. J. N. Kuo, J. C.Chen, C. C., Transanal total mesorectal excision: is it necessary in the era of robots?. International Journal of Colorectal Disease. 2018;33;341-343	3
5802	V. C. Giambruno, M. W.Fox, S.Swinamer, S. A.Rayman, R.Markova, Z.Barnfield, R.Cooper, M.Boyd, D. W.Menkis, A.Kiaii, B., Robotic-assisted coronary artery bypass surgery: an 18-year single-centre experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;e1891	3
5803	J. S. Nossiter, A.Charman, S. C.Cathcart, P. J.Aggarwal, A.Payne, H.Clarke, N. W.van der Meulen, J., Robot-assisted radical prostatectomy vs laparoscopic and open retropubic radical prostatectomy: functional outcomes 18 months after diagnosis from a national cohort study in England. British Journal of Cancer. 2018;118;489-494	12
5804	G. M. Ceccarelli, L.Codacci-Pisanelli, M.Andolfi, E.Biancafarina, A.Fabozzi, M.Caruso, S.Patriti, A., A New Robot-assisted Billroth-I Reconstruction: Details of the Technique and Early Results. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2018;28;e33-e39	3
5805	E. B. C. Kim, J. W.Lee, Y. M.Sung, T. Y.Yoon, J. H.Chung, K. W.Hong, S. J., Postsurgical Outcomes and Surgical Completeness of Robotic Thyroid Surgery: A Single Surgeon's Experience on 700 Cases. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;540-545	3
5806	N. K. Kajiwara, Y.Hagiwara, M.Kakihana, M.Ohira, T.Kawate, N.Ikeda, N., Cost-Benefit Performance Simulation of Robot-Assisted Thoracic Surgery As Required for Financial Viability under the 2016 Revised Reimbursement Paradigm of the Japanese National Health Insurance System. Annals of Thoracic & Cardiovascular Surgery. 2018;24;73-80	4
5807	X. L. Wei, J.Siddiqui, K. M.Li, F.Zhuang, Q.Yang, W.Hu, Z.Chen, Z.Song, X.Wang, S.Ye, Z., Does previous abdominal surgery adversely affect perioperative and oncologic outcomes of laparoscopic radical cystectomy?. World Journal of Surgical Oncology. 2018;16;10	2
5808	H. W. Wang, S.Li, J.Zuo, S., Robotic Scanning Device for Intraoperative Thyroid Gland Endomicroscopy. Annals of Biomedical Engineering. 2018;46;543-554	2
5809	S. H. K. Paek, K. H.Park, S. J., Expanding indications of robotic thyroidectomy. Surgical Endoscopy. 2018;32;3480-3485	3

5810	T. S.-O. Taweemonkongsap, C.Chotikawanich, E.Jitpraphai, S.Woranisarakul, V.Ramart, P.Phinthusophon, K.Amornvesukit, T.Leewansangtong, S.Srinualnad, S.Nualyong, C., The Impact of Arterial Clamping Technique in Robot-Assisted Partial Nephrectomy on Renal Function and Surgical Outcomes: Six-Year Experience at Siriraj Hospital, Thailand. Urologia Internationalis. 2018;100;301-308	3
5811	V. C. Gallotta, C.D'Indinosante, M.Federico, A.Biscione, A.Vizzielli, G.Bottoni, C.Carbone, M. V.Legge, F.Uccella, S.Ciocchetti, P.Russo, A.Polidori, L.Scambia, G.Ferrandina, G., Robotic Surgery in Elderly and Very Elderly Gynecologic Cancer Patients. Journal of Minimally Invasive Gynecology. 2018;25;872-877	3
5812	J. R. Makela-Kaikkonen, T.Kairaluoma, M.Carpelan-Holmstrom, M.Kossi, J.Rautio, A.Ohtonen, P.Makela, J., Does Ventral Rectopexy Improve Pelvic Floor Function in the Long Term?. Diseases of the Colon & Rectum. 2018;61;230-238	2
5813	A. G. B. da Costa, Y.Hudry, D.Faes, J.Bresson, L.Narducci, F.Leblanc, E., Extraperitoneal Para-Aortic Lymphadenectomy by Robot-Assisted Laparoscopy. Journal of Minimally Invasive Gynecology. 2018;25;861-866	3
5814	S. S. D. Petersen, S.Rubinfeld, I.Davydova, Y.Buekers, T.Sangha, R., Rate of Urologic Injury with Robotic Hysterectomy. Journal of Minimally Invasive Gynecology. 2018;25;867-871	13
5815	A. E. El Sherbiny, A.Ghaith, A.Morini, E.Marzotta, L.Sighinolfi, M. C.Micali, S.Bianchi, G.Rocco, B., Training in urological robotic surgery. Future perspectives. Archivos Espanoles de Urologia. 2018;71;97-107	3
5816	C. C. A. Smitson, L.Pourdjabbar, A.Reeves, R.Patel, M.Mahmud, E., Safety and Feasibility of a Novel, Second-Generation Robotic-Assisted System for Percutaneous Coronary Intervention: First-in-Human Report. Journal of Invasive Cardiology. 2018;30;152-156	3
5817	I. O. Johnson, F.Diep, L. M.Berg, R. E.Hoff, J. R.Wessel, N.Eri, L. M.Berge, V., Switching from laparoscopic radical prostatectomy to robot assisted laparoscopic prostatectomy: comparing oncological outcomes and complications. Scandinavian Journal of Urology. 2018;52;116-121	12
5818	M. E. C. Raucau, H.Agard, E.Lagenaite, C.Dot, C., Toric lens implantation in cataract surgery: Automated versus manual horizontal axis marking, analysis of 50 cases. Journal Francais d Opthalmologie. 2018;41;e1-e9	2
5819	V. D. Penza, X.Stoyanov, D.Forgione, A.Mattos, L. S.De Momi, E., Long Term Safety Area Tracking (LT-SAT) with online failure detection and recovery for robotic minimally invasive surgery. Medical Image Analysis. 2018;45;13-23	3
5820	E. J. V. A. Moore, K. M.Price, D. L.Lohse, C. M.Olsen, K. D.Jackson, R. S.Martin, E. J., Transoral robotic surgery for oropharyngeal carcinoma: Surgical margins and oncologic outcomes. Head & Neck. 2018;40;747-755	3
5821	K. Z. Chow, H.Corcoran, N. M.Costello, A. J.Peters, J. S.Dundee, P., Robotic-assisted radical cystectomy with intracorporeal urinary diversion versus open: early Australian experience. ANZ Journal of Surgery. 2018;88;1028-1032	13
5822	A. J. Singh, J.Goel, A.Shah, S.Bhardwaj, R.Baidya, S.Jain, J.Jain, C.Rawal, S., Comparing Outcomes of Robotic and Open Inguinal Lymph Node Dissection in Patients with Carcinoma of the Penis. Journal of Urology. 2018;199;1518-1525	12
5823	J. K. J. Jo, S. J.Oh, J. J.Lee, S. W.Lee, S.Hong, S. K.Byun, S. S.Lee, S. E., Effect of Starting Penile Rehabilitation with Sildenafil Immediately after Robot-Assisted Laparoscopic Radical Prostatectomy on Erectile Function Recovery: A Prospective Randomized Trial. Journal of Urology. 2018;199;1600-1606	3

5824	J. P. Gonzalez-Hernandez, P.Ogola, G.Burkart, R. D.Le, L. D., Surgical training in robotic surgery: surgical experience of robotic-assisted transabdominal preperitoneal inguinal herniorrhaphy with and without resident participation. Journal of Robotic Surgery. 2018;12;487-492	3
5825	G. O. L. Chong, Y. H.Lee, H. J.Hong, D. G.Lee, Y. S., Comparison of the Long-Term Oncological Outcomes Between the Initial Learning Period of Robotic and the Experienced Period of Laparoscopic Radical Hysterectomy for Early-Stage Cervical Cancer. International Journal of Gynecological Cancer. 2018;28;226-232	13
5826	G. O. Hirabayashi, Y.Tsukakoshi, S.Daimatsu, K.Inoue, M.Kurahashi, K.Maruyama, K.Andoh, T., Effect of pressure-controlled inverse ratio ventilation on dead space during robot-assisted laparoscopic radical prostatectomy: A randomised crossover study of three different ventilator modes. European Journal of Anaesthesiology. 2018;35;307-314	3
5827	A. B. Diodato, M.De Rossi, G.Abidi, H.Dall'Alba, D.Muradore, R.Ciuti, G.Fiorini, P.Menciassi, A.Cianchetti, M., Soft Robotic Manipulator for Improving Dexterity in Minimally Invasive Surgery. Surgical Innovation. 2018;25;69-76	3
5828	A. R. Sanchez, O.Jara, G.Sanchez, R.Vegas, L.Rosciano, J.Estrada, L., Robot-assisted surgery and incisional hernia: a comparative study of ergonomics in a training model. Journal of Robotic Surgery. 2018;12;523-527	1
5829	N. W. Ishikawa, G.Tarui, T., No-touch aorta robot-assisted atrial septal defect repair via two ports. Interactive Cardiovascular & Thoracic Surgery. 2018;26;721-724	3
5830	M. M. E. Fareed, A.Weiss, S. E.Hayes, S. B.Li, J.Ma, C. C., A treatment planning comparison between a novel rotating gamma system and robotic linear accelerator based intracranial stereotactic radiosurgery/radiotherapy. Physics in Medicine & Biology. 2018;63;35029	3
5831	H. S. Javadikasgari, R. M.Tappuni, B.Gillinov, A. M., Minimally invasive mitral valve repair. Heart. 2018;104;861-867	2
5832	T. v. H. de Rooij, J.Bosscha, K.Dijkgraaf, M. G.Gerhards, M. F.Groot Koerkamp, B.Hagendoorn, J.de Hingh, I. H.Karsten, T. M.Lips, D. J.Luyer, M. D.Molenaar, I. Q.van Santvoort, H. C.Tran, T. C. K.Busch, O. R.Festen, S.Besselink, M. G.Dutch Pancreatic Cancer, Group, Minimally invasive versus open pancreatoduodenectomy (LEOPARD-2): study protocol for a randomized controlled trial. Trials [Electronic Resource]. 2018;19;1	8
5833	E. K. Aynaci, M.Kersin, B.Findik, M. O., Comparison of radiofrequency and transoral robotic surgery in obstructive sleep apnea syndrome treatment. Acta Oto-Laryngologica. 2018;138;502-506	12
5834	P. C. Romanelli, A.Bianchi, L.Bergantin, A.Martinotti, A.Beltramo, G., Image-Guided Robotic Radiosurgery for Trigeminal Neuralgia. Neurosurgery. 2018;83;1023-1030	3
5835	G. K. Orthopoulos, O. Y., Feasibility of Robotic-Assisted Transabdominal Preperitoneal Ventral Hernia Repair. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;434-438	3
5836	M. S. Boylan, K.Vigdorchik, J.Slover, J.Bosco, J., Technology-Assisted Hip and Knee Arthroplasties: An Analysis of Utilization Trends. Journal of Arthroplasty. 2018;33;1019-1023	2
5837	H. L. Perrin, W.Garnier, G.Chazal, M., Robotic right colectomy with complete mesocolic excision (ECM) for adenocarcinoma (with video). Journal of visceral surgery. 2018;155;157-158	3
5838	S. K. A. Gonzales, C. D.Torres, C.Rodriguez, E. D.Mohling, S.Elkattah, R.DePasquale, S., Robotic-Assisted Laparoscopic Abdominal Cerclage Placement During Pregnancy. Journal of Minimally Invasive Gynecology. 2018;25;832-835	3

5839	H. C. Zhang, L.Wang, Z.Zheng, Y.Geng, Y.Wang, F.Liu, D.He, A.Ma, L.Yuan, Y.Wang, Y., The Learning Curve for Robotic McKeown Esophagectomy in Patients With Esophageal Cancer. Annals of Thoracic Surgery. 2018;105;1024-1030	5
5840	E. K. Long, F., Patient satisfaction with robotic surgery. Journal of Robotic Surgery. 2018;12;493-499	3
5841	P. B. Meignan, Q.Lejeune, J.Braik, K.Longis, B.Cook, A. R.Lardy, H.Fourcade, L.Binet, A., Robotic-assisted laparoscopic surgery for pediatric tumors: a bicenter experience. Journal of Robotic Surgery. 2018;12;501-508	3
5842	B. G. M. Kim, J. Y.Choi, J. Y.Park, I. S.Oh, A. Y.Jeon, Y. T.Hwang, J. W.Ryu, J. H., The Effect of Intraoperative Nefopam Administration on Acute Postoperative Pain and Chronic Discomfort After Robotic or Endoscopic Assisted Thyroidectomy: A Randomized Clinical Trial. World Journal of Surgery. 2018;42;2094-2101	3
5843	G. W. E. Yim, K. J.Chung, Y. S.Kim, S. W.Kim, S.Nam, E. J.Lee, J. Y.Kim, Y. T., Perioperative Outcomes of 3-Arm Versus 4-Arm Robotic Radical Hysterectomy in Patients with Cervical Cancer. Journal of Minimally Invasive Gynecology. 2018;25;823-831	3
5844	M. H. P. Vetter, M.Hade, E.Fowler, J.Salani, R., Time to consider integration of a formal robotic-assisted surgical training program into obstetrics/gynecology residency curricula. Journal of Robotic Surgery. 2018;12;517-521	5
5845	S. T. W. Chen, M. C.Hsu, T. C.Yen, D. W.Chang, C. N.Hsu, W. T.Wang, C. C.Lee, M.Liu, S. H.Lee, C. C.Health, EconomicsOutcome Research Group, National Taiwan University Hospital, Comparison of outcome and cost among open, laparoscopic, and robotic surgical treatments for rectal cancer: A propensity score matched analysis of nationwide inpatient sample data. Journal of Surgical Oncology. 2018;117;497-505	12
5846	A. M. Brassetti, A.Laurin, O.Hoijer, J.Adding, C.Miyakawa, A.Hosseini, A.Wiklund, P., Evolution of cystectomy care over an 11-year period in a high-volume tertiary referral centre. BJU International. 2018;121;752-757	2
5847	A. T.-A. Cuendis-Velazquez, M. E.Rodriguez-Parra, A.Bada-Yllan, O.Morales-Chavez, C.Fernandez-Alvarez, L.Cardenas-Lailson, E.Romero-Loera, S.Rojano-Rodriguez, M.Moreno-Portillo, M., Minimally invasive approach (robotic and laparoscopic) to biliary-enteric fistula secondary to cholecystectomy bile duct injury. Journal of Robotic Surgery. 2018;12;509-515	3
5848	I. C. Nassour, M. A.Porembka, M. R.Yopp, A. C.Wang, S. C.Polanco, P. M., Robotic-assisted versus laparoscopic pancreaticoduodenectomy: oncological outcomes. Surgical Endoscopy. 2018;32;2907-2913	12
5849	A. A. T. Laviana, H. J.Hu, J. C.Weizer, A. Z.Chang, S. S.Barocas, D. A., Retroperitoneal versus transperitoneal robotic-assisted laparoscopic partial nephrectomy: a matched-pair, bicenter analysis with cost comparison using time-driven activity-based costing. Current Opinion in Urology. 2018;28;108-114	4
5850	L. W. H. Chang, S. C.Hu, J. C.Chiu, K. Y., Retzius-sparing Robotic-assisted Radical Prostatectomy Associated with Less Bladder Neck Descent and Better Early Continence Outcome. Anticancer Research. 2018;38;345-351	3
5851	N. L. Hanna, J. J.Sun, M.Friedlander, D. F.Seisen, T.Abdollah, F.Lipsitz, S. R.Menon, M.Kibel, A. S.Bellmunt, J.Choueiri, T. K.Trinh, Q. D., Comparative effectiveness of robot-assisted vs. open radical cystectomy. Urologic Oncology. 2018;36;88.e1-88.e9	13
5852	K. G. Fujii, G.Salerno, A.Yang, G. Z., Gaze gesture based human robot interaction for laparoscopic surgery. Medical Image Analysis. 2018;44;196-214	4
5853	G. S. Sharma, A. T.Tu, C.Brethauer, S. A.Schauer, P. R.Aminian, A., Robotic platform for gastric bypass is associated with more resource utilization: an analysis of MBSAQIP dataset. Surgery for Obesity & Related Diseases. 2018;14;304-310	12

5854	A. A. M. Hussein, P. R.Jing, Z.Ahmed, Y. E.Wijburg, C. J.Canda, A. E.Dasgupta, P.Shamim Khan, M.Menon, M.Peabody, J. O.Hosseini, A.Kelly, J.Mottrie, A.Kaouk, J.Hemal, A.Wiklund, P.Guru, K. A.Collaborators,, Outcomes of Intracorporeal Urinary Diversion after Robot-Assisted Radical Cystectomy: Results from the International Robotic Cystectomy Consortium. Journal of Urology. 2018;199;1302-1311	3
5855	K. A. K. Mirkin, A. S.Hollenbeak, C. S.Messaris, E., Robotic versus laparoscopic colectomy for stage I-III colon cancer: oncologic and long-term survival outcomes. Surgical Endoscopy. 2018;32;2894-2901	12
5856	J. E. E. Thompson, S.Bohm, M.Siriwardana, A. R.Haynes, A. M.Matthews, J.Scheltema, M. J.Stricker, P. D., Superior Biochemical Recurrence and Long-term Quality-of-life Outcomes Are Achievable with Robotic Radical Prostatectomy After a Long Learning Curve-Updated Analysis of a Prospective Single-surgeon Cohort of 2206 Consecutive Cases. European Urology. 2018;73;664-671	5
5857	B. L. Geppert, C.Bollino, M.Persson, J., Sentinel lymph node biopsy in endometrial cancer-Feasibility, safety and lymphatic complications. Gynecologic Oncology. 2018;148;491-498	2
5858	A. G. M. Geeslin, G.Chahla, J.Kruckeberg, B. M.Muckenhirn, K. J.Dornan, G. J.Coggins, A.Brady, A. W.Getgood, A. M.Godin, J. A.LaPrade, R. F., Anterolateral Knee Extra-articular Stabilizers: A Robotic Study Comparing Anterolateral Ligament Reconstruction and Modified Lemaire Lateral Extra-articular Tenodesis. American Journal of Sports Medicine. 2018;46;607-616	1
5859	L. P. Sessa, C.Xu, S.Hubert, J.Bresler, L.Brunaud, L.Perez, M., Face and content validity of Xperience TM Team Trainer: bed-side assistant training simulator for robotic surgery. Updates in Surgery. 2018;70;113-119	3
5860	C. D. P. M. Van't Hullenaar, A. C.Ruurda, J. P.Broeders, Iamj, Validation of ergonomic instructions in robot-assisted surgery simulator training. Surgical Endoscopy. 2018;32;2533-2540	1
5861	R. B. Schiavina, L.Borghesi, M.Dababneh, H.Chessa, F.Pultrone, C. V.Angiolini, A.Gaudiano, C.Porreca, A.Fiorentino, M.De Groote, R.D'Hondt, F.De Naeyer, G.Mottrie, A.Brunocilla, E., MRI Displays the Prostatic Cancer Anatomy and Improves the Bundles Management Before Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2018;32;315-321	3
5862	D. R. R. Klinger, K. A.Ajayi, O. O.Delashaw, J. B., Jr., Microsurgical Clipping of an Anterior Communicating Artery Aneurysm Using a Novel Robotic Visualization Tool in Lieu of the Binocular Operating Microscope: Operative Video. Operative Neurosurgery. 2018;14;26-28	3
5863	S. H. Park, K.Lee, H. J.Park, I. K.Kim, Y. T.Kang, C. H., A study of the learning curve for robotic oesophagectomy for oesophageal cancer. European Journal of Cardio-Thoracic Surgery. 2018;53;862-870	5
5864	O. A. Bayraktar, E.Ozben, V.Atasoy, D.Bilgin, I. A.Erenler Bayraktar, I.Baca, B.Hamzaoglu, I.Karahasanoglu, T., Does Robot Overcome Obesity-related Limitations of Minimally Invasive Rectal Surgery for Cancer?. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2018;28;e8-e11	3
5865	D. M. Perez, N.Biebl, M.Reeh, M.Baukloh, J. K.Miro, J.Polonski, A.Izbicki, J. R.Knoll, B.Pratschke, J.Aigner, F., Robotic low anterior resection versus transanal total mesorectal excision in rectal cancer: A comparison of 115 cases. European Journal of Surgical Oncology. 2018;44;237-242	12
5866	C. M. Esposito, L.Steyaert, H.Escolino, M.Cerchione, R.La Manna, A.Cini, C.Lendvay, T. S., Robot-assisted extravesical ureteral reimplantation (revur) for unilateral vesico-ureteral reflux in children: results of a multicentric international survey. World Journal of Urology. 2018;36;481-488	3

5867	P. C. G.-H. Giulianotti, R.Esposito, S.Masrur, M.Gangemi, A.Bianco, F. M., Trans-gastric pancreaticogastrostomy reconstruction after pylorus-preserving robotic Whipple: a proposal for a standardized technique. Surgical Endoscopy. 2018;32;2169-2174	3
5868	O. S. Mahmoud, K.Civantos, F. J.Thomas, G. R.Samuels, M. A., Transoral robotic surgery for oropharyngeal squamous cell carcinoma in the era of human papillomavirus. Head & Neck. 2018;40;710-721	13
5869	V. F. Paleri, H.Coward, S.Ragbir, M.McQueen, A.Ahmed, O.Meikle, D.Saleh, D.O'Hara, J.Robinson, M., Transoral robotic surgery for residual and recurrent oropharyngeal cancers: Exploratory study of surgical innovation using the IDEAL framework for early-phase surgical studies. Head & Neck. 2018;40;512-525	3
5870	S. R. Garcia-Barreras, F.Nunes-Silva, I.Srougi, V.Sanchez-Salas, R.Barret, E.Galiano, M.Cathelineau, X., Predictive factors and the important role of detectable prostate-specific antigen for detection of clinical recurrence and cancer-specific mortality following robot-assisted radical prostatectomy. Clinical & Translational Oncology: Official Publication of the Federation of Spanish Oncology Societes & of the National Cancer Institute of Mexico. 2018;20;1004-1010	3
5871	R. F. Tolstrup, J. A.Lundbech, L.Thomassen, N.Iversen, L. H., Perioperative pain after robot-assisted versus laparoscopic rectal resection. International Journal of Colorectal Disease. 2018;33;285-289	12
5872	Y. J. K. Chai, H. Y.Kim, H. K.Jun, S. H.Dionigi, G.Anuwong, A.Richmon, J. D.Tufano, R. P., Comparative analysis of 2 robotic thyroidectomy procedures: Transoral versus bilateral axillo-breast approach. Head & Neck. 2018;40;886-892	3
5873	H. J. L. Lee, Y. H.Chong, G. O.Hong, D. G.Lee, Y. S., Comparison of robotic-assisted versus laparoscopy for transperitoneal infrarenal para-aortic lymphadenectomy in patients with endometrial cancer. Journal of Obstetrics & Gynaecology Research. 2018;44;547-555	12
5874	P. K. Rusch, R.Lecuru, F.Persson, J.Ponce, J.Degueldre, M.Verheijen, R., The Society of European Robotic Gynaecological Surgery (SERGS) Pilot Curriculum for robot assisted gynecological surgery. Archives of Gynecology & Obstetrics. 2018;297;415-420	1
5875	B. B. Ubrig, A.Heiland, M.Roosen, A., Outcome of Robotic Radical Prostatectomy in Men Over 74. Journal of Endourology. 2018;32;106-110	3
5876	L. P. Xia, J. E.Chelluri, R. R.Strother, M. C.Taylor, B. L.Raman, J. D.Guzzo, T. J., Hospital volume and outcomes of robot-assisted partial nephrectomy. BJU International. 2018;121;900-907	3
5877	A. N. B. D. Ahmad Fuad, K.Yao, W., A multi-modality tracking, navigation and calibration for a flexible robotic drill system for total hip arthroplasty. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	3
5878	M. D. Menon, D.Jamil, M.Diaz, M.Tallman, C.Abdollah, F.Sood, A.Lehtola, L.Miller, D.Jeong, W., Functional Recovery, Oncologic Outcomes and Postoperative Complications after Robot-Assisted Radical Prostatectomy: An Evidence-Based Analysis Comparing the Retzius Sparing and Standard Approaches. Journal of Urology. 2018;199;1210-1217	3
5879	B. L. Wang, H.Huang, Q.Liu, K.Fan, Y.Peng, C.Gu, L.Li, X.Guo, G.Liu, R.Hu, M.Zhao, G.Wang, H.Liu, F.Xiong, J.Zhang, X.Ma, X., Robot-assisted Retrohepatic Inferior Vena Cava Thrombectomy: First or Second Porta Hepatis as an Important Boundary Landmark. European Urology. 2018;74;512-520	3
5880	J. A. Harrison, L.Naghi, J.Behnamfar, O.Pourdjabbar, A.Patel, M. P.Reeves, R. R.Mahmud, E., Robotically-assisted percutaneous coronary intervention: Reasons for partial manual assistance or manual conversion. Cardiovascular Revascularization Medicine. 2018;19;526-531	3

5881	R. R. Kesavuori, P.Jokinen, J. J.Sahlman, A.Teittinen, K.Vento, A., Early experience with robotic mitral valve repair with intra-aortic occlusion. Journal of Thoracic & Cardiovascular Surgery. 2018;155;1463-1471	13
5882	P. Mattei, Single-site robotic-assisted laparoscopic cholecystectomy in children and adolescents: a report of 20 cases. Surgical Endoscopy. 2018;32;2402-2408	12
5883	J. C. Yeung, C. C.Mazloomdoost, D.Kleeman, S. D.Pauls, R. N., Liposomal Bupivacaine During Robotic Colpopexy and Posterior Repair: A Randomized Controlled Trial. Obstetrics & Gynecology. 2018;131;39-46	3
5884	J. W. Zhao, G.Jiang, Z.Jiang, C.Liu, J.Zhou, J.Li, J., Robotic Gastrotomy With Intracorporeal Suture for Patients With Gastric Gastrointestinal Stromal Tumors Located at Cardia and Subcardiac Region. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2018;28;e1-e7	3
5885	E. G. Sinagra, S.Iacopinelli, S. M.Messina, M.Raimondo, D.Rossi, F.Spada, M.Martorana, G.Spampinato, M. G., Minimally invasive surgical approach for radicalization of incidental post-cholecystectomy gallbladder carcinoma: safety, feasibility and outcomes. Minimally Invasive Therapy & Allied Technologies: Mitat. 2018;27;217-220	2
5886	D. G. H. Davila, M. C.Frelich, M. J.Gould, J. C.Goldblatt, M. I., Robotic skills can be aided by laparoscopic training. Surgical Endoscopy. 2018;32;2683-2688	1
5887	Y. D. L. Yu, M.Hong, S. K.Byun, S. S.Lee, S. E.Lee, S., Impact of Variations in Prostatic Apex Shape on Apical Margin Positive Rate After Radical Prostatectomy: Robot-Assisted Laparoscopic Radical Prostatectomy vs Open Radical Prostatectomy. Journal of Endourology. 2018;32;46-53	12
5888	A. D. A. Porreca, D.Dente, D.Dandrea, M.Salvaggio, A.Cappa, E.Zuccala, A.Del Rosso, A.Chessa, F.Romagnoli, D.Mengoni, F.Borghesi, M.Schiavina, R., Retroperitoneal approach for robot-assisted partial nephrectomy: technique and early outcomes. International Braz J Urol. 2018;44;63-68	3
5889	G. P. M. Padovani, M. F.Coelho, R. F.Borges, L. L.Nesrallah, A.Srougi, M.Nahas, W. C., Ureteroileal bypass: a new technic to treat ureteroenteric strictures in urinary diversion. International Braz J Urol. 2018;44;624-628	2
5890	M. D. C. Loi, V.Simontacchi, G.Detti, B.Bonomo, P.Masi, L.Desideri, I.Greto, D.Francolini, G.Carfora, V.Pezzulla, D.Perna, M.Carta, G. A.Livi, L., Robotic Stereotactic Retreatment for Biochemical Control in Previously Irradiated Patients Affected by Recurrent Prostate Cancer. Clinical Oncology (Royal College of Radiologists). 2018;30;93-100	3
5891	A. K. Neheman, E.Zisman, A.Darawsha, A. E.Noh, P. H., Comparison of Robotic Pyeloplasty and Standard Laparoscopic Pyeloplasty in Infants: A Bi-Institutional Study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;467-470	13
5892	C. M. J. Song, Y. I.Ji, Y. B.Park, J. S.Kim, D. S.Tae, K., Factors affecting operative time in robotic thyroidectomy. Head & Neck. 2018;40;893-903	3
5893	H. G. Abidi, G.Brancadoro, M.Fras, J.Diodato, A.Cianchetti, M.Wurdemann, H.Althoefer, K.Menciassi, A., Highly dexterous 2-module soft robot for intra-organ navigation in minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	1
5894	M. N. H. Patel, A. K., Does Advancing Technology Improve Outcomes? Comparison of the Da Vinci Standard/S/Si to the Xi Robotic Platforms During Robotic Nephroureterectomy. Journal of Endourology. 2018;32;133-138	3
5895	C. S. Wang, Z.Li, S.Tai, S., Extended nursing for the recovery of urinary functions and quality of life after robot-assisted laparoscopic radical prostatectomy: a randomized controlled trial. Supportive Care in Cancer. 2018;26;1553-1560	3

5896	P. V. Capogrosso, E.Cazzaniga, W.Stabile, A.Pederzoli, F.Boeri, L.Gandaglia, G.Deho, F.Briganti, A.Montorsi, F.Salonia, A., Long-term penile morphometric alterations in patients treated with robot-assisted versus open radical prostatectomy. Andrology. 2018;6;136-141	12
5897	A. M. Hay, J.Karassawa Zanoni, D.Boyle, J. O.Singh, B.Wong, R. J.Patel, S. G.Ganly, I., Haemorrhage following transoral robotic surgery. Clinical Otolaryngology. 2018;43;638-644	3
5898	K. M. C. Ubayasiri, W. S.Smith, P.Thorpe, R.Mansuri, M. S.Laugharne, D.Mortimore, S., The use of custom-made dental splints for robotic and rigid endoscopic surgery of the upper aerodigestive tract. Clinical Otolaryngology. 2018;43;992-994	3
5899	M. C. Pimentel, R. D.Costa, M. M.Neto, B. S.Cavazzola, L. T., Does Previous Laparoscopic Experience Influence Basic Robotic Surgical Skills?. Journal of Surgical Education. 2018;75;1075-1081	3
5900	E. C. Vizza, B.Cutillo, G.Mancini, E.Baiocco, E.Zampa, A.Bufalo, A.Corrado, G., Robotic single site radical hysterectomy plus pelvic lymphadenectomy in gynecological cancers. Journal of Gynecologic Oncology. 2018;29;e2	3
5901	A. M. R. Zimmerman, D. G.Charpentier, K. P., A comparison of outcomes between open, laparoscopic and robotic pancreaticoduodenectomy. HPB. 2018;20;364-369	12
5902	M. J. A. Persky, W. G.Rath, T. J.Kubik, M. W.Abberbock, S.Geltzeiler, M.Kim, S.Duvvuri, U.Ferris, R. L., Positive Margins by Oropharyngeal Subsite in Transoral Robotic Surgery for T1/T2 Squamous Cell Carcinoma. Otolaryngology - Head & Neck Surgery. 2018;158;660-666	3
5903	Y. D. Abu-Ghanem, Z.Ramon, J.Zilberman, D. E., Retzius space reconstruction following transperitoneal laparoscopic robot-assisted radical prostatectomy: does it have any added value?. Journal of Robotic Surgery. 2018;12;475-479	3
5904	S. H. Sharma, R.Hui, S.Smith, M. C.Chung, P. J.Schwartzman, A.Sugiyama, G., The utilization of fluorescent cholangiography during robotic cholecystectomy at an inner-city academic medical center. Journal of Robotic Surgery. 2018;12;481-485	12
5905	B. J. Ubrig, J.Paulics, L.Boy, A.Heiland, M.Roosen, A., Functional Outcome of Completely Intracorporeal Robotic Ileal Ureteric Replacement. Urology. 2018;114;193-197	3
5906	R. C. S. Marchand, N.Khlopas, A.Sultan, A. A.Higuera, C. A.Stearns, K. L.Mont, M. A., Coronal Correction for Severe Deformity Using Robotic-Assisted Total Knee Arthroplasty. The Journal of Knee Surgery. 2018;31;44597	3
5907	A. P. Brassetti, F.Cardi, A.De Vico, A.Iannello, A.Pansadoro, A.Scapellato, A.Riga, T.Emiliozzi, P.D'Elia, G., Removing the urinary catheter on post-operative day 2 after robot-assisted laparoscopic radical prostatectomy: a feasibility study from a single high-volume referral centre. Journal of Robotic Surgery. 2018;12;467-473	3
5908	A. V. Antonelli, A.Sandri, M.Furlan, M. C.Recenti, S.Sodano, M.Palumbo, C.Cozzoli, A.Simeone, C., External Validation of the Arterial-Based Complexity Score and First Head-to-Head Comparison With the R.E.N.A.L. and PADUA Scores and C-index. Clinical Genitourinary Cancer. 2018;16;e595-e604	3
5909	V. L. Tam, W.Novak, S.Hamad, A.Lee, K. K.Zureikat, A. H.Zeh, H. J., 3rdHogg, M. E., Resident attitudes and compliance towards robotic surgical training. American Journal of Surgery. 2018;215;282-287	1
5910	J. J. T. Yim, M.Klaassen, A.Sorger, J.Bogyo, M., Optimization of a Protease Activated Probe for Optical Surgical Navigation. Molecular Pharmaceutics. 2018;15;750-758	2

5911	J. T. V. Halka, A.DeMare, A. M.Janczyk, R. J.Iacco, A. A., Robotic and hybrid robotic transversus abdominis release may be performed with low length of stay and wound morbidity. American Journal of Surgery. 2018;215;462-465	3
5912	V. A. T. Rajadurai, J.Salfinger, S. G.Cohen, P. A., Outcomes in women undergoing robotic-assisted laparoscopic hysterectomy compared to conventional laparoscopic hysterectomy at a tertiary hospital in Western Australia. Australian & New Zealand Journal of Obstetrics & Gynaecology. 2018;58;443-448	13
5913	A. N. B. E. Ahmad Fuad, H.Deep, K.Yao, W., A Robotic Flexible Drill and Its Navigation System for Total Hip Arthroplasty. Annals of Biomedical Engineering. 2018;46;464-474	3
5914	N. K. Sodhi, A.Piuzzi, N. S.Sultan, A. A.Marchand, R. C.Malkani, A. L.Mont, M. A., The Learning Curve Associated with Robotic Total Knee Arthroplasty. The Journal of Knee Surgery. 2018;31;17-21	5
5915	A. C. Porreca, F.Romagnoli, D.Salvaggio, A.Cafarelli, A.Borghesi, M.Bianchi, L.Dandrea, M.D'Agostino, D.Dente, D.Cappa, E.Wiklund, P.Brunocilla, E.Schiavina, R., Robot assisted radical cystectomy with totally intracorporeal urinary diversion: initial, single-surgeon's experience after a modified modular training. Minerva Urologica e Nefrologica. 2018;70;193-201	3
5916	E. S. L. Sung, J. C.Kim, S. H.Shin, S. C.Jung, D. W.Lee, B. J., Development of an Attachable Endoscopic Nerve Stimulator for Intraoperative Neuromonitoring during Endoscopic or Robotic Thyroidectomy. Otolaryngology - Head & Neck Surgery. 2018;158;465-468	2
5917	J. S. Spellman, R.Kim, P.Martin, P.Calzada, G., Staging Neck Dissection and Transoral Robotic Surgery Treatment Algorithm in Palatine Tonsil Cancer. Otolaryngology - Head & Neck Surgery. 2018;158;479-483	3
5918	O. B. T. Argun, M. B.Doganca, T.Obek, C.Mourmouris, P.Tufek, I.Erdogan, S.Cetinel, B.Kural, A. R., Prevention of Urethral Retraction with Stay Sutures (PURS) During Robot-Assisted Radical Prostatectomy Improves Early Urinary Control: A Prospective Cohort Study. Journal of Endourology. 2018;32;125-132	3
5919	P. J. Rohatgi, R. J.Brandmeir, N. J.Gilliam, F. G.Fisher, T. L.Sather, M. D., Robotic-Guided Bihippocampal and Biparahippocampal Depth Placement for Responsive Neurostimulation in Bitemporal Lobe Epilepsy. World Neurosurgery. 2018;111;181-189	3
5920	M. C. M. Topf, E.Gleysteen, J.Curry, J. M.Cognetti, D. M.Luginbuhl, A. J., First bite syndrome following transcervical arterial ligation after transoral robotic surgery. Laryngoscope. 2018;128;1589-1593	3
5921	C. A. Lanchon, V.Fiard, G.Descotes, J. L.Rambeaud, J. J.Lefrancq, J. B.Poncet, D.Terrier, N.Overs, C.Franquet, Q.Long, J. A., Super-selective robot-assisted partial nephrectomy using near-infrared flurorescence versus early-unclamping of the renal artery: results of a prospective matched-pair analysis. International Braz J Urol. 2018;44;53-62	3
5922	A. V. Minervini, D.Vittori, G.Milanesi, M.Tuccio, A.Siena, G.Campi, R.Mari, A.Gavazzi, A.Carini, M., Florence robotic intracorporeal neobladder (FloRIN): a new reconfiguration strategy developed following the IDEAL guidelines. BJU International. 2018;121;313-317	3
5923	M. T. Hikage, M.Makuuchi, R.Irino, T.Tanizawa, Y.Bando, E.Kawamura, T.Terashima, M., Comparison of Surgical Outcomes Between Robotic and Laparoscopic Distal Gastrectomy for cT1 Gastric Cancer. World Journal of Surgery. 2018;42;1803-1810	12
5924	S. B. F. Ellebaek, C. W.Pless, T.Poornoroozy, P. H.Andersen, P. V.Mahdi, B.Mortensen, M. B., The value of contrast-enhanced laparoscopic ultrasound during robotic-assisted surgery for primary colorectal cancer. Journal of Clinical Ultrasound. 2018;46;178-182	3

5925	N. S. Tan, L.Khoshnoodi, P.Alcala, H. E.Yu, W.Hsu, W.Reiter, R. E.Lu, D. Y.Raman, S. S., Pathological and 3 Tesla Volumetric Magnetic Resonance Imaging Predictors of Biochemical Recurrence after Robotic Assisted Radical Prostatectomy: Correlation with Whole Mount Histopathology. Journal of Urology. 2018;199;1218-1223	3
5926	N. J. Scott-Wittenborn, R. S., Intraoperative imaging during minimally invasive transoral robotic surgery using near-infrared light. American Journal of Otolaryngology. 2018;39;220-222	3
5927	T. K. Kobayashi, K.Araki, M.Terada, N.Kobayashi, Y.Sawada, A.Inoue, T.Ebara, S.Watanabe, T.Kamba, T.Sumitomo, M.Nasu, Y.Ogawa, O., Impact of a robotic surgical system on treatment choice for men with clinically organ-confined prostate cancer. International Journal of Clinical Oncology. 2018;23;347-352	3
5928	F. B. Porpiglia, R.Checcucci, E.Amparore, D.Autorino, R.Dasgupta, P.Wiklund, P.Tewari, A.Liatsikos, E.Fiori, C.Esut Research Group, Development and validation of 3D printed virtual models for robot-assisted radical prostatectomy and partial nephrectomy: urologists' and patients' perception. World Journal of Urology. 2018;36;201-207	1
5929	D. T. Julian, A.Mattingly, P.Truong, M.Perez, M.Smith, R., A comparative analysis and guide to virtual reality robotic surgical simulators. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	2
5930	J. P. Lee, H. P.Jeong, M. H.Son, J. D.Kim, H. C., Efficacy of ketamine for postoperative pain following robotic thyroidectomy: A prospective randomised study. Journal of International Medical Research. 2018;46;1109-1120	3
5931	G. R. Mirmilstein, B. P.Gbolahan, O.Srirangam, V.Narula, A.Agarwal, S.Lane, T. M.Vasdev, N.Adshead, J., The neurovascular structure-adjacent frozen-section examination (NeuroSAFE) approach to nerve sparing in robot-assisted laparoscopic radical prostatectomy in a British setting - a prospective observational comparative study. BJU International. 2018;121;854-862	3
5932	W. S. T. Tan, M. Y.Lamb, B. W.Sridhar, A.Mohammed, A.Baker, H.Nathan, S.Briggs, T.Tan, M.Kelly, J. D., Intracorporeal robot-assisted radical cystectomy, together with an enhanced recovery programme, improves postoperative outcomes by aggregating marginal gains. BJU International. 2018;121;632-639	13
5933	H. J. C. Kim, G. S.Park, J. S.Park, S. Y.Lee, H. J.Woo, I. T.Park, I. K., Selective lateral pelvic lymph node dissection: a comparative study of the robotic versus laparoscopic approach. Surgical Endoscopy. 2018;32;2466-2473	12
5934	H. S. H. Kim, Y.Kang, J. S.Kim, H.Kim, J. R.Kwon, W.Kim, S. W.Jang, J. Y., Comparison of surgical outcomes between open and robot-assisted minimally invasive pancreaticoduodenectomy. Journal of Hepato-biliary-pancreatic Sciences. 2018;25;142-149	12
5935	A. T. Radford, A.Ashraf, J.Subramaniam, R., Robotic Pyeloplasty in Children: A "Barbed" Shortcut. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;486-489	3
5936	W. L. P. Bargar, C. A.Hankins, A.Marlen, N. A.Campanelli, V.Netravali, N. A., Fourteen Year Follow-Up of Randomized Clinical Trials of Active Robotic-Assisted Total Hip Arthroplasty. Journal of Arthroplasty. 2018;33;810-814	3
5937	D. G. Hu, Y.Seibel, E. J.Sekhar, L. N.Hannaford, B., Semi-autonomous image-guided brain tumour resection using an integrated robotic system: A bench-top study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	3

5938	J. W. T. K. Toh, S. H., Port positioning and docking for single-stage totally robotic dissection for rectal cancer surgery with the Si and Xi Da Vinci Surgical System. Journal of Robotic Surgery. 2018;12;545-548	3
5939	F. Z. Meng, F.Zeng, B.Ding, H.Wang, G., An automatic markerless registration method for neurosurgical robotics based on an optical camera. International Journal of Computer Assisted Radiology & Surgery. 2018;13;253-265	5
5940	K. A. G. Mirkin, E. K.Hollenbeak, C. S.Wong, J., Minimally invasive surgical approaches offer earlier time to adjuvant chemotherapy but not improved survival in resected pancreatic cancer. Surgical Endoscopy. 2018;32;2387-2396	12
5941	A. N. B. Martin, P. S.Friel, C. M.Hedrick, T. L., Impact of minimally invasive surgery on short-term outcomes after rectal resection for neoplasm within the setting of an enhanced recovery program. Surgical Endoscopy. 2018;32;2517-2524	4
5942	P. J. M. B. Wijsman, IamjBrenkman, H. J.Szold, A.Forgione, A.Schreuder, H. W. R.Consten, E. C. J.Draaisma, W. A.Verheijen, P. M.Ruurda, J. P.Kaufman, Y., First experience with THE AUTOLAP TM SYSTEM: an image-based robotic camera steering device. Surgical Endoscopy. 2018;32;2560-2566	3
5943	H. W. C. Yu, Y. J.Kim, S. J.Choi, J. Y.Lee, K. E., Robotic-assisted modified radical neck dissection using a bilateral axillo-breast approach (robotic BABA MRND) for papillary thyroid carcinoma with lateral lymph node metastasis. Surgical Endoscopy. 2018;32;2322-2327	3
5944	C. H. Huttenbrink, G.Simpfendorfer, T.Radtke, J. P.Becker, R.Teber, D.Hadaschik, B.Pahernik, S.Hohenfellner, M., Incidental appendectomy during robotic laparoscopic prostatectomy-safe and worth to perform?. Langenbecks Archives of Surgery. 2018;403;265-269	3
5945	K. M. B. Hatten, R. M.Weinstein, G. S.Newman, J. G.Bur, A. M.Chalian, A. A.O'Malley, B. W., Jr.Rassekh, C. H.Cannady, S. B., Defining the Role of Free Flaps for Transoral Robotic Surgery. Annals of Plastic Surgery. 2018;80;45-49	3
5946	T. K. Takagi, T.Yoshida, K.Kobayashi, H.Iizuka, J.Okumi, M.Ishida, H.Tanabe, K., Comparison of Kidney Function in the Early Postoperative Period in Transperitoneal Robot-Assisted Laparoscopic Partial Nephrectomy Between Anterior and Posterior Renal Tumors: A Propensity Score-Matched Study. Journal of Endourology. 2018;32;111-115	3
5947	I. S. L. Lo, H. Y.Chou, Y. H.Huang, C. N.Wu, W. J.Yeh, H. C.Yang, K. F.Lee, C. H.Li, C. C., Robot-Assisted Extraperitoneal Radical Prostatectomy, Single Site Plus Two Model. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;140-144	3
5948	A. E. McCullough, L.Ellen, J.Mechlin, C., A retrospective review of single-institution outcomes with robotic-assisted microsurgical varicocelectomy. Asian Journal of Andrology. 2018;20;189-194	3
5949	Y. M. K. Park, K. C.Kim, H. R.Cho, B. C.Kim, D. H.Cho, N. H.Kim, S. H., A Clinical Trial of Combination Neoadjuvant Chemotherapy and Transoral Robotic Surgery in Patients with T3 and T4 Laryngo-Hypopharyngeal Cancer. Annals of Surgical Oncology. 2018;25;864-871	3
5950	P. A. A. Elliott, G. A.Kilday, P. S.Kim, B. J.Slezak, J. M.Chien, G. W., Healthcare utilization in men with poorer sexual and urinary function recovery following robot-assisted radical prostatectomy. World Journal of Urology. 2018;36;21-26	3
5951	N. T. Calixte, B.Kartal, I.Gudeloglu, A.Hirsch, M.Etafy, M.Mendelson, R.Djokic, B.Sherba, S.Shah, K.Brahmbhatt, J.Parekattil, S., Targeted Robotic Assisted Microsurgical Denervation of the Spermatic Cord for the Treatment of Chronic Orchialgia or Groin Pain: A Single Center, Large Series Review. Journal of Urology. 2018;199;1015-1022	3

5952	C. L. P. Demasi, F.Tempia, A.D'Amelio, S., Ocular blood flow in steep Trendelenburg positioning during robotic-assisted radical prostatectomy. European Journal of Ophthalmology. 2018;28;333-338	3
5953	J. X. Li, H.Cui, J.Zhang, K.Gao, Y.Liang, W.Cai, A.Wei, B.Chen, L., Minimally invasive surgery as a treatment option for gastric cancer with liver metastasis: a comparison with open surgery. Surgical Endoscopy. 2018;32;1422-1433	4
5954	M. S. Borghesi, R.Chessa, F.Bianchi, L.La Manna, G.Porreca, A.Brunocilla, E., Retroperitoneal Robot-Assisted Versus Open Partial Nephrectomy for cT1 Renal Tumors: A Matched-Pair Comparison of Perioperative and Early Oncological Outcomes. Clinical Genitourinary Cancer. 2018;16;e391-e396	13
5955	D. B. W. Hennessey, G.Moon, D.Kinnear, N.Bolton, D. M.Lawrentschuk, N.Chan, Y. K., Strategies for success: a multi-institutional study on robot-assisted partial nephrectomy for complex renal lesions. BJU International. 2018;121 Suppl 3;40-47	3
5956	S. R. D. Kelley, E.Larson, D. W., Robotic right colectomy with intracorporeal anastomosis for malignancy. Journal of Robotic Surgery. 2018;12;461-466	3
5957	H. K. H. Byeon, F. C.Duvvuri, U.Kim, D. H.Park, J. H.Chang, E.Kim, S. H.Koh, Y. W., Recent progress of retroauricular robotic thyroidectomy with the new surgical robotic system. Laryngoscope. 2018;128;1730-1737	3
5958	P. R. P. Armijo, S.Boilesen, E.Tanner, T.Oleynikov, D., Growth in robotic-assisted procedures is from conversion of laparoscopic procedures and not from open surgeons' conversion: a study of trends and costs. Surgical Endoscopy. 2018;32;2106-2113	4
5959	E. J. M. Charles, J. H.Tache-Leon, C. A.Hallowell, P. T.Sawyer, R. G.Yang, Z., Inguinal hernia repair: is there a benefit to using the robot?. Surgical Endoscopy. 2018;32;2131-2136	12
5960	A. T. D. Lenis, N. M.Faiena, I.Salmasi, A.Johnson, D. C.Drakaki, A.Gollapudi, K.Blumberg, J.Belldegrun, A.Pantuck, A.Chamie, K., Role of surgical approach on lymph node dissection yield and survival in patients with upper tract urothelial carcinoma. Urologic Oncology. 2018;36;9.e1-9.e9	13
5961	S. J. D. Ackerman, S.Baik, R.Liu, E.Mehendale, S.Tackett, S.Hellan, M., Comparison of complication and conversion rates between robotic-assisted and laparoscopic rectal resection for rectal cancer: which patients and providers could benefit most from robotic-assisted surgery?. Journal of Medical Economics. 2018;21;254-261	12
5962	S. F. Mansouri, F.Vossoughi, G.Ghavidel, A. A.Rezayat, M., Feasibility of infrared tracking of beating heart motion for robotic assisted beating heart surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	3
5963	J. W. Hoogenes, N.Al-Harbi, B.Kim, K. S.Vij, S.Bolognone, E.Quantz, M.Guo, Y.Shayegan, B.Matsumoto, E. D., A Randomized Comparison of 2 Robotic Virtual Reality Simulators and Evaluation of Trainees' Skills Transfer to a Simulated Robotic Urethrovesical Anastomosis Task. Urology. 2018;111;110-115	1
5964	D. E. P. Disbrow, S. M.Shanker, B. A.Albright, J.Wu, J.Bastawrous, A.Soliman, M.Ferraro, J.Cleary, R. K., The Effect of Formal Robotic Residency Training on the Adoption of Minimally Invasive Surgery by Young Colorectal Surgeons. Journal of Surgical Education. 2018;75;767-778	1
5965	M. A. Zanaty, M.Ajib, K.Lawson, K.Azizi, M.Rajih, E.Alenizi, A.Hueber, P. A.Tolmier, C.Meskawi, M.Saad, F.Pompe, R. S.Karakiewicz, P. I.El-Hakim, A.Zorn, K. C., Does surgical delay for radical prostatectomy affect biochemical recurrence? A retrospective analysis from a Canadian cohort. World Journal of Urology. 2018;36;44567	2

5966	M. E. B. Hagen, A.Podetta, M.Rohner, P.Jung, M. K.Buchs, N. C.Buehler, L.Mendoza, J. M.Morel, P., Robotic single-site versus multiport laparoscopic cholecystectomy: a case-matched analysis of short- and long-term costs. Surgical Endoscopy. 2018;32;1550-1555	4
5967	P. P. Armijo, A.Wang, Y.Shostrom, V.Oleynikov, D., Robotic ventral hernia repair is not superior to laparoscopic: a national database review. Surgical Endoscopy. 2018;32;1834-1839	12
5968	M. T. C. Dawidek, E.Boyle, S. L.Sener, A.Luke, P. P., Assessing Time of Full Renal Recovery Following Minimally Invasive Partial Nephrectomy. Urology. 2018;112;98-102	2
5969	A. S. Abdel Raheem, G. D.Kim, L. H. C.Chang, K. D.Lum, T. G. H.Yoon, Y. E.Han, W. K.Choi, Y. D.Rha, K. H., Off-Clamp Robot-Assisted Partial Nephrectomy: How Far Shall We Proceed?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2018;28;579-585	3
5970	B. B. Kahramangil, E., Comparison of posterior retroperitoneal and transabdominal lateral approaches in robotic adrenalectomy: an analysis of 200 cases. Surgical Endoscopy. 2018;32;1984-1989	3
5971	G. C. Corrado, G.Cutillo, G.Insinga, S.Mancini, E.Baiocco, E.Zampa, A.Bufalo, A.Perino, A.Vizza, E., The Patient and Observer Scar Assessment Scale to Evaluate the Cosmetic Outcomes of the Robotic Single-Site Hysterectomy in Endometrial Cancer. International Journal of Gynecological Cancer. 2018;28;194-199	3
5972	D. H. v. H. Ilson, R., Management of Patients With Adenocarcinoma or Squamous Cancer of the Esophagus. Gastroenterology. 2018;154;437-451	2
5973	A. N. Sujenthiran, J.Parry, M.Charman, S. C.Aggarwal, A.Payne, H.Dasgupta, P.Clarke, N. W.van der Meulen, J.Cathcart, P., National cohort study comparing severe medium-term urinary complications after robot-assisted vs laparoscopic vs retropubic open radical prostatectomy. BJU International. 2018;121;445-452	12
5974	T. Y. T. Z. Ngan, A.Czuzoj-Shulman, N.Tulandi, T.Abenhaim, H. A., Laparoscopic and Robotic-Assisted Hysterectomy for Uterine Leiomyomas: A Comparison of Complications and Costs. Journal of Obstetrics & Gynaecology Canada: JOGC. 2018;40;432-439	13
5975	R. J. G. Cerfolio, A. F.Dylewski, M.Veronesi, G.Spaggiari, L.Park, B. J., The long-term survival of robotic lobectomy for non-small cell lung cancer: A multi-institutional study. Journal of Thoracic & Cardiovascular Surgery. 2018;155;778-786	3
5976	C. P. Gu, X.Chen, Y.Yang, J.Zhao, H.Shi, J., Short-term and mid-term survival in bronchial sleeve resection by robotic system versus thoracotomy for centrally located lung cancer. European Journal of Cardio-Thoracic Surgery. 2018;53;648-655	13
5977	J. W. Jayakumaran, K.Buffington, C.Caceres, A., Robotic laparoendoscopic single-site benign gynecologic surgery: a single-center experience. Journal of Robotic Surgery. 2018;12;447-454	3
5978	H. C. Lee, B.Hwang, M.Kang, D.Kwon, D. S., A master manipulator with a remote-center-of-motion kinematic structure for a minimally invasive robotic surgical system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	5
5979	N. A. H.-W. Calcatera, C.Suss, N. R.Winchester, D. J.Moo-Young, T. A.Prinz, R. A., Minimally Invasive Adrenalectomy for Adrenocortical Carcinoma: Five-Year Trends and Predictors of Conversion. World Journal of Surgery. 2018;42;473-481	2
5980	P. A. P. Laudato, K.Schizas, C., Pedicle Screw Insertion Accuracy Using O-Arm, Robotic Guidance, or Freehand Technique: A Comparative Study. Spine. 2018;43;E373-E378	3

5981	J. A. S. Spanias, A. M.Finucane, S. B.Perreault, E. J.Hargrove, L. J., Online adaptive neural control of a robotic lower limb prosthesis. Journal of Neural Engineering. 2018;15;16015	3
5982	A. K. O. Badhey, A.Kadakia, S.Russo, J.Ting, P.Khalid, M.Yao, M.Teng, M. S.Genden, E. M.Miles, B. A.Chai, R. L., Application of the Eighth Edition American Joint Committee on Cancer Staging System for HPV-Related Oropharyngeal Cancer Treated With Transoral Robotic Surgery. Laryngoscope. 2018;128;1133-1139	3
5983	S. S. D. Bansal, T.Smith, P. W.Amran, M.Auluck, I.Bhambra, M.Sura, M. S.Rowe, E.Koupparis, A., Cost analysis of open radical cystectomy versus robot-assisted radical cystectomy. BJU International. 2018;121;437-444	4
5984	B. K. L. Goh, S. Y.Chan, C. Y.Wong, J. S.Cheow, P. C.Chung, A. Y.Ooi, L. L., Early experience with robot-assisted laparoscopic hepatobiliary and pancreatic surgery in Singapore: single-institution experience with 20 consecutive patients. Singapore Medical Journal. 2018;59;133-138	3
5985	K. K. Jong, T.Zimmern, P. E., Long-term outcomes of robotic mesh sacrocolpopexy. Journal of Robotic Surgery. 2018;12;455-460	3
5986	T. Y. Hashimoto, K.Gondo, T.Hasama, K.Hirasawa, Y.Nakashima, J.Tachibana, M.Ohno, Y., The Impact of Lateral Bladder Neck Preservation on Urinary Continence Recovery After Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2018;32;40-45	3
5987	S. H. Biswas Roy, C.Ipsen, T.Kang, P.Hill, D.Do, A.Kuo, E., Transabdominal robot-assisted diaphragmatic plication: a 3.5-year experience. European Journal of Cardio-Thoracic Surgery. 2018;53;247-253	3
5988	P. R. Harrison, N.Abe, T.Watkinson, W.Dar, F.Challacombe, B.Van Der Poel, H.Khan, M. S.Dasgupa, P.Ahmed, K., The Validation of a Novel Robot-Assisted Radical Prostatectomy Virtual Reality Module. Journal of Surgical Education. 2018;75;758-766	1
5989	P. A. M. Della Camera, S.Cito, G.Tasso, G.Laruccia, N.Cocci, A.Ruffo, A.Gacci, M.Serni, S.Carini, M.Natali, A., Topical alprostadil (Vitaros©) in the treatment of erectile dysfunction after non-nerve-sparing robot-assisted radical prostatectomy. Urologia (Treviso). 2018;85;55-59	3
5990	A. A. K. Watkins, T. S.Gooding, W. E.Boggi, U.Chalikonda, S.Kendrick, M. L.Walsh, R. M.Zeh, H. J., 3rdMoser, A. J., Multicenter outcomes of robotic reconstruction during the early learning curve for minimally-invasive pancreaticoduodenectomy. HPB. 2018;20;155-165	5
5991	M. A. Altok, M. F.Matin, S. F.Pettaway, C. A.Chapin, B. F.Davis, J. W., A decade of robot-assisted radical prostatectomy training: Time-based metrics and qualitative grading for fellows and residents. Urologic Oncology. 2018;36;13.e19-13.e25	1
5992	S. G. Yang, W.Chen, X.Wu, H.Li, H., Early outcomes of robotic versus uniportal video-assisted thoracic surgery for lung cancer: a propensity score-matched study. European Journal of Cardio-Thoracic Surgery. 2018;53;348-352	13
5993	E. M. H. Suero, T.Westphal, R.Hawi, N.Liodakis, E.Citak, M.Krettek, C.Stuebig, T., Improving the human-robot interface for telemanipulated robotic long bone fracture reduction: Joystick device vs. haptic manipulator. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	3
5994	M. T. Garcia-Roig, C.McCracken, C. E.Kirsch, A. J., National Trends in the Management of Primary Vesicoureteral Reflux in Children. Journal of Urology. 2018;199;287-293	2
5995	P. D. Blanchard, J. W.Frank, S. J.Kim, J.Pettaway, C. A.Pugh, T. J.Pisters, L. L.Ward, J. F.Choi, S.Chapin, B. F.Hoffman, K.Navai, N.Achim, M.McGuire, S. E.Matin, S. F.Nguyen, Q.Mahmood, U.Graber, W. J.Chen, H. C.Wang, X.Kuban, D. A., Quality of life after brachytherapy or bilateral nerve-sparing robot-assisted radical prostatectomy for prostate cancer: a prospective cohort. BJU International. 2018;121;540-548	3

5996	J. W. L. Ko, J. W.Kwon, S. W.Choi, S. H., Advantages of the glove port docking technique in robotic single-site cholecystectomy: comparison with the conventional silicone port. Journal of Robotic Surgery. 2018;12;437-445	3
5997	N. J. L. Sathianathen, A. D.Lawrentschuk, N. L.Goad, J. R.Peters, J.Costello, A. J.Murphy, D. G.Moon, D. A., Changing face of robot-assisted radical prostatectomy in Melbourne over 12 years. ANZ Journal of Surgery. 2018;88;E200-E203	3
5998	J. L. F. Tan, M.Grummet, J.Hanegbi, U.Snow, R.Mann, S.Begashaw, K.Moon, D., Comparison of perioperative, renal and oncologic outcomes in robotic-assisted versus open partial nephrectomy. ANZ Journal of Surgery. 2018;88;E194-E199	13
5999	P. E. Gupta, M.Bartley, J.Gilleran, J.Killinger, K. A.Boura, J. A.Nagaraju, P.Fischer, M., Perioperative Outcomes, Complications, and Efficacy of Robotic-Assisted Prolapse Repair: A Single Institution Study of 196 Patients. Female Pelvic Medicine & Reconstructive Surgery. 2018;24;408-411	3
6000	V. S. Tugcu, N. C.Sahin, S.Yavuzsan, A. H.Akbay, F. G.Apaydin, S., Robot-assisted kidney transplantation: comparison of the first 40 cases of open vs robot-assisted transplantations by a single surgeon. BJU International. 2018;121;275-280	13
6001	M. S. Frelinghuysen, W.Hol, L.Verhoef, C.Hoogeman, M.Nuyttens, J. J., Acute toxicity of the bowel after stereotactic robotic radiotherapy for abdominopelvic oligometastases. Acta Oncologica. 2018;57;480-484	3
6002	R. K. M. Cleary, A. J.Ferraro, J.Regenbogen, S. E., The cost of conversion in robotic and laparoscopic colorectal surgery. Surgical Endoscopy. 2018;32;1515-1524	4
6003	S. H. Panteleimonitis, M.Hall, S.Figueiredo, N.Qureshi, T.Parvaiz, A., Precision in robotic rectal surgery using the da Vinci Xi system and integrated table motion, a technical note. Journal of Robotic Surgery. 2018;12;433-436	3
6004	A. T. Breda, A.Gausa, L.Tugcu, V.Alcaraz, A.Musquera, M.Decaestecker, K.Desender, L.Stockle, M.Janssen, M.Fornara, P.Mohammed, N.Siena, G.Serni, S.Guirado, L.Facundo, C.Doumerc, N., Robot-assisted Kidney Transplantation: The European Experience. European Urology. 2018;73;273-281	3
6005	F. Z. Despinoy, N.Forestier, G.Sanchez, A.Jannin, P.Poignet, P., Evaluation of contactless human-machine interface for robotic surgical training. International Journal of Computer Assisted Radiology & Surgery. 2018;13;13-24	1
6006	A. P. Chenam, J. S.Ruel, N.Pal, S.Avila, Y.Yamzon, J.Lau, C.Yuh, B., Lymph node-positive prostate cancer after robotic prostatectomy and extended pelvic lymphadenectomy. Journal of Robotic Surgery. 2018;12;425-431	3
6007	M. P. Alessandrini, I.Micarelli, A.Caporale, C., Transoral robotic surgery for the base of tongue squamous cell carcinoma: a preliminary comparison between da Vinci Xi and Si. Journal of Robotic Surgery. 2018;12;417-423	3
6008	J. N. H. Harr, I. N.Amdur, R. L.Agarwal, S.Obias, V., The effect of obesity on laparoscopic and robotic-assisted colorectal surgery outcomes: an ACS-NSQIP database analysis. Journal of Robotic Surgery. 2018;12;317-323	12
6009	A. M. M. Gillinov, T.Javadikasgari, H.Suri, R. M.Mick, S. L.Navia, J. L.Desai, M. Y.Bonatti, J.Khosravi, M.Idrees, J. J.Lowry, A. M.Blackstone, E. H.Svensson, L. G., Early results of robotically assisted mitral valve surgery: Analysis of the first 1000 cases. Journal of Thoracic & Cardiovascular Surgery. 2018;155;82-91.e2	3
6010	A. A. A. Hussein, Y. E.May, P.Ali, T.Ahmad, B.Raheem, S.Stone, K.Hasasnah, A.Rana, O.Cole, A.Wang, D.Loud, P.Guru, K. A., Natural History and Predictors of Parastomal Hernia after Robot-Assisted Radical Cystectomy and Ileal Conduit Urinary Diversion. Journal of Urology. 2018;199;766-773	3

6011	E. M. W. Suero, R.Citak, M.Stueber, V.Lueke, U.Krettek, C.Stuebig, T., Repeatability and reproducibility of a telemanipulated fracture reduction system. Journal of Robotic Surgery. 2018;12;409-416	2
6012	C. M. D. Carter-Brooks, A. L.Bonidie, M. J.Shepherd, J. P., The impact of fellowship surgical training on operative time and patient morbidity during robotics-assisted sacrocolpopexy. International Urogynecology Journal. 2018;29;1317-1323	1
6013	G. F. Materazzi, L.Papini, P.Bakkar, S.Vasquez, M. C.Miccoli, P., Robot-Assisted Transaxillary Thyroidectomy (RATT): A Series Appraisal of More than 250 Cases from Europe. World Journal of Surgery. 2018;42;1018-1023	3
6014	Y. C. B. Wang, M. Y.Hsu, W. Y.Yu, M. H., Evaluation of a series of silk fibroin protein-based nonwoven mats for use as an anti-adhesion patch for wound management in robotic surgery. Journal of Biomedical Materials Research. Part A. 2018;106;221-230	3
6015	P. P. Sooriakumaran, G.Nyberg, T.Derogar, M.Carlsson, S.Stranne, J.Bjartell, A.Hugosson, J.Steineck, G.Wiklund, P. N., Erectile Function and Oncologic Outcomes Following Open Retropubic and Robot-assisted Radical Prostatectomy: Results from the LAParoscopic Prostatectomy Robot Open Trial. European Urology. 2018;73;618-627	12
6016	S. B. W. Jazayeri, B.Samadi, D. B., Outcomes following robotic-assisted laparoscopic prostatectomy: Pentafecta and Trifecta achievements. Minerva Urologica e Nefrologica. 2018;70;66-73	3
6017	S. B. Stera, P.Chan, M. K. H.Huttenlocher, S.Wurster, S.Keller, C.Imhoff, D.Rades, D.Dunst, J.Rodel, C.Hildebrandt, G.Blanck, O., Breathing-motion-compensated robotic guided stereotactic body radiation therapy : Patterns of failure analysis. Strahlentherapie und Onkologie. 2018;194;143-155	3
6018	A. Y. Chenam, B.Zhumkhawala, A.Ruel, N.Chu, W.Lau, C.Chan, K.Wilson, T.Yamzon, J., Prospective randomised non-inferiority trial of pelvic drain placement vs no pelvic drain placement after robot-assisted radical prostatectomy. BJU International. 2018;121;357-364	3
6019	L. C. Boeri, P.Ventimiglia, E.Cazzaniga, W.Pederzoli, F.Gandaglia, G.Finocchio, N.Deho, F.Briganti, A.Montanari, E.Montorsi, F.Salonia, A., Depressive Symptoms and Low Sexual Desire after Radical Prostatectomy: Early and Long-Term Outcomes in a Real-Life Setting. Journal of Urology. 2018;199;474-480	12
6020	B. G. P. Anderson, A. M.Du, K.Vetter, J.Figenshau, R. S., Off-clamp robot-assisted partial nephrectomy does not benefit short-term renal function: a matched cohort analysis. Journal of Robotic Surgery. 2018;12;401-407	3
6021	A. B. Yang, N.Chin, E.Herron, D.Arvelakis, A.LaPointe Rudow, D.Florman, S. S.Palese, M. A., Robotic-assisted vs. laparoscopic donor nephrectomy: a retrospective comparison of perioperative course and postoperative outcome after 1 year. Journal of Robotic Surgery. 2018;12;343-350	1
6022	C. N. G. Criss, S. K., Sponsoring surgeons: An investigation on the influence of the da Vinci robot. American Journal of Surgery. 2018;216;84-87	1
6023	V. R. M. A. Kusuma, A.Moschanos, D.Patil, K.Perry, M., Robotic assisted radical prostatectomy for localised prostate cancer in thalidomide generation. Journal of Robotic Surgery. 2018;12;373-376	3
6024	Y. Y. M. Juo, A.Abiri, A.Lin, A.Dutson, E., Diffusion of robotic-assisted laparoscopic technology across specialties: a national study from 2008 to 2013. Surgical Endoscopy. 2018;32;1405-1413	4
6025	Q. C. Ballouhey, P.Cros, J.Grosos, C.Rosa-Arsene, C.Bahans, C.Caire, F.Longis, B.Compagnon, R.Fourcade, L., Comparison of 8 and 5 mm robotic instruments in small cavities : 5 or 8 mm robotic instruments for small cavities?. Surgical Endoscopy. 2018;32;1027-1034	3

6026	E. M. S. DiLizia, F., Surgical and pathological outcomes of robotic-assisted radical cystectomy for bladder cancer in the community setting. Journal of Robotic Surgery. 2018;12;337-341	3
6027	W. S. K. Jang, M. S.Jeong, W. S.Chang, K. D.Cho, K. S.Ham, W. S.Rha, K. H.Hong, S. J.Choi, Y. D., Does robot-assisted radical prostatectomy benefit patients with prostate cancer and bone oligometastases?. BJU International. 2018;121;225-231	3
6028	C. H. Y. Frenkel, J.Zhang, M.Ferrara, A.Telem, D. A.Samara, G. J., Gastrostomy in the era of minimally invasive head and neck cancer surgery. Laryngoscope. 2018;128;847-851	2
6029	T. P.-D. Rogers, E.Malcher, F.Hartmann, C.Mastella, B.de Araujo, G.Ogaya-Pinies, G.Ortiz-Ortiz, C.Hernandez-Cardona, E.Patel, V.Cavazzola, L. T., Robotic radical prostatectomy with concomitant repair of inguinal hernia: is it safe?. Journal of Robotic Surgery. 2018;12;325-330	3
6030	S. S.-S. Garcia-Barreras, R.Sivaraman, A.Barret, E.Secin, F.Nunes-Silva, I.Linares-Espinos, E.Rozet, F.Galiano, M.Cathelineau, X., Comparative Analysis of Partial Gland Ablation and Radical Prostatectomy to Treat Low and Intermediate Risk Prostate Cancer: Oncologic and Functional Outcomes. Journal of Urology. 2018;199;140-146	3
6031	N. S. P. Clarke, J.Boyd, T.Salizzoni, S.Zehr, K. J.Nieponice, A.Bajona, P., Robotic-assisted microvascular surgery: skill acquisition in a rat model. Journal of Robotic Surgery. 2018;12;331-336	1
6032	A. A. Almamar, N. A.Davies, W. T.Schlachta, C. M., Cost analysis of robot-assisted choledochotomy and common bile duct exploration as an option for complex choledocholithiasis. Surgical Endoscopy. 2018;32;1223-1227	12
6033	N. K. Napoli, E. F.Menonna, F.Costa, F.Iacopi, S.Amorese, G.Giorgi, S.Baggiani, A.Boggi, U., Robotic versus open pancreatoduodenectomy: a propensity score-matched analysis based on factors predictive of postoperative pancreatic fistula. Surgical Endoscopy. 2018;32;1234-1247	12
6034	N. P. L. Sgouros, C.Koufi, V.Troupis, T. G.Georgiou, E., An automated skills assessment framework for laparoscopic training tasks. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	2
6035	G. V. Leyvi, K.Sehgal, S.Warrick, A.Moncada, K. A.Shilian, N.Leff, J. D.Michler, R. E.DeRose, J. J., Jr., A Comparison of Inflammatory Responses Between Robotically Enhanced Coronary Artery Bypass Grafting and Conventional Coronary Artery Bypass Grafting: Implications for Hybrid Revascularization. Journal of Cardiothoracic & Vascular Anesthesia. 2018;32;251-258	13
6036	Y. K. H. Chao, M. J.Liu, Y. H.Liu, H. P., Lymph Node Evaluation in Robot-Assisted Versus Video-Assisted Thoracoscopic Esophagectomy for Esophageal Squamous Cell Carcinoma: A Propensity-Matched Analysis. World Journal of Surgery. 2018;42;590-598	13
6037	E. M. W. Suero, R.Citak, M.Hawi, N.Liodakis, E.Krettek, C.Stuebig, T., Robotic technique improves entry point alignment for intramedullary nailing of femur fractures compared to the conventional technique: a cadaveric study. Journal of Robotic Surgery. 2018;12;311-315	1
6038	A. Y. B. C. Teoh, S. M.Yip, H. C.Wong, V. W. Y.Chiu, P. W. Y.Ng, E. K. W., Randomized controlled trial of EndoWrist-enabled robotic versus human laparoendoscopic single-site access surgery (LESS) in the porcine model. Surgical Endoscopy. 2018;32;1273-1279	1
6039	C. S. K. Hwang, J. W.Kim, J. W.Lee, E. J.Kim, C. H.Yoon, J. H.Cho, H. J., Comparison of robotic and coblation tongue base resection for obstructive sleep apnoea. Clinical Otolaryngology. 2018;43;249-255	12

6040	T. G. P. Manning, N.Perera, M.McGrath, S.Christidis, D.Khan, M.O'Beirne, R.Campbell, N.Bolton, D.Lawrentschuk, N., Laparoscopic lens fogging: solving a common surgical problem in standard and robotic laparoscopes via a scientific model. Surgical Endoscopy. 2018;32;1600-1606	3
6041	V. P. Dandolu, P., Health resource utilization and costs during the first 90 days following robot-assisted hysterectomy. International Urogynecology Journal. 2018;29;865-872	13
6042	J. W. Wang, S.Li, J.Ren, X.Briggs, R. M., Development of a novel robotic platform with controllable stiffness manipulation arms for laparoendoscopic single-site surgery (LESS). The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	3
6043	R. Y. Sethia, A. C.Ozbay, I.Diavolitsis, V.Brown, N. V.Zhao, S.Wei, L.Old, M.Agrawal, A.Teknos, T. N.Ozer, E., Quality of life outcomes of transoral robotic surgery with or without adjuvant therapy for oropharyngeal cancer. Laryngoscope. 2018;128;403-411	3
6044	K. C. S. Sim, D. J.Han, N. Y.Park, B. J.Kim, M. J.Cho, S. B.Yang, K. S., Preoperative CT findings of subclinical hernia can predict for postoperative inguinal hernia following robot-assisted laparoscopic radical prostatectomy. Abdominal Radiology. 2018;43;1231-1236	3
6045	A. J. C. Hung, J.Jarc, A.Hatcher, D.Djaladat, H.Gill, I. S., Development and Validation of Objective Performance Metrics for Robot-Assisted Radical Prostatectomy: A Pilot Study. Journal of Urology. 2018;199;296-304	1
6046	J. T. G. Wilson, M. J.Prince, S. W.Chen, C. W.Schwartz, S. D.Hubschman, J. P.Tsao, T. C., Intraocular robotic interventional surgical system (IRISS): Mechanical design, evaluation, and master-slave manipulation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	3
6047	A. P. Necchi, G. R.Smaldone, M. C.Pal, S. K.Chan, K.Wong, Y. N.Viterbo, R.Sonpavde, G.Harshman, L. C.Crabb, S.Alva, A.Chowdhury, S.De Giorgi, U.Srinivas, S.Agarwal, N.Bamias, A.Baniel, J.Golshayan, A. R.Ladoire, S.Sternberg, C. N.Cerbone, L.Yu, E. Y.Bellmunt, J.Vaishampayan, U.Niegisch, G.Hussain, S.Bowles, D. W.Morales-Barrera, R.Milowsky, M. I.Theodore, C.Berthold, D. R.Sridhar, S. S.Powles, T.Rosenberg, J. E.Galsky, M. D.Retrospective International Study of Invasive/Advanced Cancer of the, Urothelium, Robot-assisted Versus Open Radical Cystectomy in Patients Receiving Perioperative Chemotherapy for Muscle-invasive Bladder Cancer: The Oncologist's Perspective from a Multicentre Study. European Urology Focus. 2018;4;937-945	13
6048	P. H. Rajan, A.Sooriakumaran, P.Nyberg, T.Wallerstedt, A.Adding, C.Akre, O.Carlsson, S.Hosseini, A.Olsson, M.Egevad, L.Wiklund, F.Steineck, G.Wiklund, N. P., Oncologic Outcomes After Robot-assisted Radical Prostatectomy: A Large European Single-centre Cohort with Median 10-Year Follow-up. European Urology Focus. 2018;4;351-359	3
6049	E. W. Matanes, A.Rivlin, A.Lauterbach, R.Amit, A.Wiener, Z.Lowenstein, L., Effects of Pneumoperitoneum and the Steep Trendelenburg Position on Heart Rate Variability and Cerebral Oxygenation during Robotic Sacrocolpopexy. Journal of Minimally Invasive Gynecology. 2018;25;70-75	3
6050	S. S. Choussein, S. S.Farland, L. V.Wietsma, A.Missmer, S. A.Hollis, M.Yu, R. N.Pozner, C. N.Gargiulo, A. R., Robotic Assistance Confers Ambidexterity to Laparoscopic Surgeons. Journal of Minimally Invasive Gynecology. 2018;25;76-83	1
6051	L. A. W. Martin-Del-Campo, A. S.Belyansky, I.Novitsky, Y. W., Comparative analysis of perioperative outcomes of robotic versus open transversus abdominis release. Surgical Endoscopy. 2018;32;840-845	12

6052	L. D. F. Morelli, G.Guadagni, S.Rossi, L.Palmeri, M.Furbetta, N.Gianardi, D.Bianchini, M.Caprili, G.D'Isidoro, C.Mosca, F.Moglia, A.Cuschieri, A., Robot-assisted total mesorectal excision for rectal cancer: case-matched comparison of short-term surgical and functional outcomes between the da Vinci Xi and Si. Surgical Endoscopy. 2018;32;589-600	3
6053	M. M. Mowzoon, F. I. B.Kaur, J.Kolachalam, R., Effectiveness and feasibility of robotic gastric neurostimulator placement in patients with refractory gastroparesis. Journal of Robotic Surgery. 2018;12;303-310	3
6054	J. G. t. Bittner, S.Vy, M.Mabe, M.Del Prado, P. A. R.Clingempeel, N. L., Comparative analysis of open and robotic transversus abdominis release for ventral hernia repair. Surgical Endoscopy. 2018;32;727-734	12
6055	D. B. Stefanidis, S. B.Kuwada, T.Simms, C.Gersin, K., Robotic gastric bypass may lead to fewer complications compared with laparoscopy. Surgical Endoscopy. 2018;32;610-616	12
6056	H. Y. C. Kim, Y. J.Dionigi, G.Anuwong, A.Richmon, J. D., Transoral robotic thyroidectomy: lessons learned from an initial consecutive series of 24 patients. Surgical Endoscopy. 2018;32;688-694	3
6057	M. E. J. Hagen, M. K.Fakhro, J.Buchs, N. C.Buehler, L.Mendoza, J. M.Morel, P., Robotic versus laparoscopic stapling during robotic Roux-en-Y gastric bypass surgery: a case-matched analysis of costs and clinical outcomes. Surgical Endoscopy. 2018;32;472-477	4
6058	A. v. E. Alaid, K.Smoll, N. R.Solomiichuk, V.Rohde, V.Martinez, R.Schatlo, B., Robot guidance for percutaneous minimally invasive placement of pedicle screws for pyogenic spondylodiscitis is associated with lower rates of wound breakdown compared to conventional fluoroscopy-guided instrumentation. Neurosurgical Review. 2018;41;489-496	12
6059	T. S. T. Sian, G. M.Park, H.Lund, J. N.Speake, W. J.Hurst, N. G.Al Chalabi, H.Smith, K. J.Tou, S., Robotic colorectal surgery: previous laparoscopic colorectal experience is not essential. Journal of Robotic Surgery. 2018;12;271-275	1
6060	T. Y. Majima, Y.Matsukawa, Y.Funahashi, Y.Sassa, N.Kato, M.Gotoh, M., Causative factors for de novo inguinal hernia after robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2018;12;277-282	3
6061	S. H. Kim, A.Menderes, G.Cross, S.Azodi, M.Bahtiyar, M. O., Minimally invasive abdominal cerclage compared to laparotomy: a comparison of surgical and obstetric outcomes. Journal of Robotic Surgery. 2018;12;295-301	4
6062	D. M. Collins, N.Duchalais, E.Landmann, R. G.Merchea, A.Colibaseanu, D. T.Kelley, S. R.Mathis, K. L.Dozois, E. J.Larson, D. W., Participation of Colon and Rectal Fellows in Robotic Rectal Cancer Surgery: Effect on Surgical Outcomes. Journal of Surgical Education. 2018;75;465-470	3
6063	F. B. Porpiglia, R.Fiori, C.Manfredi, M.De Cillis, S.Geuna, S., Chitosan membranes applied on the prostatic neurovascular bundles after nerve-sparing robot-assisted radical prostatectomy: a phase II study. BJU International. 2018;121;472-478	3
6064	A. P. Iraniha, J., Long-term quality of life and outcomes following robotic assisted TAPP inguinal hernia repair. Journal of Robotic Surgery. 2018;12;261-269	3
6065	S. V. Y. Patel, D.Elsolh, B.Goldacre, B. M.Nash, G. M., Assessment of Conflicts of Interest in Robotic Surgical Studies: Validating Author's Declarations With the Open Payments Database. Annals of Surgery. 2018;268;86-92	8

6066	Y. F. Yamada, T.Fukuhara, H.Sugihara, T.Nakagawa, T.Kume, H.Igawa, Y.Homma, Y., Predictors of Early Continence after Robot-assisted Radical Prostatectomy. Luts. 2018;10;287-291	3
6067	K. F. Kawaguchi, T.Nakamura, S.Taniguchi, T.Yokoi, K., A bilateral approach to extended thymectomy using the da Vinci Surgical System for patients with myasthenia gravis. Surgery Today. 2018;48;195-199	2
6068	H. Y. Chinbe, T.Watanabe, T.Miyashita, K.Nakada, M., Finger-attachment device for the feedback of gripping and pulling force in a manipulating system for brain tumor resection. International Journal of Computer Assisted Radiology & Surgery. 2018;13;44632	2
6069	K. R. H. Laursen, V. B.Jensen, P. T.Sogaard, R., Health care cost consequences of using robot technology for hysterectomy: a register-based study of consecutive patients during 2006-2013. Journal of Robotic Surgery. 2018;12;283-294	4
6070	K. J. Sexton, A.Gotsch, A.Hussein, A. A.Cavuoto, L.Guru, K. A., Anticipation, teamwork and cognitive load: chasing efficiency during robot-assisted surgery. BMJ Quality & Safety. 2018;27;148-154	3
6071	M. M. O. Chen, R. K.Lim, G. C.Holsinger, F. C., Improved transoral dissection of the tongue base with a next-generation robotic surgical system. Laryngoscope. 2018;128;78-83	3
6072	M. J. A. Fard, S.Darin Ellis, R.Chinnam, R. B.Pandya, A. K.Klein, M. D., Automated robot-assisted surgical skill evaluation: Predictive analytics approach. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2018;14;	1
6073	K. R. Jallad, B.Paraiso, M. F. R.Gurland, B.Unger, C. A., Long-Term Outcomes After Ventral Rectopexy With Sacrocolpo- or Hysteropexy for the Treatment of Concurrent Rectal and Pelvic Organ Prolapse. Female Pelvic Medicine & Reconstructive Surgery. 2018;24;336-340	2
6074	M. B. Huang, S. M.Steele, W. J., 3rdBoghani, Z.Desai, V. R.Britz, G. W.West, G. A.Trask, T. W.Holman, P. J., Videoexoscopic real-time intraoperative navigation for spinal neurosurgery: a novel co-adaptation of two existing technology platforms, technical note. Journal of Robotic Surgery. 2018;12;251-255	2
6075	G. P.-G. Ogaya-Pinies, H.Rogers, T.Hernandez-Cardona, E.Rocco, B.Coelho, R. F.Jenson, C.Patel, V. R., Can dehydrated human amnion/chorion membrane accelerate the return to potency after a nerve-sparing robotic-assisted radical prostatectomy? Propensity score-matched analysis. Journal of Robotic Surgery. 2018;12;235-243	3
6076	R. D. Kolachalam, E.D'Amico, L.Richardson, C.Rabaza, J.Gamagami, R.Gonzalez, A., Early outcomes of robotic-assisted inguinal hernia repair in obese patients: a multi-institutional, retrospective study. Surgical Endoscopy. 2018;32;229-235	12
6077	N. K. Haga, N.Yanagida, T.Ogawa, S.Yabe, M.Akaihata, H.Hata, J.Sato, Y.Ishibashi, K.Hasegawa, O.Kojima, Y., Effects of barbed suture during robot-assisted radical prostatectomy on postoperative tissue damage and longitudinal changes in lower urinary tract outcome. Surgical Endoscopy. 2018;32;145-153	3
6078	K. K. Obama, Y. M.Kang, D. R.Son, T.Kim, H. I.Noh, S. H.Hyung, W. J., Long-term oncologic outcomes of robotic gastrectomy for gastric cancer compared with laparoscopic gastrectomy. Gastric Cancer. 2018;21;285-295	12
6079	E. J. S. Fichtenbaum, A. C.Concodora, C. W.Schulte, M.Noh, P. H., Tubeless outpatient robotic upper urinary tract reconstruction in the pediatric population: short-term assessment of safety. Journal of Robotic Surgery. 2018;12;257-260	3

6080	G. I. L. Lee, M. R., Can a virtual reality surgical simulation training provide a self-driven and mentor-free skills learning? Investigation of the practical influence of the performance metrics from the virtual reality robotic surgery simulator on the skill learning and associated cognitive workloads. Surgical Endoscopy. 2018;32;62-72	3
6081	S. A. T. Ackroyd, S.Angel, C.Moore, R.Meacham, P. J.DuBeshter, B., Interval robotic cytoreduction following neoadjuvant chemotherapy in advanced ovarian cancer. Journal of Robotic Surgery. 2018;12;245-250	3
6082	S. J. Philip, N.Mittal, V., Outcomes after laparoscopic or robotic colectomy and open colectomy when compared by operative duration for the procedure. American Journal of Surgery. 2018;215;577-580	12
6083	S. R. Gueli Alletti, C.Cianci, S.Perrone, E.Pizzacalla, S.Monterossi, G.Vizzielli, G.Gidaro, S.Scambia, G., The Senhance TM surgical robotic system ("Senhance") for total hysterectomy in obese patients: a pilot study. Journal of Robotic Surgery. 2018;12;229-234	3
6084	J. V. Bosschieter, A. N.van der Poel, H. G.Moonen, L. M.Horenblas, S.van Rhijn, B. W. G.Pieters, B. R.Nieuwenhuijzen, J. A.Hendricksen, K., Robot-assisted Laparoscopic Implantation of Brachytherapy Catheters in Bladder Cancer. European Urology. 2018;74;369-375	3
6085	G. C. F. Bailey, I.Tollefson, M. K.Gettman, M. T.Knoedler, J. J., Perioperative outcomes of robot-assisted laparoscopic partial cystectomy. Journal of Robotic Surgery. 2018;12;223-228	13
6086	N. v. d. R. Grivas, R.Schouten, D.Cavicchioli, F.Tillier, C.Bex, A.Schoots, I.Artibani, W.Heijmink, S.Van Der Poel, H., Quantitative assessment of fascia preservation improves the prediction of membranous urethral length and inner levator distance on continence outcome after robot-assisted radical prostatectomy. Neurourology & Urodynamics. 2018;37;417-425	3
6087	A. P. Mehta, S.Robison, W.Senkowski, T.Allen, J.Shaw, E.Senkowski, C., Can teenage novel users perform as well as General Surgery residents upon initial exposure to a robotic surgical system simulator?. Journal of Robotic Surgery. 2018;12;165-171	1
6088	A. K. Schwein, B.Chinnadurai, P.Virmani, N.Walker, S.O'Malley, M.Lumsden, A. B.Bismuth, J., Electromagnetic tracking of flexible robotic catheters enables "assisted navigation" and brings automation to endovascular navigation in an in vitro study. Journal of Vascular Surgery. 2018;67;1274-1281	5
6089	M. S. D. G. Mangano, A.Beniamin, F.Lamon, C.Ciaccia, M.Maccatrozzo, L., Robot-assisted nerve-sparing radical prostatectomy using near-infrared fluorescence technology and indocyanine green: initial experience. Urologia (Treviso). 2018;85;29-31	3
6090	M. J. P. Kim, S. C.Park, J. W.Chang, H. J.Kim, D. Y.Nam, B. H.Sohn, D. K.Oh, J. H., Robot-assisted Versus Laparoscopic Surgery for Rectal Cancer: A Phase II Open Label Prospective Randomized Controlled Trial. Annals of Surgery. 2018;267;243-251	12
6091	I. A. Tosun, B.Sahin, B.Gungor, G.Aydin, G.Yapici, B.Ozyar, E., Robotic radiosurgery of head and neck paragangliomas: a single institution experience. Asia-Pacific Journal of Clinical Oncology. 2018;14;e3-e7	3
6092	W. Y. W. Khoder, R.Ghamdi, A. M. A.Schulz, T.Becker, A.Stief, C. G., A prospective randomised comparison between the transperitoneal and retroperitoneoscopic approaches for robotic-assisted pyeloplasty in a single surgeon, single centre study. Journal of Robotic Surgery. 2018;12;131-137	3
6093	P. M. Raimondi, F.Cieri, M.Cichella, A.Cotellese, R.Innocenti, P., Is right colectomy a complete learning procedure for a robotic surgical program?. Journal of Robotic Surgery. 2018;12;147-155	1

6094	A. C. Herlemann, J. E.Carroll, P. R.Cooperberg, M. R., Community-based Outcomes of Open versus Robot-assisted Radical Prostatectomy. European Urology. 2018;73;215-223	12
6095	L. M. O. Akst, K. C.Balicki, M.Chalasani, P.Taylor, R. H., Robotic microlaryngeal phonosurgery: Testing of a "steady-hand" microsurgery platform. Laryngoscope. 2018;128;126-132	7
6096	I. W. Nassour, S. C.Christie, A.Augustine, M. M.Porembka, M. R.Yopp, A. C.Choti, M. A.Mansour, J. C.Xie, X. J.Polanco, P. M.Minter, R. M., Minimally Invasive Versus Open Pancreaticoduodenectomy: A Propensity-matched Study From a National Cohort of Patients. Annals of Surgery. 2018;268;151-157	4
6097	N. J. S. Brandmeir, S.Rohatgi, P.Sather, M., The comparative accuracy of the ROSA stereotactic robot across a wide range of clinical applications and registration techniques. Journal of Robotic Surgery. 2018;12;157-163	3
6098	S. S. M. Kao, J.Ofo, E.Edwards, S.Dhatrak, D.Foreman, A.Krishnan, S.Hodge, J. C., A comparison of oncological outcomes between transoral surgical and non-surgical treatment protocols in the management of oropharyngeal squamous cell carcinoma. Journal of Laryngology & Otology. 2018;132;349-355	13
6099	R. B. C. Lira, T. C.de Carvalho, G. B.Schreuder, W. H.Koh, Y. W.Choi, E. C.Kowalski, L. P., Retroauricular endoscopic and robotic versus conventional neck dissection for oral cancer. Journal of Robotic Surgery. 2018;12;117-129	4
6100	D. T. D. Friedrich, L.Mayer, B.Hacker, S.Schall, F.Hahn, J.Hoffmann, T. K.Schuler, P. J.Greve, J., Features of haptic and tactile feedback in TORS-a comparison of available surgical systems. Journal of Robotic Surgery. 2018;12;103-108	7
6101	K. B. P. Ginsburg, K.Heilbronn, C.Levin, M.Cher, M. L., Prospective assessment of positioning-related pain in robotic urologic surgery. Journal of Robotic Surgery. 2018;12;97-101	3
6102	D. J. Stoianovici, C.Lim, S.Li, P.Petrisor, D.Fricke, S.Sharma, K.Cleary, K., Multi-Imager Compatible, MR Safe, Remote Center of Motion Needle-Guide Robot. IEEE Transactions on Biomedical Engineering. 2018;65;165-177	3
6103	N. H. Haga, J.Matsuoka, K.Koguchi, T.Akaihata, H.Kataoka, M.Sato, Y.Ogawa, S.Ishibashi, K.Kojima, Y., The impact of nerve-sparing robot-assisted radical prostatectomy on lower urinary tract function: Prospective assessment of patient-reported outcomes and frequency volume charts. Neurourology & Urodynamics. 2018;37;322-330	3
6104	M. H. Musch, J. L.Vogel, A.Loewen, H.Krege, S.Kroepfl, D., Robot-assisted laparoscopic Y-V plasty in 12 patients with refractory bladder neck contracture. Journal of Robotic Surgery. 2018;12;139-145	3
6105	A. M. W. Avondstondt, M.D'Adamo, C. R.Ehsanipoor, R. M., Change in cost after 5 years of experience with robotic-assisted hysterectomy for the treatment of endometrial cancer. Journal of Robotic Surgery. 2018;12;93-96	4
6106	C. M. D. Carter-Brooks, A. L.Bonidie, M. J.Shepherd, J. P., The Impact of a Dedicated Robotic Team on Robotic-Assisted Sacrocolpopexy Outcomes. Female Pelvic Medicine & Reconstructive Surgery. 2018;24;13-16	3
6107	B. B.-G. Gali, J. N.Plevak, D. J.Schroeder, D.Wilson, T. O.Jankowski, C. J., Perioperative Outcomes of Robotic-Assisted Hysterectomy Compared With Open Hysterectomy. Anesthesia & Analgesia. 2018;126;127-133	13
6108	M. K. Gungor, K.Dursun, P.Ozbasli, E.Genim, C., Single-port hysterectomy: robotic versus laparoscopic. Journal of Robotic Surgery. 2018;12;87-92	13

6109	A. M. W. Carbonell, J. A.Prabhu, A. S.Ballecer, C. D.Janczyk, R. J.Herrera, J.Huang, L. C.Phillips, S.Rosen, M. J.Poulose, B. K., Reducing Length of Stay Using a Robotic-assisted Approach for Retromuscular Ventral Hernia Repair: A Comparative Analysis From the Americas Hernia Society Quality Collaborative. Annals of Surgery. 2018;267;210-217	12
6110	P. J. Radkani, D.Barot, T.Williams, R., Robotic video-assisted thoracoscopy: minimally invasive approach for management of mediastinal tumors. Journal of Robotic Surgery. 2018;12;75-79	3
6111	H. J. P. Lujan, G.Rivera, B. X.Molano, A.Fagenson, A.Jane, L. A.Holguin, D., Advantages of Robotic Right Colectomy With Intracorporeal Anastomosis. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2018;28;36-41	12
6112	Y. H. D. Hong, W. R., Jr.Reddy, P. P.Schulte, M.Minevich, E. A.VanderBrink, B. A.Noh, P. H., Hidden incision endoscopic surgery (HIdES) trocar placement for pediatric robotic pyeloplasty: comparison to traditional port placement. Journal of Robotic Surgery. 2018;12;43-47	3
6113	B. J. Protyniak, J.Farmer, R., Multiquadrant robotic colorectal surgery: the da Vinci Xi vs Si comparison. Journal of Robotic Surgery. 2018;12;67-74	3
6114	K. R. H. Catchpole, E.Curtis, S.Mirchi, T.Souders, C. P.Anger, J. T., Diagnosing barriers to safety and efficiency in robotic surgery. Ergonomics. 2018;61;26-39	3
6115	C. S. Mosbrucker, A.Dulemba, J., Visualization of endometriosis: comparative study of 3-dimensional robotic and 2-dimensional laparoscopic endoscopes. Journal of Robotic Surgery. 2018;12;59-66	4
6116	F. M. Gucer, S.Ceydeli, N.Taskiran, C., Robot-assisted laparoscopic transperitoneal infrarenal lymphadenectomy in patients with locally advanced cervical cancer by single docking: Do we need a backup procedure?. Journal of Robotic Surgery. 2018;12;49-58	3
6117	L. C. G. Tatebe, R.Tatebe, K.Garcia, F.Putty, B., Socioeconomic factors and parity of access to robotic surgery in a county health system. Journal of Robotic Surgery. 2018;12;35-41	3
6118	T. M. Sammour, S.Bednarski, B. K.Kaur, H.Shin, U. S.Messick, C.You, Y. N.Chang, G. J., Oncological Outcomes After Robotic Proctectomy for Rectal Cancer: Analysis of a Prospective Database. Annals of Surgery. 2018;267;521-526	3
6119	C. Y. Y. Lin, C. K.Ou, Y. C.Chiu, K. Y.Cheng, C. L.Ho, H. C.Wang, S. S.Chen, C. S.Li, J. R., Long-term outcome of robotic partial nephrectomy for renal angiomyolipoma. Asian Journal of Surgery. 2018;41;187-191	3
6120	N. R. Hirshoren, O.Fua, T.Kleid, S.Magarey, M.Dixon, B., Transoral robotic surgery: implementation as a tool in head and neck surgery - a single-centre Australian experience. ANZ Journal of Surgery. 2018;88;1129-1134	3
6121	G. K. Ogaya-Pinies, Y.Palayapalayam-Ganapathi, H.Woodlief, T.Jenson, C.Syed, J.Patel, V., Use of Scaffolding Tissue Biografts To Bolster Vesicourethral Anastomosis During Salvage Robot-assisted Prostatectomy Reduces Leak Rates and Catheter Times. European Urology. 2018;74;92-98	3
6122	P. C. Aidan, W. Y.Lorincz, B. B., Bilateral vagal automatic periodic stimulation in single-incision transaxillary robotic total thyroidectomy. Clinical Otolaryngology. 2018;43;401-403	3
6123	C. Z. Zhou, M.Shi, Y.Lin, L.Chai, G.Zhang, Y.Xie, L., Robot-Assisted Surgery for Mandibular Angle Split Osteotomy Using Augmented Reality: Preliminary Results on Clinical Animal Experiment. Aesthetic Plastic Surgery. 2017;41;1228-1236	1
6124	M. G. Ortenzi, R.Cardinali, L.Guerrieri, M., Surgical treatment of gastric stromal tumors: laparoscopic versus open approach. Annali Italiani di Chirurgia. 2017;88;	3

6125	S. N. Tsukamoto, Y.Ochiai, H.Tsukada, Y.Sasaki, T.Shida, D.Ito, M.Kanemitsu, Y., Surgical outcomes of robot-assisted rectal cancer surgery using the da Vinci Surgical System: a multi-center pilot Phase II study. Japanese Journal of Clinical Oncology. 2017;47;1135-1140	3
6126	Y. O. Hirasawa, M.Sugihara, T.Hashimoto, T.Satake, N.Gondo, T.Nakagami, Y.Namiki, K.Yoshioka, K.Nakashima, J.Tachibana, M.Ohno, Y., No clinical significance of the time interval between biopsy and robotic-assisted radical prostatectomy for patients with clinically localized prostate cancer on biochemical recurrence: a propensity score matching analysis. Japanese Journal of Clinical Oncology. 2017;47;1083-1089	3
6127	T. Y. Sugihara, H.Matsui, H.Nagao, G.Ishikawa, A.Fujimura, T.Fukuhara, H.Fushimi, K.Ohori, M.Homma, Y., Accessibility to surgical robot technology and prostate-cancer patient behavior for prostatectomy. Japanese Journal of Clinical Oncology. 2017;47;647-651	3
6128	T. O. Koie, C.Yamamoto, H.Imai, A.Hatakeyama, S.Yoneyama, T.Hashimoto, Y.Yoneyama, T.Tobisawa, Y.Yamauchi, A.Shimazui, T.Ohtani, M., The feasibility and effectiveness of robot-assisted radical cystectomy after neoadjuvant chemotherapy in patients with muscle-invasive bladder cancer. Japanese Journal of Clinical Oncology. 2017;47;252-256	3
6129	H. R. Wenger, A.Eggener, S.Raman, J. D., Nerve Bundle Hydrodissection and Sexual Function after Robot Prostatectomy. Journal of the Society of Laparoendoscopic Surgeons. 2017;21;Oct-Dec	3
6130	I. G. K. Jeong, Y. S.Kim, J. H.Han, D. H.Li, S.Wang, Y.Chang, S. L.Chung, B. I., Association of Robotic-Assisted vs Laparoscopic Radical Nephrectomy With Perioperative Outcomes and Health Care Costs, 2003 to 2015. JAMA. 2017;318;1561-1568	13
6131	F. A. V. V. Madureira, J. L. S.Madureira, D. FilhoD'Almeida, L. A. V.Madureira, F. A. V.Duarte, A. M.Vaz, O. P.Ramos, J. R., Model of a training program in robotic surgery and its initial results. Revista do Colegio Brasileiro de Cirurgioes. 2017;44;302-307	3
6132	C. H. Fahim, W.Waddell, T.Shargall, Y.Yasufuku, K., Robotic-assisted thoracoscopic surgery for lung resection: the first Canadian series. Canadian Journal of Surgery. 2017;60;260-265	3
6133	D. P. Jayne, A.Marshall, H.Croft, J.Corrigan, N.Copeland, J.Quirke, P.West, N.Rautio, T.Thomassen, N.Tilney, H.Gudgeon, M.Bianchi, P. P.Edlin, R.Hulme, C.Brown, J., Effect of Robotic-Assisted vs Conventional Laparoscopic Surgery on Risk of Conversion to Open Laparotomy Among Patients Undergoing Resection for Rectal Cancer: The ROLARR Randomized Clinical Trial. JAMA. 2017;318;1569-1580	12
6134	A. L. Aggarwal, D.Mason, M.Purushotham, A.Sullivan, R.van der Meulen, J., Effect of patient choice and hospital competition on service configuration and technology adoption within cancer surgery: a national, population-based study. Lancet Oncology. 2017;18;1445-1453	2
6135	N. W. Raison, T.Brunckhorst, O.Abe, T.Ross, T.Challacombe, B.Khan, M. S.Novara, G.Buffi, N.Van Der Poel, H.McIlhenny, C.Dasgupta, P.Ahmed, K., Development and validation of a tool for non-technical skills evaluation in robotic surgery-the ICARS system. Surgical Endoscopy. 2017;31;5403-5410	3
6136	A. A. M. Hussein, P. R.Ahmed, Y. E.Saar, M.Wijburg, C. J.Richstone, L.Wagner, A.Wilson, T.Yuh, B.Redorta, J. P.Dasgupta, P.Kawa, O.Khan, M. S.Menon, M.Peabody, J. O.Hosseini, A.Gaboardi, F.Pini, G.Schanne, F.Mottrie, A.Rha, K. H.Hemal, A.Stockle, M.Kelly, J.Tan, W. S.Maatman, T. J.Poulakis, V.Kaouk, J.Canda, A. E.Balbay, M. D.Wiklund, P.Guru, K. A., Development of a patient and institutional-based model for estimation of operative times for robot-assisted radical cystectomy: results from the International Robotic Cystectomy Consortium. BJU International. 2017;120;695-701	3

6137	A. A. S. Hussein, M.May, P. R.Wijburg, C. J.Richstone, L.Wagner, A.Wilson, T.Yuh, B.Redorta, J. P.Dasgupta, P.Khan, M. S.Menon, M.Peabody, J. O.Hosseini, A.Gaboardi, F.Mottrie, A.Rha, K. H.Hemal, A.Stockle, M.Kelly, J.Maatman, T. J.Canda, A. E.Wiklund, P.Guru, K. A.Collaborators,, Early Oncologic Failure after Robot-Assisted Radical Cystectomy: Results from the International Robotic Cystectomy Consortium. Journal of Urology. 2017;197;1427-1436	3
6138	S. P. Owen, M.Meikle, D.Bowe, I.O'Hara, J.Patterson, J.Paleri, V., Baseline swallowing measures predict recovery at 6 weeks after transoral robotic surgery for head and neck cancer. Clinical Otolaryngology. 2017;42;366-372	3
6139	M. I. R. Mbaka, E.Camps, J. I., Laparoscopic versus Robotic-Assisted Splenectomy in the Pediatric Population: Our Institutional Experience. American Surgeon. 2017;83;e358-e359	8
6140	W. P. L. M. Main, J. M.Hussain, L. R.Meister, K. M.Kerlakian, G. M., Robotic versus Laparoscopic Cholecystectomy in the Obese Patient. American Surgeon. 2017;83;e447-e449	8
6141	J. S. S. Eurico Reis, J.Costa, A. R.Palma Martelo, F., The First 24 Robotic Surgeries of Hospital da Luz. Revista Portuguesa de Cirurgia Cardio-toracica e Vascular. 2017;24;103	3
6142	J. L. Safdieh, Y. C.Wong, A.Lee, A.Weiner, J. P.Schwartz, D.Schreiber, D., A Comparison of Outcomes Between Open Hysterectomy and Robotic-Assisted Hysterectomy for Endometrial Cancer Using the National Cancer Database. International Journal of Gynecological Cancer. 2017;27;1508-1516	13
6143	V. V. V. O'Connor, B.Yang, S. T.DiFronzo, A., Robotic Minor Hepatectomy Offers a Favorable Learning Curve and May Result in Superior Perioperative Outcomes Compared with Laparoscopic Approach. American Surgeon. 2017;83;1085-1088	5
6144	M. T. V. M. Gomes, A. M. N.Podgaec, S.Barison, G. A. S., Initial experience with single-port robotic hysterectomy. Einstein. 2017;15;476-480	3
6145	D. J. B. Hiller, J. L.Zeller, K. A., Robotic Rectopexy for Rectal Prolapse in Pediatric Patients. American Surgeon. 2017;83;1386-1389	3
6146	B. G. C. Domb, S.Gui, C.Yuen, L. C.Lodhia, P.Suarez, C., Can Stem Version Consistently Correct Native Femoral Version Using Robotic Guidance in Total Hip Arthroplasty?. Surgical Technology International. 2017;31;389-395	3
6147	A. S. Ozgun, A.Karaman, S.Gunusen, I.Alper, I.Askar, F. Z., The relationship between the Trendelenburg position and cerebral hypoxia inpatients who have undergone robot-assisted hysterectomy and prostatectomy. Turkish Journal of Medical Sciences. 2017;47;1797-1803	3
6148	E. Q. Vicente, Y.Ielpo, B.Duran, H.Diaz, E.Fabra, I.Malave, L.Caruso, R., Role of robotic-assisted pancreatic surgery: lessons learned from our initial experience. Hepatobiliary & Pancreatic Diseases International. 2017;16;652-658	3
6149	S. Mick, Improving the safety and efficacy of robotically assisted mitral valve surgery. Cleveland Clinic Journal of Medicine. 2017;84;e25-e27	3
6150	Y. D. Fan, J.Zhang, J.Liu, S.Xue, X.Huang, Y.Zhang, J.Hao, D., Comparison of Accuracy of Pedicle Screw Insertion Among 4 Guided Technologies in Spine Surgery. Medical Science Monitor. 2017;23;5960-5968	12
6151	R. M. Bartoletti, A.Francesca, F.Pomara, G.Selli, C., Combined bladder neck preservation and posterior musculofascial reconstruction during robotic assisted radical prostatectomy: effects on early and long term urinary continence recovery. BMC Urology. 2017;17;119	3
6152	P. L. P. Torng, S. P.Hwang, J. S.Shih, H. J.Chen, C. L., Learning curve in concurrent application of laparoscopic and robotic-assisted hysterectomy with lymphadenectomy in endometrial cancer. Taiwanese Journal of Obstetrics & Gynecology. 2017;56;781-787	5

6153	M. K. T. Rayborn, J. L.Park, S. G., Cost effectiveness of preoperative screening for healthy patients undergoing robotic hysterectomy. Journal of Perioperative Practice. 2017;27;129-134	4
6154	D. D. S. Lydiatt, R., Medical malpractice and transoral robotic surgery: Evaluation and some preemptive thoughts. Ear, Nose, & Throat Journal. 2017;96;477-480	3
6155	A. K. Goodman, M.Kelava, M.Mick, S. L.Gillinov, A. M.Rajeswaran, J.Brzezinski, A.Blackstone, E. H.Mihaljevic, T., Robotic Mitral Valve Repair: The Learning Curve. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;390-397	5
6156	H. P. Kitahara, B.McCrorey, M.Nisivaco, S.Balkhy, H. H., Morbid Obesity Does not Increase Morbidity or Mortality in Robotic Cardiac Surgery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;434-439	3
6157	Y. M. K. Park, H. R.Cho, B. C.Keum, K. C.Cho, N. H.Kim, S. H., Transoral robotic surgery-based therapy in patients with stage III-IV oropharyngeal squamous cell carcinoma. Oral Oncology. 2017;75;16-21	3
6158	M. C. V. Topf, A.Tassone, P.Shumrick, C.Luginbuhl, A.Cognetti, D. M.Curry, J. M., Unplanned readmission following transoral robotic surgery. Oral Oncology. 2017;75;127-132	3
6159	H. F. W. Pan, G.Liu, J.Liu, X. X.Zhao, K.Tang, X. F.Jiang, Z. W., Robotic Versus Laparoscopic Gastrectomy for Locally Advanced Gastric Cancer. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2017;27;428-433	12
6160	C. W. T. Huang, H. L.Yeh, Y. S.Su, W. C.Huang, M. Y.Huang, C. M.Chang, Y. T.Wang, J. Y., Robotic-assisted total mesorectal excision with the single-docking technique for patients with rectal cancer. BMC Surgery. 2017;17;126	3
6161	S. S. C. Pupovac, A.Singh, V. A., Benefits of Electromagnetic Navigational Bronchoscopy for Identifying Pulmonary Nodules for Robotic Resections. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;418-420	3
6162	M. P. Chandarana, S.Tamhankar, A.Garg, S.Bhandare, M.Goel, M., Robotic resections in hepatobiliary oncology - initial experience with Xi da Vinci system in India. Indian Journal of Cancer. 2017;54;52-55	3
6163	Z. W. Zhou, Z.Zheng, Z.Cao, J.Zhang, C.He, Z.Lv, W.Hu, J., An "alternative finger" in robotic-assisted thoracic surgery: intraoperative ultrasound localization of pulmonary nodules. Medical Ultrasonography. 2017;19;374-379	3
6164	M. T. Hikage, M.Makuuchi, R.Tanizawa, Y.Bando, E.Kawamura, T.Terashima, M., Impact of an Ultrasonically Activated Device in Robot-Assisted Distal Gastrectomy. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;453-458	3
6165	J. K. Joo, J.Lee, J., Effect of Continuous Systemic Administration of Esmolol on Intraocular Pressure During Surgery in a Sustained Steep Trendelenburg Position. Journal of Glaucoma. 2017;26;1068-1071	2
6166	H. J. L. Lee, Y. H.Chong, G. O.Hong, D. G.Lee, Y. S., Robotic-assisted Transperitoneal Infrarenal Para-aortic Lymphadenectomy for Gynecological Malignancies: Comparison with a Laparoscopic Approach. Anticancer Research. 2017;37;7087-7093	13
6167	J. L. N. Walker, J. N.Mohamadipanah, H.Laufer, S.Jocewicz, F. F.Gwillim, E.Pugh, C. M., Residents' response to bleeding during a simulated robotic surgery task. Journal of Surgical Research. 2017;220;385-390	3

6168	J. W. Moul, Counterpoint: Which Treatment Modality for Localized Prostate Cancer Yields Superior Quality of Life: Radiotherapy or Prostatectomy? Most Men With Clinically Important Localized Prostate Cancer Deserve First-Line Open or Robotic Radical Prostatectomy. Oncology (Williston Park). 2017;31;830, 833-5	8
6169	S. Ornes, Inner Workings: Medical microrobots have potential in surgery, therapy, imaging, and diagnostics. Proceedings of the National Academy of Sciences of the United States of America. 2017;114;12356-12358	3
6170	S. U. Kurokawa, Y.Mizuno, K.Okada, A.Nakane, A.Nishio, H.Hamamoto, S.Ando, R.Kawai, N.Tozawa, K.Hayashi, Y.Yasui, T., New steps of robot-assisted radical prostatectomy using the extraperitoneal approach: a propensity-score matched comparison between extraperitoneal and transperitoneal approach in Japanese patients. BMC Urology. 2017;17;106	3
6171	M. C. F. Gomez Ruiz, C.Alonso Martin, J.Cristobal Poch, L.Manuel Palazuelos, C.Barredo Canibano, F. J.Gomez Fleitas, M.Castillo Diego, J., Robotic Assisted Transanal Polypectomies: Is There Any Indication?. Cirugia Espanola. 2017;95;601-609	3
6172	D. J. V. Harris, S. J.Wilson, M. R.McGrath, J. S.LeBel, M. E.Buckingham, G., The effect of observing novice and expert performance on acquisition of surgical skills on a robotic platform. PLoS ONE [Electronic Resource]. 2017;12;e0188233	1
6173	F. H. Azimifar, K.Saveh, A. H.Ghomsheh, F. T., A medium invasiveness multi-level patient's specific template for pedicle screw placement in the scoliosis surgery. Biomedical Engineering Online. 2017;16;130	2
6174	H. Y. Hino, T.Kinugasa, Y.Shiomi, A.Kagawa, H.Yamakawa, Y.Numata, M.Furutani, A.Yamaoka, Y.Manabe, S.Suzuki, T.Kato, S., Robotic-assisted multivisceral resection for rectal cancer: short-term outcomes at a single center. Techniques in Coloproctology. 2017;21;879-886	3
6175	M. B. Haliloglu, B.Ozdemir, M.Umuroglu, T.Bakan, N., Low Tidal Volume Positive End-Expiratory Pressure versus High Tidal Volume Zero-Positive End-Expiratory Pressure and Postoperative Pulmonary Functions in Robot-Assisted Laparoscopic Radical Prostatectomy. Medical Principles & Practice. 2017;26;573-578	3
6176	B. D. Ielpo, H.Diaz, E.Fabra, I.Caruso, R.Malave, L.Ferri, V.Nunez, J.Ruiz-Ocana, A.Jorge, E.Lazzaro, S.Kalivaci, D.Quijano, Y.Vicente, E., Robotic versus laparoscopic distal pancreatectomy: A comparative study of clinical outcomes and costs analysis. International Journal Of Surgery. 2017;48;300-304	12
6177	R. P. S. Singh, E. S.Song, C. M.Ji, Y. B.Tae, K., Robot-assisted excision of the submandibular gland by a postauricular facelift approach: comparison with the conventional transcervical approach. British Journal of Oral & Maxillofacial Surgery. 2017;55;1030-1034	12
6178	B. M. Pillay, D.Love, C.Meyer, D.Ferguson, E.Crowe, H.Howard, N.Mann, S.Wootten, A., Quality of Life, Psychological Functioning, and Treatment Satisfaction of Men Who Have Undergone Penile Prosthesis Surgery Following Robot-Assisted Radical Prostatectomy. Journal of Sexual Medicine. 2017;14;1612-1620	3
6179	C. A. B. Colaianni, S. N.Osborn, H. A.Lin, D. T.Richmon, J. D.Hartnick, C. J., Robotic epiglottopexy for severe epiglottic prolapse limiting decannulation. International Journal of Pediatric Otorhinolaryngology. 2017;102;157-159	3
6180	H. J. H.-H. Marcus, A.Payne, C. J.Cundy, T. P.Nandi, D.Yang, G. Z.Darzi, A., Trends in the diffusion of robotic surgery: A retrospective observational study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6181	M. Rickard, Rectal cancer: so many surgical options. How do we choose?. ANZ Journal of Surgery. 2017;87;862-863	2
6182	A. D. Pellegrino, G. R.Loverro, M.Pirovano, C.Fachechi, G.Corso, S.Trojano, G., Comparison of Robotic and laparoscopic Radical type-B and C hysterectomy for cervical cancer: Long term-outcomes. Acta Bio-Medica de l Ateneo Parmense. 2017;88;289-296	13

6183	M. D. A. Moore, C.Gray, K. D.Panjwani, S.Fahey, T. J., 3rdPomp, A.Zarnegar, R., The impact of the robotic platform on assistant variability in complex gastrointestinal surgery. Journal of Surgical Research. 2017;219;98-102	1
6184	T. P. Wang, B.Fu, Y.Wang, S.Ai, Y., Design of a new haptic device and experiments in minimally invasive surgical robot. Computer Assisted Surgery. 2017;22;240-250	3
6185	J. Q. W. Wang, Y.Feng, Y.Han, W.Su, Y. G.Liu, W. Y.Zhang, W. J.Wu, X. B.Wang, M. Y.Fan, Y. B., Percutaneous Sacroiliac Screw Placement: A Prospective Randomized Comparison of Robot-assisted Navigation Procedures with a Conventional Technique. Chinese Medical Journal. 2017;130;2527-2534	12
6186	X. A. Li, H.Chen, D.Kalbarczyk, Z.Iyer, R. K.Kesavadas, T., Surgeon Training in Telerobotic Surgery via a Hardware-in-the-Loop Simulator. Journal of Healthcare Engineering. 2017;2017;6702919	3
6187	S. Y. J. Noh, K.Seo, Y. C.Kim, C. H.Park, J.Choi, Y. R.Lee, S. U.Bae, Y. G.Kim, S., Development of a Prototype Robotic System for Radiosurgery with Upper Hemispherical Workspace. Journal of Healthcare Engineering. 2017;2017;4264356	3
6188	Q. F. Xu, J.Grimm, J.LaCouture, T.Asbell, S.Park, J. H.Kubicek, G., The dosimetric impact of the prescription isodose line (IDL) on the quality of robotic stereotactic radiosurgery (SRS) plans. Medical Physics. 2017;44;6159-6165	3
6189	S. H. Ogawa, S.Koguchi, T.Hata, J.Sato, Y.Akaihata, H.Kataoka, M.Haga, N.Kojima, Y., Three-Layer Two-Step Posterior Reconstruction Using Peritoneum During Robot-Assisted Radical Prostatectomy to Improve Recovery of Urinary Continence: A Prospective Comparative Study. Journal of Endourology. 2017;31;1251-1257	3
6190	V. H. Nalam, Lee, A new robotic approach to characterize mechanical impedance and energetic passivity of the human ankle during standing. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2017;2017;4123-4126	3
6191	D. Yuan, A.Siyuan, LiuPaydar, O.Sohn, H.Dutson, E. P.Grundfest, W. S.Candler, R. N., Grasper integrated tri-axial force sensor system for robotic minimally invasive surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2017;2017;3936-3939	3
6192	E. G. Shokrollahi, A. A.Drake, J. M.Eastwood, K. W.Kang, M., Development and control of a magnetorheological haptic device for robot assisted surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2017;2017;3926-3929	8
6193	C. Bareum, JoSonge, ChoiJaesoon, Choi, Surgical-tools detection based on Convolutional Neural Network in laparoscopic robot-assisted surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2017;2017;1756-1759	8
6194	Z. D. Cheng, B. L.Caldwell, D. G.Barresi, G.Xu, Q.Mattos, L. S., A hand-held robotic device for peripheral intravenous catheterization. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2017;231;1165-1177	5
6195	J. X. Jiang, Y.Wang, S.Liang, K., Evaluation of robotic surgery skills using dynamic time warping. Computer Methods & Programs in Biomedicine. 2017;152;71-83	3
6196	D. S. R. Oh, R. M.Gorrepati, M. L.Mehendale, S.Reed, M. F., Robotic-Assisted, Video-Assisted Thoracoscopic and Open Lobectomy: Propensity-Matched Analysis of Recent Premier Data. Annals of Thoracic Surgery. 2017;104;1733-1740	13
6197	M. G. Kang, I. H.Park, H. J.Sung, H. H.Jeon, H. G.Jeong, B. C.Jeon, S. S.Lee, H. M.Choi, H. Y.Il Seo, S., Predictive Factors for Achieving Superior Pentafecta Outcomes Following Robot-Assisted Partial Nephrectomy in Patients with Localized Renal Cell Carcinoma. Journal of Endourology. 2017;31;1231-1236	3

6198	S. Y. L. Woo, S. J.Yoo, J. Y.Han, J. J.Hwang, S. J.Huh, K. H.Lee, S. S.Heo, M. S.Choi, S. C.Yi, W. J., Autonomous bone reposition around anatomical landmark for robot-assisted orthognathic surgery. Journal of Cranio-Maxillo-Facial Surgery. 2017;45;1980-1988	3
6199	S. Y. L. Kwon, J. N.Ha, Y. S.Choi, S. H.Kim, T. H.Kwon, T. G., Open radical prostatectomy reproducing robot-assisted radical prostatectomy: Involving antegrade nerve sparing and continuous anastomosis. International Braz J Urol. 2017;43;1043-1051	12
6200	H. M. R.-H. Halawani, C. F.Naglak, M. C.Bonanni, F.Antanavicius, G., Venous thromboembolism after laparoscopic or robotic biliopancreatic diversion with duodenal switch. Ninety-days outcome of a 10 years' experience. Surgery for Obesity & Related Diseases. 2017;13;1984-1989	3
6201	B. M. Lallemant, S.Ceruse, P.Lebalch, M.Aubry, K.Hans, S.Dolivet, G.Malard, O.Bonduelle, Q.Vergez, S., Transoral robotic surgery for squamous cell carcinomas of the posterior pharyngeal wall. European Archives of Oto-Rhino-Laryngology. 2017;274;4211-4216	3
6202	C. A. B. Shah, T.Liao, J. B.Giannakopoulos, N. V.Veljovich, D.Paley, P., Surgical and oncologic outcomes after robotic radical hysterectomy as compared to open radical hysterectomy in the treatment of early cervical cancer. Journal of Gynecologic Oncology. 2017;28;e82	13
6203	Q. B. Ballouhey, A.Clermidi, P.Braik, K.Villemagne, T.Cros, J.Lardy, H.Fourcade, L., Partial nephrectomy for small children: Robot-assisted versus open surgery. International Journal of Urology. 2017;24;855-860	13
6204	A. A. P. Sultan, N.Khlopas, A.Chughtai, M.Sodhi, N.Mont, M. A., Utilization of robotic-arm assisted total knee arthroplasty for soft tissue protection. Expert Review of Medical Devices. 2017;14;925-927	3
6205	D. R. Kamali, A.Imam, S.Omar, K.Jha, A.Jha, M., Short-term surgical outcomes and patient quality of life between robotic and laparoscopic extralevator abdominoperineal excision for adenocarcinoma of the rectum. Annals of the Royal College of Surgeons of England. 2017;99;607-613	12
6206	K. M. S. Coakley, S. M.Prasad, T.Lincourt, A. E.Augenstein, V. A.Sing, R. F.Heniford, B. T.Colavita, P. D., A nationwide evaluation of robotic ventral hernia surgery. American Journal of Surgery. 2017;214;1158-1163	12
6207	C. L. A.-A. Tarola, H. A.Balasubramanian, S.Fox, S. A.Harle, C. C.Iglesias, I.Sridhar, K.Teefy, P. J.Chu, M. W. A.Kiaii, B. B., Ultrafast Track Robotic-Assisted Minimally Invasive Coronary Artery Surgical Revascularization. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;346-350	3
6208	J. P. F. Du, Y.Liu, J. J.Zhang, J. N.Chang Liu, S.Hao, D., Application of Gelatin Sponge Impregnated with a Mixture of 3 Drugs to Intraoperative Nerve Root Block Combined with Robot-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion Surgery in the Treatment of Adult Degenerative Scoliosis: A Clinical Observation Including 96 Patients. World Neurosurgery. 2017;108;791-797	3
6209	Y. M. H. Huang, Y. J.Wei, P. L., Outcomes of robotic versus laparoscopic surgery for mid and low rectal cancer after neoadjuvant chemoradiation therapy and the effect of learning curve. Medicine. 2017;96;e8171	12
6210	Y. D. Liang, Z.Wang, W.Sun, L., A Novel Position Compensation Scheme for Cable-Pulley Mechanisms Used in Laparoscopic Surgical Robots. Sensors. 2017;17;30	3
6211	I. T. Faiena, A.Leow, J.Patel, N.Modi, P. K.Salmasi, A. H.Chung, B. I.Chang, S. L.Singer, E. A., Adrenalectomy for benign and malignant disease: utilization and outcomes by surgeon specialty and surgical approach from 2003-2013. Canadian Journal of Urology. 2017;24;8990-8997	13

6212	V. S. Tugcu, A.Evren, I.Seker, K. G.Kocakaya, R.Torer, B. D.Atar, A.Tasci, A. I., Single plus one port robotic radical prostatectomy (SPORP); Initial experience. Archivio Italiano di Urologia, Andrologia. 2017;89;178-181	3
6213	R. A. P. Pathak, M.Hemal, A. K., Comprehensive Approach to Port Placement Templates for Robot-Assisted Laparoscopic Urologic Surgeries. Journal of Endourology. 2017;31;1269-1276	3
6214	M. M. Seveso, S.Bozzini, G.De Francesco, O.Mandressi, A.Taverna, G., Does site of specimen extraction affect incisional hernia rate after robot assisted laparoscopic radical prostatectomy?. International Journal Of Surgery. 2017;47;96-100	3
6215	Y. T. S. Shih, C.Hu, J. C., Do Robotic Surgical Systems Improve Profit Margins? A Cross-Sectional Analysis of California Hospitals. Value in Health. 2017;20;1221-1225	3
6216	C. W. Walters, P. J., Maximizing Efficiency and Reducing Robotic Surgery Costs Using the NASA Task Load Index. AORN Journal. 2017;106;283-294	3
6217	D. C. P. Rosen, D. J.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Badani, K. K., Is Off Clamp Always Beneficial During Robotic Partial Nephrectomy? A Propensity Score-Matched Comparison of Clamp Technique in Patients with Two Kidneys. Journal of Endourology. 2017;31;1176-1182	3
6218	R. J. R. Oviedo, J. C.Desai, A. S., Robotic Ventral Hernia Repair and Endoscopic Component Separation: Outcomes. Journal of the Society of Laparoendoscopic Surgeons. 2017;21;Jul-Sep	3
6219	P. S. Cybulska, M. B.Sawyer, B.Gardner, G. J.Zivanovic, O.Brown, C. L.Jewell, E. L.Sonoda, Y.Barakat, R. R.Abu-Rustum, N. R.Leitao, M. M., Jr., Trocar site hernia development in patients undergoing robotically assisted or standard laparoscopic staging surgery for endometrial cancer. Gynecologic Oncology. 2017;147;371-374	13
6220	J. Z. Shin, Y.Gu, C., Master-slave robotic system for needle indentation and insertion. Computer Assisted Surgery. 2017;22;100-105	3
6221	A. L. Q. Shroyer, J. A.Grau-Sepulveda, M. V.Kosinski, A. S.Yerokun, B. A.Mitchell, J. D.Bilfinger, T. V., Geographic Variations in Lung Cancer Lobectomy Outcomes: The General Thoracic Surgery Database. Annals of Thoracic Surgery. 2017;104;1650-1655	2
6222	P. J. K. Kneuertz, M. K.Stiles, B. M.Lee, B. E.Rahouma, M.Nasar, A.Altorki, N. K.Port, J. L., Robotic Thymectomy Is Feasible for Large Thymomas: A Propensity-Matched Comparison. Annals of Thoracic Surgery. 2017;104;1673-1678	13
6223	K. S. K. Lee, K. C.Chung, B. H., Long-Term Results of the Plugging Method with Regard to the Prevention of a Postoperative Inguinal Hernia After Robot-Assisted Laparoscopic Prostatectomy: A Retrospective Study. Journal of Endourology. 2017;31;1183-1188	3
6224	J. C. B. Bolger, M. P.Zarog, M. A.Looney, A.McKevitt, K.Walsh, D.Giri, S.Peirce, C.Coffey, J. C., Initial experience with a dual-console robotic-assisted platform for training in colorectal surgery. Techniques in Coloproctology. 2017;21;721-727	3
6225	Y. B. Herry, C.Lording, T.Servien, E.Neyret, P.Lustig, S., Improved joint-line restitution in unicompartmental knee arthroplasty using a robotic-assisted surgical technique. International Orthopaedics. 2017;41;2265-2271	12
6226	W. R. Petz, D.Bertani, E.Borin, S.Formisano, G.Esposito, S.Spinoglio, G.Bianchi, P. P., Suprapubic approach for robotic complete mesocolic excision in right colectomy: Oncologic safety and short-term outcomes of an original technique. European Journal of Surgical Oncology. 2017;43;2060-2066	3

6227	A. A. Pai, F.Park, J. J.Melich, G.Sulo, S.Marecik, S. J., The Impact of Obesity on the Perioperative, Clinicopathologic, and Oncologic Outcomes of Robot Assisted Total Mesorectal Excision for Rectal Cancer. Polski Przeglad Chirurgiczny. 2017;89;23-28	3
6228	B. G. Ege, M., New Maneuver in Robotic Single-Port Cholecystectomy. Jcpsp, Journal of the College of Physicians & Surgeons - Pakistan. 2017;27;505-507	3
6229	K. Y. K. Hahn, D. W.Azman, Z. A. M.Kim, S. Y.Kim, S. H., Removal of Hazardous Surgical Smoke Using a Built-in-Filter Trocar: A Study in Laparoscopic Rectal Resection. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2017;27;341-345	4
6230	W. L. Cheng, P. K., Feedforward Coordinate Control of a Robotic Cell Injection Catheter. Cell Transplantation. 2017;26;1319-1330	5
6231	G. H. Antanavicius, H. M., Single-docking robotic biliopancreatic diversion with duodenal switch technique. Surgery for Obesity & Related Diseases. 2017;13;1922-1926	5
6232	I. B. Ollivier, C.Cebula, H.Timofeev, A.Benmekhbi, M.Valenti, M. P.Staack, A. M.Scholly, J.Kehrli, P.Hirsch, E.Proust, F., Efficacy and safety in frameless robot-assisted stereo-electroencephalography (SEEG) for drug-resistant epilepsy. Neuro-Chirurgie. 2017;63;286-290	2
6233	J. H. S. Egberts, H.Aselmann, H.Hendricks, A.Becker, T., Fully robotic da Vinci Ivor-Lewis esophagectomy in four-arm technique-problems and solutions. Diseases of the Esophagus. 2017;30;44570	3
6234	E. S. O. Choi, A. Y.In, C. B.Ryu, J. H.Jeon, Y. T.Kim, H. G., Effects of recruitment manoeuvre on perioperative pulmonary complications in patients undergoing robotic assisted radical prostatectomy: A randomised single-blinded trial. PLoS ONE [Electronic Resource]. 2017;12;e0183311	3
6235	J. S. K. Shim, T. G.Rha, K. H.Lee, Y. G.Lee, J. Y.Jeong, B. C.Kim, J. Y.Pyun, J. H.Kang, S. G.Kang, S. H., Oncologic Outcomes and Predictive Factors for Recurrence Following Robot-Assisted Radical Cystectomy for Urothelial Carcinoma: Multicenter Study from Korea. Journal of Korean Medical Science. 2017;32;1662-1668	3
6236	C. B. N. Lim, G.Lahat, E.Hayek, M.Osseis, M.Gomez-Gavara, C.Moussalem, T.Azoulay, D.Salloum, C., Single-incision robotic cholecystectomy is associated with a high rate of trocar-site infection. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	12
6237	S. T. N. Tsikis, C. U.Faris, S. F., The Relationship Between Incontinence and Erectile Dysfunction After Robotic Prostatectomy: Are They Mutually Exclusive?. Journal of Sexual Medicine. 2017;14;1241-1247	3
6238	C. S. S.-B. Inaba, S.Koh, C. Y.Jafari, M. D.Mills, S. D.Carmichael, J. C.Stamos, M. J.Pigazzi, A., Robotic ventral mesh rectopexy for rectal prolapse: a single-institution experience. Techniques in Coloproctology. 2017;21;667-671	5
6239	J. Y. K. W. Chan, E. W. Y.Tsang, R. K.Holsinger, F. C.Tong, M. C. F.Chiu, P. W. Y.Ng, S. S. M., Early results of a safety and feasibility clinical trial of a novel single-port flexible robot for transoral robotic surgery. European Archives of Oto-Rhino-Laryngology. 2017;274;3993-3996	5
6240	E. S. Fomekong, S. E.Raftopoulos, C., Spine Navigation Based on 3-Dimensional Robotic Fluoroscopy for Accurate Percutaneous Pedicle Screw Placement: A Prospective Study of 66 Consecutive Cases. World Neurosurgery. 2017;108;76-83	2
6241	T. Y. Garg, A. J.Kost, K. A.Park, A. M.Danella, J. F.Kirchner, H. L., Patient-reported quality of life recovery curves after robotic prostatectomy are similar across body mass index categories. Investigative And Clinical Urology. 2017;58;331-338	5
6242	F. P. Schlottmann, M. G., Novel simulator for robotic surgery. Journal of Robotic Surgery. 2017;11;463-465	5

6243	R. K. S. Sayyid, W. G.Lu, C.Terris, M. K.Klaassen, Z.Madi, R., Retzius-Sparing Robotic-Assisted Laparoscopic Radical Prostatectomy: A Safe Surgical Technique with Superior Continence Outcomes. Journal of Endourology. 2017;31;1244-1250	3
6244	S. B. M. Williams, B. E.Huynh, L. M.Osann, K.Skarecky, D. W.Ahlering, T. E., Analysis of Accessory Pudendal Artery Transection on Erections During Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2017;31;1170-1175	3
6245	D. H. J. Dunn, E. M.Anderson, C. A.Krueger, J. L.DeFor, T. E.Morphew, J. A.Banerji, N., Operative and survival outcomes in a series of 100 consecutive cases of robot-assisted transhiatal esophagectomies. Diseases of the Esophagus. 2017;30;44568	5
6246	J. C. Y. Nie, A. Q.Liu, X. S., Robotic-Assisted Radical Hysterectomy Results in Better Surgical Outcomes Compared With the Traditional Laparoscopic Radical Hysterectomy for the Treatment of Cervical Cancer. International Journal of Gynecological Cancer. 2017;27;1990-1999	13
6247	I. S. Sorokin, V.Singla, N.Walker, J.Margulis, V.Roehrborn, C.Gahan, J. C., Robot-Assisted Versus Open Simple Prostatectomy for Benign Prostatic Hyperplasia in Large Glands: A Propensity Score-Matched Comparison of Perioperative and Short-Term Outcomes. Journal of Endourology. 2017;31;1164-1169	13
6248	L. T. Xia, B. L.Pulido, J. E.Mucksavage, P.Lee, D. I.Guzzo, T. J., Predischarge Predictors of Readmissions and Postdischarge Complications in Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2017;31;864-871	5
6249	Y. S. J. Khandwala, I. G.Han, D. H.Kim, J. H.Li, S.Wang, Y.Chang, S. L.Chung, B. I., Surgeon preference of surgical approach for partial nephrectomy in patients with baseline chronic kidney disease: a nationwide population-based analysis in the USA. International Urology & Nephrology. 2017;49;1921-1927	4
6250	D. S. Clayburgh, W.Bolognone, R.Palmer, A.Achim, V.Troob, S.Li, R.Brickman, D.Graville, D.Andersen, P.Gross, N. D., A randomized controlled trial of corticosteroids for pain after transoral robotic surgery. Laryngoscope. 2017;127;2558-2564	3
6251	I. W. Nassour, S. C.Porembka, M. R.Augustine, M. M.Yopp, A. C.Mansour, J. C.Minter, R. M.Choti, M. A.Polanco, P. M., Conversion of Minimally Invasive Distal Pancreatectomy: Predictors and Outcomes. Annals of Surgical Oncology. 2017;24;3725-3731	2
6252	A. C. K. Celio, K. R.Schwoerer, A.Pories, W. J.Spaniolas, K., Perioperative safety of laparoscopic versus robotic gastric bypass: a propensity matched analysis of early experience. Surgery for Obesity & Related Diseases. 2017;13;1847-1852	12
6253	G. C. Garas, I.Panzarasa, P.Darzi, A.Athanasiou, T., Network analysis of surgical innovation: Measuring value and the virality of diffusion in robotic surgery. PLoS ONE [Electronic Resource]. 2017;12;e0183332	5
6254	F. M. Zattoni, A.Cattaneo, F.Soligo, M.Meggiato, L.Modonutti, D.Valotto, C.Dal Moro, F.Zattoni, F., Development of a Surgical Safety Training Program and Checklist for Conversion during Robotic Partial Nephrectomies. Urology. 2017;109;38-43	5
6255	C. E. Buonpane, E.Hunsinger, M.Fluck, M.Shabahang, M.Wild, J.Halm, K.Long, K.Buzas, C.Blansfield, J., Predictors of Utilization and Quality Assessment in Robotic Rectal Cancer Resection: A Review of the National Cancer Database. American Surgeon. 2017;83;918-924	12
6256	I. W. Nassour, S. C.Porembka, M. R.Yopp, A. C.Choti, M. A.Augustine, M. M.Polanco, P. M.Mansour, J. C.Minter, R. M., Robotic Versus Laparoscopic Pancreaticoduodenectomy: a NSQIP Analysis. Journal of Gastrointestinal Surgery. 2017;21;1784-1792	12
6257	A. L. Hellerbach, K.Hoevels, M.Gierich, A.Rues, D.Baus, W. W.Kocher, M.Ruge, M. I.Treuer, H., Radiotoxicity in robotic radiosurgery: proposing a new quality index for optimizing the treatment planning of brain metastases. Radiation Oncology. 2017;12;136	5

6258	G. G. Dagnino, I.Morad, S.Gibbons, P.Tarassoli, P.Atkins, R.Dogramadzi, S., Image-Guided Surgical Robotic System for Percutaneous Reduction of Joint Fractures. Annals of Biomedical Engineering. 2017;45;2648-2662	2
6259	K. S. Leung, Z.Nussbaum, D. P.Adam, M. A.Worni, M.Blazer, D. G., 3rd, Minimally invasive gastrectomy for gastric cancer: A national perspective on oncologic outcomes and overall survival. Surgical Oncology. 2017;26;324-330	4
6260	V. G. Tahmasbi, M.Zolfaghari, M., Investigation, sensitivity analysis, and multi-objective optimization of effective parameters on temperature and force in robotic drilling cortical bone. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2017;231;1012-1024	2
6261	S. S. Harslof, A.Thomassen, N.Ravn, S.Laurberg, S.Iversen, L. H., Outcome one year after robot-assisted rectal cancer surgery: a consecutive cohort study. International Journal of Colorectal Disease. 2017;32;1749-1758	3
6262	B. V. C. Stone, M. R.Donin, N. M.Schulster, M.Wysock, J. S.Makarov, D. V.Bjurlin, M. A., Evaluation of Unplanned Hospital Readmissions After Major Urologic Inpatient Surgery in the Era of Accountable Care. Urology. 2017;109;94-100	2
6263	M. S. Sakon, Y.Okada, M.Seki, H.Munakata, Y., Laparoscopic inguinal hernioplasty after robot-assisted laparoscopic radical prostatectomy. Hernia. 2017;21;745-748	3
6264	S. A. P. Patel, A.Parvathaneni, U.Houlton, J. J.Karni, R. J.Liao, J. J.Futran, N. D.Mendez, E., Post-operative therapy following transoral robotic surgery for unknown primary cancers of the head and neck. Oral Oncology. 2017;72;150-156	3
6265	B. D. Ielpo, H.Diaz, E.Fabra, I.Caruso, R.Malave, L.Ferri, V.Nunez, J.Ruiz-Ocana, A.Jorge, E.Lazzaro, S.Kalivaci, D.Quijano, Y.Vicente, E., Robotic versus laparoscopic surgery for rectal cancer: a comparative study of clinical outcomes and costs. International Journal of Colorectal Disease. 2017;32;1423-1429	12
6266	B. E. C. M. Gurland, B.Paraiso, M. F. R.Hull, T.Zutshi, M., Should we offer ventral rectopexy to patients with recurrent external rectal prolapse?. International Journal of Colorectal Disease. 2017;32;1561-1567	2
6267	J. T. Z. Price, L. D.Koelper, N. C.Sammel, M. D.Lee, S.Butts, S. F., Social determinants of access to minimally invasive hysterectomy: reevaluating the relationship between race and route of hysterectomy for benign disease. American Journal of Obstetrics & Gynecology. 2017;217;572.e1-572.e10	2
6268	P. T. B. Dziegielewski, B. J.Old, M.Teknos, T. N.Agrawal, A.Patwa, H.Ozer, E., Transoral robotic surgery for tonsillar cancer: Addressing the contralateral tonsil. Head & Neck. 2017;39;2224-2231	3
6269	V. S. A. Chen, R.Gonzalez, C. M.Kutikov, A.Smaldone, M. C.Meropol, N. J.Psutka, S. P.Williams, S. B.O'Malley, R.Sedlacek, H. M.Kim, S. P., Association of race and margin status among patients undergoing robotic partial nephrectomy for T1 renal cell carcinoma: Results from a population-based cohort. Urologic Oncology. 2017;35;662.e17-662.e21	3
6270	M. S. Kofler, L.Reinstadler, S. J.Dumfarth, J.Kilo, J.Friedrich, G.Schachner, T.Grimm, M.Bonatti, J.Bonaros, N., Robotic Versus Conventional Coronary Artery Bypass Grafting: Direct Comparison of Long-Term Clinical Outcome. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;239-246	13
6271	B. A. S. Miller, A.Limbrick, D. D., Jr.Smyth, M. D., Applications of a robotic stereotactic arm for pediatric epilepsy and neurooncology surgery. Journal of Neurosurgery. Pediatrics.. 2017;20;364-370	2

6272	A. S. Martinschek, L.Ritter, M.Heinrich, E.Bolenz, C.Trojan, L., Prospective, Controlled Study of Invasiveness and Post-Aggression Metabolism in Patients Undergoing Robotic-Assisted Radical Prostatectomy. Urologia Internationalis. 2017;99;201-206	12
6273	M. F. Avila, J. R.Axtell, A. A.Lentz, S. E., Preoperative Vaginal Metronidazole Decreases the Risk of Pelvic Infections After Radical Robotic Hysterectomy. International Journal of Gynecological Cancer. 2017;27;1783-1787	3
6274	N. H. B. Azawi, K. D.Thamsborg, A. K. M.Dahl, C.Jepsen, J. V.Kroman-Andersen, B.Poulsen, J.Petersen, H. H.Henning Olsen, L.Jensen, J. B., Laparoscopic and robotic nephroureterectomy: does lymphadenectomy have an impact on the clinical outcome?. International Urology & Nephrology. 2017;49;1785-1792	3
6275	Z. E. B. Stiles, S. W.Glazer, E. S.Deneve, J. L.Dong, L.Wan, J. Y.Dickson, P. V., Predictors and implications of unplanned conversion during minimally invasive hepatectomy: an analysis of the ACS-NSQIP database. HPB. 2017;19;957-965	4
6276	B. S. Weksler, J. L., Survival After Esophagectomy: A Propensity-Matched Study of Different Surgical Approaches. Annals of Thoracic Surgery. 2017;104;1138-1146	13
6277	W. C. Bai, Q.Leng, C.Cao, Y.Fujie, M. G.Pan, T., A novel optimal coordinated control strategy for the updated robot system for single port surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	5
6278	S. G. Troob, B.Hodgson, M.Mowery, A.Gross, N. D.Andersen, P. E.Clayburgh, D., Transoral robotic retropharyngeal node dissection in oropharyngeal squamous cell carcinoma: Patterns of metastasis and functional outcomes. Head & Neck. 2017;39;1969-1975	3
6279	A. U. Lyapis, A.LaMonica, R.Kuo, C. L.Kaye, L.Luciano, D., Does the Difference in Fascial Closure Technique Affect Postoperative Pain?. Journal of Minimally Invasive Gynecology. 2017;24;1190-1194	3
6280	A. K. D. Ma, M.Qiu, J.Chan, H. H. L.Goldstein, D. P.Irish, J. C.de Almeida, J. R., Intraoperative image guidance in transoral robotic surgery: A pilot study. Head & Neck. 2017;39;1976-1983	2
6281	T. G. Tokas, A. S.Avgeris, M.Tschada, A.Fiedler, M.Klein, J.Rassweiler, J., Combining of ETHOS Operating Ergonomic Platform, Three-dimensional Laparoscopic Camera, and Radius Surgical System Manipulators Improves Ergonomy in Urologic Laparoscopy: Comparison with Conventional Laparoscopy and da Vinci in a Pelvi Trainer. European Urology Focus. 2017;3;413-420	2
6282	W. S. L. Tan, B. W.Tan, M. Y.Ahmad, I.Sridhar, A.Nathan, S.Hines, J.Shaw, G.Briggs, T. P.Kelly, J. D., In-depth Critical Analysis of Complications Following Robot-assisted Radical Cystectomy with Intracorporeal Urinary Diversion. European Urology Focus. 2017;3;273-279	3
6283	S. K. Gerlach, I.Ernst, F.Furweger, C.Schlaefer, A., Impact of robotic ultrasound image guidance on plan quality in SBRT of the prostate. British Journal of Radiology. 2017;90;20160926	2
6284	S. J. Albisinni, S.Quackels, T.De Coster, G.Dekuyper, P.Van Cleynenbreugel, B.Van Damme, N.Van Eycken, E.Ameye, F.Roumeguere, T.Be, Ralp Registry, Current trends in patient enrollment for robotic-assisted laparoscopic prostatectomy in Belgium. Cancer. 2017;123;4139-4146	2
6285	M. S. Diana, L.Agnus, V.D'Urso, A.Vix, M.Dallemagne, B.Faucher, V.Roy, C.Mutter, D.Marescaux, J.Pessaux, P., Prospective Evaluation of Precision Multimodal Gallbladder Surgery Navigation: Virtual Reality, Near-infrared Fluorescence, and X-ray-based Intraoperative Cholangiography. Annals of Surgery. 2017;266;890-897	3

6286	D. L. Horovitz, X.Feng, C.Messing, E. M.Joseph, J. V., Rate of Symptomatic Lymphocele Formation After Extraperitoneal vs Transperitoneal Robot-Assisted Radical Prostatectomy and Bilateral Pelvic Lymphadenectomy. Journal of Endourology. 2017;31;1037-1043	3
6287	S. C. Y. Hung, C. K.Cheng, C. L.Ou, Y. C., Long-term Oncologic Outcomes of Robotic-assisted Radical Prostatectomy by a Single Surgeon. Anticancer Research. 2017;37;4157-4164	3
6288	R. S. Ambrus, L. B.Secher, N. H.Goetze, J. P.Runitz, K.Achiam, M. P., Severe Postoperative Complications may be Related to Mesenteric Traction Syndrome during Open Esophagectomy. Scandinavian Journal of Surgery: SJS. 2017;106;241-248	13
6289	Z. W. Lee, B. T.Cho, E. Y.Liu, J. C.Metro, M. J.Eun, D. D., Robotic Ureteroplasty with Buccal Mucosa Graft for the Management of Complex Ureteral Strictures. Journal of Urology. 2017;198;1430-1435	3
6290	Q. L. Zhu, B.Wang, X.Sun, X.Wang, L., Minimally invasive treatment of displaced femoral shaft fractures with a teleoperated robot-assisted surgical system. Injury. 2017;48;2253-2259	3
6291	M. Z. Lefranc, Y.Tir, M.Merle, P.Ouendo, M.Constans, J. M.Godefroy, O.Peltier, J.Krystkowiak, P., Asleep Robot-Assisted Surgery for the Implantation of Subthalamic Electrodes Provides the Same Clinical Improvement and Therapeutic Window as Awake Surgery. World Neurosurgery. 2017;106;602-608	3
6292	M. W. R. Ball, A. E.Ghabili, K.Kim, C.Jun, C.Petrisor, D.Pan, L.Epstein, J. I.Macura, K. J.Stoianovici, D. S.Allaf, M. E., Safety and Feasibility of Direct Magnetic Resonance Imaging-guided Transperineal Prostate Biopsy Using a Novel Magnetic Resonance Imaging-safe Robotic Device. Urology. 2017;109;216-221	2
6293	N. M. A. Bandari, R.Hooshiar, A.Dargahi, J.Packirisamy, M., Hybrid piezoresistive-optical tactile sensor for simultaneous measurement of tissue stiffness and detection of tissue discontinuity in robot-assisted minimally invasive surgery. Journal of Biomedical Optics. 2017;22;77002	2
6294	V. B. L. Hyldgard, K. R.Poulsen, J.Sogaard, R., Robot-assisted surgery in a broader healthcare perspective: a difference-in-difference-based cost analysis of a national prostatectomy cohort. BMJ Open. 2017;7;e015580	4
6295	N. D. T. Fossati, E.Gandaglia, G.Dell'Oglio, P.Umari, P.Buffi, N. M.Guazzoni, G.Mottrie, A.Gaboardi, F.Montorsi, F.Briganti, A.Suardi, N., Assessing the Impact of Surgeon Experience on Urinary Continence Recovery After Robot-Assisted Radical Prostatectomy: Results of Four High-Volume Surgeons. Journal of Endourology. 2017;31;872-877	3
6296	S. J. G. Estes, D.Winder, J. S.Juza, R. M.Lyn-Sue, J. R., Best Practices for Robotic Surgery Programs. Journal of the Society of Laparoendoscopic Surgeons. 2017;21;Apr-Jun	3
6297	J. K. Colvin, V.Jin, J.Shin, J.Siperstein, A.Berber, E., A Comparison of Robotic Versus Laparoscopic Adrenalectomy in Patients With Primary Hyperaldosteronism. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2017;27;391-393	13
6298	M. C. B. Stott, J.Sebastien, D.Hammill, C.Subar, D. A., Is the Use of a Robotic Camera Holder Economically Viable? A Cost Comparison of Surgical Assistant Versus the Use of a Robotic Camera Holder in Laparoscopic Liver Resections. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2017;27;375-378	2
6299	R. B. V. Corradi, E. A.Nguyen, D. P.Vilaseca, A.Sjoberg, D. D.Benfante, N.Nogueira, L. N.Spaliviero, M.Touijer, K. A.Russo, P.Coleman, J. A., Nephrometry scores and perioperative outcomes following robotic partial nephrectomy. International Braz J Urol. 2017;43;1075-1083	3

6300	L. M. V. Burttet, G. A.Berger, A. K.Cavazzola, L. T.Berger, M.Silva, B. Neto, Prospective evaluation of vesicourethral anastomosis outcomes in robotic radical prostatectomy during early experience in a university hospital. International Braz J Urol. 2017;43;1176-1184	3
6301	Y. S. Saito, K.Chiu, P. W., Robot assisted tumor resection devices. Expert Review of Medical Devices. 2017;14;657-662	5
6302	S. J. P. Jin, J. Y.Kim, D. H.Yoon, S. H.Kim, E.Hwang, J. H.Song, C.Kim, Y. K., Comparison of postoperative pain between laparoscopic and robot-assisted partial nephrectomies for renal tumors: A propensity score matching analysis. Medicine. 2017;96;e7581	13
6303	Y. M. J. Park, C. M.Cha, D.Kim, D. H.Kim, H. R.Keum, K. C.Cho, N. H.Kim, S. H., A New Clinical Trial of Neoadjuvant Chemotherapy Combined With Transoral Robotic Surgery and Customized Adjuvant Therapy for Patients With T3 or T4 Oropharyngeal Cancer. Annals of Surgical Oncology. 2017;24;3424-3429	3
6304	J. D. Bellec, N.Jouyaux, F.Perdrieux, M.Bouvier, J.Sorel, S.Henry, O.Lafond, C., Plan delivery quality assurance for CyberKnife: Statistical process control analysis of 350 film-based patient-specific QAs. Physica Medica. 2017;39;50-58	5
6305	C. R. D. Reynolds, J. C.Paulucci, D. J.Weinstein, C.Badani, K.Eun, D.Abaza, R.Porter, J.Bhandari, A.Hemal, A. K., Comparison of perioperative and functional outcomes of robotic partial nephrectomy for cT1a vs cT1b renal masses. BJU International. 2017;120;842-847	3
6306	S. F. Tauscher, A.Baier, F.Kahrs, L. A.Ortmaier, T., High-accuracy drilling with an image guided light weight robot: autonomous versus intuitive feed control. International Journal of Computer Assisted Radiology & Surgery. 2017;12;1763-1773	2
6307	H. W. Cheung, Y.Chang, S. L.Khandwala, Y.Del Giudice, F.Chung, B. I., Adoption of Robot-Assisted Partial Nephrectomies: A Population-Based Analysis of U.S. Surgeons from 2004 to 2013. Journal of Endourology. 2017;31;886-892	5
6308	Y. F. Yamada, T.Fukuhara, H.Sugihara, T.Miyazaki, H.Nakagawa, T.Kume, H.Igawa, Y.Homma, Y., Overactive bladder is a negative predictor of achieving continence after robot-assisted radical prostatectomy. International Journal of Urology. 2017;24;749-756	3
6309	R. M. H. Simon, L. E.Moreira, D. M.Terris, M. K.Kane, C. J.Aronson, W. J.Amling, C. L.Cooperberg, M. R.Freedland, S. J., Predictors of operative time during radical retropubic prostatectomy and robot-assisted laparoscopic prostatectomy. International Journal of Urology. 2017;24;618-623	12
6310	A. C. Khlopas, M.Hampp, E. L.Scholl, L. Y.Prieto, M.Chang, T. C.Abbasi, A.Bhowmik-Stoker, M.Otto, J.Jacofsky, D. J.Mont, M. A., Robotic-Arm Assisted Total Knee Arthroplasty Demonstrated Soft Tissue Protection. Surgical Technology International. 2017;30;441-446	7
6311	J. A. S.-M. Sanchez-Margallo, F. M., Initial experience using a robotic-driven laparoscopic needle holder with ergonomic handle: assessment of surgeons' task performance and ergonomics. International Journal of Computer Assisted Radiology & Surgery. 2017;12;2069-2077	2
6312	A. R. Parisi, F.Gemini, A.Trastulli, S.Cirocchi, R.Palazzini, G.D'Andrea, V.Desiderio, J., New totally intracorporeal reconstructive approach after robotic total gastrectomy: Technical details and short-term outcomes. World Journal of Gastroenterology. 2017;23;4293-4302	3
6313	L. M. Gu, X.Gao, Y.Li, H.Li, X.Chen, L.Wang, B.Xie, Y.Fan, Y.Zhang, X., Robotic versus Open Level I-II Inferior Vena Cava Thrombectomy: A Matched Group Comparative Analysis. Journal of Urology. 2017;198;1241-1246	12
6314	M. K. Tomida, T.Suzuki, J.Ohashi, Y.Itoh, Y.Oguchi, H.Okuda, T., Clinical usefulness of MLCs in robotic radiosurgery systems for prostate SBRT. Journal of Applied Clinical Medical Physics. 2017;18;124-133	2

6315	J. J. O. Schmitt, J. A.Weaver, A. L.McGree, M. E.Gebhart, J. B., Vaginal versus Robotic Hysterectomy for Commonly Cited Relative Contraindications to Vaginal Hysterectomy. Journal of Minimally Invasive Gynecology. 2017;24;1158-1169	13
6316	J. O. C. Russell, J.Noureldine, S. I.Anuwong, A.Al Khadem, M. G.Yub Kim, H.Dhillon, V. K.Dionigi, G.Tufano, R. P.Richmon, J. D., Transoral thyroidectomy and parathyroidectomy - A North American series of robotic and endoscopic transoral approaches to the central neck. Oral Oncology. 2017;71;75-80	2
6317	Y. M. J. Park, C. M.Cha, D.Kim, S. H., The long-term oncological and functional outcomes of transoral robotic surgery in patients with hypopharyngeal cancer. Oral Oncology. 2017;71;138-143	3
6318	M. W. Nishikawa, H.Kurahashi, T., Impact of metabolic syndrome on early recovery of continence after robot-assisted radical prostatectomy. International Journal of Urology. 2017;24;692-697	3
6319	A. M. C. Al-Mazrou, C.Kiran, R. P., The robotic approach significantly reduces length of stay after colectomy: a propensity score-matched analysis. International Journal of Colorectal Disease. 2017;32;1415-1421	12
6320	E. N. Mahmud, J.Ang, L.Harrison, J.Behnamfar, O.Pourdjabbar, A.Reeves, R.Patel, M., Demonstration of the Safety and Feasibility of Robotically Assisted Percutaneous Coronary Intervention in Complex Coronary Lesions: Results of the CORA-PCI Study (Complex Robotically Assisted Percutaneous Coronary Intervention). Jacc: Cardiovascular Interventions. 2017;10;1320-1327	12
6321	A. Y. Simsek, A. H.Colakoglu, Y.Atar, A.Sahin, S.Tugcu, V., Comparison of robotic and laparoscopic partial nephrectomy for small renal tumours. Archivio Italiano di Urologia, Andrologia. 2017;89;93-96	13
6322	P. S. N. Kingo, R.Borre, M.Jensen, J. B., Postoperative C-reactive protein concentration and clinical outcome: comparison of open cystectomy to robot-assisted laparoscopic cystectomy with extracorporeal or intracorporeal urinary diversion in a prospective study. Scandinavian Journal of Urology. 2017;51;381-387	13
6323	E. R. Martorana, B.Kaleci, S.Pirola, G. M.Bevilacqua, L.Bonetti, L. R.Puliatti, S.Micali, S.Bianchi, G., Does topical hemostatic agent (Floseal^R) have a long-term adverse effect on erectile function recovery after nerve-sparing robot-assisted radical prostatectomy?. International Urology & Nephrology. 2017;49;1519-1526	3
6324	M. J. K. Maurice, J. H., Robotic radical perineal cystectomy and extended pelvic lymphadenectomy: initial investigation using a purpose-built single-port robotic system. BJU International. 2017;120;881-884	7
6325	S. N. La Falce, G.Gandaglia, G.Umari, P.De Naeyer, G.D'Hondt, F.Beresian, J.Carette, R.Penicka, M.Mo, Y.Vandenbroucke, G.Mottrie, A., Low Pressure Robot-assisted Radical Prostatectomy With the AirSeal System at OLV Hospital: Results From a Prospective Study. Clinical Genitourinary Cancer. 2017;15;e1029-e1037	3
6326	P. P. Skjold Kingo, J.Norregaard, R.Borre, M.Jensen, J. B., Perioperative Systemic Inflammatory Response following Robot-Assisted Laparoscopic Cystectomy vs. Open Mini-Laparotomy Cystectomy: A Prospective Study. Urologia Internationalis. 2017;99;436-445	13
6327	K. G. T. Baldea, R.Bajic, P.Quek, M. L.Gupta, G. N., Design and Implementation of a Robotic Surgery Training Experience Logging System. Journal of Surgical Education. 2017;74;1047-1051	2
6328	D. A. K. Benamran, J.Hadaya, K.Wirth, G. J.Martin, P. Y.Iselin, C. E., Post-kidney Transplant Robot-assisted Laparoscopic Ureteral (Donor-receiver) Anastomosis for Kidney Graft Reflux or Stricture Disease. Urology. 2017;108;96-101	13

6329	A. S. Cestari, D.Zanni, G.Zambon, A.Zanoni, M.Sangalli, M.Ghezzi, M.Fabbri, F.Sozzi, F.Dell'Acqua, V.Rigatti, P., Intraoperative Retrograde Perfusion Sphincterometry to Evaluate Efficacy of Autologous Vas Deferens 6-Branch Suburethral Sling to Properly Restore Sphincteric Apparatus During Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2017;31;878-885	3
6330	B. M. Zeng, F.Ding, H.Wang, G., A surgical robot with augmented reality visualization for stereoelectroencephalography electrode implantation. International Journal of Computer Assisted Radiology & Surgery. 2017;12;1355-1368	2
6331	S. G. Dehem, M.Lejeune, T.Detrembleur, C.Galinski, D.Sapin, J.Vanderwegen, M.Stoquart, G., Assessment of upper limb spasticity in stroke patients using the robotic device REAplan. Journal of Rehabilitation Medicine. 2017;49;565-571	2
6332	M. Amaral, J. R.Volpe, P.Oliveira, F. M. M.Domene, C. E.Roll, S.Cavazzola, L. T., Robotic Transversus Abdominis Release (TAR): is it possible to offer minimally invasive surgery for abdominal wall complex defects?. Revista do Colegio Brasileiro de Cirurgioes. 2017;44;216-219	2
6333	A. M. G. Bur, E. D.Newman, J. G.Weinstein, G. S.O'Malley, B. W., Jr.Rassekh, C. H.Kuchenbecker, K. J., Evaluation of high-fidelity simulation as a training tool in transoral robotic surgery. Laryngoscope. 2017;127;2790-2795	2
6334	A. Z. Marcovigi, F.Sandoni, D.Rivi, E.Catani, F., Robotic-arm assisted partial knee arthroplasty: a single centre experience. Acta Bio-Medica de l Ateneo Parmense. 2017;88;54-59	3
6335	M. R. L. Lee, G. l., Does a robotic surgery approach offer optimal ergonomics to gynecologic surgeons?: a comprehensive ergonomics survey study in gynecologic robotic surgery. Journal of Gynecologic Oncology. 2017;28;e70	2
6336	H. J. Dou, S.Yang, Z.Sun, L.Ma, X.Huo, B., Design and validation of a CT-guided robotic system for lung cancer brachytherapy. Medical Physics. 2017;44;4828-4837	2
6337	S. P. H. Stroup, Z. A.Marshall, M. T.Lee, H. J.Berquist, S. W.Hassan, A. S.Beksac, A. T.Field, C. A.Bloch, A.Wan, F.McDonald, M. L.Patel, N. D.L'Esperance, J. O.Derweesh, I. H., Comparison of retroperitoneal and transperitoneal robotic partial nephrectomy for Pentafecta perioperative and renal functional outcomes. World Journal of Urology. 2017;35;1721-1728	3
6338	K. K. Attalla, M.Waingankar, N.Mehrazin, R., Robotic-assisted radical cystectomy versus open radical cystectomy for management of bladder cancer: review of literature and randomized trials. Future Oncology. 2017;13;1195-1204	5
6339	M. K. Widmar, M.Strombom, P.Beltran, P.Chow, O. S.Smith, J. J.Nash, G. M.Shia, J.Russell, D.Garcia-Aguilar, J., Lymph node yield in right colectomy for cancer: a comparison of open, laparoscopic and robotic approaches. Colorectal Disease. 2017;19;888-894	12
6340	C. J. A. Dru, J. T.Souders, C. P.Bresee, C.Weigl, M.Hallett, E.Catchpole, K., Surgical flow disruptions during robotic-assisted radical prostatectomy. Canadian Journal of Urology. 2017;24;8814-8821	3
6341	M. L. Kim, C.Hong, N.Kim, Y. J.Kim, S., Development of stereo endoscope system with its innovative master interface for continuous surgical operation. Biomedical Engineering Online. 2017;16;81	2

6342	A. D. Bolzoni Villaret, F.Carobbio, A.Schreiber, A.Panni, C.Piantoni, E.Guida, G.Fontanella, M. M.Nicolai, P.Cassinis, R., Robotic Transnasal Endoscopic Skull Base Surgery: Systematic Review of the Literature and Report of a Novel Prototype for a Hybrid System (Brescia Endoscope Assistant Robotic Holder). World Neurosurgery. 2017;105;875-883	5
6343	M. N. Yashi, A.Tokura, Y.Takei, K.Suzuki, I.Sakamoto, K.Yuki, H.Kambara, T.Betsunoh, H.Abe, H.Fukabori, Y.Nakazato, Y.Kaji, Y.Kamai, T., Performance characteristics of prostate-specific antigen density and biopsy core details to predict oncological outcome in patients with intermediate to high-risk prostate cancer underwent robot-assisted radical prostatectomy. BMC Urology. 2017;17;47	3
6344	J. C. Ahmed, H.Panteleimonitis, S.Khan, J.Parvaiz, A., Robotic vs laparoscopic rectal surgery in high-risk patients. Colorectal Disease. 2017;19;1092-1099	12
6345	J. H. M. Marks, E. A.Zeger, E. L.Denittis, A. S.Gummadi, M.Marks, G. J., Long-term outcomes by a transanal approach to total mesorectal excision for rectal cancer. Surgical Endoscopy. 2017;31;5248-5257	2
6346	P. T. Magistri, G.Guidetti, C.Assirati, G.Olivieri, T.Ballarin, R.Coratti, A.Di Benedetto, F., Laparoscopic versus robotic surgery for hepatocellular carcinoma: the first 46 consecutive cases. Journal of Surgical Research. 2017;217;92-99	12
6347	W. F. Tian, M. X.Liu, Y. J., Robot-assisted Percutaneous Pedicle Screw Placement Using Three-Dimensional Fluoroscopy: A Preliminary Clinical Study. Chinese Medical Journal. 2017;130;1617-1618	5
6348	M. W. E. T. Zhang, M. M.Borofsky, M. S.Dauw, C. A.Wagner, K. R.Lowry, P. S.Bird, E. T.Hudson, T. C.Lingeman, J. E., Comparison of Perioperative Outcomes Between Holmium Laser Enucleation of the Prostate and Robot-Assisted Simple Prostatectomy. Journal of Endourology. 2017;31;847-850	3
6349	S. H. Sen, K.Hewitt, Z.Susilo, E.Kobayashi, E.Sakuma, I., Concept design of robotic modules for needlescopic surgery. Minimally Invasive Therapy & Allied Technologies: Mitat. 2017;26;232-239	5
6350	A. K. Della Marina, H.Mullers, M.Kaiser, O.Ismail, M.Swierzy, M.Rueckert, J. C.Schara, U., Outcome after Robotic-Assisted Thymectomy in Children and Adolescents with Acetylcholine Receptor Antibody-Positive Juvenile Myasthenia Gravis. Neuropediatrics. 2017;48;315-322	3
6351	J. H. T. Lee, E.Woo, Y.Ali, G.Son, T.Kim, H. I.Hyung, W. J., Advanced real-time multi-display educational system (ARMES): An innovative real-time audiovisual mentoring tool for complex robotic surgery. Journal of Surgical Oncology. 2017;116;894-897	2
6352	R. L. Liu, Q.Zhao, Z. M.Tan, X. L.Gao, Y. X.Zhao, G. D., Robotic versus laparoscopic distal pancreatectomy: A propensity score-matched study. Journal of Surgical Oncology. 2017;116;461-469	12
6353	F. T. Y. Kayhan, A. P.Koc, A. K.Kaya, K. H.Erdim, I., Treatment of tongue base masses in children by transoral robotic surgery. European Archives of Oto-Rhino-Laryngology. 2017;274;3457-3463	3
6354	Y. B. S. Ji, C. M.Bang, H. S.Park, H. J.Lee, J. Y.Tae, K., Functional and cosmetic outcomes of robot-assisted neck dissection by a postauricular facelift approach for head and neck cancer. Oral Oncology. 2017;70;51-57	12
6355	J. T. Gleysteen, S.Light, T.Brickman, D.Clayburgh, D.Andersen, P.Gross, N., The impact of prophylactic external carotid artery ligation on postoperative bleeding after transoral robotic surgery (TORS) for oropharyngeal squamous cell carcinoma. Oral Oncology. 2017;70;44567	3

6356	S. H. K. Kong, T. H.Huh, Y. J.Oh, S. Y.Ahn, H. S.Park, S. Y.Choi, Y. S.Suh, Y. S.Lee, H. J.Yang, H. K., A Feasibility Study and Technical Tips for the Use of an Articulating Bipolar Vessel Sealer in da Vinci Robot-Assisted Gastrectomy. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;1172-1179	3
6357	G. K. Krishnan, S., Transoral Robotic Surgery Total Laryngectomy: Evaluation of Functional and Survival Outcomes in a Retrospective Case Series at a Single Institution. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties. 2017;79;191-201	3
6358	C. A. H. Liu, K. H.Chen, M. H.Lo, S. S.Li, A. F.Wu, C. W.Shyr, Y. M.Fang, W. L., Comparison of the surgical outcomes of minimally invasive and open surgery for octogenarian and older compared to younger gastric cancer patients: a retrospective cohort study. BMC Surgery. 2017;17;68	4
6359	L. K. K. Clinton, J.Carney, M. E.Tauchi-Nishi, P.Terada, K.Shimizu, D., Low-Volume Lymph Node Metastases in Endometrial Carcinoma. International Journal of Gynecological Cancer. 2017;27;1165-1170	2
6360	J. H. M. Mehaffey, A. D.Mullen, M. G.Yount, K. W.Meneveau, M. O.Smith, P. W.Friel, C. M.Schirmer, B. D., Adoption of robotics in a general surgery residency program: at what cost?. Journal of Surgical Research. 2017;213;269-273	4
6361	M. A. Efanov, R.Tsvirkun, V.Kazakov, I.Melekhina, O.Kim, P.Vankovich, A.Grendal, K.Berelavichus, S.Khatkov, I., Comparative analysis of learning curve in complex robot-assisted and laparoscopic liver resection. HPB. 2017;19;818-824	4
6362	L. A. S. Moukarzel, A. K.Fader, A. N.Tanner, E. J., Comparing Single-Site and Multiport Robotic Hysterectomy with Sentinel Lymph Node Mapping for Endometrial Cancer: Surgical Outcomes and Cost Analysis. Journal of Minimally Invasive Gynecology. 2017;24;977-983	3
6363	T. L. Leroy, T.Bogart, E.Nickers, P.Lartigau, E.Pasquier, D., Salvage robotic SBRT for local prostate cancer recurrence after radiotherapy: preliminary results of the Oscar Lambret Center. Radiation Oncology. 2017;12;95	2
6364	K. W. W. Eichhorn, R.Rilk, M.Last, C.Bootz, F.Wahl, F.Jakob, M.Send, T., Robot-assisted endoscope guidance versus manual endoscope guidance in functional endonasal sinus surgery (FESS). Acta Oto-Laryngologica. 2017;137;1090-1095	7
6365	J. C. van der Merwe, F.Beelen, R.Van Praet, F., Total Percutaneous Cardiopulmonary Bypass for Robotic and Endoscopic Atrioventricular Valve Surgery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;296-299	3
6366	B. L. Lee, S. Y.Kim, N. Y.Rha, K. H.Choi, Y. D.Park, S.Kim, S. Y., Effect of ulinastatin on postoperative renal function in patients undergoing robot-assisted laparoscopic partial nephrectomy: a randomized trial. Surgical Endoscopy. 2017;31;3728-3736	3
6367	J. O. F. Fridriksson, Y.Lundstrom, K. J.Robinson, D.Carlsson, S.Stattin, P., Long-term adverse effects after retropubic and robot-assisted radical prostatectomy. Nationwide, population-based study. Journal of Surgical Oncology. 2017;116;500-506	12
6368	K. L. C. Yung, J. L. K.Chung, S. W.Singh, S.Yeung, C. K., A Single-Port Robotic Platform for Laparoscopic Surgery with a Large Central Channel for Additional Instrument. Annals of Biomedical Engineering. 2017;45;2211-2221	2
6369	H. C. Abdel-Aziz, E. A., Scarless Inguinal Herniorrhaphy. Journal of the Society of Laparoendoscopic Surgeons. 2017;21;Apr-Jun	2
6370	A. L. R. Feng, C. R.Lakshminarayanan, P.Ashai, Z.Olds, K.Balicki, M.Gooi, Z.Day, A. T.Taylor, R. H.Richmon, J. D., The robotic ENT microsurgery system: A novel robotic platform for microvascular surgery. Laryngoscope. 2017;127;2495-2500	7

6371	D. B. P. Comber, E. B.Gilbert, H. B.Powelson, M. W.Matijevich, E.Neimat, J. S.Webster, R. J., 3rdBarth, E. J., Optimization of Curvilinear Needle Trajectories for Transforamenal Hippocampotomy. Operative Neurosurgery. 2017;13;15-22	2
6372	M. G. Marsico, T.Lunardi, S.Galli, A.Biagini, M. R.Annese, V., Percutaneous ultrasound-guided fiducial marker placement for liver cancer robotic stereotactic radio-surgery treatment: A comparative analysis of three types of markers and needles. Arab Journal of Gastroenterology. 2017;18;83-86	2
6373	M. A. N. Gaudiani, B. U.Baviskar, J. V.Sharma, M.Ranawat, A. S., Optimization of sagittal and coronal planes with robotic-assisted unicompartmental knee arthroplasty. Knee. 2017;24;837-843	3
6374	V. Z. Tam, M.Novak, S.Chen, Y.Zureikat, A. H.Zeh, H. J., 3rdHogg, M. E., Robotic Pancreatoduodenectomy Biotissue Curriculum has Validity and Improves Technical Performance for Surgical Oncology Fellows. Journal of Surgical Education. 2017;74;1057-1065	5
6375	L. C. Chenin, C.Fichten, A.Peltier, J.Lefranc, M., Evaluation of Screw Placement Accuracy in Circumferential Lumbar Arthrodesis Using Robotic Assistance and Intraoperative Flat-Panel Computed Tomography. World Neurosurgery. 2017;105;86-94	2
6376	E. H. Vella, Z.Yarbrough, D. E.McQuitty, E., Bile reflux of the remnant stomach following Roux-en-Y gastric bypass: an etiology of chronic abdominal pain treated with remnant gastrectomy. Surgery for Obesity & Related Diseases. 2017;13;1278-1283	2
6377	D. A. Xourafas, S. W.Clancy, T. E., Comparison of Perioperative Outcomes between Open, Laparoscopic, and Robotic Distal Pancreatectomy: an Analysis of 1815 Patients from the ACS-NSQIP Procedure-Targeted Pancreatectomy Database. Journal of Gastrointestinal Surgery. 2017;21;1442-1452	12
6378	M. M. Kubik, R.Albergotti, W.Duvvuri, U.Ferris, R. L.Kim, S., Effect of transcervical arterial ligation on the severity of postoperative hemorrhage after transoral robotic surgery. Head & Neck. 2017;39;1510-1515	3
6379	P. M. A. Spanheimer, J. G.Fu, S.Liao, J.Regenbogen, S. E.Byrn, J. C., Robotic proctectomy for rectal cancer: analysis of 71 patients from a single institution. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6380	M. H. Schootman, S.Loux, T.Ratnapradipa, K.Eberth, J. M.Davidson, N. O., Differences in Effectiveness and Use of Robotic Surgery in Patients Undergoing Minimally Invasive Colectomy. Journal of Gastrointestinal Surgery. 2017;21;1296-1303	12
6381	H. Y. S. Yang, J. K.Shin, Y. J.Lim, H. A.Song, E. K., Robotic Total Knee Arthroplasty with a Cruciate-Retaining Implant: A 10-Year Follow-up Study. Clinics in Orthopedic Surgery. 2017;9;169-176	12
6382	J. H. S. Lee, Y. J.Song, R. Y.Yi, J. W.Yu, H. W.Kwon, H.Choi, J. Y.Lee, K. E., Preoperative flap-site injection with ropivacaine and epinephrine in BABA robotic and endoscopic thyroidectomy safely reduces postoperative pain: A CONSORT-compliant double-blinded randomized controlled study (PAIN-BREKOR trial). Medicine. 2017;96;e6896	2
6383	R. A. De Mello, Gastric Cancer in Southern Europe: High-Risk Disease. American Society of Clinical Oncology Educational Book. 2017;37;261-266	2
6384	D. O. Kamali, K.Imam, S. Z.Jha, A.Reddy, A.Jha, M., Patient quality of life and short-term surgical outcomes between robotic and laparoscopic anterior resection for adenocarcinoma of the rectum. Techniques in Coloproctology. 2017;21;355-361	1
6385	S. G. Dabas, K.Ranjan, R.Sharma, A. K.Shukla, H.Dinesh, A., Oncological outcome following de-intensification of treatment for stage I and II HPV negative oropharyngeal cancers with transoral robotic surgery (TORS): A prospective trial. Oral Oncology. 2017;69;80-83	3

6386	P. K. B. Modi, M.Kim, S.Singer, E. A.Parikh, R. R., Utilization of Pelvic Lymph Node Dissection for Patients With Low-Risk Prostate Cancer Treated With Robot-Assisted Radical Prostatectomy. Clinical Genitourinary Cancer. 2017;15;e1001-e1006	3
6387	M. G. G. Goldenberg, L.Grantcharov, T. P., Surgeon Performance Predicts Early Continence After Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2017;31;858-863	3
6388	F. Z. Dal Moro, F., P.L.E.A.T.-Preventing Lymphocele Ensuring Absorption Transperitoneally: A Robotic Technique. Urology. 2017;110;244-247	3
6389	J. C. H. Hu, S. C.Ou, Y. C., Assessments of Neoadjuvant Hormone Therapy Followed by Robotic-Assisted Radical Prostatectomy for Intermediate- and High-Risk Prostate Cancer. Anticancer Research. 2017;37;3143-3150	3
6390	I. B. Nunes-Silva, E.Srougi, V.Baghdadi, M.Capogrosso, P.Garcia-Barreras, S.Kanso, S.Tourinho-Barbosa, R.Carneiro, A.Sanchez-Salas, R.Rozet, F.Galiano, M.Cathelineau, X., Effect of Prior Focal Therapy on Perioperative, Oncologic and Functional Outcomes of Salvage Robotic Assisted Radical Prostatectomy. Journal of Urology. 2017;198;1069-1076	3
6391	A. T. Siriwardana, J.van Leeuwen, P. J.Doig, S.Kalsbeek, A.Emmett, L.Delprado, W.Wong, D.Samaratunga, H.Haynes, A. M.Coughlin, G.Stricker, P., Initial multicentre experience of ⁶⁸ gallium-PSMA PET/CT guided robot-assisted salvage lymphadenectomy: acceptable safety profile but oncological benefit appears limited. BJU International. 2017;120;673-681	3
6392	R. C. L. Kirks, P. D.Fruscione, M.Cochran, A.Baker, E. H.Iannitti, D. A.Vrochides, D.Martinie, J. B., Robotic longitudinal pancreaticojejunostomy for chronic pancreatitis: Comparison of clinical outcomes and cost to the open approach. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	12
6393	N. C. Ahmadi, T. G.Miranda, G.Cai, J.Aron, M.Desai, M. M.Gill, I. S., Impact of body mass index on robot-assisted radical cystectomy with intracorporeal urinary diversion. BJU International. 2017;120;689-694	3
6394	G. S. Hatiboglu, T.Uhlmann, L.Bergero, M. A.Macher-Goeppinger, S.Pahernik, S.Hadaschik, B.Hohenfellner, M.Teber, D., A prospective randomized controlled trial for assessment of perineal hydrodissection technique for nervesparing robot assisted radical prostatectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6395	M. S. Kofler, T.Reinstadler, S. J.Stastny, L.Dumfarth, J.Wiedemann, D.Feuchtner, G.Friedrich, G.Bonatti, J.Bonaros, N., Comparative Analysis of Perioperative and Mid-Term Results of TECAB and MIDCAB for Revascularization of Anterior Wall. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;207-213	2
6396	H. L. Gonde, M.Gillibert, A.Sarsam, O. M.Varin, R.Grimandi, G.Peillon, C.Baste, J. M., The affordability of minimally invasive procedures in major lung resection: a prospective study. Interactive Cardiovascular & Thoracic Surgery. 2017;25;469-475	13
6397	J. A. N. o. Dias, M. F.Colombo, J. R., Jr.Coelho, R. F.Nahas, W. C., The influence of previous robotic experience in the initial learning curve of laparoscopic radical prostatectomy. International Braz J Urol. 2017;43;871-879	4
6398	R. L. N. Illgen, B. R.Abiola, R.Anderson, P.Chughtai, M.Khlopas, A.Mont, M. A., Robotic-Assisted Total Hip Arthroplasty: Outcomes at Minimum Two-Year Follow-Up. Surgical Technology International. 2017;30;365-372	12

6399	Y. S. J. Khandwala, I. G.Kim, J. H.Han, D. H.Li, S.Wang, Y.Chang, S. L.Chung, B. I., The Impact of Surgeon Volume on Perioperative Outcomes and Cost for Patients Receiving Robotic Partial Nephrectomy. Journal of Endourology. 2017;31;851-857	3
6400	T. K. Takagi, T.Tachibana, H.Iizuka, J.Omae, K.Yoshida, K.Kobayashi, H.Okumi, M.Ishida, H.Tanabe, K., Comparison of Surgical Outcomes Between Resection and Enucleation in Robot-Assisted Laparoscopic Partial Nephrectomy for Renal Tumors According to the Surface-Intermediate-Base Margin Score: A Propensity Score-Matched Study. Journal of Endourology. 2017;31;756-761	3
6401	J. F. P. Rodriguez, V. T.Boysen, W. R.Johnson, S. C.Smith, Z. L.Smith, N. D.Shalhav, A. L.Steinberg, G. D., Utilization and Outcomes of Nephroureterectomy for Upper Tract Urothelial Carcinoma by Surgical Approach. Journal of Endourology. 2017;31;661-665	13
6402	H. W. Tian, C.Dang, X.Sun, L., A 6-DOF parallel bone-grinding robot for cervical disc replacement surgery. Medical & Biological Engineering & Computing. 2017;55;2107-2121	2
6403	T. C. Bourcier, J.Becmeur, P. H.Sauer, A.Gaucher, D.Liverneaux, P.Marescaux, J.Mutter, D., Robot-assisted simulated cataract surgery. Journal of Cataract & Refractive Surgery. 2017;43;552-557	3
6404	G. M. Cammaroto, F.D'Agostino, G.Zeccardo, E.Bellini, C.Meccariello, G.Vicini, C., Palatal surgery in a transoral robotic setting (TORS): preliminary results of a retrospective comparison between uvulopalatopharyngoplasty (UPPP), expansion sphincter pharyngoplasty (ESP) and barbed repositioning pharyngoplasty (BRP). Acta Otorhinolaryngologica Italica. 2017;37;406-409	2
6405	C. M. Vicini, G.Cammaroto, G.Rashwan, M.Montevecchi, F., Barbed reposition pharyngoplasty in multilevel robotic surgery for obstructive sleep apnoea. Acta Otorhinolaryngologica Italica. 2017;37;214-217	3
6406	B. J. M. Jordan, R. S.Trihn, B.Kundu, S., Venous thromboembolism after nephrectomy: incidence, timing and associated risk factors from a national multi-institutional database. World Journal of Urology. 2017;35;1713-1719	4
6407	A. N. Fader, Minimally Invasive Techniques for Treating Gynecologic Malignancies. Journal of the National Comprehensive Cancer Network. 2017;15;730-732	8
6408	F. S. Crafa, S.Missori, G.Shalaby, M.Quaresima, S.Noviello, A.Cassini, D.Ascenzi, P.Franceschilli, L.Delrio, P.Baldazzi, G.Giampiero, U.Megevand, J.Maria Romano, G.Sileri, P., Transanal Inspection and Management of Low Colorectal Anastomosis Performed With a New Technique: the TICRANT Study. Surgical Innovation. 2017;24;483-491	4
6409	I. Y. Ozbay, A. C.Sethia, R.Wei, L.Old, M.Agrawal, A.Teknos, T.Ozer, E., One-year quality of life and functional outcomes of transoral robotic surgery for carcinoma of unknown primary. Head & Neck. 2017;39;1596-1602	3
6410	Y. Z. Shi, C.Xie, L.Chen, Y.Jiang, J.Zhang, Z.Deng, Z., Research of the master-slave robot surgical system with the function of force feedback. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	5
6411	Anonymous, Robotically assisted minimally invasive mitral valve surgery. Clinical Privilege White Paper. 2017;;44578	10
6412	K. L. W. Siroen, C. D. W.Escoto, A.Naish, M. D.Bureau, Y.Patel, R. V.Schlachta, C. M.Cristancho, S. M.Trejos, A. L., Mastery Learning - does the method of learning make a difference in skills acquisition for robotic surgery?. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3

6413	T. K. Takagi, T.Tachibana, H.Iizuka, J.Omae, K.Kobayashi, H.Yoshida, K.Tanabe, K., Robot-assisted laparoscopic versus open partial nephrectomy in patients with chronic kidney disease: A propensity score-matched comparative analysis of surgical outcomes. International Journal of Urology. 2017;24;505-510	13
6414	A. R. A. Swanton, A. N.Han, Y.Nepple, K. G.Erickson, B. A., Trends in Operating Room Assistance for Major Urologic Surgical Procedures: An Increasing Role for Advanced Practice Providers. Urology. 2017;106;76-81	2
6415	L. D. F. Morelli, G.Guadagni, S.Palmeri, M.Gianardi, D.Bianchini, M.Moglia, A.Ferrari, V.Caprili, G.D'Isidoro, C.Melfi, F.Di Candio, G.Mosca, F., Full Robotic Colorectal Resections for Cancer Combined With Other Major Surgical Procedures: Early Experience With the da Vinci Xi. Surgical Innovation. 2017;24;321-327	3
6416	E. M. W. Suero, R.Zaremba, D.Citak, M.Hawi, N.Citak, M.Stuebig, T.Krettek, C.Liodakis, E., Robotic guided waterjet cutting technique for high tibial dome osteotomy: A pilot study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	7
6417	I. T. L. Konstantinidis, A.Lee, B.Warner, S. G.Woo, Y.Singh, G.Fong, Y.Melstrom, L. G., Minimally invasive distal pancreatectomy: greatest benefit for the frail. Surgical Endoscopy. 2017;31;5234-5240	4
6418	A. B. Balaphas, N. C.Naiken, S. P.Hagen, M. E.Zawodnik, A.Jung, M. K.Varnay, G.Buhler, L. H.Morel, P., Incisional hernia after robotic single-site cholecystectomy: a pilot study. Hernia. 2017;21;697-703	3
6419	J. J. C. Kim, C.Nam, S. H.Kim, W. Y., Feasibility of Reduced-Port Robotic Surgery for Myomectomy with the da Vinci Surgical System. Journal of Minimally Invasive Gynecology. 2017;24;926-931	3
6420	T. J. L. Fang, L. A.Huang, B. S.Lin, C. Y.Hsu, C. L.Chang, J. T.Yen, T. C.Liao, C. T.Chiang, H. C., What should we expect from robotic surgery for second primary oropharyngeal cancer?. European Archives of Oto-Rhino-Laryngology. 2017;274;3161-3168	3
6421	D. J. Dalela, W.Prasad, M. A.Sood, A.Abdollah, F.Diaz, M.Karabon, P.Sammon, J.Jamil, M.Baize, B.Simone, A.Menon, M., A Pragmatic Randomized Controlled Trial Examining the Impact of the Retzius-sparing Approach on Early Urinary Continence Recovery After Robot-assisted Radical Prostatectomy. European Urology. 2017;72;677-685	3
6422	A. V. Benelli, V.Simonato, A.Terrone, C.Gregori, A., Pentafecta rates of three-dimensional laparoscopic radical prostatectomy: our experience after 150 cases. Urologia (Treviso). 2017;84;93-97	2
6423	S. K. Muto, K.Ieda, T.Shimizu, F.Nagata, M.Isotani, S.Ide, H.Yamaguchi, R.Horie, S., A preliminary oncologic outcome and postoperative complications in patients undergoing robot-assisted radical cystectomy: Initial experience. Investigative And Clinical Urology. 2017;58;171-178	13
6424	A. Z. Zia, C.Xiong, X.Jarc, A. M., Temporal clustering of surgical activities in robot-assisted surgery. International Journal of Computer Assisted Radiology & Surgery. 2017;12;1171-1178	3
6425	T. H. Kawai, H.Nishizawa, Y.Nishikawa, A.Nakamura, R.Kawahira, H.Ito, M.Nakamura, T., Compact forceps manipulator with a spherical-coordinate linear and circular telescopic rail mechanism for endoscopic surgery. International Journal of Computer Assisted Radiology & Surgery. 2017;12;1345-1353	2
6426	A. G. Feldmann, K.Stebinger, M.Williamson, T.Weber, S.Zysset, P., Real-Time Prediction of Temperature Elevation During Robotic Bone Drilling Using the Torque Signal. Annals of Biomedical Engineering. 2017;45;2088-2097	2

6427	J. J. Zhang, J.Chen, S.Gu, J.Zhu, Y.Qin, K.Zhan, Q.Cheng, D.Chen, H.Deng, X.Shen, B.Peng, C., Minimally invasive distal pancreatectomy for PNETs: laparoscopic or robotic approach?. Oncotarget. 2017;8;33872-33883	12
6428	M. M. Alshehri, H. E.Moulthrop, T.Kandil, E., Robotic thyroidectomy and parathyroidectomy: An initial experience with retroauricular approach. Head & Neck. 2017;39;1568-1572	12
6429	G. G. Dagnino, I.Morad, S.Gibbons, P.Tarassoli, P.Atkins, R.Dogramadzi, S., Intra-operative fiducial-based CT/fluoroscope image registration framework for image-guided robot-assisted joint fracture surgery. International Journal of Computer Assisted Radiology & Surgery. 2017;12;1383-1397	7
6430	D. V. V. Matei, M. D.Musi, G.Renne, G.Tringali, V. M. L.Mistretta, F. A.Delor, M.Russo, A.Cioffi, A.Bianchi, R.Cozzi, G.Di Trapani, E.Bottero, D.Cordima, G.Lucarelli, G.Ferro, M.de Cobelli, O., Outcomes of robot-assisted simple enucleation of renal masses: A single European center experience. Medicine. 2017;96;e6771	3
6431	S. G. Li, Ch, Surgical Experience of Primary Cardiac Tumor: Single-Institution 23-Year Report. Medical Science Monitor. 2017;23;2111-2117	13
6432	F. X. H. Madec, O.Perrouin-Verbe, M. A.Levesque, A.Le Normand, L.Rigaud, J., Feasibility, Morbidity, and Functional Results of Supratrigonal Cystectomy with Augmentation Ileocystoplasty by Combined Robot-Assisted Laparoscopy and Mini-Laparotomy Approach. Journal of Endourology. 2017;31;655-660	3
6433	W. G. J. Albergotti, J.Anthony, K.Abberbock, S.Wasserman-Wincko, T.Kim, S.Ferris, R. L.Duvvuri, U., A prospective evaluation of short-term dysphagia after transoral robotic surgery for squamous cell carcinoma of the oropharynx. Cancer. 2017;123;3132-3140	3
6434	A. D. Legner, M.Halvax, P.Liu, Y. Y.Zorn, L.Zanne, P.Nageotte, F.De Mathelin, M.Dallemagne, B.Marescaux, J., Endoluminal surgical triangulation 2.0: A new flexible surgical robot. Preliminary pre-clinical results with colonic submucosal dissection. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	7
6435	H. Y. Sang, J.Monfaredi, R.Wilson, E.Fooladi, H.Cleary, K., External force estimation and implementation in robotically assisted minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6436	Z. E. P. Khene, B.Bosquet, E.Pradere, B.Robert, C.Fardoun, T.Kammerer-Jacquet, S. F.Verhoest, G.Rioux-Leclercq, N.Mathieu, R.Bensalah, K., Does training of fellows affect peri-operative outcomes of robot-assisted partial nephrectomy?. BJU International. 2017;120;591-599	3
6437	N. D. Keric, C.Haj, A.Rachwal-Czyzewicz, I.Renovanz, M.Wesp, D. M. A.Boor, S.Conrad, J.Brawanski, A.Giese, A.Kantelhardt, S. R., Evaluation of robot-guided minimally invasive implantation of 2067 pedicle screws. Neurosurgical Focus. 2017;42;E11	3
6438	G. S. Molliqaj, B.Alaid, A.Solomiichuk, V.Rohde, V.Schaller, K.Tessitore, E., Accuracy of robot-guided versus freehand fluoroscopy-assisted pedicle screw insertion in thoracolumbar spinal surgery. Neurosurgical Focus. 2017;42;E14	12
6439	V. F. Solomiichuk, J.Molliqaj, G.Warda, J.Alaid, A.von Eckardstein, K.Schaller, K.Tessitore, E.Rohde, V.Schatlo, B., Robotic versus fluoroscopy-guided pedicle screw insertion for metastatic spinal disease: a matched-cohort comparison. Neurosurgical Focus. 2017;42;E13	12
6440	A. T. De Benedictis, A.Carai, A.Genovese, E.Procaccini, E.Messina, R.Randi, F.Cossu, S.Esposito, G.Palma, P.Amante, P.Rizzi, M.Marras, C. E., Robot-assisted procedures in pediatric neurosurgery. Neurosurgical Focus. 2017;42;E7	3

6441	F. R. Cardinale, M.d'Orio, P.Casaceli, G.Arnulfo, G.Narizzano, M.Scorza, D.De Momi, E.Nichelatti, M.Redaelli, D.Sberna, M.Moscato, A.Castana, L., A new tool for touch-free patient registration for robot-assisted intracranial surgery: application accuracy from a phantom study and a retrospective surgical series. Neurosurgical Focus. 2017;42;E8	7
6442	T. G. Ogiwara, T.Nagm, A.Hongo, K., Endoscopic endonasal transsphenoidal surgery using the iArmS operation support robot: initial experience in 43 patients. Neurosurgical Focus. 2017;42;E10	3
6443	M. L. S. Schroder, V. E., Revisions for screw malposition and clinical outcomes after robot-guided lumbar fusion for spondylolisthesis. Neurosurgical Focus. 2017;42;E12	2
6444	T. M. C. Urakov, K. H.Burks, S. S.Wang, M. Y., Initial academic experience and learning curve with robotic spine instrumentation. Neurosurgical Focus. 2017;42;E4	5
6445	F. D. Abdollah, D.Sood, A.Sammon, J.Cho, R.Nocera, L.Diaz, M.Jeong, W.Peabody, J. O.Fossati, N.Gandaglia, G.Briganti, A.Montorsi, F.Menon, M., Functional outcomes of clinically high-risk prostate cancer patients treated with robot-assisted radical prostatectomy: a multi-institutional analysis. Prostate Cancer & Prostatic Diseases. 2017;20;395-400	3
6446	K. Z. Yang, H.Hubert, N.Perez, M.Wang, X. H.Hubert, J., From dV-Trainer to Real Robotic Console: The Limitations of Robotic Skill Training. Journal of Surgical Education. 2017;74;1074-1080	2
6447	M. C. Covotta, C.Torregiani, G.Naccarato, A.Tribuzi, S.Zinilli, A.Forastiere, E., A Prospective, Randomized, Clinical Trial on the Effects of a Valveless Trocar on Respiratory Mechanics During Robotic Radical Cystectomy: A Pilot Study. Anesthesia & Analgesia. 2017;124;1794-1801	2
6448	A. S. D. Prabhu, E. O.Copper, C. M.Mann, J. W.Yunis, J. P.Phillips, S.Huang, L. C.Poulose, B. K.Rosen, M. J., Laparoscopic vs Robotic Intraperitoneal Mesh Repair for Incisional Hernia: An Americas Hernia Society Quality Collaborative Analysis. Journal of the American College of Surgeons. 2017;225;285-293	12
6449	A. H. Hamada, C.Fleisher, J.Tuerk, I., Microbiological evaluation of infected pelvic lymphocele after robotic prostatectomy: potential predictors for culture positivity and selection of the best empirical antimicrobial therapy. International Urology & Nephrology. 2017;49;1183-1191	3
6450	M. J. R. Maurice, D.Kara, O.Malkoc, E.Nelson, R. J.Fareed, K.Stein, R. J.Fergany, A. F.Kaouk, J. H., Optimum outcome achievement in partial nephrectomy for T1 renal masses: a contemporary analysis of open and robot-assisted cases. BJU International. 2017;120;537-543	13
6451	R. K. Lee, R. L.Stetten, G. D., In-Situ Force Augmentation Improves Surface Contact and Force Control. IEEE Transactions on Haptics. 2017;10;545-554	1
6452	G. L. C. Machen, L. R.Joyce, J.Wagner, K. R., Robotic repair of vesicovaginal fistulas using fibrin sealant. Canadian Journal of Urology. 2017;24;8740-8743	2
6453	Z. W. Jutric, S.Fong, Y., A practical guide to development of a successful robotic abdominal surgery program: The path to implementation. Rozhledy V Chirurgii. 2017;96;49-53	5
6454	C. B. Fiori, R.Manfredi, M.Mele, F.Amparore, D.Cattaneo, G.Morra, I.Scarpa, R. M.Porpiglia, F., Robot-assisted laparoendoscopic single-site versus mini-laparoscopic pyeloplasty: a comparison of perioperative, functional and cosmetic results. Minerva Urologica e Nefrologica. 2017;69;604-612	13

6455	A. R. Parisi, D.Borghi, F.Nguyen, N. T.Qi, F.Coratti, A.Cianchi, F.Cesari, M.Bazzocchi, F.Alimoglu, O.Gagniere, J.Pernazza, G.D'Imporzano, S.Zhou, Y. B.Azagra, J. S.Facy, O.Brower, S. T.Jiang, Z. W.Zang, L.Isik, A.Gemini, A.Trastulli, S.Novotny, A.Marano, A.Liu, T.Annecchiarico, M.Badii, B.Arcuri, G.Avanzolini, A.Leblebici, M.Pezet, D.Cao, S. G.Goergen, M.Zhang, S.Palazzini, G.D'Andrea, V.Desiderio, J., Minimally invasive surgery for gastric cancer: A comparison between robotic, laparoscopic and open surgery. World Journal of Gastroenterology. 2017;23;2376-2384	12
6456	S. H. P. Nam, J.Choi, C.Nam, S. H.Kim, W. Y., A comparison between reduced-port robotic surgery and multiport robot-assisted laparoscopy for myomectomy. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2017;213;53-57	3
6457	J. S. Zenga, J.Kallogjeri, D.Pipkorn, P.Nussenbaum, B.Jackson, R. S., Postoperative hemorrhage and hospital revisit after transoral robotic surgery. Laryngoscope. 2017;127;2287-2292	3
6458	J. K. Choi, J.Hwang, J. Y.Je, M.Kim, J. Y.Kim, S. Y., A novel smart navigation system for intramedullary nailing in orthopedic surgery. PLoS ONE [Electronic Resource]. 2017;12;e0174407	2
6459	H. M. M. Abdul-Muhsin, S. B.Nunez, R. N.Katariya, N. N.Castle, E. P., Robot-assisted Transplanted Ureteral Stricture Management. Urology. 2017;105;197-201	3
6460	S. M. Kim, A.Ryan, H.Mohsin, A.Tsuda, S., Distraction and proficiency in laparoscopy: 2D versus robotic console 3D immersion. Surgical Endoscopy. 2017;31;4625-4630	4
6461	L. N. Rashidi, C.Bastawrous, A., Outcome comparisons between high-volume robotic and laparoscopic surgeons in a large healthcare system. American Journal of Surgery. 2017;213;901-905	12
6462	E. Z. Kord, A.Darawsha, A. E.Dally, N.Noh, P. H.Neheman, A., Minimally Invasive Approach for Treatment of Seminal Vesicle Cyst Associated with Ipsilateral Renal Agenesis. Urologia Internationalis. 2017;99;338-342	2
6463	C. R. Abo, H.Bridoux, V.Huet, E.Tuech, J. J.Resch, B.Stochino, E.Marpeau, L.Darwish, B., Management of deep infiltrating endometriosis by laparoscopic route with robotic assistance: 3-year experience. Journal of Gynecology Obstetrics and Human Reproduction. 2017;46;44822	3
6464	M. K. Yuksel, K.Anil, H.Islamoglu, E.Ates, M.Savas, M., Factors affecting surgical margin positivity in robotic assisted radical prostatectomy. Archivio Italiano di Urologia, Andrologia. 2017;89;71-74	12
6465	J. S. P. Winoker, D. J.Anastos, H.Waingankar, N.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Sfakianos, J. P.Badani, K. K., Predicting Complications Following Robot-Assisted Partial Nephrectomy with the ACS NSQIP^R Universal Surgical Risk Calculator. Journal of Urology. 2017;198;803-809	3
6466	A. H. B. Zureikat, J.Pitt, H. A.McGill, D.Hogg, M. E.Thompson, V.Bentrem, D. J.Hall, B. L.Zeh, H. J., Minimally invasive hepatopancreatobiliary surgery in North America: an ACS-NSQIP analysis of predictors of conversion for laparoscopic and robotic pancreatectomy and hepatectomy. HPB. 2017;19;595-602	12
6467	M. G. Hermann, O.Sandblom, G., Incidence of incisional hernia after minimally invasive and open radical prostatectomy: a population-based nationwide study. Scandinavian Journal of Urology. 2017;51;264-268	4
6468	S. I. Reinhardt, I. B.Thorup, J., Robotic surgery start-up with a fellow as the console surgeon. Scandinavian Journal of Urology. 2017;51;335-338	3
6469	P. H. B. Jensen, K. D.Azawi, N. H., Robot-assisted pyeloplasty and pyelolithotomy in patients with ureteropelvic junction stenosis. Scandinavian Journal of Urology. 2017;51;323-328	3

6470	M. P. Orre, T.Sargos, P.Richaud, P.Roubaud, G.Thomas, L., Oncological and functional results of robotic salvage radical prostatectomy after permanent brachytherapy implants. Cancer Radiotherapie. 2017;21;119-123	3
6471	C. C. M. Nitschmann, F.Bakkum-Gamez, J. N.Langstraat, C. L.Occhino, J. A.Weaver, A. L.Cliby, W. A.Mariani, A.Dowdy, S. C., Vaginal vs. robotic hysterectomy for patients with endometrial cancer: A comparison of outcomes and cost of care. Gynecologic Oncology. 2017;145;555-561	13
6472	F. T. Chu, M.Giugliano, G.Calabrese, L.Preda, L.Ansarin, M., From transmandibular to transoral robotic approach for parapharyngeal space tumors. American Journal of Otolaryngology. 2017;38;375-379	2
6473	J. R. Siedlecki, V.Leicht, S.Foerster, P.Kortum, K.Schaller, U.Priglinger, S.Fuerweger, C.Muacevic, A.Eibl-Lindner, K., Incidence of secondary glaucoma after treatment of uveal melanoma with robotic radiosurgery versus brachytherapy. Acta Opthalmologica. 2017;95;e734-e739	12
6474	B. K. Peyronnet, Z. E.Pradere, B.Seisen, T.Verhoest, G.Masson-Lecomte, A.Grassano, Y.Roumiguie, M.Beauval, J. B.Baumert, H.Droupy, S.Doumerc, N.Bernhard, J. C.Vaessen, C.Bruyere, F.de la Taille, A.Roupret, M.Bensalah, K., Off-Clamp versus On-Clamp Robotic Partial Nephrectomy: A Multicenter Match-Paired Case-Control Study. Urologia Internationalis. 2017;99;272-276	3
6475	C. H. Morris, J.Shayegan, B.Matsumoto, E. D., Towards development and validation of an intraoperative assessment tool for robot-assisted radical prostatectomy training: results of a Delphi study. International Braz J Urol. 2017;43;661-670	1
6476	A. G. B. Eriksson, A.Soslow, R. A.Zhou, Q.Abu-Rustum, N. R.Gardner, G. J.Zivanovic, O.Long Roche, K.Sonoda, Y.Leitao, M. M., Jr.Jewell, E. L., A Comparison of the Detection of Sentinel Lymph Nodes Using Indocyanine Green and Near-Infrared Fluorescence Imaging Versus Blue Dye During Robotic Surgery in Uterine Cancer. International Journal of Gynecological Cancer. 2017;27;743-747	3
6477	J. R. V. A. Sims, K.Martin, E. J.Lohse, C. M.Price, D. L.Olsen, K. D.Moore, E. J., Management of Recurrent and Metastatic HPV-Positive Oropharyngeal Squamous Cell Carcinoma after Transoral Robotic Surgery. Otolaryngology - Head & Neck Surgery. 2017;157;69-76	3
6478	L. J. N. Kuo, J. C.Huang, Y. J.Lin, Y. K.Chen, C. C.Tong, Y. S.Huang, S. C.Hu, C. C.Tan, S. H., Anorectal complications after robotic intersphincteric resection for low rectal cancer. Surgical Endoscopy. 2017;31;4466-4471	3
6479	F. H. T. Tang, E. M., Learning Curve Analysis of Different Stages of Robotic-Assisted Laparoscopic Hysterectomy. BioMed Research International. 2017;2017;1827913	3
6480	C. W. Zhang, H.Ye, C.Guo, F.Yang, B.Xu, C.Sun, Y., The application of a blunt-tip needle to suture the dorsal venous complex in robot-assisted laparoscopic radical prostatectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6481	Y. C. Zhang, Y.Hua, K., Outcomes in patients undergoing robotic reconstructive uterovaginal anastomosis of congenital cervical and vaginal atresia. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6482	M. Y. Hwang, U. J.Kong, D.Chung, D. G.Lim, J. G.Lee, D. H.Kim, D. H.Shin, D.Jang, T.Kim, J. W.Kwon, D. S., A single port surgical robot system with novel elbow joint mechanism for high force transmission. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6483	E. M. Navarra, S.De Kerchove, L.Glineur, D.Watremez, C.Van Dyck, M.El Khoury, G.Noirhomme, P., Robotic mitral valve repair: a European single-centre experience. Interactive Cardiovascular & Thoracic Surgery. 2017;25;62-67	3

6484	I. C. Andras, N.Gavrilita, M.Coman, R. T.Nyberg, V.Coman, I., Every setback is a setup for a comeback: 3D laparoscopic radical prostatectomy after robotic radical prostatectomy. Journal of B.U.On.. 2017;22;87-93	12
6485	M. T. Elshamy, H.Akyuz, M.Yazici, P.Yigitbas, H.Hammad, A. Y.Aucejo, F. N.Quintini, C.Fung, J.Berber, E., Evolution of a laparoscopic liver resection program: an analysis of 203 cases. Surgical Endoscopy. 2017;31;4150-4155	2
6486	S. S. Shibasaki, K.Nakauchi, M.Kikuchi, K.Kadoya, S.Ishida, Y.Inaba, K.Uyama, I., Robotic valvuloplastic esophagogastrostomy using double flap technique following proximal gastrectomy: technical aspects and short-term outcomes. Surgical Endoscopy. 2017;31;4283-4297	3
6487	C. G. Suarez-Ahedo, C.Martin, T. J.Chandrasekaran, S.Lodhia, P.Domb, B. G., Robotic-arm assisted total hip arthroplasty results in smaller acetabular cup size in relation to the femoral head size: a matched-pair controlled study. Hip International. 2017;27;147-152	12
6488	M. A. K. Khashab, V.Tieu, A. H.El Zein, M. H.Ismail, A.Ngamruengphong, S.Singh, V. K.Kalloo, A. N.Clarke, J. O.Stein, E. M., Peroral endoscopic myotomy achieves similar clinical response but incurs lesser charges compared to robotic heller myotomy. Saudi Journal of Gastroenterology. 2017;23;91-96	12
6489	Y. P. W. Li, S. N.Lee, K. T., Robotic versus conventional laparoscopic cholecystectomy: A comparative study of medical resource utilization and clinical outcomes. Kaohsiung Journal of Medical Sciences. 2017;33;201-206	12
6490	S. Y. R. Yang, K. H.Kim, Y. N.Cho, M.Lim, S. H.Son, T.Hyung, W. J.Kim, H. I., Surgical Outcomes After Open, Laparoscopic, and Robotic Gastrectomy for Gastric Cancer. Annals of Surgical Oncology. 2017;24;1770-1777	12
6491	J. C. L. Kim, J. L.Alotaibi, A. M.Yoon, Y. S.Kim, C. W.Park, I. J., Robot-assisted intersphincteric resection facilitates an efficient sphincter-saving in patients with low rectal cancer. International Journal of Colorectal Disease. 2017;32;1137-1145	12
6492	C. P. C. Souders, K. R.Wood, L. N.Solnik, J. M.Avenido, R. M.Strauss, P. L.Eilber, K. S.Anger, J. T., Reducing Operating Room Turnover Time for Robotic Surgery Using a Motor Racing Pit Stop Model. World Journal of Surgery. 2017;41;1943-1949	2
6493	W. B. Kohne, A.Musch, M.Kropfl, D.Groeben, H., Airway Resistance in Patients with Obstructive Sleep Apnea Syndrome Following Robotic Prostatectomy. Journal of Endourology. 2017;31;489-496	3
6494	T. E. V. Ito, M. V.Moawad, G. N.Opoku-Anane, J.Shu, M. K.Marfori, C. Q.Robinson, J. K., 3rd, Minimally Invasive Hysterectomy for Uteri Greater Than One Kilogram. Journal of the Society of Laparoendoscopic Surgeons. 2017;21;Jan-Mar	3
6495	I. M. Tufek, P.Doganca, T.Obek, C.Argun, O. B.Tuna, M. B.Keskin, M. S.Kural, A. R., Robot-Assisted Partial Nephrectomy for T1b Tumors: Strict Trifecta Outcomes. Journal of the Society of Laparoendoscopic Surgeons. 2017;21;Jan-Mar	3
6496	L. S. Luketic, L.Kives, S.Liu, G.El Sugy, R.Leyland, N.Solnik, M. J.Murji, A., Does Ulipristal Acetate Affect Surgical Experience at Laparoscopic Myomectomy?. Journal of Minimally Invasive Gynecology. 2017;24;797-802	3
6497	A. M. Hay, J.Karassawa Zanoni, D.Boyle, J. O.Singh, B.Wong, R. J.Patel, S. G.Ganly, I., Complications following transoral robotic surgery (TORS): A detailed institutional review of complications. Oral Oncology. 2017;67;160-166	3
6498	A. D. Damle, R. N.Flahive, J. M.Schlussel, A. T.Davids, J. S.Sturrock, P. R.Maykel, J. A.Alavi, K., Diffusion of technology: Trends in robotic-assisted colorectal surgery. American Journal of Surgery. 2017;214;820-824	3

6499	P. A. A. Fitzpatrick, N.Soderberg, E. M. V.Harrison, H.Thomson, G. J.Landberg, G., Robotic Mammosphere Assay for High-Throughput Screening in Triple-Negative Breast Cancer. SLAS discovery. 2017;22;827-836	2
6500	O. J. O. Isaac-Lowry, S.Pedram, S. A.Woo, R.Berkelman, P., Compact teleoperated laparoendoscopic single-site robotic surgical system: Kinematics, control, and operation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6501	S. H. K. Kim, C. M.Lee, W. J., Robotic single-site plus ONE port distal pancreatectomy. Surgical Endoscopy. 2017;31;4258-4259	2
6502	K. E. J. Dillon, M.Chan, I. L.Kiaii, B., Eligibility for Minimally Invasive Coronary Artery Bypass: Examination of Epicardial Adipose Tissue Using Computed Tomography. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;121-126	2
6503	F. G. Khaliel, V.Chu, M. W. A.Sridhar, K.Teefy, P.Kiaii, B. B., Consequences of Hybrid Procedure Addition to Robotic-Assisted Direct Coronary Artery Bypass. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;192-196	3
6504	V. H. Giambruno, A.Fox, S. A.Jeanmart, H.Cook, R. C.Khaliel, F. H.Teefy, P.Sridhar, K.Lavi, S.Bagur, R.Randhawa, V. K.Iglesias, I.Jones, P. M.Harle, C. C.Bainbridge, D.Chu, M. W.Kiaii, B. B., Is the Future of Coronary Arterial Revascularization a Hybrid Approach?: The Canadian Experience Across Three Centers. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;82-86	3
6505	J. F. S. Lazar, L. N.Hartman, A. R.Lazzaro, R. S., Standardizing Robotic Lobectomy: Feasibility and Safety in 128 Consecutive Lobectomies Within a Single Healthcare System. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;77-81	3
6506	O. Y. M. Kudsi, J. C.Paluvoi, N.Mabardy, A. S., Transition from Laparoscopic Totally Extraperitoneal Inguinal Hernia Repair to Robotic Transabdominal Preperitoneal Inguinal Hernia Repair: A Retrospective Review of a Single Surgeon's Experience. World Journal of Surgery. 2017;41;2251-2257	12
6507	A. H. B. Freeman, A.Lyon, L.Conell, C.Garcia, C.Littell, R. D.Powell, C. B., Does Surgical Teaching Take Time? Resident Participation in Minimally Invasive Hysterectomy for Endometrial Cancer. Journal of Minimally Invasive Gynecology. 2017;24;783-789	2
6508	M. M. S. Desai, G.de Castro Abreu, A. L.Chopra, S.Ferriero, M.Guaglianone, S.Minisola, F.Park, D.Sotelo, R.Gallucci, M.Gill, I. S.Aron, M., Robotic Intracorporeal Continent Cutaneous Diversion. Journal of Urology. 2017;198;436-444	3
6509	H. W. C. Yu, Y. J.Kwon, H.Kim, S. J.Choi, J. Y.Lee, K. E., Bilateral Axillo-Breast Approach Robotic Thyroidectomy (BABA RT) Does Not Interfere with Breast Image Follow-Up. World Journal of Surgery. 2017;41;2020-2025	3
6510	T. M. Ito, A.Hoshino, S.Hayashi, Y.Sawaki, S.Yanagisawa, J.Tokoro, M., Three-port (one incision plus two-port) endoscopic mitral valve surgery without robotic assistance. European Journal of Cardio-Thoracic Surgery. 2017;51;913-918	2
6511	N. W. Ishikawa, G., Figure 4 Knot: Simple Tying Technique for Robotic and Endoscopic Sutures. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;152-153	8
6512	A. G. Bertolin, G.Lionello, M.Giacomelli, L.Lucioni, M.Rizzotto, G., Lateral pharyngotomy approach in the treatment of oropharyngeal carcinoma. European Archives of Oto-Rhino-Laryngology. 2017;274;2573-2580	2
6513	A. B. Ercoli, E.Ferrari, S.Surico, D.Fagotti, A.Fanfani, F.De Cicco, F.Surico, N.Scambia, G., Robotic-Assisted Conservative Excision of Retrocervical-Rectal Deep Infiltrating Endometriosis: A Case Series. Journal of Minimally Invasive Gynecology. 2017;24;863-868	2

6514	R. K. Kojcev, A.Fuerst, B.Zettinig, O.Fahkry, C.DeJong, R.Richmon, J.Taylor, R.Sinibaldi, E.Navab, N., On the reproducibility of expert-operated and robotic ultrasound acquisitions. International Journal of Computer Assisted Radiology & Surgery. 2017;12;1003-1011	2
6515	A. K. M. Srinivasan, D.Shrivastava, D.Long, C. J.Shukla, A. R., Is robot-assisted laparoscopic bilateral extravesical ureteral reimplantation associated with greater morbidity than unilateral surgery? A comparative analysis. Journal of pediatric urology. 2017;13;494.e1-494.e7	3
6516	A. S. Parisi, L.Desiderio, J.Gemini, A.Guarino, S.Ricci, F.Cirocchi, R.Palazzini, G.D'Andrea, V.Minelli, L.Trastulli, S., Robotic right hemicolectomy: Analysis of 108 consecutive procedures and multidimensional assessment of the learning curve. Surgical Oncology. 2017;26;28-36	3
6517	J. M. Dagenais, M. J.Mouracade, P.Kara, O.Nelson, R. J.Malkoc, E.Kaouk, J. H., The Synergistic Influence of Ischemic Time and Surgical Precision on Acute Kidney Injury After Robotic Partial Nephrectomy. Urology. 2017;107;132-137	3
6518	L. V. D. Selby, R. P.Tholey, R. M.Jarnagin, W. R.Garcia-Aguilar, J.Strombom, P. D.Allen, P. J.Kingham, T. P.Weiser, M. R.Brennan, M. F.Strong, V. E., Evolving application of minimally invasive cancer operations at a tertiary cancer center. Journal of Surgical Oncology. 2017;115;365-370	4
6519	G. E. R. Gin, N. H.Parihar, J. S.Warner, J. N.Yuh, B. E.Yamzon, J.Wilson, T. G.Lau, C. S.Chan, K. G., Ureteroenteric anastomotic revision as initial management of stricture after urinary diversion. International Journal of Urology. 2017;24;390-395	2
6520	V. L. O. C. Biron, D. A.Barber, B.Clark, J. M.Andrews, C.Jeffery, C. C.Cote, D. W.Harris, J.Seikaly, H., Transoral robotic surgery with radial forearm free flap reconstruction: case control analysis. Journal of Otolaryngology: Head and Neck Surgery. 2017;46;20	12
6521	M. F. Reichenbach, T.Cubrich, L.Bircher, W.Bills, N.Morien, M.Farritor, S.Oleynikov, D., Telesurgery With Miniature Robots to Leverage Surgical Expertise in Distributed Expeditionary Environments. Military Medicine. 2017;182;316-321	2
6522	Y. Y. D.-J. Chan, B.Sturm, R. M.Kurzrock, E. A., Outcomes after pediatric open, laparoscopic, and robotic pyeloplasty at academic institutions. Journal of pediatric urology. 2017;13;49.e1-49.e6	13
6523	T. H. U.-K. Luu, M. J., New Developments in Surgery for Endometriosis and Pelvic Pain. Clinical Obstetrics & Gynecology. 2017;60;245-251	2
6524	M. D. d. S. Borot de Battisti, B.Hautvast, G.Binnekamp, D.Lagendijk, J. J. W.Maenhout, M.Moerland, M. A., A novel adaptive needle insertion sequencing for robotic, single needle MR-guided high-dose-rate prostate brachytherapy. Physics in Medicine & Biology. 2017;62;4031-4045	2
6525	B. F. Meenakshi-Sundaram, J. R.Malm-Buatsi, E.Boklage, B.Nguyen, E.Frimberger, D.Palmer, B. W., Reduction in surgical fog with a warm humidified gas management protocol significantly shortens procedure time in pediatric robot-assisted laparoscopic procedures. Journal of pediatric urology. 2017;13;489.e1-489.e5	3
6526	S. H. Blecha, M.Schlachetzki, F.Zeman, F.Blecha, C.Flora, P.Burger, M.Denzinger, S.Graf, B. M.Helbig, H.Pawlik, M. T., Changes in intraocular pressure and optic nerve sheath diameter in patients undergoing robotic-assisted laparoscopic prostatectomy in steep 45degree Trendelenburg position. BMC Anesthesiology. 2017;17;40	3
6527	M. A. F.-F. Sieber, B.Mueller, M., Performance of Kymerax© precision-drive articulating surgical system compared to conventional laparoscopic instruments in a pelvitrainer model. Surgical Endoscopy. 2017;31;4298-4308	7

6528	G. P. P. Mattioli, A.Razore, B.Leonelli, L.Pio, L.Avanzini, S.Boscarelli, A.Barabino, P.Disma, N. M.Zanaboni, C.Garzi, A.Martigli, S. P.Buffi, N. M.Rosati, U.Petralia, P., Da Vinci Robotic Surgery in a Pediatric Hospital. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;539-545	3
6529	M. M. P. Gutierrez, J. D.Volker, K. W.Howard, D. L.McCarus, S. D., The McCarus-Volker ForniSee R: A Novel Trans-illuminating Colpotomy Device and Uterine Manipulator for Use in Conventional and Robotic-Assisted Laparoscopic Hysterectomy. Surgical Technology International. 2017;30;191-196	2
6530	H. K. Kim, J. R.Han, Y.Kwon, W.Kim, S. W.Jang, J. Y., Early experience of laparoscopic and robotic hybrid pancreaticoduodenectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6531	C. C. Darr, D.Weinreich, G.Hachenberg, T.Aigner, C.Kampe, S., Robotic thoracic surgery results in shorter hospital stay and lower postoperative pain compared to open thoracotomy: a matched pairs analysis. Surgical Endoscopy. 2017;31;4126-4130	13
6532	S. T. Lazarev, B.Tam, J.Gupta, V.Miles, B. A.Lee, N.Bakst, R. L., Adjuvant radiation in the TORS era: Is there a benefit to omitting the tumor bed?. Practical Radiation Oncology. 2017;7;93-99	3
6533	K. L. Hobelmann, A.Bar-Ad, V.Keane, W.Curry, J.Cognetti, D., Positron emission tomography/computed tomography after primary transoral robotic surgery for oropharyngeal squamous cell carcinoma. Laryngoscope. 2017;127;2050-2056	3
6534	E. P. Tumino, G.Bertoni, M.Bertini, M.Metrangolo, S.Ierardi, E.Cervelli, R.Bresci, G.Sacco, R., Use of robotic colonoscopy in patients with previous incomplete colonoscopy. European Review for Medical & Pharmacological Sciences. 2017;21;819-826	3
6535	H. K. Lee, K. G.Seo, J. H.Sohn, D. K., Natural orifice transluminal endoscopic surgery with a snake-mechanism using a movable pulley. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6536	A. G. Valverde, N.Oberlin, O.Svrcek, M.Flejou, J. F.Sezeur, A.Mosnier, H.Houdart, R.Lupinacci, R. M., Robotic versus laparoscopic rectal resection for sphincter-saving surgery: pathological and short-term outcomes in a single-center analysis of 130 consecutive patients. Surgical Endoscopy. 2017;31;4085-4091	12
6537	M. A. Odermatt, J.Panteleimonitis, S.Khan, J.Parvaiz, A., Prior experience in laparoscopic rectal surgery can minimise the learning curve for robotic rectal resections: a cumulative sum analysis. Surgical Endoscopy. 2017;31;4067-4076	4
6538	T. J. Borza, B. L.Montgomery, J. S.Weizer, A. Z.Morgan, T. M.Hafez, K. S.Lee, C. T.Li, B. Y.Min, H. S.He, C.Gilbert, S. M.Helm, J. E.Lavieri, M. S.Hollenbeck, B. K.Skolarus, T. A., No Differences in Population-based Readmissions After Open and Robotic-assisted Radical Cystectomy: Implications for Post-discharge Care. Urology. 2017;104;77-83	13
6539	J. C. L. Kim, J. L.Park, S. H., Interpretative Guidelines and Possible Indications for Indocyanine Green Fluorescence Imaging in Robot-Assisted Sphincter-Saving Operations. Diseases of the Colon & Rectum. 2017;60;376-384	3
6540	F. B. Bozkirli, N.Akcabay, M., Effects of steep Trendelenburg position and pneumoperitoneum on middleear pressure in patients undergoing robotic radical prostatectomy. Turkish Journal of Medical Sciences. 2017;47;295-299	3
6541	A. P. B. Glaser, D. K.Lindgren, B. W.Meeks, J. J., Robot-assisted retroperitoneal lymph node dissection (RA-RPLND) in the adolescent population. Journal of pediatric urology. 2017;13;223-224	3

6542	S. F. M. Herling, A. M.Palle, C.Grynnerup, A.Thomsen, T., Robotic-assisted laparoscopic hysterectomy for women with endometrial cancer. Danish Medical Journal. 2017;64;	13
6543	S. C. O. Winter, E.Meikle, D.Silva, P.Fraser, L.O'Hara, J.Kim, D.Robinson, M.Paleri, V., Trans-oral robotic assisted tongue base mucosectomy for investigation of cancer of unknown primary in the head and neck region. The UK experience. Clinical Otolaryngology. 2017;42;1247-1251	3
6544	A. J. Giger, C.Cattin, P. C., Respiratory motion compensation for the robot-guided laser osteotome. International Journal of Computer Assisted Radiology & Surgery. 2017;12;1751-1762	3
6545	Y. E. H. Ahmed, A. A.May, P. R.Ahmad, B.Ali, T.Durrani, A.Khan, S.Kumar, P.Guru, K. A., Natural History, Predictors and Management of Ureteroenteric Strictures after Robot Assisted Radical Cystectomy. Journal of Urology. 2017;198;567-574	3
6546	A. M. Carai, A.De Benedictis, A.Messina, R.Cacchione, A.Miele, E.Randi, F.Esposito, G.Trezza, A.Colafati, G. S.Savioli, A.Locatelli, F.Marras, C. E., Robot-Assisted Stereotactic Biopsy of Diffuse Intrinsic Pontine Glioma: A Single-Center Experience. World Neurosurgery. 2017;101;584-588	2
6547	Y. Y. Hirasawa, K.Nasu, Y.Yamamoto, M.Hinotsu, S.Takenaka, A.Fujisawa, M.Shiroki, R.Tozawa, K.Fukasawa, S.Kashiwagi, A.Tatsugami, K.Tachibana, M.Terachi, T.Gotoh, M.Japanese Society of, Endourology, Impact of Surgeon and Hospital Volume on the Safety of Robot-Assisted Radical Prostatectomy: A Multi-Institutional Study Based on a National Database. Urologia Internationalis. 2017;98;334-342	3
6548	M. J. Feng, X.Tong, W.Guo, X.Zhao, J.Fu, Y., Pose optimization and port placement for robot-assisted minimally invasive surgery in cholecystectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6549	N. R. R. Hess, N. P.Luketich, J. D.Sarkaria, I. S., Preservation of replaced left hepatic artery during robotic-assisted minimally invasive esophagectomy: A case series. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6550	P. S. Wijesinghe, D. D.Kennedy, B. F., Computational optical palpation: a finite-element approach to micro-scale tactile imaging using a compliant sensor. Journal of the Royal Society Interface. 2017;14;3	2
6551	M. D. Geltzeiler, S.Turner, M.Albergotti, W. G.Kubik, M.Kim, S.Ferris, R.Duvvuri, U., Transoral robotic surgery for management of cervical unknown primary squamous cell carcinoma: Updates on efficacy, surgical technique and margin status. Oral Oncology. 2017;66;44817	3
6552	S. J. K. Hyun, K. J.Jahng, T. A., S2 alar iliac screw placement under robotic guidance for adult spinal deformity patients: technical note. European Spine Journal. 2017;26;2198-2203	2
6553	S. T. Fersino, U.Mazzola, R.Giaj-Levra, N.Ricchetti, F.Di Paola, G.Fiorentino, A.Sicignano, G.Naccarato, S.Ruggieri, R.Cavalleri, S.Alongi, F., Moderate Hypofractionated Postprostatectomy Volumetric Modulated Arc Therapy With Daily Image Guidance (VMAT-IGRT): A Mono-institutional Report on Feasibility and Acute Toxicity. Clinical Genitourinary Cancer. 2017;15;e667-e673	2
6554	M. E. R. Hagen, P.Jung, M. K.Amirghasemi, N.Buchs, N. C.Fakhro, J.Buehler, L.Morel, P., Robotic Gastric Bypass Surgery in the Swiss Health Care System: Analysis of Hospital Costs and Reimbursement. Obesity Surgery. 2017;27;2099-2105	4
6555	D. T. S. Friedrich, M. O.Greve, J.Rotter, N.Doescher, J.Hoffmann, T. K.Schuler, P. J., Application of a computer-assisted flexible endoscope system for transoral surgery of the hypopharynx and upper esophagus. European Archives of Oto-Rhino-Laryngology. 2017;274;2287-2293	2

6556	H. J. F. Chalfin, Z.Trock, B. J.Partin, A. W., Patterns of Pelvic Lymph Node Dissection at the Time of Radical Prostatectomy for Low-risk Men. Urology. 2017;104;143-149	2
6557	J. H. K. Hong, Y. S.Kim, I. Y., Risk stratification for disease progression in pT3 prostate cancer after robot-assisted radical prostatectomy. Asian Journal of Andrology. 2017;19;700-706	3
6558	A. T. Breda, A.Gausa, L.Rodriguez-Faba, O.Caffaratti, J.de Leon, J. P.Guirado, L.Facundo, C.Guazzieri, M.Guttilla, A.Villavicencio, H., Robotic kidney transplantation: one year after the beginning. World Journal of Urology. 2017;35;1507-1515	3
6559	M. M. Sugi, T.Yoshida, T.Taniguchi, H.Mishima, T.Yanishi, M.Komai, Y.Yasuda, K.Kinoshita, H.Yoshida, K.Watanabe, M., Introduction of an Enhanced Recovery after Surgery Protocol for Robot-Assisted Laparoscopic Radical Prostatectomy. Urologia Internationalis. 2017;99;194-200	3
6560	A. A. A. Hussein, Y. E.Kozlowski, J. D.May, P. R.Nyquist, J.Sexton, S.Curtin, L.Peabody, J. O.Abol-Enein, H.Guru, K. A., Robot-assisted approach to 'W'-configuration urinary diversion: a step-by-step technique. BJU International. 2017;120;152-157	3
6561	L. P. Meli, C.Prattichizzo, D., Experimental evaluation of magnified haptic feedback for robot-assisted needle insertion and palpation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6562	J. S. A. Jensen, H. K.Durup, J., Two years of experience with robot-assisted anti-reflux surgery: A retrospective cohort study. International Journal Of Surgery. 2017;39;260-266	12
6563	W. P. Song, J. H.Jeon, H. G.Jeong, B. C.Seo, S. I.Jeon, S. S.Lee, H. M.Choi, H. Y., Comparison of Oncologic Outcomes and Complications According to Surgical Approach to Radical Prostatectomy: Special Focus on the Perineal Approach. Clinical Genitourinary Cancer. 2017;15;e645-e652	12
6564	E. J. R. Choi, A. M.Lee, S. R.Jeong, K.Moon, H. S., Robotic Single-Site Myomectomy: Clinical Analysis of 61 Consecutive Cases. Journal of Minimally Invasive Gynecology. 2017;24;632-639	3
6565	A. G. P. Bachman, A. A.Shaw, M. D.Cross, B. W.Stratton, K. L.Cookson, M. S.Patel, S. G., Minimally Invasive Versus Open Approach for Cystectomy: Trends in the Utilization and Demographic or Clinical Predictors Using the National Cancer Database. Urology. 2017;103;99-105	4
6566	V. J. V. Davila, C. S.Stone, W. M.Fowl, R. J.Abdul-Muhsin, H. M.Castle, E. P.Money, S. R., Robotic inferior vena cava surgery. Journal of Vascular Surgery. 2017;5;194-199	3
6567	A. H. R. Perera, C. V.Monzon, L.Gibbs, R. G.Bicknell, C. D.Hamady, M., Robotic Arch Catheter Placement Reduces Cerebral Embolization During Thoracic Endovascular Aortic Repair (TEVAR). European Journal of Vascular & Endovascular Surgery. 2017;53;362-369	2
6568	S. S. Malakorn, T.Bednarski, B.You, Y. N.Chang, G. J., Three Different Approaches to the Inferior Mesenteric Artery during Robotic D3 Lymphadenectomy for Rectal Cancer. Annals of Surgical Oncology. 2017;24;1923	5
6569	J. D. C. Wright, S.Chen, L.Burke, W. M.Hou, J. Y.Tergas, A. I.Desai, V.Hu, J. C.Ananth, C. V.Neugut, A. I.Hershman, D. L., Utilization of sentinel lymph node biopsy for uterine cancer. American Journal of Obstetrics & Gynecology. 2017;216;594.e1-594.e13	2
6570	S. K. Lee, J. K.Kim, Y. N.Jang, D. S.Kim, Y. M.Son, T.Hyung, W. J.Kim, H. I., Safety and feasibility of reduced-port robotic distal gastrectomy for gastric cancer: a phase I/II clinical trial. Surgical Endoscopy. 2017;31;4002-4009	3

6571	M. K.-K. Zawadzki, M.Rzaca, M.Czarnecki, R.Obuszko, Z.Witkiewicz, W., Introduction of Robotic Surgery into a Community Hospital Setting: A Prospective Comparison of Robotic and Open Colorectal Resection for Cancer. Digestive Surgery. 2017;34;489-494	12
6572	W. G. G. Albergotti, W. E.Kubik, M. W.Geltzeiler, M.Kim, S.Duvvuri, U.Ferris, R. L., Assessment of Surgical Learning Curves in Transoral Robotic Surgery for Squamous Cell Carcinoma of the Oropharynx. JAMA Otolaryngology-- Head & Neck Surgery. 2017;143;542-548	3
6573	T. G. Williamson, K.Gerber, N.Weder, S.Anschuetz, L.Wagner, F.Weisstanner, C.Mantokoudis, G.Caversaccio, M.Weber, S., Population Statistics Approach for Safety Assessment in Robotic Cochlear Implantation. Otology & Neurotology. 2017;38;759-764	5
6574	Y. C. L. Tsai, S. A.Lai, C. S.Chen, Y. W.Lu, C. T.Yen, J. H.Chen, I. C., Functional Outcomes and Complications of Robot-Assisted Free Flap Oropharyngeal Reconstruction. Annals of Plastic Surgery. 2017;78;S76-S82	12
6575	I. F. Levy, M.Bilal, K. H.Palese, M., Modified frailty index associated with Clavien-Dindo IV complications in robot-assisted radical prostatectomies: A retrospective study. Urologic Oncology. 2017;35;425-431	3
6576	M. G. Karaman, T.Temelkuran, B.Aynaci, E.Kaya, C.Tekin, A. M., Comparison of fiber delivered CO₂ laser and electrocautery in transoral robot assisted tongue base surgery. European Archives of Oto-Rhino-Laryngology. 2017;274;2273-2279	3
6577	J. S. L. Pak, J. J.Bilal, K.Finkelstein, M.Palese, M. A., Utilization Trends and Short-term Outcomes of Robotic Versus Open Radical Cystectomy for Bladder Cancer. Urology. 2017;103;117-123	13
6578	J. K. R. Baukloh, M.Spinoglio, G.Corratti, A.Bartolini, I.Mirasolo, V. M.Priora, F.Izbicki, J. R.Gomez Fleitas, M.Gomez Ruiz, M.Perez, D. R., Evaluation of the robotic approach concerning pitfalls in rectal surgery. European Journal of Surgical Oncology. 2017;43;1304-1311	3
6579	B. V. Morisod, Vulpe, IIAlzuphar, S.Monnier, Y.Bongiovanni, M.Hagmann, P.Bouchaab, H.Bourhis, J.Simon, C., Minimizing adjuvant treatment after transoral robotic surgery through surgical margin revision and exclusion of radiographic extracapsular extension: A Prospective observational cohort study. Head & Neck. 2017;39;965-973	3
6580	D. C. Sarikaya, J. J.Guru, K. A., Detection and Localization of Robotic Tools in Robot-Assisted Surgery Videos Using Deep Neural Networks for Region Proposal and Detection. IEEE Transactions on Medical Imaging. 2017;36;1542-1549	2
6581	D. G.-H. Daskalaki, R.Brown, M.Bianco, F. M.Tzvetanov, I.Davis, M.Kim, J.Benedetti, E.Giulianotti, P. C., Financial Impact of the Robotic Approach in Liver Surgery: A Comparative Study of Clinical Outcomes and Costs Between the Robotic and Open Technique in a Single Institution. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;375-382	12
6582	A. D. v. d. L. Pearle, J. P.Lee, L.Coon, T. M.Borus, T. A.Roche, M. W., Survivorship and patient satisfaction of robotic-assisted medial unicompartmental knee arthroplasty at a minimum two-year follow-up. Knee. 2017;24;419-428	3
6583	L. F. S. Grochola, C.Zehnder, A.Wyss, R.Herzog, P.Breitenstein, S., Robot-assisted single-site compared with laparoscopic single-incision cholecystectomy for benign gallbladder disease: protocol for a randomized controlled trial. BMC Surgery. 2017;17;13	2
6584	E. H. W. Lawson, V. J.Francone, T. D., Robotic Total Abdominal Hysterectomy With Bilateral Salpingo-oophorectomy and Low Anterior Resection with Transvaginal Specimen Extraction and Intracorporeal Colonic J-Pouch Construction: A Multidisciplinary Approach. Diseases of the Colon & Rectum. 2017;60;353	8

6585	J. B. Kim, S. J.Kang, D. W.Roh, Y. E.Lee, J. W.Kwak, H. D.Kwak, J. M.Kim, S. H., Robotic Resection is a Good Prognostic Factor in Rectal Cancer Compared with Laparoscopic Resection: Long-term Survival Analysis Using Propensity Score Matching. Diseases of the Colon & Rectum. 2017;60;266-273	12
6586	K. P. Yang, M.Hubert, N.Hossu, G.Perrenot, C.Hubert, J., Effectiveness of an Integrated Video Recording and Replaying System in Robotic Surgical Training. Annals of Surgery. 2017;265;521-526	2
6587	S. S. Hunsche, D.Majdoub, F. E.Neudorfer, C.Poggenborg, J.Gosmann, A.Maarouf, M., Intensity-based 2D 3D registration for lead localization in robot guided deep brain stimulation. Physics in Medicine & Biology. 2017;62;2417-2426	2
6588	F. C. S. von Rundstedt, J. M.Bian, S. X.Lee, D.Mayer, W. A.Link, R. E., Percent of Tracer Clearance at 40 Minutes in MAG3 Renal Scans Is More Sensitive Than T_{1/2} for Symptomatic Ureteropelvic Junction Obstruction. Urology. 2017;103;245-250	3
6589	A. C. Plotkin, E. P.Zarzaur, B. L.Kilbane, E. M.Riall, T. S.Pitt, H. A., Reduced morbidity with minimally invasive distal pancreatectomy for pancreatic adenocarcinoma. HPB. 2017;19;279-285	4
6590	K. D. A. R. Chang, A.Santok, G. D. R.Kim, L. H. C.Lum, T. G. H.Lee, S. H.Ham, W. S.Choi, Y. D.Rha, K. H., Anatomical Retzius-space preservation is associated with lower incidence of postoperative inguinal hernia development after robot-assisted radical prostatectomy. Hernia. 2017;21;555-561	3
6591	H. J. H. Paradise, G. O.Elizondo Saenz, R. A.Baek, M.Koh, C. J., Robot-assisted laparoscopic pyeloplasty in infants using 5-mm instruments. Journal of pediatric urology. 2017;13;221-222	8
6592	M. A. Baek, J.Huang, G. O.Koh, C. J., Robot-assisted laparoscopic pyeloureterostomy in infants with duplex systems and upper pole hydronephrosis: Variations in double-J ureteral stenting techniques. Journal of pediatric urology. 2017;13;219-220	3
6593	B. M. Gershman, S. K.Jeffery, M. M.Moreira, D. M.Tollefson, M. K.Kim, S. P.Karnes, R. J.Shah, N. D., Redefining and Contextualizing the Hospital Volume-Outcome Relationship for Robot-Assisted Radical Prostatectomy: Implications for Centralization of Care. Journal of Urology. 2017;198;92-99	3
6594	I. T. Yaghnam, D.Rosenblatt, P.Chughtai, B., The feasibility of transvaginal robotic surgery in the repair of pelvic organ prolapse. International Urogynecology Journal. 2017;28;1263-1264	7
6595	M. G. Caversaccio, K.Wimmer, W.Williamson, T.Anso, J.Mantokoudis, G.Gerber, N.Rathgeb, C.Feldmann, A.Wagner, F.Scheidegger, O.Kompis, M.Weisstanner, C.Zoka-Assadi, M.Roesler, K.Anschuetz, L.Huth, M.Weber, S., Robotic cochlear implantation: surgical procedure and first clinical experience. Acta Oto-Laryngologica. 2017;137;447-454	5
6596	G. N. A. K. Moawad, E. D.Tyan, P.Shu, M. K.Samuel, D.Amdur, R.Scheib, S. A.Marfori, C. Q., Comparison of cost and operative outcomes of robotic hysterectomy compared to laparoscopic hysterectomy across different uterine weights. Journal of Robotic Surgery. 2017;11;433-439	13
6597	A. S. Bedirli, B.Nasirov, M.Dogan, I., A Novel Technique for Duodenal Resection and Primary Anastomosis With Robotic Assistance and OrVil. Journal of the Society of Laparoendoscopic Surgeons. 2017;21;Jan-Mar	2
6598	T. K. Iyigun, M.Gulbeyaz, S. O.Fistikci, N.Uyanik, G.Yilmaz, B.Onan, B.Erkanli, K., Patient body image, self-esteem, and cosmetic results of minimally invasive robotic cardiac surgery. International Journal Of Surgery. 2017;39;88-94	12

6599	A. O. C. Jaiprakash, W. B.Whitehouse, S. L.Pandey, A.Wu, L.Roberts, J.Crawford, R. W., Orthopaedic surgeon attitudes towards current limitations and the potential for robotic and technological innovation in arthroscopic surgery. Journal of Orthopaedic Surgery. 2017;25;2309499016684990	5
6600	E. L. Matanes, R.Mustafa-Mikhail, S.Amit, A.Wiener, Z.Lowenstein, L., Single Port Robotic Assisted Sacrocolpopexy: Our Experience With the First 25 Cases. Female Pelvic Medicine & Reconstructive Surgery. 2017;23;e14-e18	3
6601	M. D. A. Qadan, M. I.Kemeny, N. E.Cercek, A.Kingham, T. P., Robotic hepatic arterial infusion pump placement. HPB. 2017;19;429-435	12
6602	A. D. Gilbert, A.Ortega-Deballon, P.Rostain, F.Rat, P.Facy, O., Robot-Assisted Choledochoduodenostomy: A Safe and Reproducible Procedure for Benign Common Bile Duct Obstruction. Digestive Surgery. 2017;34;177-179	3
6603	H. K. Koike, Y.Iba, A.Kikkawa, K.Yamashita, S.Iguchi, T.Matsumura, N.Hara, I., Health-related quality of life after robot-assisted radical prostatectomy compared with laparoscopic radical prostatectomy. Journal of Robotic Surgery. 2017;11;325-331	12
6604	W. R. E. Boysen, J. S.Kim, C.Koh, C. J.Noh, P.Whittam, B.Palmer, B.Shukla, A.Kirsch, A.Gundeti, M. S., Multi-Institutional Review of Outcomes and Complications of Robot-Assisted Laparoscopic Extravesical Ureteral Reimplantation for Treatment of Primary Vesicoureteral Reflux in Children. Journal of Urology. 2017;197;1555-1561	3
6605	A. F. A. Ward, R. M.Toyoda, N.Fakiha, A.Neuburger, P. J.Ngai, J.Nampiaparampil, R. G.Yaffee, D. W.Loulmet, D. F.Grossi, E. A., Totally Endoscopic Robotic Left Atrial Appendage Closure Demonstrates High Success Rate. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;46-49	2
6606	C. M. Garcia-Sanchez, A. A.Conde-Sanchez, J. M.Congregado-Ruiz, C. B.Osman-Garcia, I.Medina-Lopez, R. A., Comparative analysis of short - term functional outcomes and quality of life in a prospective series of brachytherapy and Da Vinci robotic prostatectomy. International Braz J Urol. 2017;43;216-223	3
6607	B. T. Montane, K.Velez-Cubian, F. O.Echavarria, M. F.Thau, M. R.Patel, R. A.Rodriguez, K.Moodie, C. C.Garrett, J. R.Fontaine, J. P.Toloza, E. M., Effect of Obesity on Perioperative Outcomes After Robotic-Assisted Pulmonary Lobectomy. Surgical Innovation. 2017;24;122-132	3
6608	K. Y. Tatsugami, K.Shiroki, R.Eto, M.Yoshino, Y.Tozawa, K.Fukasawa, S.Fujisawa, M.Takenaka, A.Nasu, Y.Kashiwagi, A.Gotoh, M.Terachi, T.Japanese Society of, Endourology, Reality of nerve sparing and surgical margins in surgeons' early experience with robot-assisted radical prostatectomy in Japan. International Journal of Urology. 2017;24;191-196	3
6609	M. K. R. Kamel, M.Stiles, B. M.Nasar, A.Altorki, N. K.Port, J. L., Robotic Thymectomy: Learning Curve and Associated Perioperative Outcomes. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;685-690	4
6610	D. F. Horovitz, C.Messing, E. M.Joseph, J. V., Extraperitoneal vs. transperitoneal robot-assisted radical prostatectomy in patients with a history of prior inguinal hernia repair with mesh. Journal of Robotic Surgery. 2017;11;447-454	3
6611	M. W. Anand, A. L.Fruth, K. M.Trabuco, E. C.Gebhart, J. B., Symptom Relief and Retreatment After Vaginal, Open, or Robotic Surgery for Apical Vaginal Prolapse. Female Pelvic Medicine & Reconstructive Surgery. 2017;23;297-309	13
6612	A. S.-S. Sivaraman, R.Prapotnich, D.Yu, K.Olivier, F.Secin, F. P.Barret, E.Galiano, M.Rozet, F.Cathelineau, X., Learning curve of minimally invasive radical prostatectomy: Comprehensive evaluation and cumulative summation analysis of oncological outcomes. Urologic Oncology. 2017;35;149.e1-149.e6	1

6613	A. D. Pellegrino, G. R.Villa, M.Sportelli, C.Pezzotta, M. G., Robotic sacrocolpopexy for posthysterectomy vaginal vault prolapse: a case series of 31 patients by a single surgeon with a long term follow-up. Minerva Ginecologica. 2017;69;13-17	3
6614	M. D. Mustafa, J. W.Gorgel, S. N.Pisters, L., Robotic or Open Radical Prostatectomy in Men with Previous Transurethral Resection of Prostate. Urology Journal. 2017;14;2955-2960	12
6615	J. O. Park, Facelift Approach for Resecting Benign Upper Neck Masses. World Journal of Surgery. 2017;41;1488-1493	2
6616	Z. S. Lee, M.DeFoor, W. R.Reddy, P. P.VanderBrink, B. A.Minevich, E. A.Liss, Z.Corbyons, K.Noh, P. H., A Non-Narcotic Pathway for the Management of Postoperative Pain Following Pediatric Robotic Pyeloplasty. Journal of Endourology. 2017;31;255-258	3
6617	C. B. Gan, M.Piek, J.Halaska, M.Haidopoulos, D.Zapardiel, I.Grabowski, J. P.Kesic, V.Kimmig, R.Cibula, D.Lambaudie, E.Verheijen, R.Manchanda, R., Robotic and Advanced Laparoscopic Surgical Training in European Gynecological Oncology Trainees. International Journal of Gynecological Cancer. 2017;27;375-381	2
6618	A. T. Talasaz, A. L.Patel, R. V., The Role of Direct and Visual Force Feedback in Suturing Using a 7-DOF Dual-Arm Teleoperated System. IEEE Transactions on Haptics. 2017;10;276-287	2
6619	A. F. Villers, V.Arquimedes, R. C.Puech, P.Haber, G. P.Desai, M. M.Crouzet, S.Ouzzane, A.Gill, I. S., Robot-assisted partial prostatectomy for anterior prostate cancer: a step-by-step guide. BJU International. 2017;119;968-974	5
6620	P. A. Gilling, P.Tan, A., Aquablation of the Prostate for Symptomatic Benign Prostatic Hyperplasia: 1-Year Results. Journal of Urology. 2017;197;1565-1572	2
6621	W. P. W. Tan, P.Deane, L. A., Intentional Omission of Ureteral Stents During Robotic-assisted Intracorporeal Ureteroenteric Anastomosis: Is It Safe and Feasible?. Urology. 2017;102;116-120	2
6622	R. M. Rajaram, S.Bentrem, D. J.Pavey, E. S.Odell, D. D.Bharat, A.Bilimoria, K. Y.DeCamp, M. M., Nationwide Assessment of Robotic Lobectomy for Non-Small Cell Lung Cancer. Annals of Thoracic Surgery. 2017;103;1092-1100	13
6623	S. S. H. Bederman, P.Colin, V.Kiester, P. D.Bhatia, N. N., Robotic Guidance for S2-Alar-Iliac Screws in Spinal Deformity Correction. Clinical Spine Surgery : A Spine Publication. 2017;30;E49-E53	2
6624	L. E. S. Giugale, S.Lavelle, E. S.Carter-Brooks, C. M.Bonidie, M.Shepherd, J. P., Evaluating the Impact of Intraoperative Surgical Team Handoffs on Patient Outcomes. Female Pelvic Medicine & Reconstructive Surgery. 2017;23;288-292	2
6625	H. H. N. Balkhy, S.Arnsdorf, S. E.Krienbring, D. J., Right Internal Mammary Artery Use in 140 Robotic Totally Endoscopic Coronary Bypass Cases: Toward Multiarterial Grafting. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;44818	3
6626	T. H. T. Tsai, R. D.Su, Y. F.Wu, C. H.Tsai, C. Y.Lin, C. L., Pedicle screw placement accuracy of bone-mounted miniature robot system. Medicine. 2017;96;e5835	2
6627	G. P. Mattioli, L.Leonelli, L.Razore, B.Disma, N.Montobbio, G.Jasonni, V.Petralia, P.Pini Prato, A., A Provisional Experience with Robot-Assisted Soave Procedure for Older Children with Hirschsprung Disease: Back to the Future?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;546-549	2
6628	H. J. Y. Cha, B. J.Won, J. Y., An assembly-type master-slave catheter and guidewire driving system for vascular intervention. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2017;231;69-79	2

6629	K. L. Anderson, Jr.Adam, M. A.Thomas, S.Roman, S. A.Sosa, J. A., Impact of minimally invasive vs. open distal pancreatectomy on use of adjuvant chemoradiation for pancreatic adenocarcinoma. American Journal of Surgery. 2017;213;601-605	4
6630	R. S. P. Gerhard, D.Liu, Y.Ogan, K.Alemozaffar, M.Jani, A. B.Kucuk, O. N.Master, V. A.Gillespie, T. W.Filson, C. P., Treatment of men with high-risk prostate cancer based on race, insurance coverage, and access to advanced technology. Urologic Oncology. 2017;35;250-256	2
6631	G. M. Meccariello, F.Sgarzani, R.De Vito, A.D'Agostino, G.Gobbi, R.Bellini, C.Vicini, C., The reconstructive options for oropharyngeal defects in the transoral robotic surgery framework. Oral Oncology. 2017;66;108-111	5
6632	Y. P. Cerantola, G.Kassouf, W.Anidjar, M.Bladou, F., Does teaching of robotic partial nephrectomy affect renal function and perioperative outcomes?. Urologic Oncology. 2017;35;227-233	3
6633	O. M. Kara, M. J.Mouracade, P.Malkoc, E.Dagenais, J.Nelson, R. J.Chavali, J. S. S.Stein, R. J.Fergany, A.Kaouk, J. H., When Partial Nephrectomy is Unsuccessful: Understanding the Reasons for Conversion from Robotic Partial to Radical Nephrectomy at a Tertiary Referral Center. Journal of Urology. 2017;198;30-35	3
6634	T. I. Tarui, N.Watanabe, G., A Novel Robotic Bilateral Internal Mammary Artery Harvest Using Double Docking Technique for Coronary Artery Bypass Grafting. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2017;12;74-76	2
6635	A. G. Kumar, V.Asaf, B. B.Trikha, A.Sood, J.Vijay, C. L., Robotic thymectomy for myasthenia gravis with or without thymoma-surgical and neurological outcomes. Neurology India. 2017;65;58-63	3
6636	T. M. Glatz, G.Kulemann, B.Sick, O.Hopt, U. T.Hoeppner, J., Hybrid minimally invasive esophagectomy vs. open esophagectomy: a matched case analysis in 120 patients. Langenbecks Archives of Surgery. 2017;402;323-331	4
6637	N. G. de'Angelis, P.Amiot, A.Charpy, C.Disabato, M.Belgaumkar, A. P.Chahrour, A.Legou, F.Azoulay, D.Brunetti, F., Robotic Versus Laparoscopic Gastric Resection for Primary Gastrointestinal Stromal Tumors >5 cm: A Size-Matched and Location-Matched Comparison. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2017;27;65-71	12
6638	K. J. D. Pulman, E. S.Philp, L.Bernardini, M. Q.Ferguson, S. E.Laframboise, S.Atenafu, E. G.May, T., Comparison of three surgical approaches for staging lymphadenectomy in high-risk endometrial cancer. International Journal of Gynaecology & Obstetrics. 2017;136;315-319	12
6639	C. v. M. Tillier, H. A. M.Bloos-van der Hulst, J.Grivas, N.van der Poel, H. G., Vesico-urethral anastomosis (VUA) evaluation of short- and long-term outcome after robot-assisted laparoscopic radical prostatectomy (RARP): selective cystogram to improve outcome. Journal of Robotic Surgery. 2017;11;441-446	3
6640	A. F. Cestari, M.Sangalli, M.Zanoni, M.Ghezzi, M.Fabbri, F.Sozzi, F.Lolli, C.Dell'Acqua, V.Rigatti, P., Simple vs six-branches autologous suburethral sling during robot-assisted radical prostatectomy to improve early urinary continence recovery: prospective randomized study. Journal of Robotic Surgery. 2017;11;415-421	3
6641	M. S. T. Orlando, L.Abernethy, M. G.Chen, C. C. G., Retention of laparoscopic and robotic skills among medical students: a randomized controlled trial. Surgical Endoscopy. 2017;31;3306-3312	5
6642	A. R. O. Kural, C.Doganca, T., Can We Accomplish Better Oncological Results with Robot-Assisted Radical Prostatectomy?. Journal of Endourology. 2017;31;S54-S58	5

6643	D. F. Horovitz, C.Messing, E. M.Joseph, J. V., Extraperitoneal vs Transperitoneal Robot-Assisted Radical Prostatectomy in the Setting of Prior Abdominal or Pelvic Surgery. Journal of Endourology. 2017;31;366-373	3
6644	P. T. Whelan, W. P.Papagiannopoulos, D.Omotosho, P.Deane, L., Robotic assisted laparoscopic radical cystectomy with stentless intracorporeal modified Ves.Pa neobladder: early experience. Journal of Robotic Surgery. 2017;11;423-431	3
6645	N. W. Grivas, E.Pos, F.de Jong, J.Vegt, E.Bex, A.Hendricksen, K.Horenblas, S.KleinJan, G.van Rhijn, B.van der Poel, H., Sentinel Lymph Node Dissection to Select Clinically Node-negative Prostate Cancer Patients for Pelvic Radiation Therapy: Effect on Biochemical Recurrence and Systemic Progression. International Journal of Radiation Oncology, Biology, Physics. 2017;97;347-354	2
6646	L. B. C. Westermann, C. C.Mazloomdoost, D.Kleeman, S. D.Pauls, R. N., Comparative Perioperative Pain and Recovery in Women Undergoing Vaginal Reconstruction Versus Robotic Sacrocolpopexy. Female Pelvic Medicine & Reconstructive Surgery. 2017;23;95-100	13
6647	P. V. T. Gorphe, J.El Bedoui, S.Hartl, D. M.Auperin, A.Qassemyar, Q.Moya-Plana, A.Janot, F.Julieron, M.Temam, S., Early assessment of feasibility and technical specificities of transoral robotic surgery using the da Vinci Xi. Journal of Robotic Surgery. 2017;11;455-461	5
6648	A. A. Ruhle, E.Mattei, A.Danuser, H., The Watertightness of the Anastomosis After Laparoscopic or Robot-Assisted Pyeloplasty: Is a Drainage Necessary?. Journal of Endourology. 2017;31;295-299	3
6649	H. X. W. Yang, K. M.Sima, C. S.Bains, M. S.Adusumilli, P. S.Huang, J.Finley, D. J.Rizk, N. P.Rusch, V. W.Jones, D. R.Park, B. J., Long-term Survival Based on the Surgical Approach to Lobectomy For Clinical Stage I Nonsmall Cell Lung Cancer: Comparison of Robotic, Video-assisted Thoracic Surgery, and Thoracotomy Lobectomy. Annals of Surgery. 2017;265;431-437	13
6650	A. L. A. Stokes, S. D.Quintili, A.Puleo, F. J.Choi, C. S.Hollenbeak, C. S.Messaris, E., Liposomal Bupivacaine Use in Transversus Abdominis Plane Blocks Reduces Pain and Postoperative Intravenous Opioid Requirement After Colorectal Surgery. Diseases of the Colon & Rectum. 2017;60;170-177	2
6651	P. J. Morel, M.Cornateanu, S.Buehler, L.Majno, P.Toso, C.Buchs, N. C.Rubbia-Brandt, L.Hagen, M. E., Robotic versus open liver resections: A case-matched comparison. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	12
6652	B. H. Balachandran, T. A.Mustafa, T.Kochar, K.Sulo, S.Khorsand, J., A Comparative Study of Outcomes Between Single-Site Robotic and Multi-port Laparoscopic Cholecystectomy: An Experience from a Tertiary Care Center. World Journal of Surgery. 2017;41;1246-1253	12
6653	W. K. Johnston, 3rdLinsell, S.Miller, D.Ghani, K. R., Survey of Abdominal Access and Associated Morbidity for Robot-Assisted Radical Prostatectomy: Does Palmer's Point Warrant Further Awareness and Study?. Journal of Endourology. 2017;31;283-288	5
6654	M. M. Pohle, A.Fischer, T.Kempkensteffen, C.Busch, J.Cash, H.Miller, K.Hinz, S., The Effect of Evolving Strategies in the Surgical Management of Organ-Confined Prostate Cancer: Comparison of Data from 2005 to 2014 in a Multicenter Setting. Advances in Therapy. 2017;34;576-585	4
6655	N. C. Rubek, H. I.Charabi, B. W.Lajer, C. B.Kiss, K.Nielsen, H. U.Bentzen, J.Friborg, J.von Buchwald, C., Primary transoral robotic surgery with concurrent neck dissection for early stage oropharyngeal squamous cell carcinoma implemented at a Danish head and neck cancer center: a phase II trial on feasibility and tumour margin status. European Archives of Oto-Rhino-Laryngology. 2017;274;2229-2237	3

6656	K. S. V.-C. Kass, F. O.Zhang, W. W.Toosi, K.Tanvetyanon, T.Rodriguez, K. L.Thau, M. R.Garrett, J. R.Moodie, C. C.Fontaine, J. P.Toloza, E. M., Effect of advanced age on peri-operative outcomes after robotic-assisted pulmonary lobectomy: Retrospective analysis of 287 consecutive cases. Journal of Geriatric Oncology. 2017;8;102-107	3
6657	G. M. Antanavicius, R.Van Houtte, O., Total Robotic Biliopancreatic Diversion with Duodenal Switch Technique. Obesity Surgery. 2017;27;1104-1108	5
6658	Y. V. Quijano, E.Ielpo, B.Duran, H.Diaz, E.Fabra, I.Malave, L.Ferri, V.Plaza, C.Lindemann, J. L.D'Andrea, V.Caruso, R., Hepatobilio-pancreatic robotic surgery: initial experience from a single center institute. Journal of Robotic Surgery. 2017;11;355-365	3
6659	J. J. S. Ahn, M. E.Ellison, J. S.Lendvay, T. S., Pediatric Robot-assisted Redo Pyeloplasty With Buccal Mucosa Graft: A Novel Technique. Urology. 2017;101;56-59	3
6660	D. T. Hellingman, S. C.Donswijk, M. L.Rijkhorst, E. J.Moliner, L.Alamo, J.Loo, C. E.Valdes Olmos, R. A.Stokkel, M. P. M., A novel semi-robotized device for high-precision ¹⁸F-FDG-guided breast cancer biopsy. Revista Espanola de Medicina Nuclear e Imagen Molecular. 2017;36;158-165	2
6661	M. D. Z. Girgis, M. S.Steve, J.Bartlett, D. L.Zureikat, A.Zeh, H. J.Hogg, M. E., Robotic approach mitigates perioperative morbidity in obese patients following pancreaticoduodenectomy. HPB. 2017;19;93-98	12
6662	A. A. Ashfaq, K.Shah, A. A.Garvey, E. M.Chapital, A. B.Johnson, D. J.Harold, K. L., Incidence and outcomes of ventral hernia repair after robotic retropubic prostatectomy: A retrospective cohort of 570 consecutive cases. International Journal Of Surgery. 2017;38;74-77	3
6663	S. Yee, Transoral Robotic Surgery. AORN Journal. 2017;105;73-84	5
6664	A. C. Roubelakis, F.van der Merwe, J.Stockman, B.Degrieck, I.Van Praet, F., Robotic-enhanced coronary surgery in octogenarians. Interactive Cardiovascular & Thoracic Surgery. 2017;24;384-387	3
6665	M. T. Z. McMillan, A. H.Hogg, M. E.Kowalsky, S. J.Zeh, H. J.Sprys, M. H.Vollmer, C. M., Jr., A Propensity Score-Matched Analysis of Robotic vs Open Pancreatoduodenectomy on Incidence of Pancreatic Fistula. JAMA Surgery. 2017;152;327-335	12
6666	M. A. T. Adam, S.Youngwirth, L.Pappas, T.Roman, S. A.Sosa, J. A., Defining a Hospital Volume Threshold for Minimally Invasive Pancreaticoduodenectomy in the United States. JAMA Surgery. 2017;152;336-342	2
6667	M. E. J. Hagen, M. K.Ris, F.Fakhro, J.Buchs, N. C.Buehler, L.Morel, P., Early clinical experience with the da Vinci Xi Surgical System in general surgery. Journal of Robotic Surgery. 2017;11;347-353	2
6668	M. J. Y. Amsbaugh, M. B.Gaskins, J.Dragun, A. E.Dunlap, N.Guan, T.Woo, S., A Dose-Volume Response Model for Brain Metastases Treated With Frameless Single-Fraction Robotic Radiosurgery: Seeking to Better Predict Response to Treatment. Technology in Cancer Research & Treatment. 2017;16;344-351	3
6669	E. H. Diver, E.Gockley, A.Melamed, A.Contrino, L.Feldman, S.Growdon, W., Minimally Invasive Radical Hysterectomy for Cervical Cancer Is Associated With Reduced Morbidity and Similar Survival Outcomes Compared With Laparotomy. Journal of Minimally Invasive Gynecology. 2017;24;402-406	2
6670	D. H. Chauvet, S.Missistrano, A.Rebours, C.Bakkouri, W. E.Lot, G., Transoral robotic surgery for sellar tumors: first clinical study. Journal of Neurosurgery. 2017;127;941-948	3
6671	S. A. Albisinni, F.L. E. Dinh DZanaty, M.Hawaux, E.Peltier, A.V. A. N. Velthoven R, Comparing conventional laparoscopic to robotic-assisted extended pelvic lymph node dissection in men with intermediate and high-risk prostate cancer: a matched-pair analysis. Minerva Urologica e Nefrologica. 2017;69;101-107	12

6672	K. P. Wadhwa, G.Patterson, A.Barrett, T.Dalia, C.Koo, B. C.Gallagher, F. A.Serrao, E.Warren, A.Gnanapragasam, V.Shah, N.Doble, A.Kastner, C., Robotic assisted laparoscopic radical prostatectomy following transrectal compared to transperineal prostate biopsy: surgical, oncological and functional outcomes. Minerva Urologica e Nefrologica. 2017;69;85-92	3
6673	J. H. Schiffmann, A.Boehm, K.Salomon, G.Steuber, T.Heinzer, H.Huland, H.Graefen, M.Karakiewicz, P. I., Ten-year experience of robot-assisted radical prostatectomy: the road from cherry-picking to standard procedure. Minerva Urologica e Nefrologica. 2017;69;69-75	3
6674	A. S. Antonelli, M.Peroni, A.Mittino, I.Palumbo, C.Furlan, M.Carobbio, F.Tardanico, R.Fisogni, S.Simeone, C., Positive surgical margins and early oncological outcomes of robotic vs open radical prostatectomy at a medium case-load institution. Minerva Urologica e Nefrologica. 2017;69;63-68	12
6675	J. C. S. Ngu, S.Yusof, S.Ng, C. Y.Wong, A. S., Insight into the da Vinci R Xi - technical notes for single-docking left-sided colorectal procedures. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6676	B. Z. Tang, C.Li, C.Chen, J.Luo, H.Zeng, D.Yu, P., Robotic Total Mesorectal Excision for Rectal Cancer: A Series of 392 Cases and Mid-Term Outcomes from A Single Center in China. Journal of Gastrointestinal Surgery. 2017;21;569-576	3
6677	L. G. C. Luciani, S.Mattevi, D.Cai, T.Puglisi, M.Mantovani, W.Malossini, G., Robotic-assisted partial nephrectomy provides better operative outcomes as compared to the laparoscopic and open approaches: results from a prospective cohort study. Journal of Robotic Surgery. 2017;11;333-339	13
6678	Z. W. Song, G. H.Sun, L. L.Yi, B.Li, Z.Zhu, S. H., Comparative study of surgical knots using a domestically produced Chinese surgical robot, laparoscope, or barehanded approach. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6679	J. K. G. Addae, F.Fang, S. Y.Wick, E. C.Althumairi, A. A.Efron, J. E.Canner, J. K.Euhus, D. M.Schneider, E. B., A comparison of trends in operative approach and postoperative outcomes for colorectal cancer surgery. Journal of Surgical Research. 2017;208;111-120	4
6680	A. A. Rosales-Velderrain, F., Single-Port Robotic Cholecystectomy in Pediatric Patients: Single Institution Experience. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;434-437	3
6681	S. J. Golan, S. C.Maurice, M. J.Kaouk, J. H.Lai, W. R.Lee, B. R.Kheyfets, S. V.Sundaram, C. P.Cahn, D. B.Uzzo, R. G.Shalhav, A. L., Safety and early effectiveness of robot-assisted partial nephrectomy for large angiomyolipomas. BJU International. 2017;119;755-760	3
6682	R. A. Veeratterapillay, S. K.Jelley, C.Bailie, J.Rix, D.Bromage, S.Oakley, N.Weston, R.Soomro, N. A., Early surgical outcomes and oncological results of robot-assisted partial nephrectomy: a multicentre study. BJU International. 2017;120;550-555	3
6683	A. A. H. Hussein, N.Dibaj, S.May, P. R.Kozlowski, J. D.Abol-Enein, H.Abaza, R.Eun, D.Khan, M. S.Mohler, J. L.Agarwal, P.Pohar, K.Sarle, R.Boris, R.Mane, S. S.Hutson, A.Guru, K. A., Development, validation and clinical application of Pelvic Lymphadenectomy Assessment and Completion Evaluation: intraoperative assessment of lymph node dissection after robot-assisted radical cystectomy for bladder cancer. BJU International. 2017;119;879-884	1
6684	M. M. Haifler, Y.Dotan, Z.Ramon, J.Zilberman, D. E., Prophylactic antibiotic treatment following laparoscopic robot-assisted radical prostatectomy for the prevention of catheter-associated urinary tract infections: did the AUA guidelines make a difference?. Journal of Robotic Surgery. 2017;11;367-371	3
6685	A. P. Moglia, V.Ferrari, V.Morelli, L.Boggi, U.Ferrari, M.Mosca, F.Cuschieri, A., Influence of videogames and musical instruments on performances at a simulator for robotic surgery. Minimally Invasive Therapy & Allied Technologies: Mitat. 2017;26;129-134	2

6686	A. S. Angelou, A.Margonis, G. A.Moris, D.Tsigris, C.Pikoulis, E., Robotic single port cholecystectomy: current data and future perspectives. Minerva Chirurgica. 2017;72;140-145	5
6687	A. F. Abreu, C.Park, D.Quinn, D.Dorff, T.Carpten, J.Kuhn, P.Gill, P.Almeida, F.Gill, I., Robotic salvage retroperitoneal and pelvic lymph node dissection for 'node-only' recurrent prostate cancer: technique and initial series. BJU International. 2017;120;401-408	3
6688	R. D. S. Williams, C.Frank, R.Thiel, D. D., Has Sliding-Clip Renorrhaphy Eliminated the Need for Collecting System Repair During Robot-Assisted Partial Nephrectomy?. Journal of Endourology. 2017;31;289-294	3
6689	R. Z. G. Ballestero Diego, S.Truan Cacho, D.Carrion Ballardo, C.Velilla Diez, G.Calleja Hermosa, P.Gutierrez Banos, J. L., Initial experience with the new da Vinci single-port robot-assisted platform. Actas Urologicas Espanolas. 2017;41;333-337	3
6690	C. L. Bourgin, E.Houvenaeghel, G.Foucher, F.Leveque, J.Lavoue, V., Impact of age on surgical staging and approaches (laparotomy, laparoscopy and robotic surgery) in endometrial cancer management. European Journal of Surgical Oncology. 2017;43;703-709	3
6691	M. V. M. Vargas, G. N.Sievers, C.Opoku-Anane, J.Marfori, C. Q.Tyan, P.Robinson, J. K., Feasibility, Safety, and Prediction of Complications for Minimally Invasive Myomectomy in Women With Large and Numerous Myomata. Journal of Minimally Invasive Gynecology. 2017;24;315-322	4
6692	H. B. P. Zaid, W. P.Lohse, C. M.Cheville, J. C.Boorjian, S. A.Leibovich, B. C.Thompson, R. H., Patient factors associated with 30-day complications after partial nephrectomy: A contemporary update. Urologic Oncology. 2017;35;153.e1-153.e6	4
6693	A. Z. Chennamsetty, A.Tobis, S. B.Ruel, N.Lau, C. S.Yamzon, J.Wilson, T. G.Yuh, B. E., Lymph Node Fluorescence During Robot-Assisted Radical Prostatectomy With Indocyanine Green: Prospective Dosing Analysis. Clinical Genitourinary Cancer. 2017;15;e529-e534	3
6694	S. Y. K. Park, D. J.Do, Y. W.Suh, J.Lee, S., The Oncologic Outcome of Esophageal Squamous Cell Carcinoma Patients After Robot-Assisted Thoracoscopic Esophagectomy With Total Mediastinal Lymphadenectomy. Annals of Thoracic Surgery. 2017;103;1151-1157	3
6695	L. B. Lieberman, R.Dalela, D.Diaz-Insua, M.Abaza, R.Adshead, J.Ahlawat, R.Challacombe, B.Dasgupta, P.Gandaglia, G.Moon, D. A.Novara, G.Porpiglia, F.Mottrie, A.Bhandari, M.Rogers, C., Use of Main Renal Artery Clamping Predominates Over Minimal Clamping Techniques During Robotic Partial Nephrectomy for Complex Tumors. Journal of Endourology. 2017;31;149-152	3
6696	C. A. Lovegrove, K.Novara, G.Guru, K.Mottrie, A.Challacombe, B.der Poel, H. V.Peabody, J.Dasgupta, P., Modular Training for Robot-Assisted Radical Prostatectomy: Where to Begin?. Journal of Surgical Education. 2017;74;486-494	3
6697	K. M. O. M. Hatten, B. W., Jr.Bur, A. M.Patel, M. R.Rassekh, C. H.Newman, J. G.Cannady, S. B.Chalian, A. A.Hodnett, B. L.Lin, A.Lukens, J. N.Cohen, R. B.Bauml, J. M.Montone, K. T.Livolsi, V. A.Weinstein, G. S., Transoral Robotic Surgery-Assisted Endoscopy With Primary Site Detection and Treatment in Occult Mucosal Primaries. JAMA Otolaryngology-- Head & Neck Surgery. 2017;143;267-273	3
6698	A. P. Abiri, O.Tao, A.LaRocca, M.Liu, K.Genovese, B.Candler, R.Grundfest, W. S.Dutson, E. P., Tensile strength and failure load of sutures for robotic surgery. Surgical Endoscopy. 2017;31;3258-3270	5

6699	M. J. K. Maurice, J. H.Ramirez, D.Bhayani, S. B.Allaf, M. E.Rogers, C. G.Stifelman, M. D., Robotic Partial Nephrectomy for Posterior Tumors Through a Retroperitoneal Approach Offers Decreased Length of Stay Compared with the Transperitoneal Approach: A Propensity-Matched Analysis. Journal of Endourology. 2017;31;158-162	3
6700	J. J. C. L. Schmitt, D. A.Occhino, J. A.Weaver, A. L.Dowdy, S. C.Bakkum-Gamez, J. N.Pasupathy, K. S.Gebhart, J. B., Determining Optimal Route of Hysterectomy for Benign Indications: Clinical Decision Tree Algorithm. Obstetrics & Gynecology. 2017;129;130-138	5
6701	L. O. Thomaier, M.Abernethy, M.Paka, C.Chen, C. C. G., Laparoscopic and robotic skills are transferable in a simulation setting: a randomized controlled trial. Surgical Endoscopy. 2017;31;3279-3285	5
6702	A. T. Abiri, A.LaRocca, M.Guan, X.Askari, S. J.Bisley, J. W.Dutson, E. P.Grundfest, W. S., Visual-perceptual mismatch in robotic surgery. Surgical Endoscopy. 2017;31;3271-3278	5
6703	Z. P. Tsafrir, M.Dahlman, M.Nawfal, A. K.Aoun, J.Taylor, A.Fisher, J.Theoharis, E.Eisenstein, D., Long-term outcomes for different vaginal cuff closure techniques in robotic-assisted laparoscopic hysterectomy: A randomized controlled trial. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2017;210;44754	3
6704	A. A. G. Hussein, K. R.Peabody, J.Sarle, R.Abaza, R.Eun, D.Hu, J.Fumo, M.Lane, B.Montgomery, J. S.Hinata, N.Rooney, D.Comstock, B.Chan, H. K.Mane, S. S.Mohler, J. L.Wilding, G.Miller, D.Guru, K. A.Michigan Urological Surgery Improvement, CollaborativeApplied Technology Laboratory for Advanced Surgery, Program, Development and Validation of an Objective Scoring Tool for Robot-Assisted Radical Prostatectomy: Prostatectomy Assessment and Competency Evaluation. Journal of Urology. 2017;197;1237-1244	5
6705	W. S. L. Tan, B. W.Khetrapal, P.Tan, M. Y.Tan, M. E.Sridhar, A.Cervi, E.Rodney, S.Busuttil, G.Nathan, S.Hines, J.Shaw, G.Mohammed, A.Baker, H.Briggs, T. P.Klein, A.Richards, T.Kelly, J. D., Blood Transfusion Requirement and Not Preoperative Anemia Are Associated with Perioperative Complications Following Intracorporeal Robot-Assisted Radical Cystectomy. Journal of Endourology. 2017;31;141-148	3
6706	K. W. N. Choi, K. H.Lee, J. R.Chung, W. Y.Kang, S. W.Joe, Y. E.Lee, J. H., The Effects of Intravenous Lidocaine Infusions on the Quality of Recovery and Chronic Pain After Robotic Thyroidectomy: A Randomized, Double-Blinded, Controlled Study. World Journal of Surgery. 2017;41;1305-1312	3
6707	J. L. L. Holzmacher, S.Aziz, M.Amdur, R. L.Agarwal, S.Obias, V., The Use of Robotic and Laparoscopic Surgical Stapling Devices During Minimally Invasive Colon and Rectal Surgery: A Comparison. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;151-155	3
6708	A. S. Carneiro, A.Sanchez-Salas, R.Nunes-Silva, I.Baghdadi, M.Srougi, V.di Trapani, E.Uriburu Pizzaro, F.Doizi, S.Barret, E.Rozet, F.Galiano, M.Cathelineau, X., Higher number of transrectal ultrasound guided prostate biopsy cores is associated with higher blood loss and perioperative complications in robot assisted radical prostatectomy. Actas Urologicas Espanolas. 2017;41;155-161	3
6709	A. B. Oldani, P.Monni, M.Amato, B.Gentilli, S., Colorectal surgery in elderly patients: our experience with DaVinci Xi R System. Aging-Clinical & Experimental Research. 2017;29;91-99	3
6710	P. D. W. Chen, C. Y.Hu, R. H.Chen, C. N.Yuan, R. H.Liang, J. T.Lai, H. S.Wu, Y. M., Robotic major hepatectomy: Is there a learning curve?. Surgery. 2017;161;642-649	3

6711	C. H. Y. Frenkel, J.Zhang, M.Regenbogen, E.Telem, D. A.Samara, G. J., Trends and the utilization of transoral robotic surgery with neck dissection in New York State. Laryngoscope. 2017;127;1571-1576	3
6712	H. S. Z. Andrade, H.Akca, O.Kara, O.Caputo, P. A.Ramirez, D.Andres, G.Stein, R. J.Chueh, S. J.Kaouk, J. H., Is Robotic Partial Nephrectomy Safe for T3a Renal Cell Carcinoma? Experience of a High-Volume Center. Journal of Endourology. 2017;31;153-157	13
6713	G. D. R. Aprea, D.Milone, M.Rocca, A.Bianco, T.Massa, G.Compagna, R.Johnson, L. B.Sanguinetti, A.Polistena, A.Avenia, N.Amato, B., Laparoscopic distal pancreatectomy in elderly patients: is it safe?. Aging-Clinical & Experimental Research. 2017;29;41-45	2
6714	A. G. Cestari, A. C.Sangalli, M. N.Zanoni, M.Ferrari, M.Roviaro, G., Totally extraperitoneal (TEP) bilateral hernioplasty using the Single Site R robotic da Vinci platform (DV-SS TEP): description of the technique and preliminary results. Hernia. 2017;21;383-389	2
6715	S. H. L. Tsai, Y. C.Wu, N. Y.Chung, H. J., Split renal function of both kidneys after robot-assisted partial nephrectomy for renal tumor larger than 4 cm. International Urology & Nephrology. 2017;49;225-232	3
6716	L. M. Fregoli, G.Miccoli, M.Papini, P.Guarino, G.Wu, H. S.Miccoli, P., Postoperative Pain Evaluation After Robotic Transaxillary Thyroidectomy Versus Conventional Thyroidectomy: A Prospective Study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;146-150	12
6717	J. C. Woo, J. H.Seo, J. T.Kim, T. I.Yi, B. J., Development of a Robotic Colonoscopic Manipulation System, Using Haptic Feedback Algorithm. Yonsei Medical Journal. 2017;58;139-143	2
6718	J. H. L. Lim, W. J.Park, D. W.Yea, H. J.Kim, S. H.Kang, C. M., Robotic cholecystectomy using Revo-i Model MSR-5000, the newly developed Korean robotic surgical system: a preclinical study. Surgical Endoscopy. 2017;31;3391-3397	3
6719	S. U. J. Bae, W. K.Baek, S. K., Robot-Assisted Colectomy for Left-Sided Colon Cancer: Comparison of Reduced-Port and Conventional Multi-Port Robotic Surgery. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;398-403	3
6720	A. K. Buckley de Meritens, J.Dinkelspiel, H.Chapman-Davis, E.Caputo, T.Holcomb, K. M., Feasibility and Learning Curve of Robotic Laparoendoscopic Single-Site Surgery in Gynecology. Journal of Minimally Invasive Gynecology. 2017;24;323-328	3
6721	O. Y. C. Kudsi, A.Kaza, S.McCarty, J.Dickens, E.Martin, D.Tiesenga, F. M.Konstantinidis, K.Hirides, P.Mehendale, S.Gonzalez, A., Cosmesis, patient satisfaction, and quality of life after da Vinci Single-Site cholecystectomy and multiport laparoscopic cholecystectomy: short-term results from a prospective, multicenter, randomized, controlled trial. Surgical Endoscopy. 2017;31;3242-3250	12
6722	H. W. C. Yu, J. W.Yi, J. W.Song, R. Y.Lee, J. H.Kwon, H.Kim, S. J.Chai, Y. J.Choi, J. Y.Lee, K. E., Intraoperative localization of the parathyroid glands with indocyanine green and Firefly(R) technology during BABA robotic thyroidectomy. Surgical Endoscopy. 2017;31;3020-3027	3
6723	F. C. S. von Rundstedt, J. M.Agrawal, S.Zaneveld, J.Link, R. E., Utility of patient-specific silicone renal models for planning and rehearsal of complex tumour resections prior to robot-assisted laparoscopic partial nephrectomy. BJU International. 2017;119;598-604	3
6724	M. E. T. Currie, A.Rayman, R.Chu, M. W. A.Kiaii, B.Peters, T.Trejos, A. L.Patel, R., The role of visual and direct force feedback in robotics-assisted mitral valve annuloplasty. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3

6725	C. C. Miller, N. J.Dbeis, R.Daugherty, M.Batchelor, N.Waine, E.McGrath, J. S., Introduction of robot-assisted radical cystectomy within an established enhanced recovery programme. BJU International. 2017;120;265-272	3
6726	N. A. Raison, K.Fossati, N.Buffi, N.Mottrie, A.Dasgupta, P.Van Der Poel, H., Competency based training in robotic surgery: benchmark scores for virtual reality robotic simulation. BJU International. 2017;119;804-811	2
6727	D. J. A. Paulucci, R.Eun, D. D.Hemal, A. K.Badani, K. K., Robot-assisted partial nephrectomy: continued refinement of outcomes beyond the initial learning curve. BJU International. 2017;119;748-754	3
6728	H. L. Lee, D. H.Kim, H.Han, Y.Kim, S. W.Jang, J. Y., Single-incision robotic cholecystectomy: A special emphasis on utilization of transparent glove ports to overcome limitations of single-site port. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6729	S. B. S. Jazayeri, D. B., Prostate cancer in African Americans: Early oncological and functional outcomes after robotic prostatectomy. International Journal of Urology. 2017;24;236-237	3
6730	S. C. Seung, H.Jang, J.Kim, Y. S.Park, J. O.Park, S.Ko, S. Y., Virtual wall-based haptic-guided teleoperated surgical robotic system for single-port brain tumor removal surgery. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2017;231;44639	2
6731	V. C. Gallotta, C.Conte, C.Vizzielli, G.Petrillo, M.Fagotti, A.Chiantera, V.Costantini, B.Scambia, G.Ferrandina, G., Robotic Versus Laparoscopic Staging for Early Ovarian Cancer: A Case-Matched Control Study. Journal of Minimally Invasive Gynecology. 2017;24;293-298	2
6732	I. C. Sorokin, J. A., A query on da Vinci robot console preferences: insights for the novice surgeon. Journal of Robotic Surgery. 2017;11;231-233	5
6733	G. S. S. Bora, S.Mavuduru, R. S.Devana, S. K.Kumar, S.Mete, U. K.Singh, S. K.Mandal, A. K., Robot-assisted vesicovaginal fistula repair: a safe and feasible technique. International Urogynecology Journal. 2017;28;957-962	3
6734	M. K. Honda, B.Morizane, S.Hikita, K.Muraoka, K.Sejima, T.Takenaka, A., Impact of postoperative phosphodiesterase type 5 inhibitor treatment on lower urinary tract symptoms after robot-assisted radical prostatectomy: a longitudinal study. Scandinavian Journal of Urology. 2017;51;33-37	3
6735	J. C. Abitbol, R.Hunter, S.Rombaldi, M.Cohen, E.Kessous, R.Large, N.Reiss, A.Lau, S.Salvador, S.Gotlieb, W. H., Minimizing pain medication use and its associated costs following robotic surgery. Gynecologic Oncology. 2017;144;187-192	3
6736	C. N. Burks, L.Kumar, D.Fogg, L.Saha, C.Guirguis, A.Rotmensch, J.Dewdney, S., Evaluation of Pulmonary Complications in Robotic-Assisted Gynecologic Surgery. Journal of Minimally Invasive Gynecology. 2017;24;280-285	3
6737	M. D. H. Moisi, K.Tubbs, R. S.Page, J.Fisahn, C.Paulson, D.Jeyamohan, S.Delashaw, J.Hanscom, D.Oskouian, R. J.Chapman, J., Advancement of Surgical Visualization Methods: Comparison Study Between Traditional Microscopic Surgery and a Novel Robotic Optoelectronic Visualization Tool for Spinal Surgery. World Neurosurgery. 2017;98;273-277	2
6738	Y. E. Abu-Ghanem, T.Ramon, J.Dotan, Z.Zilberman, D. E., Robot assisted laparoscopic radical prostatectomy: assistant's seniority has no influence on perioperative course. Journal of Robotic Surgery. 2017;11;305-309	3
6739	A. S. Siddika, S.Siddiqi, S., Evolution of male rectal prolapse surgery and initial experience of robotic rectopexy in men. Journal of Robotic Surgery. 2017;11;311-316	2

6740	V. D. J. Sioulas, S.Chern, J. Y.Schiavone, M. B.Weiser, M. R.Kelvin, J. F.Gardner, G. J.Sonoda, Y.Abu-Rustum, N. R.Goodman, K. A.Leitao, M. M., Jr., Robotically Assisted Laparoscopic Ovarian Transposition in Women with Lower Gastrointestinal Cancer Undergoing Pelvic Radiotherapy. Annals of Surgical Oncology. 2017;24;251-256	3
6741	G. B. Cochetti, A.Barillaro, F.Pohja, S.Cirocchi, R.Mearini, E., Full Neurovascular Sparing Extraperitoneal Robotic Radical Prostatectomy: Our Experience with PERUSIA Technique. Journal of Endourology. 2017;31;32-37	3
6742	M. T. D. Marshall, A. D.Berger, J. H.Auge, B. K.Christman, M. S.Choe, C. H., Robot-assisted vasovasostomy using a single layer anastomosis. Journal of Robotic Surgery. 2017;11;299-303	3
6743	J. W. H. Collins, A.Adding, C.Nyberg, T.Koupparis, A.Rowe, E.Perry, M.Issa, R.Schumacher, M. C.Wijburg, C.Canda, A. E.Balbay, M.Decaestecker, K.Schwentner, C.Stenzl, A.Edeling, S.Pokupic, S.D'Hondt, F.Mottrie, A.Wiklund, P. N., Early Recurrence Patterns Following Totally Intracorporeal Robot-assisted Radical Cystectomy: Results from the EAU Robotic Urology Section (ERUS) Scientific Working Group. European Urology. 2017;71;723-726	3
6744	A. R. Giannini, E.Mannella, P.Palla, G.Pisaneschi, S.Cecchi, E.Maremmani, M.Morelli, L.Perutelli, A.Cela, V.Melfi, F.Simoncini, T., First series of total robotic hysterectomy (TRH) using new integrated table motion for the da Vinci Xi: feasibility, safety and efficacy. Surgical Endoscopy. 2017;31;3405-3410	3
6745	H. W. Guend, M.Patel, S.Nash, G. M.Paty, P. B.Guillem, J. G.Temple, L. K.Garcia-Aguilar, J.Weiser, M. R., Developing a robotic colorectal cancer surgery program: understanding institutional and individual learning curves. Surgical Endoscopy. 2017;31;2820-2828	3
6746	M. K.-K. Zawadzki, M.Gamian, A.Witkiewicz, W., Comparison of inflammatory responses following robotic and open colorectal surgery: a prospective study. International Journal of Colorectal Disease. 2017;32;399-407	12
6747	L. A. F. Moukarzel, A. N.Tanner, E. J., Feasibility of Robotic-Assisted Laparoendoscopic Single-Site Surgery in the Gynecologic Oncology Setting. Journal of Minimally Invasive Gynecology. 2017;24;258-263	3
6748	L. B. Johnson, W. D.Nguyen, L.Rice, J.Raj, M.Cunningham, M. J., Clinical comparison of robotic, laparoscopic, and open hysterectomy procedures for endometrial cancer patients. Journal of Robotic Surgery. 2017;11;291-297	13
6749	K. S. Kurosu, I.Shiomi, H.Mizuno, H.Yamaguchi, H.Okubo, H.Tamari, K.Seo, Y.Suzuki, O.Ota, S.Inoue, S.Ogawa, K., A robust measurement point for dose verification in delivery quality assurance for a robotic radiosurgery system. Journal of Radiation Research. 2017;58;378-385	2
6750	A. P. Toesca, N.Manconi, A.Galimberti, V.Intra, M.Colleoni, M.Bonanni, B.Curigliano, G.Rietjens, M.Viale, G.Sacchini, V.Veronesi, P., Robotic nipple-sparing mastectomy for the treatment of breast cancer: Feasibility and safety study. Breast. 2017;31;51-56	3
6751	L. M. C. Kissane, R.Grigorescu, B.Finamore, P.Vintzileos, A., Impact of Obesity on Robotic-Assisted Sacrocolpopexy. Journal of Minimally Invasive Gynecology. 2017;24;36-40	3
6752	P. S. R. Kingo, T. M.Norregaard, R.Borre, M.Hoyer, S.Jensen, J. B., Evaluation of robot-assisted laparoscopic versus open cystectomy and effect of carbon dioxide-pneumoperitoneum on histopathological findings in ureteroenteric anastomoses: results from an experimental randomized porcine study. Scandinavian Journal of Urology. 2017;51;50-56	7

6753	P. S. Gupta, J.Krishna, S.Adejoro, O.Wang, Q.Marsh, B.Nguyen, A.Genere, J. R.Self, P.Lund, E.Konety, B. R., Development of a Classification Scheme for Examining Adverse Events Associated with Medical Devices, Specifically the DaVinci Surgical System as Reported in the FDA MAUDE Database. Journal of Endourology. 2017;31;27-31	5
6754	E. A. Mitsinikos, G. A.Bider, Z.Kilday, P. S.Elliott, P. A.Banapour, P.Chien, G. W., Does the Level of Assistant Experience Impact Operative Outcomes for Robot-Assisted Partial Nephrectomy?. Journal of Endourology. 2017;31;38-42	3
6755	M. F. A. Ozcan, Z.Gurdal, C.Tan, S.Yildiz, Y.Bayraktar, S.Ozcan, A. N.Ener, K.Altinova, S.Arslan, M. E.Balbay, M. D., Does steep Trendelenburg positioning effect the ocular hemodynamics and intraocular pressure in patients undergoing robotic cystectomy and robotic prostatectomy?. International Urology & Nephrology. 2017;49;55-60	3
6756	J. S. L. Pak, J. J.Bilal, K.Finkelstein, M.Palese, M. A., Utilization trends and outcomes up to 3 months of open, laparoscopic, and robotic partial nephrectomy. Journal of Robotic Surgery. 2017;11;223-229	13
6757	S. A. Albisinni, F.Bellucci, S.Biaou, I.Limani, K.Hawaux, E.Peltier, A.van Velthoven, R., Comparing High-Intensity Focal Ultrasound Hemiablation to Robotic Radical Prostatectomy in the Management of Unilateral Prostate Cancer: A Matched-Pair Analysis. Journal of Endourology. 2017;31;14-19	3
6758	Maizlin, IIShroyer, M. C.Yu, D. C.Martin, C. A.Chen, M. K.Russell, R. T., Survey on Robot-Assisted Surgical Techniques Utilization in US Pediatric Surgery Fellowships. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;186-190	5
6759	G. J. O. K. Nason, F.White, S.Dunne, E.Smyth, G. P.Power, R. E., Patient reported functional outcomes following robotic-assisted (RARP), laparoscopic (LRP), and open radical prostatectomies (ORP). Irish Journal of Medical Science. 2017;186;835-840	12
6760	J. N. L. Harr, S.Kankaria, A.Juo, Y. Y.Agarwal, S.Obias, V., Robotic-assisted colorectal surgery in obese patients: a case-matched series. Surgical Endoscopy. 2017;31;2813-2819	3
6761	T. S. M. Meraj, D. G.Glazer, T. A.Harvey, R. S.Spector, M. E.Hoff, P. T., Does drug-induced sleep endoscopy predict surgical success in transoral robotic multilevel surgery in obstructive sleep apnea?. Laryngoscope. 2017;127;971-976	3
6762	Y. Y. Saito, H.Murakoshi, S.Komatsu, T.Fukatsu, K.Uetera, Y., Challenging Residual Contamination of Instruments for Robotic Surgery in Japan. Infection Control & Hospital Epidemiology. 2017;38;143-146	5
6763	S. H. Mattheis, P.Holtmann, L.Schafer, C.Geisthoff, U.Dominas, N.Lang, S., Flex Robotic System in transoral robotic surgery: The first 40 patients. Head & Neck. 2017;39;471-475	3
6764	A. M. Butter, N.Dave, S., Establishing a pediatric robotic surgery program in Canada. Journal of Robotic Surgery. 2017;11;207-210	5
6765	W. L. F. Law, D. C. C., Comparison of short-term and oncologic outcomes of robotic and laparoscopic resection for mid- and distal rectal cancer. Surgical Endoscopy. 2017;31;2798-2807	12
6766	E. J. P. Moskowitz, D. J.Reddy, B. N.Blum, K. A.Rosen, D. C.Abaza, R.Eun, D. D.Hemal, A. K.Krane, L. S.Badani, K. K., Predictors of Medical and Surgical Complications After Robot-Assisted Partial Nephrectomy: An Analysis of 1139 Patients in a Multi-Institutional Kidney Cancer Database. Journal of Endourology. 2017;31;223-228	3

6767	S. M. Lang, S.Hasskamp, P.Lawson, G.Guldner, C.Mandapathil, M.Schuler, P.Hoffmann, T.Scheithauer, M.Remacle, M., A european multicenter study evaluating the flex robotic system in transoral robotic surgery. Laryngoscope. 2017;127;391-395	3
6768	P. W. T. Chiu, A. Y.Wong, V. W.Yip, H. C.Chan, S. M.Wong, S. K.Ng, E. K., Robotic-assisted minimally invasive esophagectomy for treatment of esophageal carcinoma. Journal of Robotic Surgery. 2017;11;193-199	3
6769	A. O. H. Adelowo, M. R.Modest, A. M.Apostolis, C. A.Disciullo, A. J.Hanaway, K. J.Elkadry, E. E.Rosenblatt, P. L.Rogers, K. J.Hota, L. S., The Use of Mechanical Bowel Preparation in Pelvic Reconstructive Surgery: A Randomized Controlled Trial. Female Pelvic Medicine & Reconstructive Surgery. 2017;23;44568	2
6770	P. J. S. Frederick, J. B.Hussein, A. A.Kesterson, J. P.Shelton, J. A.Anderson, T. L.Barnabei, V. M.Guru, K., Surgical Competency for Robot-Assisted Hysterectomy: Development and Validation of a Robotic Hysterectomy Assessment Score (RHAS). Journal of Minimally Invasive Gynecology. 2017;24;55-61	1
6771	Z. K. Ficko, K.Hyams, E. S., High tech or high risk? An analysis of media reports about robotic surgery. Journal of Robotic Surgery. 2017;11;211-216	5
6772	P. D. W. Chen, C. Y.Hu, R. H.Chou, W. H.Lai, H. S.Liang, J. T.Lee, P. H.Wu, Y. M., Robotic Versus Open Hepatectomy for Hepatocellular Carcinoma: A Matched Comparison. Annals of Surgical Oncology. 2017;24;1021-1028	12
6773	A. E. Pai, S. M.Melich, G.Park, J. J.Lin, P. K.Prasad, L. M.Marecik, S. J., Robotic Site Adjusted Levator Transection for Carcinoma of the Rectum: A Modification of the Existing Cylindrical Abdominoperineal Resection for Eccentrically Located Tumors. World Journal of Surgery. 2017;41;590-595	3
6774	S. K. W. Kim, J. W.Park, I.Lee, J. H.Choe, J. H.Kim, J. H.Kim, J. S., Propensity score-matched analysis of robotic versus endoscopic bilateral axillo-breast approach (BABA) thyroidectomy in papillary thyroid carcinoma. Langenbecks Archives of Surgery. 2017;402;243-250	12
6775	A. F. L. Ward, T.Ogilvie, J. B.Patel, K. N.Hiotis, K.Bizekis, C.Zervos, M., Robot-assisted complete thymectomy for mediastinal ectopic parathyroid adenomas in primary hyperparathyroidism. Journal of Robotic Surgery. 2017;11;163-169	3
6776	S. A. Panteleimonitis, J.Ramachandra, M.Farooq, M.Harper, M.Parvaiz, A., Urogenital function in robotic vs laparoscopic rectal cancer surgery: a comparative study. International Journal of Colorectal Disease. 2017;32;241-248	12
6777	A. G. Kanashiro, J. M.Palou, J.Gausa, L.Villavicencio, H., Robot-assisted radical cystoprostatectomy: Analysis of the complications and oncological and functional aspects. Actas Urologicas Espanolas. 2017;41;267-273	3
6778	C. A. Benlice, E.Costedio, M.Kessler, H.Abbas, M. A.Remzi, F. H.Gorgun, E., Robotic, laparoscopic, and open colectomy: a case-matched comparison from the ACS-NSQIP. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	12
6779	W. E. Bennett, Jr.Whittam, B. M.Szymanski, K. M.Rink, R. C.Cain, M. P.Carroll, A. E., Validated cost comparison of open vs. robotic pyeloplasty in American children's hospitals. Journal of Robotic Surgery. 2017;11;201-206	4
6780	M. A. N. Jawad, L.Moon, R. C.Teixeira, A. F., Robotic-Assisted Laparoscopic Biliopancreatic Diversion, Vertical Sleeve Gastrectomy with Traditional Roux-en-Y Duodenal Switch. Obesity Surgery. 2017;27;263-266	3
6781	J. J. A. Howard, J.Navkar, N.Peyrat, J. M.Al-Ansari, A.Sigalet, D. L.Zarroug, A. E., Robotic-assisted minimally invasive surgery of the spine (RAMISS): a proof-of-concept study using carbon dioxide insufflation for multilevel posterior vertebral exposure via a sub-paraspinal muscle working space. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3

6782	L. J. N. Kuo, J. C.Tong, Y. S.Chen, C. C., Combined robotic transanal total mesorectal excision (R-taTME) and single-site plus one-port (R-SSPO) technique for ultra-low rectal surgery-initial experience with a new operation approach. International Journal of Colorectal Disease. 2017;32;249-254	3
6783	M. E. R. Hall, R. M., Should every medical student receive exposure to robotic surgery?. Journal of Robotic Surgery. 2017;11;375-376	5
6784	N. H. Hinata, A. A.George, S.Trump, D. L.Levine, E. G.Omar, K.Dasgupta, P.Khan, M. S.Hosseini, A.Wiklund, P.Guru, K. A., Impact of suboptimal neoadjuvant chemotherapy on peri-operative outcomes and survival after robot-assisted radical cystectomy: a multicentre multinational study. BJU International. 2017;119;605-611	3
6785	C. L. Salloum, C.Lahat, E.Gavara, C. G.Levesque, E.Compagnon, P.Azoulay, D., Robotic-Assisted Versus Laparoscopic Left Lateral Sectionectomy: Analysis of Surgical Outcomes and Costs by a Propensity Score Matched Cohort Study. World Journal of Surgery. 2017;41;516-524	12
6786	W. S. H. Duke, F. C.Kandil, E.Richmon, J. D.Singer, M. C.Terris, D. J., Remote Access Robotic Facelift Thyroidectomy: A Multi-institutional Experience. World Journal of Surgery. 2017;41;116-121	3
6787	J. C. O. M. Hu, P.Chughtai, B.Isaacs, A.Mao, J.Wright, J. D.Hershman, D.Sedrakyan, A., Comparative Effectiveness of Cancer Control and Survival after Robot-Assisted versus Open Radical Prostatectomy. Journal of Urology. 2017;197;115-121	12
6788	F. B. Raspagliesi, G.Martinelli, F.Signorelli, M.Scaffa, C.Sabatucci, I.Lorusso, D.Ditto, A., 3D vision improves outcomes in early cervical cancer treated with laparoscopic type B radical hysterectomy and pelvic lymphadenectomy. Tumori. 2017;103;76-80	2
6789	R. K. Torres, G.De Seta, D.Ferrary, E.Sterkers, O.Nguyen, Y., Improvement of the insertion axis for cochlear implantation with a robot-based system. European Archives of Oto-Rhino-Laryngology. 2017;274;715-721	5
6790	E. M. Malkoc, M. J.Kara, O.Ramirez, D.Nelson, R. J.Caputo, P. A.Mouracade, P.Stein, R.Kaouk, J. H., Robot-assisted approach improves surgical outcomes in obese patients undergoing partial nephrectomy. BJU International. 2017;119;283-288	13
6791	H. G. P. Nguyen, S.Cowan, J. E.Leapman, M.Cary, C.Welty, C.Weinberg, V.Cooperberg, M. R.Meng, M. V.Greene, K. L.Garcia, M.Carroll, P. R., A Randomized Study of Intraoperative Autologous Retropubic Urethral Sling on Urinary Control after Robotic Assisted Radical Prostatectomy. Journal of Urology. 2017;197;369-375	3
6792	M. K. Klemm, T.Grohl, J.Cheray, D.Nolden, M.Seitel, A.Hoppe, H.Maier-Hein, L.Franz, A. M., MITK-OpenIGTLink for combining open-source toolkits in real-time computer-assisted interventions. International Journal of Computer Assisted Radiology & Surgery. 2017;12;351-361	2
6793	L. N. P. Tchouta, H. S.Boffa, D. J.Blasberg, J. D.Detterbeck, F. C.Kim, A. W., Hospital Volume and Outcomes of Robot-Assisted Lobectomies. Chest. 2017;151;329-339	3
6794	M. W. Anand, A. L.Fruth, K. M.Borah, B. J.Klingele, C. J.Gebhart, J. B., Perioperative Complications and Cost of Vaginal, Open Abdominal, and Robotic Surgery for Apical Vaginal Vault Prolapse. Female Pelvic Medicine & Reconstructive Surgery. 2017;23;27-35	13
6795	V. E. P. Corona Montes, A. L.Gausa, L.Rodriguez-Faba, O.Breda, A.Palou, J., Robot assisted retroperitoneal lymph-node dissection after adjuvant therapy: different indications. Minerva Urologica e Nefrologica. 2017;69;153-158	3

6796	H. J. J. Kim, W. I.Chang, B. S.Lee, C. K.Kang, K. T.Yeom, J. S., A prospective, randomized, controlled trial of robot-assisted vs freehand pedicle screw fixation in spine surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	12
6797	M. K. Honda, B.Morizane, S.Hikita, K.Muraoka, K.Sejima, T.Takenaka, A., A prognostic model for predicting urinary incontinence after robot-assisted radical prostatectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6798	B. P. Pradere, B.Seisen, T.Khene, Z.Ruggiero, M.Vaessen, C.Verhoest, G.Mathieu, R.Roupret, M.Bensalah, K., Impact of Anticoagulant and Antiplatelet Drugs on Perioperative Outcomes of Robotic-assisted Partial Nephrectomy. Urology. 2017;99;118-122	3
6799	J. Y. L. Ku, C. H.Lee, J. Z.Ha, H. K., Comparison of functional outcomes between laparoscopic radical prostatectomy and robot-assisted laparoscopic radical prostatectomy: a propensity score-matched comparison study. Asia-Pacific Journal of Clinical Oncology. 2017;13;212-218	12
6800	X. L. D. Li, D. F.Jiang, H., The clinical experience of robot-assisted surgery in gynecologic cancer. Minimally Invasive Therapy & Allied Technologies: Mitat. 2017;26;119-123	13
6801	V. C. Gallotta, V.Conte, C.Vizzielli, G.Fagotti, A.Nero, C.Costantini, B.Lucidi, A.Cicero, C.Scambia, G.Ferrandina, G., Robotic Radical Hysterectomy After Concomitant Chemoradiation in Locally Advanced Cervical Cancer: A Prospective Phase II Study. Journal of Minimally Invasive Gynecology. 2017;24;133-139	3
6802	E. G. Cox, A.Nakoneshny, S. C.Zareinia, K.Hudon, M.Lysack, J. T.Sutherland, G. R.Dort, J. C., Improved transoral surgical tool design by CT measurements of the oral cavity and pharynx. Journal of Robotic Surgery. 2017;11;179-185	2
6803	E. R. Malkoc, D.Kara, O.Maurice, M. J.Nelson, R. J.Caputo, P. A.Kaouk, J. H., Robotic and open partial nephrectomy for localized renal tumors larger than 7 cm: a single-center experience. World Journal of Urology. 2017;35;781-787	13
6804	S. S. Chopra, G.Metcalfe, C.de Castro Abreu, A. L.Nabhani, J.Ferriero, M.Bove, A. M.Sotelo, R.Aron, M.Desai, M. M.Gallucci, M.Gill, I. S., Robot-assisted Level II-III Inferior Vena Cava Tumor Thrombectomy: Step-by-Step Technique and 1-Year Outcomes. European Urology. 2017;72;267-274	3
6805	N. C. Di Lorenzo, L.Simi, M.Arcudi, C.Tognoni, V.Gaspari, A. L.Valdastri, P., A magnetic levitation robotic camera for minimally invasive surgery: Useful for NOTES?. Surgical Endoscopy. 2017;31;2529-2533	7
6806	S. C. W. Dolejs, J. A.Ceppa, E. P.Zarzaur, B. L., Laparoscopic versus robotic colectomy: a national surgical quality improvement project analysis. Surgical Endoscopy. 2017;31;2387-2396	12
6807	L. P. P. Beyer, B.Michalik, K.Niessen, C.Dollinger, M.Muller, M.Schlitt, H. J.Stroszczynski, C.Wiggermann, P., Evaluation of a robotic system for irreversible electroporation (IRE) of malignant liver tumors: initial results. International Journal of Computer Assisted Radiology & Surgery. 2017;12;803-809	2
6808	M. A. D. Siebold, N. P.Fichera, L.Labadie, R. F.Webster, R. J., 3rdFitzpatrick, J. M., Safety margins in robotic bone milling: from registration uncertainty to statistically safe surgeries. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6809	D. H. Huynh, A.Haden, T.Jones, A.Pokala, N., Feasibility and safety study for the use of wound protectors during robotic radical cystectomy and ileal conduit. Journal of Robotic Surgery. 2017;11;187-191	3
6810	B. J. A. Linder, M.Klingele, C. J.Trabuco, E. C.Gebhart, J. B.Occhino, J. A., Outcomes of Robotic Sacrocolpopexy Using Only Absorbable Suture for Mesh Fixation. Female Pelvic Medicine & Reconstructive Surgery. 2017;23;13-16	3

6811	C. A. B. Unger, M. D.Walters, M. D.Paraiso, M. F. R.Ridgeway, B.Jelovsek, J. E., Long-Term Effectiveness of Uterosacral Colpopexy and Minimally Invasive Sacral Colpopexy for Treatment of Pelvic Organ Prolapse. Female Pelvic Medicine & Reconstructive Surgery. 2017;23;188-194	13
6812	H. H. G. Davila, T.Bruce, L.Landrey, C., Robotic and laparoendoscopic single-site utero-sacral ligament suspension for apical vaginal prolapse: evaluation of our technique and perioperative outcomes. Journal of Robotic Surgery. 2017;11;171-177	13
6813	R. Z. Liu, T.Zhao, Z. M.Tan, X. L.Zhao, G. D.Zhang, X.Xu, Y., The surgical outcomes of robot-assisted laparoscopic pancreaticoduodenectomy versus laparoscopic pancreaticoduodenectomy for periampullary neoplasms: a comparative study of a single center. Surgical Endoscopy. 2017;31;2380-2386	12
6814	D. R. B. Lim, S. U.Hur, H.Min, B. S.Baik, S. H.Lee, K. Y.Kim, N. K., Long-term oncological outcomes of robotic versus laparoscopic total mesorectal excision of mid-low rectal cancer following neoadjuvant chemoradiation therapy. Surgical Endoscopy. 2017;31;1728-1737	12
6815	P. F. Umari, N.Gandaglia, G.Pokorny, M.De Groote, R.Geurts, N.Goossens, M.Schatterman, P.De Naeyer, G.Mottrie, A., Robotic Assisted Simple Prostatectomy versus Holmium Laser Enucleation of the Prostate for Lower Urinary Tract Symptoms in Patients with Large Volume Prostate: A Comparative Analysis from a High Volume Center. Journal of Urology. 2017;197;1108-1114	3
6816	A. P. Villers, P.Flamand, V.Haber, G. P.Desai, M. M.Crouzet, S.Leroy, X.Chopra, S.Lemaitre, L.Ouzzane, A.Gill, I. S., Partial Prostatectomy for Anterior Cancer: Short-term Oncologic and Functional Outcomes. European Urology. 2017;72;333-342	2
6817	F. G. Montorsi, G.Fossati, N.Suardi, N.Pultrone, C.De Groote, R.Dovey, Z.Umari, P.Gallina, A.Briganti, A.Mottrie, A., Robot-assisted Salvage Lymph Node Dissection for Clinically Recurrent Prostate Cancer. European Urology. 2017;72;432-438	3
6818	S. B. S. Jazayeri, D.Lavery, H.Hobbs, A.Levinson, A.Samadi, D. B., Improvement of severe baseline lower urinary tract symptoms following robotic-assisted laparoscopic prostatectomy. Neurourology & Urodynamics. 2017;36;1382-1386	3
6819	R. D. S. Williams, C.Thiel, D. D., Assessment of Perioperative Variables That Predict the Need for Surgical Drains Following Robotic Partial Nephrectomy Utilizing Quantitative Drain Creatinine Analysis. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;43-47	3
6820	V. M. N. Lacroix, Z.Kahn, D.Steyaert, A.Poncelet, A.Pieters, T.Noirhomme, P., Pain, Quality of Life, and Clinical Outcomes after Robotic Lobectomy. Thoracic & Cardiovascular Surgeon. 2017;65;344-350	3
6821	M. J. L. Kim, J.Lee, S. G.Choi, J. B.Kim, T. H.Ban, E. J.Lee, C. R.Kang, S. W.Jeong, J. J.Nam, K. H.Jo, Y. S.Chung, W. Y., Transaxillary robotic modified radical neck dissection: a 5-year assessment of operative and oncologic outcomes. Surgical Endoscopy. 2017;31;1599-1606	12
6822	D. B. S. Samadi, D.Hobbs, A. R.Bernstein, A. N.Brajtbord, J.Lavery, H. J.Jazayeri, S. B., Clinicopathological, functional, and immediate oncologic outcome assessment in men aged<=50 years with prostate cancer after robotic prostatectomy. Urologic Oncology. 2017;35;30.e17-30.e24	3
6823	Y. L. Shi, L.Zhou, C.Zhu, M.Xie, L.Chai, G., A study of an assisting robot for mandible plastic surgery based on augmented reality. Minimally Invasive Therapy & Allied Technologies: Mitat. 2017;26;23-30	2
6824	X. H. Xiao, Z.Rube, M. A.Melzer, A., Investigation of active tracking for robotic arm assisted magnetic resonance guided focused ultrasound ablation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2

6825	J. C. L. Wang, W. R.Traore, E. J.Liu, J.Sholl, A. B.Mandava, S. H.Maddox, M. M.Mitchell, G. C.Viriyasiripong, S.Silberstein, J. L.Kittles, R.Lee, B. R., Racial Disparities in Histology and Short-Term Renal Functional Outcomes Following Robotic Nephron-Sparing Surgery. Clinical Genitourinary Cancer. 2017;15;203-206	3
6826	S. J. C. Shin, H.Kwon, S. H.Cha, S. D.Cho, C. H., New suturing technique for robotic-assisted vaginal cuff closure during single-site hysterectomy. Journal of Robotic Surgery. 2017;11;139-143	2
6827	P. D. P. Grande, G. B.Mordasini, L.Ferrari, M.Wurnschimmel, C.Danuser, H.Mattei, A., Prospective Randomized Trial Comparing Titanium Clips to Bipolar Coagulation in Sealing Lymphatic Vessels During Pelvic Lymph Node Dissection at the Time of Robot-assisted Radical Prostatectomy. European Urology. 2017;71;155-158	3
6828	E. H. Moss, M. E.Binongo, J. N.Murphy, D. A., Prevention of Unilateral Pulmonary Edema Complicating Robotic Mitral Valve Operations. Annals of Thoracic Surgery. 2017;103;98-104	3
6829	S. S. C. Goonewardene, D., The Da Vinci Xi and robotic radical prostatectomy-an evolution in learning and technique. Journal of Robotic Surgery. 2017;11;111-113	5
6830	G. D. A. R. Santok, A.Kim, L. H.Chang, K.Lum, T. G.Chung, B. H.Choi, Y. D.Rha, K. H., Perioperative and short-term outcomes of Retzius-sparing robot-assisted laparoscopic radical prostatectomy stratified by gland size. BJU International. 2017;119;135-141	3
6831	R. N. Schiavina, G.Borghesi, M.Ficarra, V.Ahlawat, R.Moon, D. A.Porpiglia, F.Challacombe, B. J.Dasgupta, P.Brunocilla, E.La Manna, G.Volpe, A.Verma, H.Martorana, G.Mottrie, A., PADUA and R.E.N.A.L. nephrometry scores correlate with perioperative outcomes of robot-assisted partial nephrectomy: analysis of the Vattikuti Global Quality Initiative in Robotic Urologic Surgery (GQI-RUS) database. BJU International. 2017;119;456-463	3
6832	G. I. L. Lee, M. R.Green, I.Allaf, M.Marohn, M. R., Surgeons' physical discomfort and symptoms during robotic surgery: a comprehensive ergonomic survey study. Surgical Endoscopy. 2017;31;1697-1706	1
6833	G. H. Arevalo, K.Sadiq, A.Calin, M. L.Nasri, B.Singh, K., Repair of Morgagni Hernia in Adults with Primary Closure and Mesh Placement: First Robotic Experience. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2017;27;529-532	3
6834	E. R. Kamara, J.Bas, M. A.Rodriguez, J. A.Hepinstall, M. S., Adoption of Robotic vs Fluoroscopic Guidance in Total Hip Arthroplasty: Is Acetabular Positioning Improved in the Learning Curve?. Journal of Arthroplasty. 2017;32;125-130	12
6835	M. E. Shimbo, F.Matsushita, K.Iwabuchi, T.Fujisaki, A.Kyono, Y.Hishiki, K.Muraishi, O.Hattori, K., Incidence, Risk Factors and a Novel Prevention Technique for Inguinal Hernia after Robot-Assisted Radical Prostatectomy. Urologia Internationalis. 2017;98;54-60	3
6836	P. Z.-S. Sharma, K.Poch, M. A.Pow-Sang, J. M.Sexton, W. J.Spiess, P. E.Gilbert, S. M., Surgical control and margin status after robotic and open cystectomy in high-risk cases: Caution or equivalence?. World Journal of Urology. 2017;35;657-663	13
6837	A. E. Gonzalez, E.Romero, R.Walker, G.Mejias, J.Gallas, M.Dickens, E.Johnson, C. J.Rabaza, J.Kudsi, O. Y., Robotic-assisted ventral hernia repair: a multicenter evaluation of clinical outcomes. Surgical Endoscopy. 2017;31;1342-1349	3

6838	D. S. N. Strosberg, M. C.Muscarella, P., 2ndNarula, V. K., A retrospective comparison of robotic cholecystectomy versus laparoscopic cholecystectomy: operative outcomes and cost analysis. Surgical Endoscopy. 2017;31;1436-1441	12
6839	F. T. Annino, L.Autieri, D.Verdacchi, T.De Angelis, M.Asimakopoulos, A. D., Robotic partial nephrectomy performed with Airseal versus a standard CO₂ pressure pneumoperitoneum insufflator: a prospective comparative study. Surgical Endoscopy. 2017;31;1583-1590	3
6840	D. D. Yu, C.Morrow, M. M.Yang, L.Collins, J. W.Hallbeck, S.Kjellman, M.Forsman, M., Intraoperative workload in robotic surgery assessed by wearable motion tracking sensors and questionnaires. Surgical Endoscopy. 2017;31;877-886	3
6841	K. K. Mizuno, Y.Kurokawa, S.Kamisawa, H.Nishio, H.Moritoki, Y.Nakane, A.Maruyama, T.Okada, A.Kawai, N.Tozawa, K.Kohri, K.Yasui, T.Hayashi, Y., Robot-assisted laparoscopic pyeloplasty for ureteropelvic junction obstruction: comparison between pediatric and adult patients-Japanese series. Journal of Robotic Surgery. 2017;11;151-157	3
6842	C. M. Dorfer, G.Czech, T.Stefanits, H.Feucht, M.Pataraia, E.Baumgartner, C.Kronreif, G.Wolfsberger, S., A novel miniature robotic device for frameless implantation of depth electrodes in refractory epilepsy. Journal of Neurosurgery. 2017;126;1622-1628	7
6843	E. P. Schommer, V. R.Mouraviev, V.Thomas, C.Thiel, D. D., Diffusion of Robotic Technology Into Urologic Practice has Led to Improved Resident Physician Robotic Skills. Journal of Surgical Education. 2017;74;55-60	1
6844	J. L. Schiffmann, A.Sun, M.Tian, Z.Berdugo, J.Leva, I.Widmer, H.Lattouf, J. B.Zorn, K.Haese, A.Shariat, S. F.Saad, F.Montorsi, F.Graefen, M.Karakiewicz, P. I., Differences in Patient Characteristics among Men Choosing Open or Robot-Assisted Radical Prostatectomy in Contemporary Practice - Analysis of Surveillance, Epidemiology, and End Results Database. Urologia Internationalis. 2017;98;40-48	4
6845	F. C. Montevecchi, G.Meccariello, G.D'Agostino, G.Hsu, Y. S.Galletti, B.Vicini, C., Trans-oral robotic surgery (TORS) for the treatment of lingual tonsillitis. When conventional therapies fail. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6846	D. J. R. Paulucci, D. C.Sfakianos, J. P.Whalen, M. J.Abaza, R.Eun, D. D.Krane, L. S.Hemal, A. K.Badani, K. K., Selective arterial clamping does not improve outcomes in robot-assisted partial nephrectomy: a propensity-score analysis of patients without impaired renal function. BJU International. 2017;119;430-435	3
6847	J. K. O. Jo, J. J.Lee, S.Jeong, S. J.Hong, S. K.Byun, S. S.Lee, S. E., Can robot-assisted laparoscopic radical prostatectomy (RALP) be performed very soon after biopsy?. World Journal of Urology. 2017;35;605-612	3
6848	A. A. C. Wagner, P. J.Carneiro, A.Dovirak, O.Khosla, A.Taylor, K. N.Crociani, C. M.McAnally, K. C.Percy, A.Dewey, L. E.Sanda, M. G.Chang, P., Clinical Use of Expanded Prostate Cancer Index Composite for Clinical Practice to Assess Patient Reported Prostate Cancer Quality of Life Following Robot-Assisted Radical Prostatectomy. Journal of Urology. 2017;197;109-114	3
6849	G. S. B. Bora, D.Mavuduru, R. S.Kumar, S.Devana, S. K.Singh, S. K.Mandal, A. K., Robot-assisted bilateral simultaneous pyeloplasty: safe and feasible. Journal of Robotic Surgery. 2017;11;145-149	3
6850	S. d. C. A. Chopra, A. L.Berger, A. K.Sehgal, S.Gill, I.Aron, M.Desai, M. M., Evolution of robot-assisted orthotopic ileal neobladder formation: a step-by-step update to the University of Southern California (USC) technique. BJU International. 2017;119;185-191	3

6851	N. M. L. Buffi, G.Hurle, R.Lazzeri, M.Taverna, G.Bozzini, G.Bertolo, R.Checcucci, E.Porpiglia, F.Fossati, N.Gandaglia, G.Larcher, A.Suardi, N.Montorsi, F.Lista, G.Guazzoni, G.Mottrie, A., Robot-assisted Surgery for Benign Ureteral Strictures: Experience and Outcomes from Four Tertiary Care Institutions. European Urology. 2017;71;945-951	3
6852	A. D. Pellegrino, G. R.Fachechi, G.Corso, S.Pirovano, C.Trio, C.Villa, M.Turoli, D.Youssef, A., Cost analysis of minimally invasive hysterectomy vs open approach performed by a single surgeon in an Italian center. Journal of Robotic Surgery. 2017;11;115-121	13
6853	M. G. Moschini, G.Fossati, N.Dell'Oglio, P.Cucchiara, V.Luzzago, S.Zaffuto, E.Suardi, N.Damiano, R.Shariat, S. F.Montorsi, F.Briganti, A., Incidence and Predictors of 30-Day Readmission After Robot-Assisted Radical Prostatectomy. Clinical Genitourinary Cancer. 2017;15;67-71	3
6854	Y. J. H. Chen, D.Nguyen, S.Chin, E.Divino, C.Zhang, L., Outcomes of robot-assisted versus laparoscopic repair of small-sized ventral hernias. Surgical Endoscopy. 2017;31;1275-1279	12
6855	B. K. P. C. Goh, C. Y.Lee, S. Y.Chan, W. H.Cheow, P. C.Chow, P. K. H.Ooi, LlpjChung, A. Y. F., Factors associated with and consequences of open conversion after laparoscopic distal pancreatectomy: initial experience at a single institution. ANZ Journal of Surgery. 2017;87;E271-E275	2
6856	G. D. M. Cacciamani, V.Siracusano, S.De Marchi, D.Bizzotto, L.Cerruto, M. A.Motton, G.Porcaro, A. B.Artibani, W., A new training model for robot-assisted urethrovesical anastomosis and posterior muscle-fascial reconstruction: the Verona training technique. Journal of Robotic Surgery. 2017;11;123-128	5
6857	M. O. Sieffert, J.Johnson, M.Hicks, T.Hellan, M., Novel technique of robotic extralevator abdominoperineal resection with gracilis flap closure. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6858	A. S. Kumar, S.Bates, A. S.Mouraviev, V.Coelho, R. F.Rocco, B.Patel, V. R., Safety of selective nerve sparing in high risk prostate cancer during robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2017;11;129-138	3
6859	A. D. Gangemi, R.Elli, F. E.Bianco, F.Masrur, M.Giulianotti, P. C., Could ICG-aided robotic cholecystectomy reduce the rate of open conversion reported with laparoscopic approach? A head to head comparison of the largest single institution studies. Journal of Robotic Surgery. 2017;11;77-82	12
6860	G. Y. Menikou, C.Yiannakou, M.Damianou, C., MRI-guided focused ultrasound robotic system for the treatment of bone cancer. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6861	A. M. C. Jarc, M. J., Viewpoint matters: objective performance metrics for surgeon endoscope control during robot-assisted surgery. Surgical Endoscopy. 2017;31;1192-1202	5
6862	Y. J. S. Chai, H.Woo, J. W.Yu, H. W.Song, R. Y.Kwon, H.Lee, K. E., Surgical safety and oncological completeness of robotic thyroidectomy for thyroid carcinoma larger than 2 cm. Surgical Endoscopy. 2017;31;1235-1240	12
6863	M. J. R. Maurice, D.Kaouk, J. H., Robotic Laparoendoscopic Single-site Retroperitioneal Renal Surgery: Initial Investigation of a Purpose-built Single-port Surgical System. European Urology. 2017;71;643-647	7
6864	S. Z. Chen, Q.Jin, J. B.Wu, Z. C.Shi, Y.Cheng, D. F.Chen, H.Deng, X. X.Shen, B. Y.Peng, C. H.Li, H. W., Robot-assisted laparoscopic versus open middle pancreatectomy: short-term results of a randomized controlled trial. Surgical Endoscopy. 2017;31;962-971	12

6865	S. J. K. Hyun, K. J.Jahng, T. A.Kim, H. J., Minimally Invasive Robotic Versus Open Fluoroscopic-guided Spinal Instrumented Fusions: A Randomized Controlled Trial. Spine. 2017;42;353-358	12
6866	A. V. M. Maker, V. K., Techniques to perform robotic left adrenalectomy in the obese patient. Surgical Endoscopy. 2017;31;950	3
6867	E. J. V. A. Moore, K. M.Olsen, K. D., Transoral robotic surgery in the seated position: Rethinking our operative approach. Laryngoscope. 2017;127;122-126	7
6868	M. T. Takahashi, M.Nishinari, N.Matsuya, H.Tosha, T.Minagawa, Y.Shimooki, O.Abe, T., Clinical evaluation of complete solo surgery with the "ViKY^R" robotic laparoscope manipulator. Surgical Endoscopy. 2017;31;981-986	2
6869	M. G.-P. Gonzalez-Sanchez, I.Mera-Velasco, S.Cuesta-Vargas, A. I., Comparison of fatigue accumulated during and after prolonged robotic and laparoscopic surgical methods: a cross-sectional study. Surgical Endoscopy. 2017;31;1119-1135	1
6870	L. D. Wang, M.Stricker, H.Peabody, J. O.Menon, M.Rogers, C. G., Adding a newly trained surgeon into a high-volume robotic prostatectomy group: are outcomes compromised?. Journal of Robotic Surgery. 2017;11;69-74	3
6871	D. K. L. Bowen, B. W.Cheng, E. Y.Gong, E. M., Can proctoring affect the learning curve of robotic-assisted laparoscopic pyeloplasty? Experience at a high-volume pediatric robotic surgery center. Journal of Robotic Surgery. 2017;11;63-67	3
6872	A. S. Abdel Raheem, A.Kim, D. K.Alatawi, A.Alabdulaali, I.Han, W. K.Choi, Y. D.Rha, K. H., Da Vinci Xi and Si platforms have equivalent perioperative outcomes during robot-assisted partial nephrectomy: preliminary experience. Journal of Robotic Surgery. 2017;11;53-61	3
6873	N. G. Harke, M.Habibzada, J.Urbanova, K.Wagner, C.Zecha, H.Addali, M.Witt, J. H., Postoperative patient comfort in suprapubic drainage versus transurethral catheterization following robot-assisted radical prostatectomy: a prospective randomized clinical trial. World Journal of Urology. 2017;35;389-394	3
6874	N. R. Abdullah, H.Barod, R.Dalela, D.Larson, J.Johnson, M.Mass, A.Zargar, H.Kaouk, J.Allaf, M.Bhayani, S.Stifelman, M.Rogers, C., Use of the Satinsky clamp for hilar clamping during robotic partial nephrectomy: indications, technique, and multi-center outcomes. Journal of Robotic Surgery. 2017;11;47-51	3
6875	C. J. A. Zdanski, G. K.Walsh, J. M.Drake, A. F.Rose, A. S.Hackman, T. G.Zanation, A. M., Transoral robotic surgery for upper airway pathology in the pediatric population. Laryngoscope. 2017;127;247-251	3
6876	J. W. K. Woo, S. K.Park, I.Choe, J. H.Kim, J. H.Kim, J. S., A novel robotic surgical technique for thyroid surgery: bilateral axillary approach (BAA). Surgical Endoscopy. 2017;31;667-672	3
6877	G. P. Turchetti, F.Palla, I.Manetti, S.Freschi, C.Ferrari, V.Cuschieri, A., Comparative health technology assessment of robotic-assisted, direct manual laparoscopic and open surgery: a prospective study. Surgical Endoscopy. 2017;31;543-551	12
6878	J. A. C. Warren, W. S.Ewing, J. A.Carbonell, A. M., Standard laparoscopic versus robotic retromuscular ventral hernia repair. Surgical Endoscopy. 2017;31;324-332	12
6879	V. Student, Jr.Vidlar, A.Grepl, M.Hartmann, I.Buresova, E.Student, V., Advanced Reconstruction of Vesicourethral Support (ARVUS) during Robot-assisted Radical Prostatectomy: One-year Functional Outcomes in a Two-group Randomised Controlled Trial. European Urology. 2017;71;822-830	3
6880	N. E. Keric, D. J.Afghanyar, F.Rachwal-Czyzewicz, I.Renovanz, M.Conrad, J.Wesp, D. M.Kantelhardt, S. R.Giese, A., Evaluation of surgical strategy of conventional vs. percutaneous robot-assisted spinal trans-pedicular instrumentation in spondylodiscitis. Journal of Robotic Surgery. 2017;11;17-25	12

6881	H. Y. C. Kim, H. S.Lee, D. S.Yoo, J. M.Lee, S. J., Extending the indication for robot-assisted retroperitoneal partial nephrectomy to antero-lateral renal tumors. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6882	K. Y. Mori, S.Yamagata, Y.Aikou, S.Seto, Y., Preclinical study of transcervical upper mediastinal dissection for esophageal malignancy by robot-assisted surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	7
6883	X. L. Hu, I. H., Robotic-guided sacro-pelvic fixation using S2 alar-iliac screws: feasibility and accuracy. European Spine Journal. 2017;26;720-725	2
6884	A. S. Kumar, S.Mouraviev, V.Bates, A. S.Coelho, R. F.Rocco, B.Patel, V. R., Predictive factors and oncological outcomes of persistently elevated prostate-specific antigen in patients following robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2017;11;37-45	3
6885	S. M. G. Pearce, S.Gorin, M. A.Luckenbaugh, A. N.Williams, S. B.Ward, J. F.Montgomery, J. S.Hafez, K. S.Weizer, A. Z.Pierorazio, P. M.Allaf, M. E.Eggener, S. E., Safety and Early Oncologic Effectiveness of Primary Robotic Retroperitoneal Lymph Node Dissection for Nonseminomatous Germ Cell Testicular Cancer. European Urology. 2017;71;476-482	3
6886	J. D. Silva-Velazco, D. W.Stocchi, L.Costedio, M.Gorgun, E.Kalady, M. F.Kessler, H.Lavery, I. C.Remzi, F. H., Considering Value in Rectal Cancer Surgery: An Analysis of Costs and Outcomes Based on the Open, Laparoscopic, and Robotic Approach for Proctectomy. Annals of Surgery. 2017;265;960-968	12
6887	G. D. L. Gandaglia, E.Novara, G.Fossati, N.De Groote, R.Dovey, Z.Suardi, N.Montorsi, F.Briganti, A.Rocco, B.Mottrie, A., Robot-assisted Radical Prostatectomy and Extended Pelvic Lymph Node Dissection in Patients with Locally-advanced Prostate Cancer. European Urology. 2017;71;249-256	3
6888	D. M. O. M. Golombos, P.Lewicki, P.Stone, B. V.Scherr, D. S., Robot-assisted partial cystectomy: perioperative outcomes and early oncological efficacy. BJU International. 2017;119;128-134	3
6889	P. J. H. Schuler, T. K.Veit, J. A.Rotter, N.Friedrich, D. T.Greve, J.Scheithauer, M. O., Hybrid procedure for total laryngectomy with a flexible robot-assisted surgical system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	7
6890	A. A. Ahmad, Z. F.Carleton, J. D.Agarwala, A., Robotic surgery: current perceptions and the clinical evidence. Surgical Endoscopy. 2017;31;255-263	5
6891	W. d. A. Brinkman, I.Schreuder, H.Schout, B.Draaisma, W.Verweij, L.Hendrikx, A.van der Poel, H., Current training on the basics of robotic surgery in the Netherlands: Time for a multidisciplinary approach?. Surgical Endoscopy. 2017;31;281-287	5
6892	B. W. Yi, G.Li, J.Jiang, J.Son, Z.Su, H.Zhu, S.Wang, S., Domestically produced Chinese minimally invasive surgical robot system "Micro Hand S" is applied to clinical surgery preliminarily in China. Surgical Endoscopy. 2017;31;487-493	3
6893	Y. S. Wang, J.Ma, X.Du, Q.Gong, H.Zhang, X., Robotic and open partial nephrectomy for complex renal tumors: a matched-pair comparison with a long-term follow-up. World Journal of Urology. 2017;35;73-80	13
6894	W. L. H. Su, J. W.Wang, S. N.Lee, K. T., Comparison study of clinical outcomes between single-site robotic cholecystectomy and single incision laparoscopic cholecystectomy. Asian Journal of Surgery. 2017;40;424-428	12
6895	A. R. C. Gargiulo, S.Srouji, S. S.Cedo, L. E.Escobar, P. F., Coaxial robot-assisted laparoendoscopic single-site myomectomy. Journal of Robotic Surgery. 2017;11;27-35	3

6896	U. D. Patel, P.Challacombe, B.Cahill, D.Brown, C.Patel, R.Kirby, R., Pre-biopsy 3-Tesla MRI and targeted biopsy of the index prostate cancer: correlation with robot-assisted radical prostatectomy. BJU International. 2017;119;82-90	3
6897	K. A. F. Scherr, A.Wei, J. T.Williamson, L. D.Ubel, P. A., Treatment Availability Influences Physicians' Portrayal of Robotic Surgery During Clinical Appointments. Health Communication. 2017;32;119-125	5
6898	R. G.-A. Garcia-Roca, S.Tzvetanov, I.Jeon, H.Oberholzer, J.Benedetti, E., Single Center Experience With Robotic Kidney Transplantation for Recipients With BMI of 40 kg/m2 Or Greater: A Comparison With the UNOS Registry. Transplantation. 2017;101;191-196	13
6899	L. F. L. Brandao, H.Akca, O.Autorino, R.Zargar, H.De, S.Krishnam, J.Pallavi, P.Monga, M.Stein, R. J.Magi-Galluzzi, C.Andreoni, C.Kaouk, J. H., Robot-assisted ureteral reconstruction using a tubularized peritoneal flap: a novel technique in a chronic porcine model. World Journal of Urology. 2017;35;89-96	7
6900	A. I. T. Salem, M. R.Strom, T. J.Abbott, A. M.Saeed, N.Almhanna, K.Hoffe, S. E.Shridhar, R.Karl, R. C.Meredith, K. L., Effect of body mass index on operative outcome after robotic-assisted Ivor-Lewis esophagectomy: retrospective analysis of 129 cases at a single high-volume tertiary care center. Diseases of the Esophagus. 2017;30;44568	3
6901	R. M. F. Higgins, M. J.Bosler, M. E.Gould, J. C., Cost analysis of robotic versus laparoscopic general surgery procedures. Surgical Endoscopy. 2017;31;185-192	12
6902	F. P. C. Secin, O. A.Rozanec, J. J.Featherston, M.Holst, P.Milfont, J. C.Garcia Marchinena, P.Jurado Navarro, A.Autran, A.Rovegno, A. R.Faba, O. R.Palou, J.Teixeira Dubeux, V.Nunez Bragayrac, L.Sotelo, R.Zequi, S.Guimaraes, G. C.Alvarez-Maestro, M.Martinez-Pineiro, L.Villoldo, G.Villaronga, A.Abreu Clavijo, D.Decia, R.Frota, R.Vidal-Mora, I.Finkelstein, D.Monzo Gardiner, J. I.Schatloff, O.Hernandez-Porras, A.Santaella-Torres, F.Quesada, E. T.Sanchez-Salas, R.Davila, H.Mavric, H. V., American Confederation of Urology (CAU) experience in minimally invasive partial nephrectomy. World Journal of Urology. 2017;35;57-65	5
6903	A. J. B. Hung, T.Clifford, T. G.Serang, S.Nakhoda, Z. K.Shah, S. H.Yokoi, H.Aron, M.Gill, I. S., Structured learning for robotic surgery utilizing a proficiency score: a pilot study. World Journal of Urology. 2017;35;27-34	4
6904	G. K. Minchev, G.Martinez-Moreno, M.Dorfer, C.Micko, A.Mert, A.Kiesel, B.Widhalm, G.Knosp, E.Wolfsberger, S., A novel miniature robotic guidance device for stereotactic neurosurgical interventions: preliminary experience with the iSYS1 robot. Journal of Neurosurgery. 2017;126;985-996	7
6905	T. F. Bahls, F. A.Hellings, A.Deutschmann, B.Albu-Schaffer, A. O., Extending the Capability of Using a Waterjet in Surgical Interventions by the Use of Robotics. IEEE Transactions on Biomedical Engineering. 2017;64;284-294	2
6906	W. P. Xu, C. C.Yam, Y.Chiu, P. W., Motion compensated controller for a tendon-sheath-driven flexible endoscopic robot. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6907	K. L. G. Watts, P.Stein, S.Ghavamian, R., Value of Nephrometry Score Constituents on Perioperative Outcomes and Split Renal Function in Patients Undergoing Minimally Invasive Partial Nephrectomy. Urology. 2017;99;112-117	13
6908	D. S. D. Pinnaduwage, M.Lometti, M. W.Varad, B.Roach, M., 3rdGottschalk, A. R., An Evaluation of Robotic and Conventional IMRT for Prostate Cancer: Potential for Dose Escalation. Technology in Cancer Research & Treatment. 2017;16;267-275	2
6909	D. V. L. Makarov, H.Lepor, H.Gross, C. P.Blustein, J., Teaching Hospitals and the Disconnect Between Technology Adoption and Comparative Effectiveness Research: The Case of the Surgical Robot. Medical Care Research & Review. 2017;74;369-376	2

6910	F. K. Aalamifar, R.Cheng, A.Guo, X.Iordachita, I.Boctor, E. M., Enabling technologies for robot assisted ultrasound tomography. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6911	M. H. L. G. Liow, G. S.Wong, M. K.Chin, P. L.Tay, D. K.Yeo, S. J., Robotic-assisted total knee arthroplasty may lead to improvement in quality-of-life measures: a 2-year follow-up of a prospective randomized trial. Knee Surgery, Sports Traumatology, Arthroscopy. 2017;25;2942-2951	12
6912	S. Y. J. Kang, I. C.Chung, Y. J.Kim, H. K.Lee, C. R.Mansukhani, T. S.Kim, M. R., Robot-assisted laparoscopic myomectomy for deep intramural myomas. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6913	S. K. Janki, K. W. J.Hagen, S. M.Terkivatan, T.Betjes, M. G. H.Tran, T. C. K.Ijzermans, J. N. M., Robotic surgery rapidly and successfully implemented in a high volume laparoscopic center on living kidney donation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	1
6914	E. K. S. Greenleaf, S. X.Hollenbeak, C. S.Wong, J., Minimally invasive surgery for gastric cancer: the American experience. Gastric Cancer. 2017;20;368-378	12
6915	A. M. Alenezi, A.Eves, S.Gray, R.Thomas, A.Meiers, I.Sharif, H.Motiwala, H.Laniado, M.Karim, O., Robotic assisted laparoscopic partial nephrectomy using contrast-enhanced ultrasound scan to map renal blood flow. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6916	V. C. Phe, S.Parra, J.Bitker, M. O.Ambrogi, V.Vaessen, C.Roupret, M., Outcomes of a virtual-reality simulator-training programme on basic surgical skills in robot-assisted laparoscopic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6917	I. S. L. Sarkaria, M. J.Bianco, V. J.Bains, M. S.Rusch, V. W.Jones, D. R.Rizk, N. P., Early operative outcomes and learning curve of robotic assisted giant paraesophageal hernia repair. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6918	C. D. A. Vicini, G.Meccariello, G.De Virgilio, A.Montevecchi, F., Robotic-assisted surgery for the management of velopharyngeal insufficiency and nasopharyngeal stenosis. Clinical Otolaryngology. 2017;42;1432-1434	5
6919	W. S. Schwalb, B.Smith, J., A force-sensing surgical tool with a proximally located force/torque sensor. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6920	B. K. C. Goh, C. Y.Soh, H. L.Lee, S. Y.Cheow, P. C.Chow, P. K.Ooi, L. L.Chung, A. Y., A comparison between robotic-assisted laparoscopic distal pancreatectomy versus laparoscopic distal pancreatectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	12
6921	H. E.-M. Al-Thani, A.Mekkodathil, A.Elgohary, H.Tabeb, A. H., Robotic management of gastric stromal tumors (GIST): a single Middle Eastern center experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	2
6922	S. L. Amraoui, L.Sohal, M.Jansens, J. L.Berte, B.Derval, N.Denis, A.Ploux, S.Haissaguerre, M.Jais, P.Bordachar, P.Ritter, P., Alternative to left ventricular lead implantation through the coronary sinus: 1-year experience with a minimally invasive and robotically guided approach. Europace. 2017;19;88-95	3
6923	L. G. Morelli, S.Di Franco, G.Palmeri, M.Caprili, G.D'Isidoro, C.Cobuccio, L.Marciano, E.Di Candio, G.Mosca, F., Use of the new da Vinci Xi R during robotic rectal resection for cancer: a pilot matched-case comparison with the da Vinci Si R. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3
6924	G. W. Wang, Z.Jiang, Z.Liu, J.Zhao, J.Li, J., Male urinary and sexual function after robotic pelvic autonomic nerve-preserving surgery for rectal cancer. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2017;13;	3

6925	J. D. R. Wright, G. B.Schulkin, J.Fialkow, M. F., Attitudes and Beliefs Regarding the Utility of Robotically Assisted Gynecologic Surgery Among Practicing Gynecologists. Journal for Healthcare Quality. 2017;39;211-218	5
6926	K. S. S. Han, G. H.You, D.Song, C.Jeong, I. G.Hong, J. H.Ahn, H.Kim, C. S.Hong, B., Comparison of Hand-Assisted Laparoscopic vs Robot-Assisted Laparoscopic vs Open Partial Nephrectomy in Patients with T1 Renal Masses. Journal of Endourology. 2017;31;374-379	13
6927	Y. A. K. Weil, A.Mosheiff, R.Kaplan, L.Liebergall, M.Schroeder, J. E., Robotic assisted fixation of sacral fractures: A pilot study. OTA International : The Open Access Journal of Orthopaedic Trauma. 2019;2;e046	3
6928	I. D. Georgilas, G.Alves Martins, B.Tarassoli, P.Morad, S.Georgilas, K.Koehler, P.Atkins, R.Dogramadzi, S., Design and Evaluation of a Percutaneous Fragment Manipulation Device for Minimally Invasive Fracture Surgery. Frontiers in Robotics & AI. 2019;6;103	2
6929	S. Y. Abeywardena, Q.Tzemanaki, A.Psomopoulou, E.Droukas, L.Melhuish, C.Dogramadzi, S., Estimation of Tool-Tissue Forces in Robot-Assisted Minimally Invasive Surgery Using Neural Networks. Frontiers in Robotics & AI. 2019;6;56	5
6930	Z. D. A. Cheng, D.Foti, S.Mariani, A.Chupin, T.Caldwell, D. G.Ferrigno, G.De Momi, E.Mattos, L. S.Fiorini, P., Design and Integration of Electrical Bio-impedance Sensing in Surgical Robotic Tools for Tissue Identification and Display. Frontiers in Robotics & AI. 2019;6;55	2
6931	H. G. Saeidi, J.Kam, M.Opfermann, J. D.Leonard, S.Joshi, A. S.Krieger, A., Supervised Autonomous Electrosurgery via Biocompatible Near-Infrared Tissue Tracking Techniques. IEEE Transactions on Medical Robotics and Bionics. 2019;1;228-236	2
6932	S. T. Tiryaki, B.Kismali, E.Ulman, I., Robotic partial nephrectomy in a child with kidney tumor. Turkish Journal of Urology. 2019;45;S188-S191	3
6933	B. W. M. Weyers, M.Sun, T.Bec, J.Bewley, A. F.Gandour-Edwards, R. F.Moore, M. G.Farwell, D. G.Marcu, L., Fluorescence lifetime imaging for intraoperative cancer delineation in transoral robotic surgery. Translational Biophotonics. 2019;1;	3
6934	A. U. Ebrahimi, M.Patel, N.He, C.Taylor, R. H.Gehlbach, P.Iordachita, I., Towards securing the sclera against patient involuntary head movement in robotic retinal surgery. Roman. 2019;;	7
6935	A. A. Ebrahimi, F.Zimmer-Galler, I. E.Gehlbach, P.Taylor, R. H.Iordachita, I., Toward Improving Patient Safety and Surgeon Comfort in a Synergic Robot-Assisted Eye Surgery: A Comparative Study. Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems. 2019;2019;7075-7082	3
6936	A. H. Ebrahimi, C.Patel, N.Kobilarov, M.Gehlbach, P.Iordachita, I., Sclera Force Control in Robot-assisted Eye Surgery: Adaptive Force Control vs. Auditory Feedback. International Symposium on Medical Robotics. 2019;;	5
6937	A. P. Ebrahimi, N.He, C.Gehlbach, P.Kobilarov, M.Iordachita, I., Adaptive Control of Sclera Force and Insertion Depth for Safe Robot-Assisted Retinal Surgery. IEEE International Conference on Robotics & Automation. 2019;2019;9073-9079	2
6938	C. P. He, N.Iordachita, I.Kobilarov, M., Enabling Technology for Safe Robot-Assisted Retinal Surgery: Early Warning for Unsafe Scleral Force. IEEE International Conference on Robotics & Automation. 2019;2019;3889-3894	5
6939	T. K. Cosgun, E.Ayalp, K.Toker, A., An antiquated contraindication for minimally invasive lung surgery: No place to staple the bronchus. Gogus Kalp Damar Cerrahisi Dergisi. 2019;27;521-525	3

6940	A. U. S. Gullu, S.Kocyigit, M.Okten, E. M.Dumantepe, M.Karabulut, H.Alhan, C., The feasibility of robotic-assisted concomitant procedures during mitral valve operations. Gogus Kalp Damar Cerrahisi Dergisi. 2019;27;478-483	3
6941	X. Y. Luo, F.Zeng, H. Q.Du, Y. P., Endoscopic video defogging using luminance blending. Healthcare Technology Letters. 2019;6;280-285	2
6942	Z. C. Zhao, T.Chang, F.Cheng, X., Real-time surgical instrument detection in robot-assisted surgery using a convolutional neural network cascade. Healthcare Technology Letters. 2019;6;275-279	5
6943	M. M. Kalia, P.Navab, N.Salcudean, S. E., Marker-less real-time intra-operative camera and hand-eye calibration procedure for surgical augmented reality. Healthcare Technology Letters. 2019;6;255-260	2
6944	L. L. Qiu, C.Ren, H., Real-time surgical instrument tracking in robot-assisted surgery using multi-domain convolutional neural network. Healthcare Technology Letters. 2019;6;159-164	2
6945	K. T. Jacobsen, S.Boyer, J. H., The benefits of digital drainage system versus traditional drainage system after robotic-assisted pulmonary lobectomy. Journal of Thoracic Disease. 2019;11;5328-5335	3
6946	K. J. P. Na, S.Park, I. K.Kim, Y. T.Kang, C. H., Outcomes after total robotic esophagectomy for esophageal cancer: a propensity-matched comparison with hybrid robotic esophagectomy. Journal of Thoracic Disease. 2019;11;5310-5320	3
6947	C. H. Li, Y.Huang, J.Li, J.Jiang, L.Lin, H.Lu, P.Luo, Q., Comparison of robotic-assisted lobectomy with video-assisted thoracic surgery for stage IIB-IIIA non-small cell lung cancer. Translational Lung Cancer Research. 2019;8;820-828	13
6948	M. K. Goel, S. R.Kanetkar, A.Patkar, S., Outcome of Robot-Assisted Radical Cholecystectomy in a High-Volume Tertiary Cancer Center in India. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part B, Videoscopy. 2019;29;17	8
6949	T. E. Moller, J. H.Eichhorn, M.Hofmann, H. S.Kruger, I.Ruckert, J. C.Sandhaus, T.Steinert, M., Current status and evolution of robotic-assisted thoracic surgery in Germany-results from a nationwide survey. Journal of Thoracic Disease. 2019;11;4807-4815	5
6950	B. S. Wang, S. Y.Shin, H.Roh, C. K.Hur, H.Han, S. U., Feasibility of Linear-Shaped Gastroduodenostomy during the Performance of Totally Robotic Distal Gastrectomy. Journal of Gastric Cancer. 2019;19;438-450	12
6951	R. S. C. Matulewicz, G. T.Huang, C. C.Bochner, B. H.Goh, A. C., Evolution in technique of robotic intracorporeal continent catheterizable pouch after cystectomy. Urology Video Journal. 2019;4;	2
6952	Q. L. Wang, Y.Hu, H.Zhang, J.Qin, B.Zhu, J.Dirie, N. I.Zhang, Z.Wang, S., Management of recurrent ureteral stricture: a retrospectively comparative study with robot-assisted laparoscopic surgery versus open approach. PeerJ. 2019;7;e8166	13
6953	M. C. Benazzo, P.Mauramati, S.Sovardi, F.Occhini, A.Maiorano, E.Trisolini, G.Morbini, P., Transoral Robot-Assisted Surgery in Supraglottic and Oropharyngeal Squamous Cell Carcinoma: Laser Versus Monopolar Electrocautery. Journal of Clinical Medicine. 2019;8;7	3
6954	K. J. Sirisopana, P.Sangkum, P.Kijvikai, K.Pacharatakul, S.Leenanupun, C.Kochakarn, W.Kongchareonsombat, W., Perioperative outcomes of robotic-assisted laparoscopic radical prostatectomy, laparoscopic radical prostatectomy and open radical prostatectomy: 10 years of cases at Ramathibodi Hospital. Translational Andrology & Urology. 2019;8;467-475	12

6955	L. F. L. Sun, K.Su, X. S.Wei, X.Chen, X. L.Zhang, W. H.Chen, X. Z.Yang, K.Zhou, Z. G.Hu, J. K., Robot-Assisted versus Laparoscopic-Assisted Gastrectomy among Gastric Cancer Patients: A Retrospective Short-Term Analysis from a Single Institution in China. Gastroenterology research & practice. 2019;2019;9059176	12
6956	A. I. K. Iaremenko, T. E.Sharova, O. L., Endoscopically-Associated Hairline Approach to Excision of Second Branchial Cleft Cysts. Indian Journal of Otolaryngology & Head & Neck Surgery. 2019;71;618-627	2
6957	F. S. Gaboardi, S.Mantica, G.Marchi, D.Passaretti, G.Pini, G.Saitta, G.Suardi, N., Minimally-invasive robotic pyeloplasty: the 'window technique'. Central European Journal of Urology. 2019;72;331	8
6958	T. A. Kermenli, C., Evaluation of surgical procedures in primary mediastinal cysts and tumors: single-center experience. Kardiochirurgia I Torakochirurgia Polska. 2019;16;109-113	2
6959	L. L. Chen, L. P.Wen, N.Qiao, X.Meng, Y. G., Comparative analysis of robotic vs laparoscopic radical hysterectomy for cervical cancer. World Journal of Clinical Cases. 2019;7;3185-3193	13
6960	Y. O. Itatani, T.Kawada, K.Hida, K.Oshima, N.Inamoto, S.Mizuno, R.Okuchi, Y.Sakai, Y., Robot-assisted low anterior resection after aluminum potassium sulfate and tannic acid sclerosing therapy for internal hemorrhoids. Surgical Case Reports. 2019;5;160	3
6961	J. L. Chen, Q.Zhang, X.Yang, H.Tan, Z.Lin, Y.Fu, J., Comparisons of short-term outcomes between robot-assisted and thoraco-laparoscopic esophagectomy with extended two-field lymph node dissection for resectable thoracic esophageal squamous cell carcinoma. Journal of Thoracic Disease. 2019;11;3874-3880	13
6962	H. D. Takeyama, K.Nishigaki, T.Yamashita, M.Yamazaki, M.Yamakita, T.Nishihara, A.Taniguchi, H.Mizutani, M.Nakamichi, I.Yura, M.Ikeda, K.Oka, Y., Robot-assisted laparoscopic surgery after placing a self-expanding metallic stent for malignant rectal obstruction: a case report. Surgical Case Reports. 2019;5;156	3
6963	A. P. Rajanbabu, N.Appukuttan, A.Asok, A., Efficacy of laparoscopic-guided transversus abdominis plane block for patients undergoing robotic-assisted gynaecologic surgery: A randomised control trial. Indian Journal of Anaesthesia. 2019;63;841-846	3
6964	J. D. Anso, C.Apelt, M.Venail, F.Scheidegger, O.Seidel, K.Rohrbach, H.Forterre, F.Dettmer, M. S.Zlobec, I.Weber, K.Matulic, M.Zoka-Assadi, M.Huth, M.Caversaccio, M.Weber, S., Prospective Validation of Facial Nerve Monitoring to Prevent Nerve Damage During Robotic Drilling. Frontiers in Surgery. 2019;6;58	2
6965	I. H. K. Shao, H. C.Liu, C. Y.Lin, P. H.Yu, K. J.Pang, S. T.Wu, C. T.Chuang, C. K.Chang, Y. H., Role Of Robot-Assisted Partial Nephrectomy For Renal Cell Carcinomas In The Purpose Of Nephron Sparing. OncoTargets and therapy. 2019;12;8189-8196	13
6966	P. M. Schertz, S.Livert, D.Mulligan, J.Rohatgi, C., Comparison of Intraoperative Outcomes between Single-incision Robotic Cholecystectomy and Multi-incision Robotic Cholecystectomy. Cureus. 2019;11;e5386	3
6967	A. P. N. Hvolbek, P. M.Sanguedolce, F.Lund, L., A prospective study of the effect of video games on robotic surgery skills using the high-fidelity virtual reality RobotiX simulator. Advances in Medical Education & Practice. 2019;10;627-634	1
6968	W. C. C. Lan, W. D.Tsai, M. H.Tsou, Y. A., Trans-oral robotic surgery versus coblation tongue base reduction for obstructive sleep apnea syndrome. PeerJ. 2019;7;e7812	12
6969	D. A. Motoyama, R.Matsushita, Y.Tamura, K.Ito, T.Sugiyama, T.Otsuka, A.Miyake, H., Early Single-Center Experience with Robotic Partial Nephrectomy Using the da Vinci Xi: Comparative Assessment with Conventional Open Partial Nephrectomy. Current Urology. 2019;13;13-18	13

6970	M. V. Ucar, A. T.Gulkesen, K. H.Caylan, A. E.Kutlu, O.Guntekin, E., Does The Learning Curve Affect the Surgical, Functional, and Oncologic Outcomes in Bilateral Nerve-Sparing Robot Assisted Laparoscopic Prostatectomy?. Cureus. 2019;11;e5274	4
6971	R. L. Peltrini, G.Cassese, G.Amendola, A.Caruso, E.Sacco, M.Pagano, G.Sollazzo, V.Tufano, A.Giglio, M. C.Bucci, L.Palma, G. D., Oncological Outcomes and Quality of Life After Rectal Cancer Surgery. Open Medicine. 2019;14;653-662	2
6972	T. U. Aiba, K.Aoba, T.Hiramatsu, K.Kato, T.Nagino, M., Short-term outcomes of robotic-assisted laparoscopic rectal surgery: A pilot study during the introductory period at a local municipal hospital. Journal of the Anus Rectum & Colon. 2019;3;27-35	3
6973	H. F. M. Fuchs, D. T.Leers, J. M.Schroder, W.Bruns, C. J., Modular step-up approach to robot-assisted transthoracic esophagectomy-experience of a German high volume center. Translational Gastroenterology & Hepatology. 2019;4;62	5
6974	Y. K. Itatani, K.Hida, K.Inamoto, S.Mizuno, R.Goto, S.Okuchi, Y.Okada, T.Sakai, Y., Simultaneous robotic surgery with low anterior resection and prostatectomy/hysterectomy. International Cancer Conference Journal. 2019;8;141-145	3
6975	Y. M. Zhu, L.Liu, L.Lin, Y., Application of full lateral decubitus position with cephalic parallel approach in robotic-assisted minimally invasive esophagectomy. Journal of Thoracic Disease. 2019;11;3250-3256	5
6976	K. A. W. Hutcheson, C. L.Yao, CmklZaveri, J.Elgohari, B. E.Goepfert, R.Hessel, A. C.Kupferman, M. E.Lai, S. Y.Fuller, C. D.Gunn, G. B.Garden, A. S.Johnson, F.Ferrarotto, R.Lewin, J. S.Gross, N. D.M. D. Anderson HeadNeck Cancer Symptom Working, Group, Dysphagia After Primary Transoral Robotic Surgery With Neck Dissection vs Nonsurgical Therapy in Patients With Low- to Intermediate-Risk Oropharyngeal Cancer. JAMA Otolaryngology-- Head & Neck Surgery. 2019;145;1053-1063	12
6977	F. C. M. Holsinger, J. S.Weinstein, G. S.Chan, J. Y. K.Starmer, H. M.Tsang, R. K. Y.Wong, E. W. Y.Rassekh, C. H.Bedi, N.Hong, S. S. Y.Orosco, R.O'Malley, B. W., Jr.Moore, E. J., A Next-Generation Single-Port Robotic Surgical System for Transoral Robotic Surgery: Results From Prospective Nonrandomized Clinical Trials. JAMA Otolaryngology-- Head & Neck Surgery. 2019;145;1027-1034	3
6978	P. S. Capogrosso, A., Has Robotic Surgery Improved Erectile Function Recovery Rates in Radical Prostatectomy Patients?. Journal of Sexual Medicine. 2019;16;1487-1489	5
6979	A. B. T. Porcaro, A.Sebben, M.Corsi, P.Processali, T.Pirozzi, M.Amigoni, N.Rizzetto, R.Shakir, A.Cacciamani, G.Mariotto, A.Brunelli, M.Bernasconi, R.Novella, G.De Marco, V.Artibani, W., Surgeon volume and body mass index influence positive surgical margin risk after robot-assisted radical prostatectomy: Results in 732 cases. Arab Journal of Urology Print. 2019;17;234-242	3
6980	A. O. D. Asairinachan, F.Li, M. P.Fua, T.Chauhan, A.Magarey, M. J. R.Dixon, B. J., Facial artery musculomucosal flaps in oropharyngeal reconstruction following salvage transoral robotic surgery: a review of outcomes. Journal of Laryngology & Otology. 2019;133;884-888	3
6981	J. K. L. Yun, I. S.Gong, C. S.Kim, B. S.Kim, H. R.Kim, D. K.Park, S. I.Kim, Y. H., Clinical utility of robot-assisted transthoracic esophagectomy in advanced esophageal cancer after neoadjuvant chemoradiation therapy. Journal of Thoracic Disease. 2019;11;2913-2923	13
6982	H. L. G. Gonde, C.Gillibert, A.Bottet, B.Laurent, M.Sarsam, M.Hervouet, C.Varin, R.Baste, J. M., Feedback on the use of three surgical sealants for preventing prolonged air leak after robot-assisted anatomical lung resection. Journal of Thoracic Disease. 2019;11;2705-2714	3

6983	T. Y. L. Shin, Y. S., Robot-assisted laparoscopic donor nephrectomy: surgical feasibility and technique. Heliyon. 2019;5;e02204	1
6984	B. J. Al Tinawi, M.Salkini, M. W., Utilizing da Vinci^R surgical system to treat challenging urinary stones. Urology Annals. 2019;11;304-309	3
6985	G. S. Song, X.Miao, S.Li, S.Zhao, Y.Xuan, Y.Qiu, T.Niu, Z.Song, J.Jiao, W., Learning curve for robot-assisted lobectomy of lung cancer. Journal of Thoracic Disease. 2019;11;2431-2437	4
6986	J. W. Qin, P.Jing, T.Kong, D.Ye, S.Xia, D.Wang, S., Retroperitoneal robot-assisted laparoscopic upper pole heminephrectomy in adult patients with duplex kidneys. Therapeutics & Clinical Risk Management. 2019;15;727-731	3
6987	I. M. Monsellato, A.Prati, M.Argenio, G.Piscioneri, D.Lenti, L. M.Priora, F., Robotic transanal total mesorectal excision: A new perspective for low rectal cancer treatment. A case series. International Journal of Surgery Case Reports. 2019;61;86-90	3
6988	P. Z. Liu, Y.Qi, X.Liu, H.Du, J.Liu, J.Liu, J.Fu, W.Zhang, Y.Jiang, J.Fan, L., Unilateral Axilla-Bilateral Areola Approach for Thyroidectomy by da Vinci Robot: 500 Cases Treated by the Same Surgeon. Journal of Cancer. 2019;10;3851-3859	3
6989	C. R. S. Richards, S. R.Lustik, M. B.Gillern, S. M.Lim, R. B.Brady, J. T.Althans, A. R.Schlussel, A. T., Safe surgery in the elderly: A review of outcomes following robotic proctectomy from the Nationwide Inpatient Sample in a cross-sectional study. Annals of Medicine & Surgery. 2019;44;39-45	12
6990	W. F. Yang, W. S.Ye, M. X.Li, Z.Gu, C. L.Zhu, Y. P.Hao, Y. P.Wang, Z. Q.Wang, L.Meng, Y. G., Establishment of the PDTX model of gynecological tumors. American Journal Of Translational Research. 2019;11;3779-3789	2
6991	B. G. Colvard, Y.Lejay, A.Ricco, J. B.Swanstrom, L.Lee, J.Bismuth, J.Chakfe, N.Thaveau, F., Total robotic iliac aneurysm repair with preservation of the internal iliac artery using sutureless vascular anastomosis. Journal of Vascular Surgery Cases & Innovative Techniques. 2019;5;218-224	2
6992	Y. L. Chang, X.Zhu, Q.Xu, C.Sun, Y.Ren, S., Single-port transperitoneal robotic-assisted laparoscopic radical prostatectomy (spRALP): Initial experience. Asian Journal of Urology. 2019;6;294-297	3
6993	G. R. Ceccarelli, A.Esposito, G.De Rosa, M.Bugiantella, W.Miranda, E.Fontani, A.D'Andrea, V., Robot-assisted Toupet fundoplication and associated cholecystectomy in symptomatic giant hiatal hernia with situs viscerum inversus-A case report and literature review. International Journal of Surgery Case Reports. 2019;60;371-375	3
6994	Z. Z. Wang, H.Wang, F.Wang, Y., Robot-assisted esophagogastric reconstruction in minimally invasive Ivor Lewis esophagectomy. Journal of Thoracic Disease. 2019;11;1860-1866	3
6995	J. K. T. G. Kam, C.Dimou, S.Awad, M.Kavar, B.Nair, G.Morokoff, A., Learning Curve for Robot-Assisted Percutaneous Pedicle Screw Placement in Thoracolumbar Surgery. Asian Spine Journal. 2019;;920-927	4
6996	L. D. B. Vitiello, M.Rosa, N., Optic nerve sheath diameter assessment in obese patients undergoing robotic pelvic surgery. Indian Journal of Anaesthesia. 2019;63;507-508	5
6997	M. Z. Krzystek-Korpacka, M.Lewandowska, P.Szufnarowski, K.Bednarz-Misa, I.Jacyna, K.Witkiewicz, W.Gamian, A., Distinct Chemokine Dynamics in Early Postoperative Period after Open and Robotic Colorectal Surgery. Journal of Clinical Medicine. 2019;8;19	2

6998	R. M. A. Alhossaini, A. A.Choi, S.Roh, C. K.Seo, W. J.Cho, M.Son, T.Kim, H. I.Hyung, W. J., Similar Operative Outcomes between the da Vinci Xi^R and da Vinci Si^R Systems in Robotic Gastrectomy for Gastric Cancer. Journal of Gastric Cancer. 2019;19;165-172	3
6999	C. P. G. McMullen, J.Weimar, E.Ali, S.Farinhas, J. M.Yu, E.Som, P. M.Sarta, C.Goldstein, D. P.Su, S.Xu, W.Smith, R. V.Miles, B.de Almeida, J. R., Occult Nodal Disease and Occult Extranodal Extension in Patients With Oropharyngeal Squamous Cell Carcinoma Undergoing Primary Transoral Robotic Surgery With Neck Dissection. JAMA Otolaryngology-- Head & Neck Surgery. 2019;145;701-707	3
7000	M. A. M.-C. Martinez-Maestre, L. M.Coronado, P. J.Gonzalez-Cejudo, C.Garcia-Agua, N.Garcia-Ruiz, A. J.Jodar-Sanchez, F., Long term COST-minimization analysis of robot-assisted hysterectomy versus conventional laparoscopic hysterectomy. Health Economics Review. 2019;9;18	13
7001	C. U. K. Lee, M.Kim, T. J.Na, J. P.Sung, H. H.Jeon, H. G.Seo, S. I.Jeon, S. S.Lee, H. M.Jeong, B. C., Predictors of postoperative complications after robot-assisted radical cystectomy with extracorporeal urinary diversion. Cancer management and research. 2019;11;5055-5063	3
7002	R. K. Singal, Ensuring a future for robotic surgery in Canada. Canadian Urological Association Journal. 2019;13;190-191	5
7003	Q. B. Naziri, S. A.Mixa, P. J.Pivec, R.Newman, J. M.Shah, N. V.Patel, P. D.Sastry, A., The trends in robotic-assisted knee arthroplasty: A statewide database study. Journal of Orthopaedics. 2019;16;298-301	5
7004	T. K. Blanc, J.Elie, C.Clermidi, P.Pio, L.Harte, C.Bronnimann, E.Botto, N.Rousseau, V.Sonigo, P.Vaessen, C.Lottmann, H.Aigrain, Y., Retroperitoneal Approach for Ureteropelvic Junction Obstruction: Encouraging Preliminary Results With Robot-Assisted Laparoscopic Repair. Frontiers in Pediatrics. 2019;7;209	3
7005	Y. Watanabe, Abdominal Total Hysterectomy: The Modified Aldridge's Procedure with Noda's Method. The Surgery Journal. 2019;5;S22-S26	2
7006	D. A. C. Ballas, M.Gothard, D.Ahmed, R., Emergency Undocking Curriculum in Robotic Surgery. Cureus. 2019;11;e4321	5
7007	M. G. G. Navarrete Arellano, F., Robot-Assisted Laparoscopic and Thoracoscopic Surgery: Prospective Series of 186 Pediatric Surgeries. Frontiers in Pediatrics. 2019;7;200	3
7008	M. D. Durand, E.Lamonerie, L.Herkert, A.Zarka, V.Carrier, A. S.Ropert, S., Four-arm robotic lung resection versus muscle-sparing mini-thoracotomy: retrospective experience. Journal of Thoracic Disease. 2019;11;1433-1442	3
7009	L. S. Huang, Y.Onaitis, M., Comparative study of anatomic lung resection by robotic vs. video-assisted thoracoscopic surgery. Journal of Thoracic Disease. 2019;11;1243-1250	13
7010	T. C. Bourcier, J.Gaucher, D.Liverneaux, P.Marescaux, J.Speeg-Schatz, C.Mutter, D.Sauer, A., Robot-Assisted Simulated Strabismus Surgery. Translational Vision Science & Technology. 2019;8;26	3
7011	D. S. A. Padmanabhan, A.Pranav, S. M.Patel, V.George, S.Rajanbabu, A., Long-Term Morbidity after Endometrial Cancer Surgery: a Comparison of Open vs. Robotic Approach. Indian Journal of Surgical Oncology. 2019;10;292-295	12
7012	S. S. S. Nagarkatti, A. V.Vrochides, D.Martinie, J. B., How I Do It: Robotic Pancreaticoduodenectomy. Journal of Gastrointestinal Surgery. 2019;23;1672-1681	5
7013	H. J. Chung, T. K.Nam, S. H.Kwon, S. H.Shin, S. J.Cho, C. H., Robotic single-site staging operation for early-stage endometrial cancer: initial experience at a single institution. Obstetrics & Gynecology Science. 2019;62;149-156	3

7014	M. S. Borghesi, R.Antonelli, A.Buizza, C.Celia, A.Parma, P.De Concilio, B.Mengoni, F.Romagnoli, D.Saraceni, G.Brunocilla, E.Porreca, A., Peri-Operative Outcomes after Open and Robot-Assisted Radical Cystectomy by Using an Advanced Bipolar Seal and Cut Technology (Caiman R): A Prospective, Comparative, and Multi-Institutional Study. Current Urology. 2019;12;64-69	13
7015	I. L. Monsellato, M.Priora, F., Robotic right colectomy in a patient with ventriculoperitoneal shunt. Report of a case. International Journal of Surgery Case Reports. 2019;59;58-62	3
7016	O. G. Takmaz, S.Ozbasli, E.Karabuk, E.Naki, M.Kose, F.Gungor, M., Laparoscopic assisted robotic myomectomy of a huge myoma; Does robotic surgery change the borders in minimally invasive gynecology?. Journal of the Turkishgerman Gynecological Association. 2019;20;211-212	8
7017	Q. C. Naziri, B. C.Chaudhri, M.Shah, N. V.Sastry, A., Making the transition from traditional to robotic-arm assisted TKA: What to expect? A single-surgeon comparative-analysis of the first-40 consecutive cases. Journal of Orthopaedics. 2019;16;364-368	12
7018	C. P. Andolfi, D.Rodriguez, V. M.Gundeti, M. S., Impact and Outcomes of a Pediatric Robotic Urology Mini-Fellowship. Frontiers in Surgery. 2019;6;22	5
7019	M. R. R. Buitrago, J., Robot-assisted thoracic surgery in Colombia: a multi-institutional initial experience. Annals of Cardiothoracic Surgery. 2019;8;233-240	3
7020	S. J. Ahn, J. Y.Kim, H. W.Ahn, J. H.Noh, G.Park, S. S., Robotic lobectomy for lung cancer: initial experience of a single institution in Korea. Annals of Cardiothoracic Surgery. 2019;8;226-232	3
7021	S. d. M. van der Horst, M. F. G.van der Sluis, P. C.Ruurda, J. P.van Hillegersberg, R., Extended thoracic lymph node dissection in robotic-assisted minimal invasive esophagectomy (RAMIE) for patients with superior mediastinal lymph node metastasis. Annals of Cardiothoracic Surgery. 2019;8;218-225	3
7022	J. T. L. Li, P. Y.Huang, J.Lu, P. J.Lin, H.Zhou, Q. J.Luo, Q. Q., Perioperative outcomes of radical lobectomies using robotic-assisted thoracoscopic technique vs. video-assisted thoracoscopic technique: retrospective study of 1,075 consecutive p-stage I non-small cell lung cancer cases. Journal of Thoracic Disease. 2019;11;882-891	13
7023	C. J. C. Wu, H. H.Cheng, P. W.Lu, W. H.Tseng, C. J.Lai, C. C., Outcome of Robot-Assisted Bilateral Internal Mammary Artery Grafting via Left Pleura in Coronary Bypass Surgery. Journal of Clinical Medicine. 2019;8;12	3
7024	G. P. Cochetti, A.Boni, A.Silvi, E.Tiezzi, A.De Vermandois, J. A. R.Mearini, E., Robotic treatment of giant adrenal myelolipoma: A case report and review of the literature. Molecular & Clinical Oncology. 2019;10;492-496	3
7025	J. M. d. B. Moldes, F. I.Vagni, R. L.Mercado, P.Tuchbaum, V.Machado, M. G.Lopez, P. J., Pediatric Robotic Surgery in South America: Advantages and Difficulties in Program Implementation. Frontiers in Pediatrics. 2019;7;94	5
7026	S. M. E. Mustaza, Y.Lekakou, C.Saaj, C.Fras, J., Dynamic Modeling of Fiber-Reinforced Soft Manipulator: A Visco-Hyperelastic Material-Based Continuum Mechanics Approach. Soft Robotics. 2019;6;305-317	2
7027	H. K. Kim, H.Lim, W.Moon, B. I.Paik, N. S., Quantitative Assessment of the Learning Curve for Robotic Thyroid Surgery. Journal of Clinical Medicine. 2019;8;22	4
7028	E. O. Islamoglu, C.Anil, H.Aktas, Y.Ates, M.Savas, M., Post-chemotherapy robot-assisted retroperitoneal lymph node dissection in non-seminomatous germ cell tumor of testis: Feasibility and outcomes of initial cases. Turkish Journal of Urology. 2019;45;113-117	3
7029	J. T. H. Li, J.Luo, Q. Q., Robotic-assisted right medial and anterior basal segmentectomy (S7+S8). Journal of Thoracic Disease. 2019;11;240-242	8

7030	D. I. Gonzalez-Rivas, M., Subxiphoid or subcostal uniportal robotic-assisted surgery: early experimental experience. Journal of Thoracic Disease. 2019;11;231-239	5
7031	T. T. Imagami, S.Hattori, T.Matsui, R.Sakamoto, M.Kani, H.Kurokawa, S.Fujiwara, T., A case of synchronous advanced gastric cancer and locally advanced prostate cancer with combined laparoscopic and robotic surgery: A case report. International Journal of Surgery Case Reports. 2019;56;82-85	3
7032	F. K. Bedir, M.Demirdogen, S. O.Kocaturk, H.Koc, E.Canda, A. E.Atmaca, A. F., Robotic radical prostatectomy in 93 cases: Outcomes of the first ERUS robotic urology curriculum trained surgeon in Turkey. Turkish Journal of Urology. 2019;45;183-188	3
7033	T. H. T. Chang, Y.Li, C.Gu, X.Li, K.Yang, H.Sanghani, P.Lim, C. M.Ren, H.Chen, P. Y., Stretchable Graphene Pressure Sensors with Shar-Pei-like Hierarchical Wrinkles for Collision-Aware Surgical Robotics. Acs Applied Materials & Interfaces. 2019;11;10226-10236	2
7034	R. Subramaniam, Robotic Approach to Creation of Continent Catheterisable Channels-Technical Steps, Current Status, and Review of Outcomes. Frontiers in Pediatrics. 2019;7;1	2
7035	P. D. Rajabaleyan, A.Poornoroozy, P.Vadgaard Andersen, P., Robot-assisted laparoscopic repair of perineal hernia after abdominoperineal resection: A case report and review of the literature. International Journal of Surgery Case Reports. 2019;55;54-57	3
7036	S. J. S. Ahn, S. Y.Park, H. S.Park, S. H.Lew, D. H.Roh, T. S.Lee, D. W., Early experiences with robot-assisted prosthetic breast reconstruction. Archives of Plastic Surgery. 2019;46;79-83	3
7037	K. F. McAlpine, A. J.Breau, R. H.McIsaac, D.Tufts, J.Mallick, R.Cagiannos, I.Morash, C.Lavallee, L. T., Robotic surgery improves transfusion rate and perioperative outcomes using a broad implementation process and multiple surgeon learning curves. Canadian Urological Association Journal. 2019;13;184-189	12
7038	J. E. K. Meyers, A.Pollina, J., Robotic Guidance for the Insertion of Posterior Pedicle Screws: 2-Dimensional Operative Video. Operative Neurosurgery. 2019;16;766-767	8
7039	L. A. L. Tan, R. A., Robotic-Assisted Spine Surgery Using the Mazor XTM System: 2-Dimensional Operative Video. Operative Neurosurgery. 2019;16;E123	8
7040	J. B. Kobiela, E.Petz, W.Crosta, C.De Roberto, G.Borin, S.Ribero, D.Baldassari, D.Spychalski, P.Spinoglio, G., Double indocyanine green technique of robotic right colectomy: Introduction of a new technique. Journal of Minimal Access Surgery. 2019;15;357-359	2
7041	C. D. Palanivelu, S.Sabnis, S.Gupta, R.Cumar, B.Kumar, S.Natarajan, R.Ramakrishnan, P., Robotic-assisted minimally invasive oesophagectomy for cancer: An initial experience. Journal of Minimal Access Surgery. 2019;15;234-241	2
7042	O. H. Ozguner, R.Jackson, R. C.Shkurti, T.Newman, W.Cavusoglu, M. C., Three-Dimensional Surgical Needle Localization and Tracking Using Stereo Endoscopic Image Streams. IEEE International Conference on Robotics & Automation. 2018;2018;6617-6624	2
7043	H. N. D. W. Le, S.Leonard, S.Opfermann, J.Krieger, A.Kang, J. U., Suture Maps Based on Structural Enhanced Imaging Endoscope for Laparoscopic Robotic Surgery. Conference On Lasers And Electro optics. 2018;;	3
7044	B. K. A. Jiang, A.Zygourakis, C. C.Kalb, S.Zhu, A. M.Godzik, J.Molina, C. A.Blitz, A. M.Bydon, A.Crawford, N.Theodore, N., Pedicle screw accuracy assessment in ExcelsiusGPS R robotic spine surgery: evaluation of deviation from pre-planned trajectory. Chinese Neurosurgical Journal. 2018;4;23	2
7045	A. G. Arnaz, A. U.Akyol, A.Zencirci, E.Senay, S.Degirmencioglu, A.Kocyigit, M.Alhan, C., Application of cryoablation for the treatment of atrial fibrillation in patients undergoing cardiac surgery: Our mid-term results. Gogus Kalp Damar Cerrahisi Dergisi. 2018;26;44786	12

7046	I. H. Kawagoe, M.Satoh, D.Suzuki, K.Inada, E., Ventilation failure after lateral jackknife positioning for robot-assisted lung cancer surgery in a patient after lingula-sparing left upper lobectomy. JA Clinical Reports. 2018;4;51	3
7047	J. W. T. P. Toh, K.Kim, S. H., Robotic colorectal surgery: more than a fantastic toy?. Innovative Surgical Sciences. 2018;3;65-68	5
7048	H. O. Saeidi, J. D.Kam, M.Raghunathan, S.Leonard, S.Krieger, A., A Confidence-Based Shared Control Strategy for the Smart Tissue Autonomous Robot (STAR). Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems. 2018;2018;1268-1275	2
7049	R. O. Hao, O.Cavusoglu, M. C., Vision-Based Surgical Tool Pose Estimation for the da Vinci^R Robotic Surgical System. Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems. 2018;2018;1298-1305	2
7050	C. R. He, M.Patel, N.Ebrahimi, A.Yang, Y.Gehlbach, P. L.Iordachita, I., Towards Bimanual Robot-Assisted Retinal Surgery: Tool-to-Sclera Force Evaluation. Proceedings of IEEE Sensors / IEEE International Conference on Sensors. 2018;;	3
7051	F. B. Alambeigi, M.Azizi, A.Hegeman, R.Iordachita, I.Khanuja, H.Armand, M., Inroads Toward Robot-Assisted Internal Fixation of Bone Fractures Using a Bendable Medical Screw and the Curved Drilling Technique. Proceedings of the Ieee/rasembs International Conference on Biomedical Robotics & Biomechatronics. 2018;2018;595-600	2
7052	N. A. Y. Patel, J.Levi, D.Monfaredi, R.Cleary, K.Iordachita, I., Body-Mounted Robot for Image-Guided Percutaneous Interventions: Mechanical Design and Preliminary Accuracy Evaluation. Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems. 2018;2018;1443-1448	2
7053	C. E. He, A.Roizenblatt, M.Patel, N.Yang, Y.Gehlbach, P. L.Iordachita, I., User Behavior Evaluation in Robot-Assisted Retinal Surgery. Roman. 2018;2018;174-179	1
7054	L. D. Qian, A.Kazanzides, P., ARssist: augmented reality on a head-mounted display for the first assistant in robotic surgery. Healthcare Technology Letters. 2018;5;194-200	5
7055	X. L. Cheng, C.Huang, J.Lu, P.Luo, Q., Three-arm robot-assisted thoracoscopic surgery for locally advanced N2 non-small cell lung cancer. Journal of Thoracic Disease. 2018;10;7009-7013	5
7056	H. T. Duan, L.Zhu, Y.Dong, X.Zhang, Y.Liu, H.Yan, X., Secondary resection tracheal was facilitated in robot-assisted left pneumonectomy. Journal of Thoracic Disease. 2018;10;7005-7008	5
7057	S. M. Yang, J. N.Lobes, L. A., Jr.Riviere, C. N., Techniques for robot-aided intraocular surgery using monocular vision. International Journal of Robotics Research. 2018;37;931-952	5
7058	S. G. Dabas, K.Bhakuni, Y. S.Ranjan, R.Shukla, H.Sharma, A., Feasibility, Safety, and Surgical Outcome of Robotic Hemithyroidectomy Via Transaxillary and Retroauricular Approach: an Institutional Experience. Indian Journal of Surgical Oncology. 2018;9;477-482	3
7059	N. T. Sujata, R.Mehta, P.Girotra, G., Optic nerve sheath diameter-guided extubation plan in obese patients undergoing robotic pelvic surgery in steep Trendelenburg position: A report of three cases. Indian Journal of Anaesthesia. 2018;62;896-899	3
7060	J. T. Desiderio, S.Gemini, A.Di Nardo, D.Palazzini, G.Parisi, A.D'Andrea, V., Fluorescence image-guided lymphadenectomy using indocyanine green and near infrared technology in robotic gastrectomy. Chinese Journal of Cancer Research. 2018;30;568-570	3

7061	R. D. C. Dias, H. M.Gabany, J. M.Clarke, L. A.Osterweil, L. J.Arney, D.Goldman, J. M.Riccardi, G.Avrunin, G. S.Yule, S. J.Zenati, M. A., Intelligent Interruption Management System to Enhance Safety and Performance in Complex Surgical and Robotic Procedures. OR 2.0 Context-aware Operating Theaters, Computer Assisted Robotic Endoscopy, Clinical Image-based Procedures, and Skin Image Analysis : First International Workshop, OR 2.0 2018, 5th International Workshop, CARE 2018, 7th International Workshop, CLIP 2018, Third International Workshop, ISIC 2018, Held in Conjunction with MICCAI 2018, Granada, Spain, September 16 and 20, 2018, Proceedings / Danail Stoyanov, Zeike Taylor, Duygu Sarikaya, Jonathan McLeod, Miguel Angel Gonza.lez Ballester, Noel C.F. Codella et al. (eds.). 2018;11041;62-68	2
7062	C. S. Takahashi, R.Huston, J.Meredith, K., Outcomes associated with robotic approach to pancreatic resections. Journal of Gastrointestinal Oncology. 2018;9;936-941	3
7063	G. L. Jiang, M.Lu, L.Bai, K.Abdelaziz, O.Chen, S., Vision solution for an assisted puncture robotics system positioning. Applied Optics. 2018;57;8385-8393	5
7064	J. J. Guo, X.Guo, S., Study of the Operational Safety of a Vascular Interventional Surgical Robotic System. Micromachines. 2018;9;8	5
7065	Y. Z. Jiang, Y.Qian, F.Shi, Y.Hao, Y.Chen, J.Li, P.Yu, P., The long-term clinical outcomes of robotic gastrectomy for gastric cancer: a large-scale single institutional retrospective study. American Journal Of Translational Research. 2018;10;3233-3242	3
7066	T. S. Li, Y.Zhang, S., Perceptual Surgical Knife with Wavelet Denoising. Micromachines. 2018;9;13	2
7067	J. X. Qin, Z.Dai, J.Chen, D.Xu, X.Song, K.Shi, D.Jiang, Q., New technique: practical procedure of robotic arm-assisted (MAKO) total hip arthroplasty. Annals of Translational Medicine. 2018;6;364	5
7068	F. C. Burkhard, Is robot-assisted surgery noninferior or real progress?. Nature Reviews Urology. 2018;15;728-729	8
7069	T. T. Imagami, S.Hattori, T.Matsui, R.Sakamoto, M.Kani, H.Kurokawa, S.Fujiwara, T., Combined laparoscopic and robotic surgery for synchronous colorectal and genitourinary cancer: A case series. International Journal of Surgery Case Reports. 2018;51;323-327	3
7070	A. P. Giannini, S.Malacarne, E.Cela, V.Melfi, F.Perutelli, A.Simoncini, T., Robotic Approach to Ureteral Endometriosis: Surgical Features and Perioperative Outcomes. Frontiers in Surgery. 2018;5;51	3
7071	Y. Ha, Robot-Assisted Spine Surgery: A Solution for Aging Spine Surgeons. Neurospine. 2018;15;187-188	8
7072	R. P. S. Menger, A. R.Farokhi, F.Sin, A., A Cost-Effectiveness Analysis of the Integration of Robotic Spine Technology in Spine Surgery. Neurospine. 2018;15;216-224	3
7073	V. C. R. Stubbs, K.Gigliotti, A. R.Mahmoud, A. F.Brody, R. M.Newman, J. G.Rassekh, C. H.Weinstein, G. S., Management of the Airway for Transoral Robotic Supraglottic Partial Laryngectomy. Frontiers in Oncology. 2018;8;312	3
7074	J. G. Kaouk, J.Bertolo, R., Different approaches to the prostate: The upcoming role of a purpose-built single-port robotic system. Arab Journal of Urology Print. 2018;16;302-306	2
7075	S. K. Fuglsang, T., Retropharyngeal vascular malformation removed using transoral robotic surgery-A case report. International Journal of Surgery Case Reports. 2018;51;71-73	3
7076	O. W. Hakenberg, A brief overview of the development of robot-assisted radical prostatectomy. Arab Journal of Urology Print. 2018;16;293-296	5

7077	J. L. S. Bauza Quetglas, D.Bertolo, R.Garisto, J.Pieras, E.Piza, P.Kaouk, J., Robotic Partial Nephrectomy for Complex Hilar Tumors: Step by step. Urology. 2018;120;271-272	3
7078	D. G. Sagalovich, J.Bertolo, R.Yerram, N.Dagenais, J.Chavali, J. S.Haber, G. P.Kaouk, J.Stein, R., Minimally Invasive Management of Ureteral Distal Strictures: Robotic Ureteroneocystostomy With a Bilateral Boari Flap. Urology. 2018;120;268	3
7079	V. K. Varghese, V.Kumar, G. S., Evaluating Pedicle-Screw Instrumentation Using Decision-Tree Analysis Based on Pullout Strength. Asian Spine Journal. 2018;12;611-621	2
7080	J. S. S. Oh, J. W.Choi, S. B., Material Characterization of Hardening Soft Sponge Featuring MR Fluid and Application of 6-DOF MR Haptic Master for Robot-Assisted Surgery. Materials. 2018;11;24	5
7081	N. B. Doumerc, J. B.Roumiguie, M.Roulette, P.Laclergerie, F.Sallusto, F.Soulie, M.Game, X.Biscans, C., Total intracorporeal robotic renal auto-transplantation: A new minimally invasive approach to preserve the kidney after major ureteral injuries. International Journal of Surgery Case Reports. 2018;49;176-179	3
7082	R. C. Y. Jackson, R.Chow, D. L.Newman, W.Cavusoglu, M. C., Real-Time Visual Tracking of Dynamic Surgical Suture Threads. IEEE Transactions on Automation Science & Engineering. 2018;15;1078-1090	2
7083	J. N. Krishnamurthy, A. V.Mahadevappa, B., First Ever Robotic Stage One ALPPS Procedure in India: for Colorectal Liver Metastases. Indian Journal of Surgery. 2018;80;269-271	2
7084	H. C. C. Yang, G.Vercauteren, M.Reddy, N.Luketich, J. D.Sarkaria, I. S., Robot-assisted en bloc anterior mediastinal mass excision with pericardium and adjacent lung for locally advanced thymic carcinoma. Journal of Visualized Surgery. 2018;4;115	3
7085	A. B. Pardolesi, L.Brandolini, J.Solli, P.Novellis, P.Veronesi, G., Four arms robotic-assisted pulmonary resection-left upper lobectomy: how to do it. Journal of Visualized Surgery. 2018;4;109	5
7086	S. D. Ricciardi, F.Zirafa, C. C.Melfi, F., From "open" to robotic assisted thoracic surgery: why RATS and not VATS?. Journal of Visualized Surgery. 2018;4;107	5
7087	M. G. Marino, G.Komorowski, A. L., Robotic Pancreaticoduodenectomy: Technical Considerations. Indian Journal of Surgery. 2018;80;118-122	5
7088	S. B. B. Shah, A. K.Chawla, R.Pathak, A., Robotic hysterectomy in Trendelenburg position in a severely anaemic JKa alloimmunised patient with impending high-output cardiac failure: An anaesthetic challenge. Indian Journal of Anaesthesia. 2018;62;385-388	5
7089	K. I. Thankappan, S., Initiating a Robotic Thyroidectomy Program in India. Indian Journal of Surgical Oncology. 2018;9;241-246	5
7090	J. M. S. Baste, V.Lachkar, S.Rinieri, P.Sarsam, M.Bottet, B.Peillon, C., Development of a precision multimodal surgical navigation system for lung robotic segmentectomy. Journal of Thoracic Disease. 2018;10;S1195-S1204	5
7091	A. S. S. Khan, I.Vrochides, D.Martinie, J. B., Robotic pancreas drainage procedure for chronic pancreatitis: robotic lateral pancreaticojejunostomy (Puestow procedure). Journal of Visualized Surgery. 2018;4;72	2
7092	I. S. Duek, G. E.Billan, S.Gil, Z., Minimally Invasive Surgery for Resection of Parapharyngeal Space Tumors. Journal of Neurological Surgery Part B Skull Base. 2018;79;250-256	12
7093	Y. P. A. L. Tan, P.Wong, J. K. F., Current Limitations of Surgical Robotics in Reconstructive Plastic Microsurgery. Frontiers in Surgery. 2018;5;22	5

7094	A. B. Pardolesi, L.Brandolini, J.Gallina, F. T.Novellis, P.Veronesi, G.Solli, P., Four arms robotic-assisted pulmonary resection-right lower/middle lobectomy: how to do it. Journal of Thoracic Disease. 2018;10;476-481	5
7095	M. C. Wang, Y.Li, Y.Peng, B., Robotic Pancreaticoduodenectomy: Single-Surgeon Initial Experience. Indian Journal of Surgery. 2018;80;42-47	3
7096	K. A. Hirose, T.Furukawa, T.Fukushima, S.Niioka, H.Deguchi, S.Hashimoto, M., Coherent anti-Stokes Raman scattering rigid endoscope toward robot-assisted surgery. Biomedical Optics Express. 2018;9;387-396	5
7097	A. H. A.-M. Chau, H.Peng, X.Davila, V. J.Castle, E. P.Money, S. R., Robotic-assisted left renal vein transposition as a novel surgical technique for the treatment of renal nutcracker syndrome. Journal of Vascular Surgery Cases & Innovative Techniques. 2018;4;31-34	5
7098	W. T. Jomoto, M.Doi, H.Kikuchi, K.Mitsuie, C.Yamada, Y.Suzuki, T.Yamano, T.Ishikura, R.Kotoura, N.Yamamoto, S., Development of a Three-dimensional Surgical Navigation System with Magnetic Resonance Angiography and a Three-dimensional Printer for Robot-assisted Radical Prostatectomy. Cureus. 2018;10;e2018	2
7099	M. E. Roizenblatt, T. L.Gehlbach, P. L., Robot-assisted vitreoretinal surgery: current perspectives. Robotic Surgery. 2018;5;44572	5
7100	M. S. Allard, J.Bell, M. A. L., Feasibility of photoacoustic-guided teleoperated hysterectomies. Journal of Medical Imaging. 2018;5;21213	2
7101	Y. K. Aisu, Y.Kato, S.Yasukawa, D.Kimura, Y.Hori, T., Robot-assisted distal gastrectomy with lymph node dissection for gastric cancer in a patient with situs inversus partialis: a case report with video file. Surgical Case Reports. 2018;4;16	8
7102	J. E. Montroy, E.Morash, C.Blew, B.Lavallee, L. T.Cagiannos, I.Watterson, J.Oake, J. S.Fungkeefung, M.Thompson, C.Weber, R.Breau, R. H., Long-term patient outcomes from the first year of a robotic surgery program using multi-surgeon implementation. Canadian Urological Association Journal. 2018;12;38-43	12
7103	T. H. Yumioka, M.Kimura, Y.Yamaguchi, N.Iwamoto, H.Morizane, S.Hikita, K.Takenaka, A., Influence of multinerve-sparing, robot-assisted radical prostatectomy on the recovery of erection in Japanese patients. Reproductive Medicine & Biology. 2018;17;36-43	3
7104	L. C. W. Zhao, A. C.Lee, Z.Ferretti, M. J.Koo, H. P.Metro, M. J.Eun, D. D.Stifelman, M. D., Robotic Ureteral Reconstruction Using Buccal Mucosa Grafts: A Multi-institutional Experience. European Urology. 2018;73;419-426	3
7105	S. K. Karagul, C.Sumer, F.Yagci, M. A., Extramucosal pancreaticojejunostomy at laparoscopic pancreaticoduodenectomy. Journal of Minimal Access Surgery. 2018;14;76-78	2
7106	V. B. Achim, R. K.Palmer, A. D.Graville, D. J.Light, T. J.Li, R.Gross, N.Andersen, P. E.Clayburgh, D., Long-term Functional and Quality-of-Life Outcomes After Transoral Robotic Surgery in Patients With Oropharyngeal Cancer. JAMA Otolaryngology-- Head & Neck Surgery. 2018;144;18-27	3
7107	S. K. K. Swain, S. H.Patooru, V. K.Munikrishnan, V., Robotic ventral rectopexy: Initial experience in an Indian tertiary health-care centre and review of literature. Journal of Minimal Access Surgery. 2018;14;33-36	3
7108	D. J. Hu, Y.Belykh, E.Gong, Y.Preul, M. C.Hannaford, B.Seibel, E. J., Toward real-time tumor margin identification in image-guided robotic brain tumor resection. Proceedings of SPIE the International Society for Optical Engineering. 2017;10135;	2
7109	C. D. P. H. Van't Hullenaar, B.Broeders, Iamj, Ergonomic assessment of the da Vinci console in robot-assisted surgery. Innovative Surgical Sciences. 2017;2;97-104	5

7110	A. Y. Ghosh, C.Ongaro, F.Scheggi, S.Selaru, F. M.Misra, S.Gracias, D. H., Stimuli-Responsive Soft Untethered Grippers for Drug Delivery and Robotic Surgery. Frontiers of Mechanical Engineering. 2017;3;	5
7111	D. W. K. Schoppy, M. E.Hessel, A. C.Bell, D. M.Garland, E. M.Damrose, E. J.Holsinger, F. C., Transoral endoscopic head and neck surgery (eHNS) for minor salivary gland tumors of the oropharynx. Cancers of the Head & Neck. 2017;2;5	2
7112	T. E. J. M. Ind, C.Hacking, M.Chiu, S.Harris, M.Nobbenhuis, M., The effect of obesity on clinical and economic outcomes in robotic endometrial cancer surgery. Robotic Surgery. 2017;4;33-37	3
7113	S. R. L. Turner, M. J.Park, B. J., Robotic assisted VATS lobectomy for loco-regionally advanced non-small cell lung cancer. Videoassisted Thoracic Surgery. 2017;2;	5
7114	C. A. Matsuda, Y., Robotic surgery for colorectal cancer. Annals of Gastroenterological Surgery. 2017;1;75	5
7115	C. R. F. Razavi, A.Tufano, R. P.Russell, J. O., Central neck dissection via the transoral approach. Annals of Thyroid. 2017;2;	2
7116	M. P. C. Kim, E. Y., Five on a dice port placement for robot-assisted thoracoscopic right upper lobectomy using robotic stapler. Journal of Thoracic Disease. 2017;9;5355-5362	2
7117	S. L. J. Solanki, A.Agarwal, V.Saklani, A. P., Robotic-assisted abdominal surgery in post-renal transplant patient-protect the transplanted organ. Indian Journal of Anaesthesia. 2017;61;1015-1016	8
7118	Z. Z. He, L.Zhang, C.Wang, L.Wang, Z.Rustam, A.Du, C.Lv, W.Hu, J., Initial experience of Da Vinci robotic thoracic surgery at the First Affiliated Hospital of Zhejiang University. Journal of Visualized Surgery. 2017;3;153	5
7119	I. M. Alkatout, L., Hysterectomy A Comprehensive Surgical Approach. Journal of the Turkishgerman Gynecological Association. 2017;18;221-223	2
7120	A. R. Agrusa, G.Navarra, G.Conzo, G.Pantuso, G.Buono, G. D.Citarrella, R.Galia, M.Monte, A. L.Cucinella, G.Gulotta, G., Innovation in endocrine surgery: robotic versus laparoscopic adrenalectomy. Meta-analysis and systematic literature review. Oncotarget. 2017;8;102392-102400	5
7121	A. B. Pardolesi, L.Brandolini, J.Solli, P., Four arm robotic-assisted pulmonary resection-right upper lobectomy: how to do it. Journal of Thoracic Disease. 2017;9;3302-3306	5
7122	M. J. G. A. Blyth, I.Rowe, P.Banger, M. S.MacLean, A.Jones, B., Robotic arm-assisted versus conventional unicompartmental knee arthroplasty: Exploratory secondary analysis of a randomised controlled trial. Bone & Joint Research. 2017;6;631-639	12
7123	P. L. M. Anderson, A. W.Webster, R. J., 3rd, Continuum Reconfigurable Parallel Robots for Surgery: Shape Sensing and State Estimation with Uncertainty. IEEE Robotics And Automation Letters. 2017;2;1617-1624	2
7124	Y. H. Li, B., Gaussian Process Regression for Sensorless Grip Force Estimation of Cable Driven Elongated Surgical Instruments. IEEE Robotics And Automation Letters. 2017;2;1312-1319	2
7125	M. H. L. Yoo, H. S.Yang, C. J.Lee, S. H.Lim, H.Lee, S.Yi, B. J.Chung, J. W., A cadaver study of mastoidectomy using an image-guided human-robot collaborative control system. Laryngoscope Investigative Otolaryngology. 2017;2;208-214	7

7126	J. S. S. Lam, G. M.Palma, D. A.Fung, K.Louie, A. V., Development of an online, patient-centred decision aid for patients with oropharyngeal cancer in the transoral robotic surgery era. Current Oncology. 2017;24;318-323	5
7127	S. S. Goja, M. K.Saha, S.Mahabaleshwar, V.Soin, A. S., Robotic Roux-en-Y Bilioenteric Reconstruction. Indian Journal of Surgery. 2017;79;475-478	5
7128	T. Suda, Subxiphoid thymectomy: single-port, dual-port, and robot-assisted. Journal of Visualized Surgery. 2017;3;75	5
7129	D. C. Galetta, M.Pardolesi, A.Borri, A.Spaggiari, L., New stapling devices in robotic surgery. Journal of Visualized Surgery. 2017;3;45	5
7130	S. H. K. Park, J. H.Lee, J. W.Jeong, H. S.Lee, D. J.Kim, B. C.Suh, I. S., Is Robot-Assisted Surgery Really Scarless Surgery? Immediate Reconstruction with a Jejunal Free Flap for Esophageal Rupture after Robot-Assisted Thyroidectomy. Archives of Plastic Surgery. 2017;44;550-553	3
7131	S. D. Bodur, M.Fidan, U.Firatligil, B. F.Ulubay, M.Ozturk, M.Yenen, M. C., Arm reduced robotic-assisted laparoscopic hysterectomy with transvaginal cuff closure. Wideochirurgia i Inne Techniki Maloinwazyjne. 2017;12;271-276	3
7132	F. M. Reche, A.Borel, A. L.Faucheron, J. L.Arvieux, C., Totally Robotic Combined Roux-en-Y Gastric Bypass and Hiatal Hernia Repair with Biological Mesh: Technical Points. Obesity Surgery. 2017;27;3349-3350	5
7133	G. L. Wu, Q.Zhao, Q.Wang, W.Shi, H.Wang, M.Zheng, J.Li, M.Fan, D., Robotic-Assisted Live Donor Ileal Segmentectomy for Intestinal Transplantation. Transplantation Direct. 2017;3;e215	3
7134	Y. L. Cui, C.Xu, Z.Wang, Y.Sun, Y.Xu, H.Li, Z.Sun, Y., Robot-assisted versus conventional laparoscopic operation in anus-preserving rectal cancer: a meta-analysis. Therapeutics & Clinical Risk Management. 2017;13;1247-1257	5
7135	Y. N. Taniguchi, H.Miwa, K.Haruki, T.Araki, K.Takagi, Y.Wakahara, M.Yurugi, Y.Kubouchi, Y.Ohno, T.Kidokoro, Y.Fujiwara, W., Initial Results of Robotic Surgery for Primary Lung Cancer: Feasibility, Safety and Learning Curve. Yonago Acta Medica. 2017;60;162-166	3
7136	B. M. F. Shinder, N. J.Weiss, R. E.Jang, T. L.Kim, I. Y.Singer, E. A.Elsamra, S. E., Performing all major surgical procedures robotically will prolong wait times for surgery. Robotic Surgery. 2017;4;87-91	2
7137	Y. W. Fong, Y.Giulianotti, P. C., Robotic surgery: the promise and finally the progress. Hepatobiliary Surgery & Nutrition. 2017;6;219-221	8
7138	L. C. Qian, X.Huang, J.Lin, H.Mao, F.Zhao, X.Luo, Q.Ding, Z., A comparison of three approaches for the treatment of early-stage thymomas: robot-assisted thoracic surgery, video-assisted thoracic surgery, and median sternotomy. Journal of Thoracic Disease. 2017;9;1997-2005	13
7139	S. W. van der Horst, T. J.Ruurda, J. P.Haj Mohammad, N.Mook, S.Brosens, L. A. A.van Hillegersberg, R., Robot-assisted minimally invasive thoraco-laparoscopic esophagectomy for esophageal cancer in the upper mediastinum. Journal of Thoracic Disease. 2017;9;S834-S842	3
7140	B. R. Jebaraj, R.Rewari, V.Trikha, A.Chandralekha,Kumar, R.Dogra, P. N., Feasibility of dexmedetomidine as sole analgesic agent during robotic urological surgery: A pilot study. Journal of Anaesthesiology Clinical Pharmacology. 2017;33;187-192	3
7141	J. R. Locke, M.MacNeily, A.Goldenberg, S. L.Black, P. C., Evolving attitudes toward robotic surgery among Canadian urology residents. Canadian Urological Association Journal. 2017;11;E266-E270	5
7142	A. S. W. Kakde, H. D., An observational study: Effects of tenting of the abdominal wall on peak airway pressure in robotic radical prostatectomy surgery. Saudi journal of anaesthesia. 2017;11;279-282	3

7143	B. C. Gonenc, A.Handa, J.Gehlbach, P.Taylor, R. H.Iordachita, I., 3-DOF Force-Sensing Motorized Micro-Forceps for Robot-Assisted Vitreoretinal Surgery. IEEE Sensors Journal. 2017;17;3526-3541	5
7144	G. S. M. Bora, R. S.Sharma, A. P.Devana, S. K.Kakkar, N.Lal, A.Singh, S. K.Mandal, A. K., Initial experience of robotic nephron sparing surgery in cases of high renal nephrometry scores. Indian Journal of Urology. 2017;33;230-235	3
7145	E. K. P. Lee, E.Oh, W. O.Shin, N. M., Comparison of the outcomes of robotic cholecystectomy and laparoscopic cholecystectomy. Annals of surgical treatment and research. 2017;93;27-34	12
7146	G. K. Garas, A.Georgalas, C.Arora, A.Kotecha, B.Holsinger, F. C.Grant, D. G.Tolley, N., Is transoral robotic surgery a safe and effective multilevel treatment for obstructive sleep apnoea in obese patients following failure of conventional treatment(s)?. Annals of Medicine & Surgery. 2017;19;55-61	5
7147	A. F. Andrade, M. K.Davis, B. R., Case report of robotic dor fundoplication for scleroderma esophagus with aperistalsis on manometry. International Journal of Surgery Case Reports. 2017;37;69-71	2
7148	K. L. W. McBrayer, G. B.Dawant, B. M.Balachandran, R.Labadie, R. F.Noble, J. H., Resection planning for robotic acoustic neuroma surgery. Journal of Medical Imaging. 2017;4;25002	3
7149	D. C. H. Ding, M. K.Chu, T. Y.Chang, Y. H.Liu, H. W., Robotic single-site supracervical hysterectomy with manual morcellation: Preliminary experience. World Journal of Clinical Cases. 2017;5;172-177	3
7150	A. A. Molaei, E.de Smet, M. D.Safi, S.Khorshidifar, M.Ahmadieh, H.Khosravi, M. A.Daftarian, N., Toward the Art of Robotic-assisted Vitreoretinal Surgery. Journal of Ophthalmic & Vision Research. 2017;12;212-218	3
7151	K. K. Kroczek, P.Nawrat, Z., Medical robots in cardiac surgery - application and perspectives. Kardiochirurgia I Torakochirurgia Polska. 2017;14;79-83	2
7152	E. T. Rajih, C.Cormier, B.Samouelian, V.Warkus, T.Liberman, M.Widmer, H.Lattouf, J. B.Alenizi, A. M.Meskawi, M.Valdivieso, R.Hueber, P. A.Karakewicz, P. I.El-Hakim, A.Zorn, K. C., Error reporting from the da Vinci surgical system in robotic surgery: A Canadian multispecialty experience at a single academic centre. Canadian Urological Association Journal. 2017;11;E197-E202	1
7153	M. E. Kufeld, H.Marg, A.Pasemann, D.Budach, V.Spuler, S., Localized irradiation of mouse legs using an image-guided robotic linear accelerator. Annals of Translational Medicine. 2017;5;156	2
7154	F. D. M. Moro, A., Why should a "gasless" oncologic robotic procedure be performed?. Saudi journal of anaesthesia. 2017;11;260-261	8
7155	H. Y. L. Tan, J. G.Roche, E.Tan, H. K., A case report of invasive candidiasis and fungal osteomyelitis mimicking oropharyngeal carcinoma recurrence in an immunocompetent patient following transoral robotic surgery. International Journal of Surgery Case Reports. 2017;35;33-36	3
7156	C. I. Iavazzo, P. E.Gkegkes, I. D., The possible role of the da Vinci robot for patients with vulval carcinoma undergoing inguinal lymph node dissection. Journal of the Turkishgerman Gynecological Association. 2017;18;96-98	2
7157	H. H. K. Sung, K. J.Suh, Y. S.Ryu, G. H.Lee, K. S., Surgical Outcomes and Safety of Robotic Sacrocolpopexy in Women With Apical Pelvic Organ Prolapse. International neurourology journal. 2017;21;68-74	3

7158	M. M. Bhandari, W.Mishra, A. K.Chandorkar, D., Robotic Roux-en-Y gastric bypass: Our centre's technique with short-term experience. Journal of Minimal Access Surgery. 2017;13;96-102	3
7159	S. S. Goja, M. K.Soin, A. S., Robotics in hepatobiliary surgery-initial experience, first reported case series from India. International Journal of Surgery Case Reports. 2017;33;16-20	3
7160	F. L. W. Dias, F.Leonhardt, F. D., The role of transoral robotic surgery in the management of oropharyngeal cancer. Current Opinion in Oncology. 2017;29;166-171	5
7161	J. V. Meulemans, C.Vauterin, T.D'Heygere, E.Nuyts, S.Clement, P. M.Hermans, R.Delaere, P.Vander Poorten, V., Up-front and Salvage Transoral Robotic Surgery for Head and Neck Cancer: A Belgian Multicenter Retrospective Case Series. Frontiers in Oncology. 2017;7;15	3
7162	P. T. Magistri, G.Ballarin, R.Coratti, A.Di Benedetto, F., Robotic liver surgery is the optimal approach as bridge to transplantation. World Journal of Hepatology. 2017;9;224-226	5
7163	R. J. Jaju, P. B.Dubey, M.Mohammad, S.Bhargava, A. K., Comparison of volume controlled ventilation and pressure controlled ventilation in patients undergoing robot-assisted pelvic surgeries: An open-label trial. Indian Journal of Anaesthesia. 2017;61;17-23	3
7164	C. H. Cao, C.Croce, B.Cao, C., Robotic mitral valve surgery. Annals of Cardiothoracic Surgery. 2017;6;73	8
7165	K. H. A. Rehfeldt, J. V.Ritter, M. J., Anesthetic considerations in robotic mitral valve surgery. Annals of Cardiothoracic Surgery. 2017;6;47-53	3
7166	R. T. Poffo, A. P.Pope, R. B.Montanhesi, P. K.Santos, R. S.Teruya, A.Hatanaka, D. M.Rusca, G. F.Fischer, C. H.Vieira, M. C.Makdisse, M. R., Robotic cardiac surgery in Brazil. Annals of Cardiothoracic Surgery. 2017;6;17-26	3
7167	H. J. K. Kim, J. B.Jung, S. H.Lee, J. W., Clinical outcomes of robotic mitral valve repair: a single-center experience in Korea. Annals of Cardiothoracic Surgery. 2017;6;44820	3
7168	C. H. C. Chen, H. H.Liu, W. M., Complication reports for robotic surgery using three arms by a single surgeon at a single institution. Journal of Minimal Access Surgery. 2017;13;22-28	3
7169	I. M. Leizea, A.Alvarez, H.Aguinaga, I.Borro, D.Sanchez, E., Real-Time Visual Tracking of Deformable Objects in Robot-Assisted Surgery. IEEE Computer Graphics & Applications. 2017;37;56-68	5
7170	A. N. V. Mueller, J. D.Yim, N. H.Harbison, G. J.Murayama, K. M., Predictors and Consequences of Unplanned Conversion to Open During Robotic Colectomy: An ACS-NSQIP Database Analysis. Hawaii Journal of Health and Social Welfare. 2021;80;44629	5
7171	J. L. Ma, L.Du, J.Pan, C.Zhang, C.Chen, Y., The quantification and clinical analysis of depression and anxiety in patients undergoing Da Vinci robot-assisted radical gastrectomy and open radical gastrectomy. European Journal of Cancer Prevention. 2021;30;442-447	12
7172	A. T. Martini, F.Barod, R.Rocco, B.Capitanio, U.Briganti, A.Montorsi, F.Mottrie, A.Challacombe, B.Lagerveld, B. W.Bensalah, K.Abaza, R.Badani, K. K.Mehrazin, R.Buscarini, M.Larcher, A.Junior, Erus Y. A. U. Working Group on Robot-assisted Surgery of the European Association of Urology, Salvage Robot-assisted Renal Surgery for Local Recurrence After Surgical Resection or Renal Mass Ablation: Classification, Techniques, and Clinical Outcomes. European Urology. 2021;80;730-737	3

7173	A. P. Territo, A.Fontana, M.Diana, P.Gallioli, A.Gaya, J. M.Huguet, J.Gavrilov, P.Rodriguez-Faba, O.Facundo, C.Guirado, L.Palou, J.Mottrie, A.Breda, A., Step-by-step Development of a Cold Ischemia Device for Open and Robotic-assisted Renal Transplantation. European Urology. 2021;80;738-745	3
7174	P. L. Diana, G.Uleri, A.Casale, P.Saita, A.Hurle, R.Lazzeri, M.Mottrie, A.De Naeyer, G.De Groote, R.Porter, J.Buffi, N., Multi-institutional Retrospective Validation and Comparison of the Simplified PADUA REnal Nephrometry System for the Prediction of Surgical Success of Robot-assisted Partial Nephrectomy. European Urology Focus. 2021;7;1100-1106	3
7175	K. A. Yim, M.Rha, K. H.Simone, G.Minervini, A.Challacombe, B.Schips, L.Berardinelli, F.Quarto, G.Mehrazin, R.Patel, D.Patel, S.Bindayi, A.Ashrafi, A. N.Desai, M.Alqahtani, A.Gallucci, M.Sulek, J.Mari, A.De Luyk, N.Anele, U.Autorino, R.Porpiglia, F.Sundaram, C. P.Gill, I. S.Perdona, S.Derweesh, I. H., Outcomes of Robot-assisted Partial Nephrectomy for Clinical T3a Renal Masses: A Multicenter Analysis. European Urology Focus. 2021;7;1107-1114	3
7176	L. S. Lenfant, G.Aminsharifi, A.Kim, S.Wilson, C. A.Beksac, A. T.Schwen, Z.Kaouk, J., Pure Single-site Robot-assisted Radical Prostatectomy Using Single-port Versus Multiport Robotic Radical Prostatectomy: A Single-institution Comparative Study. European Urology Focus. 2021;7;964-972	3
7177	N. N. D. Harke, C.Radtke, J. P.von Ostau, N.Schiefelbein, F.Eraky, A.Hamann, C.Szarvas, T.Hadaschik, B. A.Tropmann-Frick, M.Juenemann, K. P.Schoen, G.Osmonov, D., Retroperitoneal Versus Transperitoneal Robotic Partial Nephrectomy: A Multicenter Matched-pair Analysis. European Urology Focus. 2021;7;1363-1370	3
7178	R. B. Schiavina, L.Lodi, S.Cercenelli, L.Chessa, F.Bortolani, B.Gaudiano, C.Casablanca, C.Droghetti, M.Porreca, A.Romagnoli, D.Golfieri, R.Giunchi, F.Fiorentino, M.Marcelli, E.Diciotti, S.Brunocilla, E., Real-time Augmented Reality Three-dimensional Guided Robotic Radical Prostatectomy: Preliminary Experience and Evaluation of the Impact on Surgical Planning. European Urology Focus. 2021;7;1260-1267	3
7179	J. B. Taylor, E.Wysock, J. S.Lenis, A. T.Litwin, M. S.Jipp, J.Langenstroer, P.Johnson, S.Bjurlin, M. A.Tan, H. J.Lane, B. R.Huang, W. C., Primary Robot-assisted Retroperitoneal Lymph Node Dissection for Men with Nonseminomatous Germ Cell Tumor: Experience from a Multi-institutional Cohort. European Urology Focus. 2021;7;1403-1408	3
7180	A. G. Olivero, A.Piccinelli, M.Secco, S.Di Trapani, D.Petralia, G.Strada, E.Barbieri, M.Napoli, G.Bocciardi, A. M., Retzius-sparing Robotic Radical Prostatectomy for Surgeons in the Learning Curve: A Propensity Score-matching Analysis. European Urology Focus. 2021;7;772-778	3
7181	M. C. K. Chen, P. S.Elliott, P. A.Artenstein, D.Slezak, J.Jacobsen, S. J.Chien, G. W., Neoadjuvant Leuprolide Therapy with Radical Prostatectomy: Long-term Effects on Health-related Quality of Life. European Urology Focus. 2021;7;779-787	2
7182	N. Z. Almassi, H.Ganesan, V.Fergany, A.Haber, G. P., Management of Challenging Urethro-ileal Anastomosis During Robotic Assisted Radical Cystectomy with Intracorporeal Neobladder Formation. European Urology. 2016;69;704-709	3
7183	R. M. A. Terra, P. H.Lauricella, L. L.Campos, J. R.Costa, H. F.Pego-Fernandes, P. M., Robotic pulmonary lobectomy for lung cancer treatment: program implementation and initial experience. Jornal Brasileiro De Pneumologia: Publicacao Oficial Da Sociedade Brasileira De Pneumologia E Tisilogia. 2016;42;185-90	3
7184	T. R. Tran, N.Doeuk, N.Dasgupta, P., Final robotic frontier: the evolution and current state of robot-assisted radical cystectomy. BJU International. 2016;118;675-676	8

7185	J. J. C. Leow, S. L.Meyer, C. P.Wang, Y.Hanske, J.Sammon, J. D.Cole, A. P.Preston, M. A.Dasgupta, P.Menon, M.Chung, B. I.Trinh, Q. D., Robot-assisted Versus Open Radical Prostatectomy: A Contemporary Analysis of an All-payer Discharge Database. European Urology. 2016;70;837-845	12
7186	C. N. Lovegrove, G.Mottrie, A.Guru, K. A.Brown, M.Challacombe, B.Popert, R.Raza, J.Van der Poel, H.Peabody, J.Dasgupta, P.Ahmed, K., Structured and Modular Training Pathway for Robot-assisted Radical Prostatectomy (RARP): Validation of the RARP Assessment Score and Learning Curve Assessment. European Urology. 2016;69;526-35	5
7187	G. A. Whittaker, A.Raison, N.Kum, F.Challacombe, B.Khan, M. S.Dasgupta, P.Ahmed, K., Validation of the RobotiX Mentor Robotic Surgery Simulator. Journal of Endourology. 2016;30;338-46	5
7188	G. L. F. Novara, S.Abaza, R.Adshead, J.Ahlawat, R.Buffi, N. M.Challacombe, B.Dasgupta, P.Moon, D. A.Parekh, D. J.Porpiglia, F.Rawal, S.Rogers, C.Volpe, A.Bhandari, M.Mottrie, A., Robot-assisted partial nephrectomy in cystic tumours: analysis of the Vattikuti Global Quality Initiative in Robotic Urologic Surgery (GQI-RUS) database. BJU International. 2016;117;642-7	3
7189	S. K. M. Al'-Shukri, M. S.Semenov, D. Y.Il'in, D. M., Experience of 424 Robot-Assisted Operations in St-Petersburg: Radical Prostatectomy, Partial and Radical Nephrectomy. Vestnik Khirurgii Imeni i - i - Grekova. 2016;175;27211	3
7190	M. C. Ranes, S. J.Vaught, J.Greves, C. E., Robot-Assisted Laparoscopic Myomectomy Versus Abdominal Myomectomy A Retrospective Comparison of Short-Term Surgical Outcomes. Journal of Reproductive Medicine. 2016;61;416-420	13
7191	S. B. D. Shafiei, S. T.Guru, K. A., Mentor's brain functional connectivity network during robotic assisted surgery mentorship. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2016;2016;1717-1720	2
7192	W. Yang, KimBurdette, E. C.Kazanzides, P.Iordachita, I., Robotic system with multiplex power transmission for MRI-guided percutaneous interventions. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2016;2016;5228-5232	2
7193	F. Lihang, P.Sevimli, Y.Balicki, M.Olds, K. C.Taylor, R. H., Accuracy assessment and kinematic calibration of the robotic endoscopic microsurgical system. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2016;2016;5091-5094	5
7194	G. A. Borghini, P.Di Flumeri, G.Colosimo, A.Storti, S. F.Menegaz, G.Fiorini, P.Babiloni, F., Neurophysiological measures for users' training objective assessment during simulated robot-assisted laparoscopic surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2016;2016;981-984	5
7195	C. M. B. R. Chiesa Estomba, F. A.Lorenzo Lorenzo, A. I.Farina Conde, J. L.Araujo Nores, J.Santidrian Hidalgo, C., Functional outcomes of supraglottic squamous cell carcinoma treated by transoral laser microsurgery compared with horizontal supraglottic laryngectomy in patients younger and older than 65 years. Acta Otorhinolaryngologica Italica. 2016;36;450-458	2
7196	S. I. Altinova, A. E.Akbulut, Z.Ozcan, M. F.Canda, A. E.Atmaca, A. F.Balbay, M. D., Removing the specimen with traction during robotic radical prostatectomy does not cause a positive surgical margin. Turkish Journal of Medical Sciences. 2016;46;1655-1657	3
7197	R. F. Gunelli, M.Salaris, C.Salomone, U.Urbinati, M.Vici, A.Zenico, T.Bertocco, M., The role of intraoperative ultrasound in small renal mass robotic enucleation. Archivio Italiano di Urologia, Andrologia. 2016;88;311-313	2

7198	D. Y. L. Ponzio, J. H., Robotic Technology Produces More Conservative Tibial Resection Than Conventional Techniques in UKA. American Journal of Orthopedics (Chatham, Nj). 2016;45;E465-E468	5
7199	G. B. G. Di Pierro, P.Mordasini, L.Danuser, H.Mattei, A., Robot-assisted radical prostatectomy in the setting of previous abdominal surgery: Perioperative results, oncological and functional outcomes, and complications in a single surgeon's series. International Journal Of Surgery. 2016;36;170-176	3
7200	T. M. Altokhais, H.Al-Qahtani, A.Al-Bassam, A., Robot-assisted Heller's myotomy for achalasia in children. Computer Assisted Surgery. 2016;21;127-131	3
7201	D. H. C. Kim, J. Y.Kim, B. G.Hwang, J. Y.Park, S. J.Oh, A. Y.Jeon, Y. T.Ryu, J. H., Prospective, randomized, and controlled trial on ketamine infusion during bilateral axillo-breast approach (BABA) robotic or endoscopic thyroidectomy: Effects on postoperative pain and recovery profiles: A consort compliant article. Medicine. 2016;95;e5485	3
7202	F. Y. A.-A. Bhora, A. M.Rehmani, S. S.Forleiter, C. M.Raad, W. N.Belsley, S. G., Robotically Assisted Thoracic Surgery: Proposed Guidelines for Privileging and Credentialing. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2016;11;386-389	5
7203	H. Y. Sang, C.Liu, F.Yun, J.Jin, G., A fuzzy neural network sliding mode controller for vibration suppression in robotically assisted minimally invasive surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;670-679	5
7204	A. G. Zihni, T.Ray, S.Wang, R.Liang, Z.Cavallo, J. A.Awad, M. M., Transfer and priming of surgical skills across minimally invasive surgical platforms. Journal of Surgical Research. 2016;206;48-52	2
7205	C. Nota, I. Q.van Hillegersberg, R.Borel Rinkes, I. H. M.Hagendoorn, J., Robotic liver resection including the posterosuperior segments: initial experience. Journal of Surgical Research. 2016;206;133-138	3
7206	M. Solis, New Frontiers in Robotic Surgery: The latest high-tech surgical tools allow for superhuman sensing and more. IEEE Pulse. 2016;7;51-55	5
7207	H. H. Yonekura, H.Sobue, K., Comparison of anesthetic management and outcomes of robot-assisted vs pure laparoscopic radical prostatectomy. Journal of Clinical Anesthesia. 2016;35;281-286	12
7208	S. R. S. Lucas, C. N., Clinical Engineering in Robotic Surgery Programs. Biomedical Instrumentation & Technology. 2016;50;415-420	10
7209	D. P. Pearlstein, Robotic Lobectomy Utilizing the Robotic Stapler. Annals of Thoracic Surgery. 2016;102;e591-e593	5
7210	M. P. Irani, C.Nematian, S.Julka, N.Bhatt, D.Bral, P., Patient Perceptions of Open, Laparoscopic, and Robotic Gynecological Surgeries. BioMed Research International. 2016;2016;4284093	5
7211	M. F. C. Echavarria, A. M.Velez-Cubian, F. O.Ng, E. P.Moodie, C. C.Garrett, J. R.Fontaine, J. P.Robinson, L. A.Toloza, E. M., Comparison of pulmonary function tests and perioperative outcomes after robotic-assisted pulmonary lobectomy vs segmentectomy. American Journal of Surgery. 2016;212;1175-1182	3
7212	Y. M. Xie, X.Gu, L.Li, H.Lv, X.Gao, Y.Yao, Y.Chen, L.Zhang, Y.Zhang, X., Associating the learning curve and tumor anatomical complexity with the margins, ischemia, and complications rate after robot-assisted partial nephrectomy. International Journal Of Surgery. 2016;36;219-224	3
7213	A. W. Feldmann, J.Zysset, P., Reducing temperature elevation of robotic bone drilling. Medical Engineering & Physics. 2016;38;1495-1504	2
7214	E. R. Franco, M.Rea, M.Gedroyc, W. M., Robot-assistant for MRI-guided liver ablation: A pilot study. Medical Physics. 2016;43;5347	2
7215	M. C. Arcerito, E.Bernal, O.Konkoly-Thege, A.Moon, J., Robotic Inguinal Hernia Repair: Technique and Early Experience. American Surgeon. 2016;82;1014-1017	3

7216	A. P. Dehal, S.Park, H.Nguyen, P.Yuhan, R.Ruan, J., Robotic Colorectal Surgery: Our Initial Experience. American Surgeon. 2016;82;907-910	3
7217	B. V. Hagen, M.Aune, G.Ravlo, M.Abusland, A. B.Araya, E.Sundset, M.Tingulstad, S., Indocyanine green fluorescence imaging of lymph nodes during robotic-assisted laparoscopic operation for endometrial cancer. A prospective validation study using a sentinel lymph node surgical algorithm. Gynecologic Oncology. 2016;143;479-483	3
7218	M. S. Wolboldt, B.Tenbrink, P.Shahrour, K.Jain, S., Same-Day Discharge for Patients Undergoing Robot-Assisted Laparoscopic Radical Prostatectomy Is Safe and Feasible: Results of a Pilot Study. Journal of Endourology. 2016;30;1296-1300	3
7219	R. C. Bianchi, G.Petralia, G.Alessi, S.Renne, G.Bottero, D.Brescia, A.Cioffi, A.Cordima, G.Ferro, M.Matei, D. V.Mazzoleni, F.Musi, G.Mistretta, F. A.Serino, A.Tringali, V. M. L.Coman, I.De Cobelli, O., Multiparametric magnetic resonance imaging and frozen-section analysis efficiently predict upgrading, upstaging, and extraprostatic extension in patients undergoing nerve-sparing robotic-assisted radical prostatectomy. Medicine. 2016;95;e4519	3
7220	M. H. Schootman, S.Ratnapradipa, K.Stringer, L.Davidson, N. O., Adoption of Robotic Technology for Treating Colorectal Cancer. Diseases of the Colon & Rectum. 2016;59;1011-1018	4
7221	H. J. X. Tan, S.Laviana, A. A.Chuang, R. J.Treat, E.Walsh, P. C.Hu, J. C., Technique and outcomes of bladder neck intussusception during robot-assisted laparoscopic prostatectomy: A parallel comparative trial. Urologic Oncology. 2016;34;529.e1-529.e7	3
7222	J. H. C. Park, S.Choi, Y. S.Seo, S. K.Lee, B. S., Robot-assisted segmental resection of tubal pregnancy followed by end-to-end reanastomosis for preserving tubal patency and fertility: An initial report. Medicine. 2016;95;e4714	2
7223	G. C. Cucinella, G.Romano, G.Di Buono, G.Gugliotta, G.Saitta, S.Adile, G.Manzone, M.Accardi, G.Perino, A.Agrusa, A., Robotic versus laparoscopic sacrocolpopexy for apical prolapse: a case-control study. Giornale di Chirurgia. 2016;37;113-117	13
7224	B. R. A. Bukowski, P.Khlopas, A.Chughtai, M.Mont, M. A.Illgen, R. L., 2nd, Improved Functional Outcomes with Robotic Compared with Manual Total Hip Arthroplasty. Surgical Technology International. 2016;29;303-308	12
7225	N. W. Stoikes, D.Voeller, G., Robotic Hernia Repair. Surgical Technology International. 2016;29;119-122	3
7226	X. W. Zhang, J.Song, X.Zhang, Y.Qian, W.Sheng, L.Shen, Z.Yang, L.Dong, R.Gu, W., Comparison of the impact of prolonged low-pressure and standard-pressure pneumoperitoneum on myocardial injury after robot-assisted surgery in the Trendelenburg position: study protocol for a randomized controlled trial. Trials [Electronic Resource]. 2016;17;488	3
7227	L. N. Mearini, E.Di Biase, M.Silvi, E.Sabatini, I.Porena, M., Robotic Retroperitoneal Lymph Node Dissection in Advanced Stage Disease. Urologia Internationalis. 2016;97;380-385	3
7228	A. D. Roosen, C.Nguyen, H. H.Heiland, M.Longwitz, D.Ubrig, B., Is One Early Renographic Follow-Up Adequate to Measure the Success of Robotic Pyeloplasty?. Journal of Endourology. 2016;30;1301-1305	3
7229	A. M. Z. Alenizi, K. C.Bienz, M.Rajih, E.Hueber, P. A.Al-Hathal, N.Benayoun, S.Lebeau, T.El-Hakim, A., Erectile function recovery after robotic-assisted radical prostatectomy (RARP): long term exhaustive analysis across all preoperative potency categories. Canadian Journal of Urology. 2016;23;8451-8456	3

7230	M. R. B. Helmers, M. W.Gorin, M. A.Pierorazio, P. M.Allaf, M. E., Robotic versus laparoscopic radical nephrectomy: comparative analysis and cost considerations. Canadian Journal of Urology. 2016;23;8435-8440	13
7231	S. A. v. d. B. Fransen, J.Stassen, L. P.Bouvy, N. D., Is Single-Port Laparoscopy More Precise and Faster with the Robot?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;898-904	1
7232	G. M. Spinoglio, A.Bianchi, P. P.Priora, F.Lenti, L. M.Ravazzoni, F.Formisano, G., Robotic Right Colectomy with Modified Complete Mesocolic Excision: Long-Term Oncologic Outcomes. Annals of Surgical Oncology. 2016;23;684-691	3
7233	J. R. G. McCarthy, T. S., Totally Endoscopic Robotic Mitral Valve Surgery. AORN Journal. 2016;104;293-306	3
7234	D. C. C. Ling, B. V.Kim, J.Choby, G. W.Kabolizadeh, P.Clump, D. A.Ferris, R. L.Kim, S.Beriwal, S.Heron, D. E.Duvvuri, U., Oncologic outcomes and patient-reported quality of life in patients with oropharyngeal squamous cell carcinoma treated with definitive transoral robotic surgery versus definitive chemoradiation. Oral Oncology. 2016;61;15128	9
7235	T. C. L. Chulam, R. B.Kowalski, L. P., Robotic-assisted modified retroauricular cervical approach: initial experience in Latin America. Revista do Colegio Brasileiro de Cirurgioes. 2016;43;289-91	2
7236	K. V.-C. Toosi, F. O.Glover, J.Ng, E. P.Moodie, C. C.Garrett, J. R.Fontaine, J. P.Toloza, E. M., Upstaging and survival after robotic-assisted thoracoscopic lobectomy for non-small cell lung cancer. Surgery. 2016;160;1211-1218	3
7237	M. F. Jain, B. T.Hess, L. W.Anger, J. T.Gewertz, B. L.Catchpole, K., Barriers to efficiency in robotic surgery: the resident effect. Journal of Surgical Research. 2016;205;296-304	5
7238	A. S. P. Bates, V. R., Applications of indocyanine green in robotic urology. Journal of Robotic Surgery. 2016;10;357-359	2
7239	I. S. R. Sarkaria, N. P.Grosser, R.Goldman, D.Finley, D. J.Ghanie, A.Sima, C. S.Bains, M. S.Adusumilli, P. S.Rusch, V. W.Jones, D. R., Attaining Proficiency in Robotic-Assisted Minimally Invasive Esophagectomy While Maximizing Safety During Procedure Development. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2016;11;268-73	3
7240	D. H. K. Kim, H.Kwak, S.Baek, K.Na, G.Kim, J. H.Kim, S. H., The Settings, Pros and Cons of the New Surgical Robot da Vinci Xi System for Transoral Robotic Surgery (TORS): A Comparison With the Popular da Vinci Si System. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2016;26;391-396	7
7241	M. W. H. Louie-Johnsun, M. M.Calopedos, R. J.Chabert, C.Cohen, R. J.Gianduzzo, T. R.Kearns, P. A.Moon, D. A.Ooi, J.Shannon, T.Sofield, D.Tan, A. H., The Australian laparoscopic non robotic radical prostatectomy experience - analysis of 2943 cases (USANZ supplement). BJU International. 2016;118 Suppl 3;43-48	2
7242	V. D. P. Horst, H. D.Hewlett, S. C., Robotic Transhiatal Esophagectomy in a Community Hospital: Evolution of Technique. American Surgeon. 2016;82;730-2	3
7243	M. J. S. Watson, A.Diaz, A. W.Siddiqui, M. M.Hankins, R. A.Bratslavsky, G.Linehan, W. M.Metwalli, A. R., Repeat Robotic Partial Nephrectomy: Characteristics, Complications, and Renal Functional Outcomes. Journal of Endourology. 2016;30;1219-1226	3
7244	M. A. D. Masrur, D.Vannucchi, A.Vannemreddy, S. N.Gonzalez-Ciccarelli, L. F.Rbrown, R.Pier, C., Minimally invasive treatment of difficult bleeding lesions of the small bowel. Minerva Chirurgica. 2016;71;293-9	2

7245	A. C.-S. Zakhari, N.Spence, A. R.Gotlieb, W. H.Abenhaim, H. A., Hysterectomy for Uterine Cancer in the Elderly: A Comparison Between Laparoscopic and Robot-Assisted Techniques. International Journal of Gynecological Cancer. 2016;26;1222-7	13
7246	F. I. Cianchi, G.Trallori, G.Ortolani, M.Paoli, B.Macri, G.Lami, G.Mallardi, B.Badii, B.Staderini, F.Qirici, E.Taddei, A.Ringressi, M. N.Messerini, L.Novelli, L.Bagnoli, S.Bonanomi, A.Foppa, C.Skalamera, I.Fiorenza, G.Perigli, G., Robotic vs laparoscopic distal gastrectomy with D2 lymphadenectomy for gastric cancer: a retrospective comparative mono-institutional study. BMC Surgery. 2016;16;65	12
7247	A. L. B. Gutierrez, M. L.Ramos, J. G., Early Experience of Robotic Hysterectomy for Treatment of Benign Uterine Disease. Revista Brasileira de Ginecologia e Obstetricia. 2016;38;450-455	3
7248	E. S. Mahmud, F.Kalmar, P.Deutschmann, H.Hafner, F.Rief, P.Brodmann, M., Feasibility and Safety of Robotic Peripheral Vascular Interventions: Results of the RAPID Trial. Jacc: Cardiovascular Interventions. 2016;9;2058-2064	3
7249	V. C. Ozben, T. B.Atasoy, D.Bayraktar, O.Aghayeva, A.Erguner, I.Baca, B.Hamzaoglu, I.Karahasanoglu, T., Is da Vinci Xi Better than da Vinci Si in Robotic Rectal Cancer Surgery? Comparison of the 2 Generations of da Vinci Systems. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2016;26;417-423	3
7250	S. G. U. Krishnan, K.Lockwood, C.Hodge, J. C., Oncological and survival outcomes following transoral robotic surgery versus transoral laser microsurgery for the treatment of oropharyngeal squamous cell carcinoma: a systematic review protocol. JBI Database Of Systematic Reviews And Implementation Reports. 2016;14;90-102	5
7251	C. L. V. Wilshire, E.Shultz, D.Aye, R. W.Farivar, A. S.Louie, B. E., Robotic Resection of 3 cm and Larger Thymomas Is Associated With Low Perioperative Morbidity and Mortality. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2016;11;321-326	13
7252	X. G. Pan, C.Wang, R.Zhao, H.Shi, J.Chen, H., Initial Experience of Robotic Sleeve Resection for Lung Cancer Patients. Annals of Thoracic Surgery. 2016;102;1892-1897	3
7253	N. T. Kishimoto, T.Yamamichi, G.Okusa, T.Taniguchi, A.Tsutahara, K.Tanigawa, G.Yamaguchi, S., Impact of prior abdominal surgery on the outcomes after robotic - assisted laparoscopic radical prostatectomy: single center experience. International Braz J Urol. 2016;42;918-924	3
7254	A. F. Barrie, A. H.Lyon, L.Garcia, C.Conell, C.Abbott, L. H.Littell, R. D.Powell, C. B., Classification of Postoperative Complications in Robotic-assisted Compared With Laparoscopic Hysterectomy for Endometrial Cancer. Journal of Minimally Invasive Gynecology. 2016;23;1181-1188	13
7255	A. A. Abdel Raheem, A.Soto, I.Kim, D. K.Kim, L. H.Santok, G. D.Lum, T. G.Choi, Y. D.Rha, K. H., Robot-assisted partial nephrectomy confers excellent long-term outcomes for the treatment of complex cystic renal tumors: Median follow up of 58 months. International Journal of Urology. 2016;23;976-982	3
7256	R. B. Schiavina, L.Borghesi, M.Briganti, A.Brunocilla, E.Carini, M.Terrone, C.Mottrie, A.Dente, D.Gacci, M.Gontero, P.Gurioli, A.Imbimbo, C.La Manna, G.Marchioro, G.Milanese, G.Mirone, V.Montorsi, F.Morgia, G.Munegato, S.Novara, G.Panarello, D.Porreca, A.Russo, G. I.Serni, S.Simonato, A.Urzi, D.Verze, P.Volpe, A.Martorana, G., Predicting survival in node-positive prostate cancer after open, laparoscopic or robotic radical prostatectomy: A competing risk analysis of a multi-institutional database. International Journal of Urology. 2016;23;1000-1008	12
7257	S. M. Loeb, C. P.Krasnova, A.Curnyn, C.Reznor, G.Kibel, A. S.Lepor, H.Trinh, Q. D., Risk of Small Bowel Obstruction After Robot-Assisted vs Open Radical Prostatectomy. Journal of Endourology. 2016;30;1291-1295	12

7258	N. K. Napoli, E. F.Menonna, F.Perrone, V. G.Brozzetti, S.Boggi, U., Indications, technique, and results of robotic pancreatoduodenectomy. Updates in Surgery. 2016;68;295-305	3
7259	K. M. Grimminck, S. L.Tjin-Asjoe, F.Martens, J.Aktas, M., Long-term follow-up and quality of life after robot assisted sacrohysteropexy. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2016;206;27-31	3
7260	S. L. H. Breves, I.McCarthy, J.Kashem, M.Moser, G. W.Kelley, T. M., Jr.Mills, E. E.Wheatley, G. H., 3rdGuy, T. S., Ascending Aortic Endoballoon Occlusion Feasible Despite Moderately Enlarged Aorta to Facilitate Robotic Mitral Valve Surgery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2016;11;355-359	2
7261	F. Z. R. Husain, D. C.Paulucci, D. J.Sfakianos, J. P.Abaza, R.Badani, K. K., R.E.N.A.L. Nephrometry Score Predicts Non-neoplastic Parenchymal Volume Removed During Robotic Partial Nephrectomy. Journal of Endourology. 2016;30;1099-1104	3
7262	P. S. Geavlete, R.Georgescu, D.Multescu, R.Iordache, V.Kabakci, A. S.Ene, C.Geavlete, B., Robotic Flexible Ureteroscopy Versus Classic Flexible Ureteroscopy in Renal Stones: the Initial Romanian Experience. Chirurgia (Bucuresti). 2016;111;326-9	12
7263	J. J. d. W. van Iersel, C. J.Verheijen, P. M.Broeders, I. A.Lenters, E.Consten, E. C.Schraffordt Koops, S. E., Robot-Assisted Sacrocolporectopexy for Multicompartment Prolapse of the Pelvic Floor: A Prospective Cohort Study Evaluating Functional and Sexual Outcome. Diseases of the Colon & Rectum. 2016;59;968-74	3
7264	A. K. Shiomi, Y.Yamaguchi, T.Kagawa, H.Yamakawa, Y., Robot-assisted versus laparoscopic surgery for lower rectal cancer: the impact of visceral obesity on surgical outcomes. International Journal of Colorectal Disease. 2016;31;1701-10	12
7265	H. M. Momozono, H.Fujisawa, M., Impact of Periurethral Inflammation on Continence Status Early After Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2016;30;1207-1213	3
7266	M. P. L. Kurtz, J. J.Varda, B. K.Logvinenko, T.Yu, R. N.Nelson, C. P.Chung, B. I.Chang, S. L., Robotic versus open pediatric ureteral reimplantation: Costs and complications from a nationwide sample. Journal of pediatric urology. 2016;12;408.e1-408.e6	12
7267	D. R. A. Gilbert, J.Abaza, R., Evaluation of Absorbable Hemostatic Powder for Prevention of Lymphoceles Following Robotic Prostatectomy With Lymphadenectomy. Urology. 2016;98;75-80	3
7268	K. D. S. Price, V. W.Mougenot, C.Pichardo, S.Looi, T.Waspe, A. C.Drake, J. M., Design and validation of an MR-conditional robot for transcranial focused ultrasound surgery in infants. Medical Physics. 2016;43;4983	2
7269	M. O. Ezelsoy, K.Caynak, B.Bayramoglu, Z.Akpinar, B., Pain and the Quality of Life Following Robotic Assisted Minimally Invasive Surgery. Heart Surgery Forum. 2016;19;E165-8	13
7270	M. P. Fode, G. L.Azawi, N., Symptomatic urachal remnants: Case series with results of a robot-assisted laparoscopic approach with primary umbilicoplasty. Scandinavian Journal of Urology. 2016;50;463-467	3

7271	F. J. E. Backes, A. C.Farrell, M. R.Brudie, L. A.Ahmad, S.Salani, R.Cohn, D. E.Holloway, R. W.Fowler, J. M.O'Malley, D. M., Perioperative Outcomes for Laparotomy Compared to Robotic Surgical Staging of Endometrial Cancer in the Elderly: A Retrospective Cohort. International Journal of Gynecological Cancer. 2016;26;1717-1721	12
7272	K. A. P. Blum, D. J.Abaza, R.Eun, D. D.Bhandari, A.Delto, J. C.Krane, L. S.Hemal, A. K.Badani, K. K., Main Renal Artery Clamping With or Without Renal Vein Clamping During Robotic Partial Nephrectomy for Clinical T1 Renal Masses: Perioperative and Long-term Functional Outcomes. Urology. 2016;97;118-123	3
7273	R. J. W. Cerfolio, B.Hawn, M. T.Minnich, D. J., Robotic Esophagectomy for Cancer: Early Results and Lessons Learned. Seminars in Thoracic & Cardiovascular Surgery. 2016;28;160-9	3
7274	S. J. G. Hinshaw, S.Eastwood, D.Bradley, W. H., Endometrial carcinoma: The perioperative and long-term outcomes of robotic surgery in the morbidly obese. Journal of Surgical Oncology. 2016;114;884-887	13
7275	D. D. C. Axente, N. A., Robot-assisted transaxillary thyroid surgery-retrospective analysis of anthropometric features. Langenbecks Archives of Surgery. 2016;401;975-981	3
7276	A. K. Doe, M.Tamura, Y.Sakai, A.Suzuki, K., A comparative analysis of the effects of sevoflurane and propofol on cerebral oxygenation during steep Trendelenburg position and pneumoperitoneum for robotic-assisted laparoscopic prostatectomy. Journal of Anesthesia. 2016;30;949-955	3
7277	A. H. Cusano, P., Jr.Jackson, M.Staff, I.Wagner, J.Meraney, A., A comparison of preliminary oncologic outcome and postoperative complications between patients undergoing either open or robotic radical cystectomy. International Braz J Urol. 2016;42;663-70	13
7278	E. H. Moss, M. E.Miller, J. S.Murphy, D. A., Comparison of Endoscopic Robotic Versus Sternotomy Approach for the Resection of Left Atrial Tumors. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2016;11;274-7	13
7279	Y. B. K. Jung, J.Park, E. J.Baik, S. H.Lee, K. Y., Time to Initiation of Adjuvant Chemotherapy in Colon Cancer: Comparison of Open, Laparoscopic, and Robotic Surgery. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;799-805	12
7280	C. K. Groeben, R.Baunacke, M.Wirth, M. P.Huber, J., Robots drive the German radical prostatectomy market: a total population analysis from 2006 to 2013. Prostate Cancer & Prostatic Diseases. 2016;19;412-416	2
7281	M. J. F. Biles, J. B.Silva, M. V.Lambert, S. M.Casale, P., Innovation in Robotics and Pediatric Urology: Robotic Ureteroureterostomy for Duplex Systems with Ureteral Ectopia. Journal of Endourology. 2016;30;1041-1048	2
7282	J. L. T. Faucheron, B.Barbois, S.Sage, P. Y.Waroquet, P. A.Reche, F., Day case robotic ventral rectopexy compared with day case laparoscopic ventral rectopexy: a prospective study. Techniques in Coloproctology. 2016;20;695-700	12
7283	M. Z. Dhir, M. S.Padussis, J. C.Jones, H. L.Perkins, S.Clifford, A. K.Steve, J.Hogg, M. E.Choudry, H. A.Holtzman, M. P.Zeh, H. J., 3rdPingpank, J. F.Bartlett, D. L.Zureikat, A. H., Robotic assisted placement of hepatic artery infusion pump is a safe and feasible approach. Journal of Surgical Oncology. 2016;114;342-7	3
7284	D. F. Herz, M.Todd, A.McLeod, D.Smith, J., Robot-assisted laparoscopic extravesical ureteral reimplant: A critical look at surgical outcomes. Journal of pediatric urology. 2016;12;402.e1-402.e9	3

7285	J. D. Song, H.Han, W.Wang, J.Wang, G., A motion compensation method for bi-plane robot-assisted internal fixation surgery of a femur neck fracture. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2016;230;942-8	5
7286	L. T. Morelli, D.Bronzoni, J.Palmeri, M.Guadagni, S.Di Franco, G.Gennai, A.Bianchini, M.Bastiani, L.Moglia, A.Ferrari, V.Fommei, E.Pietrabissa, A.Di Candio, G.Mosca, F., Robotic assisted versus pure laparoscopic surgery of the adrenal glands: a case-control study comparing surgical techniques. Langenbecks Archives of Surgery. 2016;401;999-1006	13
7287	R. A. W.-D. Hankins, A.Truong, H.Shih, J.Bratslavsky, G.Pinto, P. A.Marston Linehan, W.Metwalli, A. R., Renal functional outcomes after robotic multiplex partial nephrectomy: the National Cancer Institute experience with robotic partial nephrectomy for 3 or more tumors in a single kidney. International Urology & Nephrology. 2016;48;1817-1821	3
7288	J. M. K. Park, H. I.Han, S. U.Yang, H. K.Kim, Y. W.Lee, H. J.An, J. Y.Kim, M. C.Park, S.Song, K. Y.Oh, S. J.Kong, S. H.Suh, B. J.Yang, D. H.Ha, T. K.Hyung, W. J.Ryu, K. W., Who may benefit from robotic gastrectomy?: A subgroup analysis of multicenter prospective comparative study data on robotic versus laparoscopic gastrectomy. European Journal of Surgical Oncology. 2016;42;1944-1949	12
7289	P. D. W. Chen, C. Y.Hu, R. H.Ho, C. M.Lee, P. H.Lai, H. S.Lin, M. T.Wu, Y. M., Robotic liver donor right hepatectomy: A pure, minimally invasive approach. Liver Transplantation. 2016;22;1509-1518	12
7290	A. O. Toker, M. O.Demirhan, O.Ayalp, K.Kaba, E.Uyumaz, E., Lymph Node Dissection in Surgery for Lung Cancer: Comparison of Open vs. Video-Assisted vs. Robotic-Assisted Approaches. Annals of Thoracic & Cardiovascular Surgery. 2016;22;284-290	13
7291	L. M. M.-O. Ocuin, J. L.Novak, S. M.Bartlett, D. L.Marsh, J. W.Tsung, A.Lee, K. K.Hogg, M. E.Zeh, H. J.Zureikat, A. H., Robotic and open distal pancreatectomy with celiac axis resection for locally advanced pancreatic body tumors: a single institutional assessment of perioperative outcomes and survival. HPB. 2016;18;835-842	12
7292	M. J. Koskas, M.Fournier, M.Vergote, I.Trum, H.Lok, C.Amant, F., Long-term oncological safety of minimally invasive surgery in high-risk endometrial cancer. European Journal of Cancer. 2016;65;185-91	2
7293	N. E. L. Canvasser, A. H.Koseoglu, E.Morgan, M. S.Cadeddu, J. A., Posterior Urethral Suspension During Robot-Assisted Radical Prostatectomy Improves Early Urinary Control: A Prospective Cohort Study. Journal of Endourology. 2016;30;1089-1094	3
7294	J. G. Guo, S.Yu, Y., Design and characteristics evaluation of a novel teleoperated robotic catheterization system with force feedback for vascular interventional surgery. Biomedical Microdevices. 2016;18;76	2
7295	M. J. G. Ehlert, P.Park, J.Sirls, L. T., Detailed Cost Analysis of Robotic Sacrocolpopexy Compared to Transvaginal Mesh Repair. Urology. 2016;97;86-91	13
7296	J. S. C. Kim, J. B.Lee, S. Y.Kim, W. H.Baek, N. H.Kim, J.Park, C. K.Lee, Y. J.Park, S. Y., Pain related to robotic cholecystectomy with lower abdominal ports: effect of the bilateral ultrasound-guided split injection technique of rectus sheath block in female patients: A prospective randomised trial. Medicine. 2016;95;e4445	3
7297	Z. A. Tsafrir, J.Hanna, R.Papalekas, E.Schiff, L.Theoharis, E.Eisenstein, D., Robotic Trachelectomy After Supracervical Hysterectomy for Benign Gynecologic Disease. Journal of the Society of Laparoendoscopic Surgeons. 2016;20;Jul-Sep	3
7298	L. T. Schiff, Z.Aoun, J.Taylor, A.Theoharis, E.Eisenstein, D., Quality of Communication in Robotic Surgery and Surgical Outcomes. Journal of the Society of Laparoendoscopic Surgeons. 2016;20;Jul-Sep	5

7299	A. A. D. Hussein, S.Hinata, N.Field, E.O'Leary, K.Kuvshinoff, B.Mohler, J. L.Wilding, G.Guru, K. A., Development and Validation of a Quality Assurance Score for Robot-assisted Radical Cystectomy: A 10-year Analysis. Urology. 2016;97;124-129	3
7300	J. B. Q. Jin, K.Li, H.Wu, Z. C.Zhan, Q.Deng, X. X.Chen, H.Shen, B. Y.Peng, C. H.Li, H. W., Robotic Enucleation for Benign or Borderline Tumours of the Pancreas: A Retrospective Analysis and Comparison from a High-Volume Centre in Asia. World Journal of Surgery. 2016;40;3009-3020	12
7301	G. S. Herrera-Almario, V. E., Minimally Invasive Gastric Surgery. Annals of Surgical Oncology. 2016;23;3792-3797	5
7302	F. H. Tian, X. F.Wu, W. M.Han, X. L.Wang, M. Y.Cong, L.Dai, M. H.Liao, Q.Zhang, T. P.Zhao, Y. P., Propensity score-matched analysis of robotic versus open surgical enucleation for small pancreatic neuroendocrine tumours. British Journal of Surgery. 2016;103;1358-64	12
7303	O. M. Kara, M. J.Malkoc, E.Ramirez, D.Nelson, R. J.Caputo, P. A.Stein, R. J.Kaouk, J. H., Comparison of robot-assisted and open partial nephrectomy for completely endophytic renal tumours: a single centre experience. BJU International. 2016;118;946-951	13
7304	L. G. Morelli, S.Lorenzoni, V.Di Franco, G.Cobuccio, L.Palmeri, M.Caprili, G.D'Isidoro, C.Moglia, A.Ferrari, V.Di Candio, G.Mosca, F.Turchetti, G., Robot-assisted versus laparoscopic rectal resection for cancer in a single surgeon's experience: a cost analysis covering the initial 50 robotic cases with the da Vinci Si. International Journal of Colorectal Disease. 2016;31;1639-48	12
7305	J. H. Jing, M. L., Using a Checklist in Robotic-Assisted Laparoscopic Radical Prostatectomy Procedures. AORN Journal. 2016;104;145-52	5
7306	M. K. Widmar, M.Beltran, P.Nash, G. M.Guillem, J. G.Temple, L. K.Paty, P. B.Weiser, M. R.Garcia-Aguilar, J., Incisional hernias after laparoscopic and robotic right colectomy. Hernia. 2016;20;723-8	12
7307	B. R. Domb, S.Walsh, J. P.Close, M. R.Chaharbakhshi, E. O.Perets, I., Outpatient Robotic-Arm Total Hip Arthroplasty Surgical Technique. Surgical Technology International. 2016;29;235-239	5
7308	P. M. D. I. Pierro GBGrande, L.Danuser, H.Mattei, A., Safety and Efficacy of Robot-assisted Radical Prostatectomy in a Low-volume Center: A 6-year Single-surgeon Experience. Anticancer Research. 2016;36;840606	3
7309	V. S. Vallabh-Patel, C.Salamon, C., Subjective and Objective Outcomes of Robotic and Vaginal High Uterosacral Ligament Suspension. Female Pelvic Medicine & Reconstructive Surgery. 2016;22;420-424	2
7310	T. E. S. Stout, S. D.Goh, A. C., Post-chemotherapy robotic bilateral retroperitoneal lymph node dissection using a novel single-dock technique. Journal of Robotic Surgery. 2016;10;353-356	2
7311	N. L. de'Angelis, V.Azoulay, D.Brunetti, F., Robotic Versus Laparoscopic Right Colectomy for Colon Cancer: Analysis of the Initial Simultaneous Learning Curve of a Surgical Fellow. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;882-892	12
7312	K. E. Z. Cunningham, M. S.Petrie, J. R.Steve, J. L.Hogg, M. E.Zeh, H. J., 3rdZureikat, A. H., A policy of omitting an intensive care unit stay after robotic pancreaticoduodenectomy is safe and cost-effective. Journal of Surgical Research. 2016;204;44787	3
7313	A. Y. P. Abdelbadee, R. M.McFarland, H. D.Bedaiwy, M. A.Ciancibello, L.Anderson, G.Zanotti, K. M., Computed Tomography Morphometrics and Pulmonary Intolerance in Endometrial Cancer Robotic Surgery. Journal of Minimally Invasive Gynecology. 2016;23;1075-1082	3

7314	N. A. Haga, K.Hoshi, S.Yabe, M.Akaihata, H.Hata, J.Sato, Y.Ogawa, S.Ishibashi, K.Kojima, Y., The Effect of the Vesical Adaptation Response to Diuresis on Lower Urinary Tract Symptoms after Robot-Assisted Laparoscopic Radical Prostatectomy: A Pilot Proof of Concept Study. PLoS ONE [Electronic Resource]. 2016;11;e0159514	3
7315	E. T. Schommer, K.Li, Z.Thiel, D. D., Impact of Resident Involvement on Robot-Assisted Radical Prostatectomy Outcomes. Journal of Endourology. 2016;30;1126-1131	3
7316	A. J. B. Cohen, K.Murthy, P.Wilcox, D. T.Gundeti, M. S., Comparative Outcomes and Perioperative Complications of Robotic Vs Open Cystoplasty and Complex Reconstructions. Urology. 2016;97;172-178	12
7317	J. S. Ahmed, N.Khan, L.Kuzu, A.Parvaiz, A., Standardized technique for single-docking robotic rectal surgery. Colorectal Disease. 2016;18;O380-O384	5
7318	D. J. L. Bak, Y. J.Woo, M. J.Chung, J. W.Ha, Y. S.Kim, H. T.Kim, T. H.Yoo, E. S.Kim, B. W.Kwon, T. G., Complications and oncologic outcomes following robot-assisted radical cystectomy: What is the real benefit?. Investigative And Clinical Urology. 2016;57;260-7	13
7319	M. C. Pantelidou, B.McGrath, A.Brown, M.Ilyas, S.Katsanos, K.Adam, A., Percutaneous Radiofrequency Ablation Versus Robotic-Assisted Partial Nephrectomy for the Treatment of Small Renal Cell Carcinoma. Cardiovascular & Interventional Radiology. 2016;39;1595-1603	13
7320	F. M. Frosini, R.Grillone, S.Dori, F.Gentili, G. B.Belardinelli, A., Integrated HTA-FMEA/FMECA methodology for the evaluation of robotic system in urology and general surgery. Technology & Health Care. 2016;24;873-887	2
7321	A. H. P. Zureikat, L. M.Liu, Y.Gillespie, T. W.Weber, S. M.Abbott, D. E.Ahmad, S. A.Maithel, S. K.Hogg, M. E.Zenati, M.Cho, C. S.Salem, A.Xia, B.Steve, J.Nguyen, T. K.Keshava, H. B.Chalikonda, S.Walsh, R. M.Talamonti, M. S.Stocker, S. J.Bentrem, D. J.Lumpkin, S.Kim, H. J.Zeh, H. J., 3rdKooby, D. A., A Multi-institutional Comparison of Perioperative Outcomes of Robotic and Open Pancreaticoduodenectomy. Annals of Surgery. 2016;264;640-9	12
7322	C. P.-V. Deboudt, M. A.Le Normand, L.Perrouin-Verbe, B.Buge, F.Rigaud, J., Comparison of the morbidity and mortality of cystectomy and ileal conduit urinary diversion for neurogenic lower urinary tract dysfunction according to the approach: Laparotomy, laparoscopy or robotic. International Journal of Urology. 2016;23;848-853	12
7323	A. D. C. Asimakopoulos, A.Gakis, G.Corona Montes, V. E.Piechaud, T.Hoepffner, J. L.Mugnier, C.Gaston, R., Nerve Sparing, Robot-Assisted Radical Cystectomy with Intracorporeal Bladder Substitution in the Male. Journal of Urology. 2016;196;1549-1557	3
7324	T. D. B. Davis, A. S.Corbett, S. T.Peters, C. A., Reoperative robotic pyeloplasty in children. Journal of pediatric urology. 2016;12;394.e1-394.e7	3
7325	N. A. Haga, K.Hoshi, S.Yabe, M.Akaihata, H.Hata, J.Satoh, Y.Ogawa, S.Ishibashi, K.Kojima, Y., Postoperative urinary incontinence exacerbates nocturia-specific quality of life after robot-assisted radical prostatectomy. International Journal of Urology. 2016;23;873-878	3
7326	N. R. Abdullah, H.Barod, R.Dalela, D.Larson, J.Johnson, M.Mass, A.Zargar, H.Allaf, M.Bhayani, S.Stifelman, M.Kaouk, J.Rogers, C., Multicentre outcomes of robot-assisted partial nephrectomy after major open abdominal surgery. BJU International. 2016;118;298-301	3
7327	F. S. Bagante, G.Strasberg, S. M.Gani, F.Thompson, V.Hall, B. L.Bentrem, D. J.Pitt, H. A.Pawlik, T. M., Minimally Invasive vs. Open Hepatectomy: a Comparative Analysis of the National Surgical Quality Improvement Program Database. Journal of Gastrointestinal Surgery. 2016;20;1608-17	2

7328	B. S. Peyronnet, T.Oger, E.Vaessen, C.Grassano, Y.Benoit, T.Carrouget, J.Pradere, B.Khene, Z.Giwerc, A.Mathieu, R.Beauval, J. B.Nouhaud, F. X.Bigot, P.Doumerc, N.Bernhard, J. C.Mejean, A.Patard, J. J.Shariat, S.Roupret, M.Bensalah, K.French Comittee of Urologic, Oncology, Comparison of 1800 Robotic and Open Partial Nephrectomies for Renal Tumors. Annals of Surgical Oncology. 2016;23;4277-4283	13
7329	D. M. Ramirez, M. J.Kaouk, J. H., Robotic perineal radical prostatectomy and pelvic lymph node dissection using a purpose-built single-port robotic platform. BJU International. 2016;118;829-833	7
7330	P. Y. Muangkaew, A., Robotic Technique for Accessing Left Hepatic Vein Through Ligamentum Venosum in Left Hepatectomy: How I Do It?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;725-9	2
7331	S. J. Rahimi, P. C.Gattoc, L.Westermann, L.Cichowski, S.Raker, C.Weber LeBrun, E.Sung, V., Comparison of Perioperative Complications by Route of Hysterectomy Performed for Benign Conditions. Female Pelvic Medicine & Reconstructive Surgery. 2016;22;364-8	2
7332	O. B. M. Argun, P.Tufek, I.Obek, C.Tuna, M. B.Keskin, S.Kural, A. R., Minimizing Ports During Robotic Partial Nephrectomy. Journal of the Society of Laparoendoscopic Surgeons. 2016;20;Apr-Jun	3
7333	S. F. Herling, Robotic-assisted laparoscopic hysterectomy for women with endometrial cancer - complications, women's experiences, quality of life and a health economic evaluation. Danish Medical Journal. 2016;63;	3
7334	R. H. C. Hollis, J. A.Singletary, B. A.Korb, M. L.Hawn, M. T.Heslin, M. J., Understanding the Value of Both Laparoscopic and Robotic Approaches Compared to the Open Approach in Colorectal Surgery. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;850-856	12
7335	M. N. F. Simmons, M.Krigbaum, T.Neeb, A. D., Outcomes and Complications of Robotic-assisted Laparoscopic Prostatectomy in a Community Hospital Setting. Urology. 2016;96;136-141	3
7336	J. N. P. Cho, W. S.Min, S. Y.Han, S. A.Song, J. Y., Surgical outcomes of robotic thyroidectomy vs. conventional open thyroidectomy for papillary thyroid carcinoma. World Journal of Surgical Oncology. 2016;14;181	12
7337	J. R. R. Cracchiolo, B. R.Kutler, D. I.Kuhel, W. I.Cohen, M. A., Adoption of transoral robotic surgery compared with other surgical modalities for treatment of oropharyngeal squamous cell carcinoma. Journal of Surgical Oncology. 2016;114;405-11	3
7338	A. K. Abdel Raheem, D. K.Santok, G. D.Alabdulaali, I.Chung, B. H.Choi, Y. D.Rha, K. H., Stratified analysis of 800 Asian patients after robot-assisted radical prostatectomy with a median 64 months of follow up. International Journal of Urology. 2016;23;765-74	3
7339	J. S. L. Kim, J.Soh, E. Y.Ahn, H.Oh, S. E.Lee, J. D.Joe, H. B., Analgesic Effects of Ultrasound-Guided Serratus-Intercostal Plane Block and Ultrasound-Guided Intermediate Cervical Plexus Block After Single-Incision Transaxillary Robotic Thyroidectomy: A Prospective, Randomized, Controlled Trial. Regional Anesthesia & Pain Medicine. 2016;41;584-8	3
7340	C. B. Corbellini, R.Luca, F.Chiappa, A.Costa, S.Bertani, E.Bona, S.Lombardi, D.Tamayo, D.Botteri, E.Andreoni, B., Open, laparoscopic, and robotic surgery for rectal cancer: medium-term comparative outcomes from a multicenter study. Tumori. 2016;102;414-21	12
7341	A. V. Villeneuve, S.Bakhos, D.Lescanne, E.Pinlong, E.Moriniere, S., Management of laryngoceles by transoral robotic surgery. European Archives of Oto-Rhino-Laryngology. 2016;273;3813-3817	3

7342	A. Y. F. Li, C. P.Hollingsworth, J. M.He, C.Weizer, A. Z.Hollenbeck, B. K.Gilbert, S. M.Hafez, K. S.Lee, C. T.Dunn, R. L.Montgomery, J. S., Patient-Reported Convalescence and Quality of Life Recovery: A Comparison of Open and Robotic-Assisted Radical Cystectomy. Surgical Innovation. 2016;23;598-605	13
7343	K. Putnam, Challenges associated with robot-assisted surgery. AORN Journal. 2016;103;P7-9	5
7344	M. S. P. Gundeti, M. E.Pariser, J. J.Pearce, S. M.Anderson, B. B.Grimsby, G. M.Akhavan, A.Dangle, P. P.Shukla, A. R.Lendvay, T. S.Cannon, G. M., Jr.Gargollo, P. C., A multi-institutional study of perioperative and functional outcomes for pediatric robotic-assisted laparoscopic Mitrofanoff appendicovesicostomy. Journal of pediatric urology. 2016;12;386.e1-386.e5	3
7345	A. P. Sharma, S.Baik, F. M.Mathison, G.Pierce, B. H.Khariwala, S. S.Yueh, B.Schwartz, S. M.Mendez, E., Survival and Gastrostomy Prevalence in Patients With Oropharyngeal Cancer Treated With Transoral Robotic Surgery vs Chemoradiotherapy. JAMA Otolaryngology-- Head & Neck Surgery. 2016;142;691-7	12
7346	A. P. Patel, M. W.Littlejohn, N.Zamilpa, I.Rettiganti, M.Luo, C.Canon, S., Shortened operative time for pediatric robotic versus laparoscopic dismembered pyeloplasty. Canadian Journal of Urology. 2016;23;2340780	13
7347	S. C. Yanamadala, B. I.Hernandez-Boussard, T. M., Robot-assisted versus open radical prostatectomy utilization in hospitals offering robotics. Canadian Journal of Urology. 2016;23;8279-84	12
7348	P. A. N. Kenney, C. B.Mustafa, M.Wen, S.Wszolek, M. F.Pettaway, C. A.Ward, J. F.Davis, J. W.Pisters, L. L., Robotic-assisted laparoscopic versus open salvage radical prostatectomy following radiotherapy. Canadian Journal of Urology. 2016;23;2327143	12
7349	J. H. G.-H. Kim, R.Daskalaki, D.Rashdan, M.Masrur, M.Giulianotti, P. C., Totally replaced right hepatic artery in pancreaticoduodenectomy: is this anatomical condition a contraindication to minimally invasive surgery?. HPB. 2016;18;580-5	2
7350	M. S. S. Silay, A. F.Undre, S.Fiala, V.Tandogdu, Z.Garmanova, T.Guttilla, A.Sancaktutar, A. A.Haid, B.Waldert, M.Goyal, A.Serefoglu, E. C.Baldassarre, E.Manzoni, G.Radford, A.Subramaniam, R.Cherian, A.Hoebeke, P.Jacobs, M.Rocco, B.Yuriy, R.Zattoni, F.Kocvara, R.Koh, C. J., Global minimally invasive pyeloplasty study in children: Results from the Pediatric Urology Expert Group of the European Association of Urology Young Academic Urologists working party. Journal of pediatric urology. 2016;12;229.e1-7	13
7351	R. J. B. Cerfolio, K. M.Wei, B.Minnich, D. J., Incidence, Results, and Our Current Intraoperative Technique to Control Major Vascular Injuries During Minimally Invasive Robotic Thoracic Surgery. Annals of Thoracic Surgery. 2016;102;394-9	3
7352	C. W. K. Swenson, N. S.Harris, J. A.Uppal, S.Campbell, D. A., Jr.Morgan, D. M., Comparison of robotic and other minimally invasive routes of hysterectomy for benign indications. American Journal of Obstetrics & Gynecology. 2016;215;650.e1-650.e8	13
7353	V. T. N. Packiam, C. U.Cohen, A. J.Pearce, S. M.Shalhav, A. L.Eggener, S. E., The Impact of Perioperative Aspirin on Bleeding Complications Following Robotic Partial Nephrectomy. Journal of Endourology. 2016;30;997-1003	3
7354	J. J. L. Oh, J. K.Kim, K.Byun, S. S.Lee, S. E.Hong, S. K., Comparison of the Width of Peritumoral Surgical Margin in Open and Robotic Partial Nephrectomy: A Propensity Score Matched Analysis. PLoS ONE [Electronic Resource]. 2016;11;e0158027	13
7355	J. A. B. S. Cosin, M. A.Westgate, C. T.Fang, H., Complications of Robotic Gynecologic Surgery in the Severely Morbidly Obese. Annals of Surgical Oncology. 2016;23;4035-4041	3

7356	D. S. N. Dungy, N. A., Active Robotics for Total Hip Arthroplasty. American Journal of Orthopedics (Chatham, Nj). 2016;45;256-9	2
7357	A. H. Bijlani, A. E.Davitian, M.May, H.Speers, M.Leung, R.Mohamed, N. E.Sacks, H. S.Tewari, A., A Multidimensional Analysis of Prostate Surgery Costs in the United States: Robotic-Assisted versus Retropubic Radical Prostatectomy. Value in Health. 2016;19;391-403	4
7358	D. D. Herz, D.Ching, C.McLeod, D., Segmental arterial mapping during pediatric robot-assisted laparoscopic heminephrectomy: A descriptive series. Journal of pediatric urology. 2016;12;266.e1-6	3
7359	D. G. Ramirez, V.Nelson, R. J.Haber, G. P., Reducing Costs for Robotic Radical Prostatectomy: Three-instrument Technique. Urology. 2016;95;213-5	2
7360	Y. Z. Maddahi, K.Gan, L. S.Sutherland, C.Lama, S.Sutherland, G. R., Treatment of Glioma Using neuroArm Surgical System. BioMed Research International. 2016;2016;9734512	5
7361	R. K. H. Tsang, F. C., Transoral endoscopic nasopharyngectomy with a flexible next-generation robotic surgical system. Laryngoscope. 2016;126;2257-62	7
7362	A. S. M. Zaghloul, A. M., Preliminary results of robotic colorectal surgery at the National Cancer Institute, Cairo University. Journal of Egyptian National Cancer Institute. 2016;28;169-74	3
7363	K. H. Schmitz, C. E.Buse, S., First use of KORING to prevent parastomal hernia in robot-assisted ileal conduit formation. International Journal of Urology. 2016;23;710-1	5
7364	E. M. S. van der Steen-Banasik, GahjOosterveld, B. J.Janssen, T.Visser, A. G., The Curie-Da Vinci Connection: 5-Years' Experience With Laparoscopic (Robot-Assisted) Implantation for High-Dose-Rate Brachytherapy of Solitary T2 Bladder Tumors. International Journal of Radiation Oncology, Biology, Physics. 2016;95;1439-1442	2
7365	R. F. Geenens, N.Gijbels, A.Verhelle, S.Vinckier, S.Vander Sloten, J.Herijgers, P., Atherosclerosis Alters Loading-Induced Arterial Damage: Implications for Robotic Surgery. PLoS ONE [Electronic Resource]. 2016;11;e0156936	7
7366	R. J. C. Cerfolio, K. H.Wei, B.Minnich, D. J., Robotic lobectomy can be taught while maintaining quality patient outcomes. Journal of Thoracic & Cardiovascular Surgery. 2016;152;991-7	3
7367	T. R. Simoncini, E.Mannella, P.Giannini, A., Robotic-assisted apical lateral suspension for advanced pelvic organ prolapse: surgical technique and perioperative outcomes. Surgical Endoscopy. 2016;30;5647-5655	3
7368	A. K. M. Krause, H. G.McGonigle, K. F., Robotic-Assisted Gynecologic Surgery and Perioperative Morbidity in Elderly Women. Journal of Minimally Invasive Gynecology. 2016;23;949-53	3
7369	T. Y. Y. Sung, J. H.Han, M.Lee, Y. H.Lee, Y. M.Song, D. E.Chung, K. W.Kim, W. B.Shong, Y. K.Hong, S. J., Oncologic Safety of Robot Thyroid Surgery for Papillary Thyroid Carcinoma: A Comparative Study of Robot versus Open Thyroid Surgery Using Inverse Probability of Treatment Weighting. PLoS ONE [Electronic Resource]. 2016;11;e0157345	12
7370	M. J. R. Maurice, D.Kara, O.Malkoc, E.Nelson, R. J.Caputo, P. A.Kaouk, J. H., Omission of Hemostatic Agents During Robotic Partial Nephrectomy Does Not Increase Postoperative Bleeding Risk. Journal of Endourology. 2016;30;877-83	3

7371	N. E. Osbun, J. S.Lendvay, T. S., Robot-Assisted Laparoscopic Excision of Ureteral and Ureteropelvic Junction Fibroepithelial Polyps in Children. Journal of Endourology. 2016;30;896-900	3
7372	E. L. G. Barber, P. A.Clarke-Pearson, D. L., Venous Thromboembolism in Minimally Invasive Compared With Open Hysterectomy for Endometrial Cancer. Obstetrics & Gynecology. 2016;128;121-126	4
7373	R. M. Pilka, R.Adam, T.Kudela, M.Ondrova, D.Neubert, D.Hambalek, J.Maderka, M.Solichova, D.Krcmova, L. K.Melichar, B., Systemic Inflammatory Response After Open, Laparoscopic and Robotic Surgery in Endometrial Cancer Patients. Anticancer Research. 2016;36;2909-22	4
7374	R. M. C. Walsh, S., How I Do It: Hybrid Laparoscopic and Robotic Pancreaticoduodenectomy. Journal of Gastrointestinal Surgery. 2016;20;1650-7	5
7375	S. M. P. Eftaiha, A.Sulo, S.Park, J. J.Prasad, L. M.Marecik, S. J., Robot-Assisted Abdominoperineal Resection: Clinical, Pathologic, and Oncologic Outcomes. Diseases of the Colon & Rectum. 2016;59;607-14	3
7376	M. A. Sbaih, T. H.Motson, R. W., Rate of skill acquisition in the use of a robotic laparoscope holder (FreeHand(R)). Minimally Invasive Therapy & Allied Technologies: Mitat. 2016;25;196-202	3
7377	A. H. B. Freeman, A.Lyon, L.Littell, R. D.Garcia, C.Conell, C.Powell, C. B., Venous thromboembolism following minimally invasive surgery among women with endometrial cancer. Gynecologic Oncology. 2016;142;267-72	13
7378	R. S. D. Matulewicz, J. O.Manjunath, A.Tse, J.Kundu, S. D.Meeks, J. J., National comparison of oncologic quality indicators between open and robotic-assisted radical cystectomy. Urologic Oncology. 2016;34;431.e9-431.e15	13
7379	S. B. Nell, L.Ayav, A.Bonsing, B. A.Groot Koerkamp, B.Nieveen van Dijkum, E. J.Kazemier, G.de Kleine, R. H.Hagendoorn, J.Molenaar, I. Q.Valk, G. D.Dmsg,Borel Rinkes, I. H.Vriens, M. R., Robot-assisted spleen preserving pancreatic surgery in MEN1 patients. Journal of Surgical Oncology. 2016;114;456-61	12
7380	K. J. Tae, Y. B.Song, C. M.Sung, E. S.Chung, J. H.Lee, S. H.Park, H. J., Feasibility of robot-assisted modified radical neck dissection by post-auricular facelift approach. International Journal of Oral & Maxillofacial Surgery. 2016;45;1351-1357	3
7381	T. K. Takagi, T.Tachibana, H.Iizuka, J.Omae, K.Kobayashi, H.Yoshida, K.Hashimoto, Y.Tanabe, K., A propensity score-matched comparison of surgical precision obtained by using volumetric analysis between robot-assisted laparoscopic and open partial nephrectomy for T1 renal cell carcinoma: a retrospective non-randomized observational study of initial outcomes. International Urology & Nephrology. 2016;48;1585-91	13
7382	C. W. Neunaber, H.Westphal, R.Petri, M.Goesling, T.Hildebrand, F.Krettek, C.Haas, P., Repetitive reduction lead to significant elevated IL-6 and decreased IL-10 levels in femoral osteotomies: A quantitative analysis of a robot-assisted reduction process in a rat model. Injury. 2016;47;1669-75	7
7383	D. P. A. H. A. A. Nguyen, B.O'Malley, P.Khan, F.Lewicki, P. J.Golombos, D. M.Scherr, D. S., Factors Impacting the Occurrence of Local, Distant and Atypical Recurrences after Robot-Assisted Radical Cystectomy: A Detailed Analysis of 310 Patients. Journal of Urology. 2016;196;1390-1396	3
7384	A. G. Rencuzogullari, E.Costedio, M.Aytac, E.Kessler, H.Abbas, M. A.Remzi, F. H., Case-matched Comparison of Robotic Versus Laparoscopic Proctectomy for Inflammatory Bowel Disease. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2016;26;e37-40	12
7385	Y. T. B. van der Linden, H. J.van der Horst, S.van Grevenstein, W. M.van Hillegersberg, R.Ruurda, J. P., Robotic Single-Port Laparoscopic Cholecystectomy Is Safe but Faces Technical Challenges. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;857-861	3

7386	L. B. H. Landeen, E. M.Kapsch, T. M.Mallory, P. W., Vaginal cuff dehiscence: a randomized trial comparing robotic vaginal cuff closure methods. Journal of Robotic Surgery. 2016;10;337-341	2
7387	J. K. R. Makela-Kaikkonen, T. T.Koivurova, S.Paakko, E.Ohtonen, P.Biancari, F.Makela, J. T., Anatomical and functional changes to the pelvic floor after robotic versus laparoscopic ventral rectopexy: a randomised study. International Urogynecology Journal. 2016;27;1837-1845	12
7388	S. E. D. Wang, D.Masrur, M. A.Patton, K.Bianco, F. M.Giulianotti, P. C., Impact of Obesity on Robot-Assisted Distal Pancreatectomy. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;551-6	3
7389	F. R. Fanfani, S.Rossitto, C.Gueli Alletti, S.Costantini, B.Monterossi, G.Cappuccio, S.Perrone, E.Scambia, G., Total Laparoscopic (S-LPS) versus TELELAP ALF-X Robotic-Assisted Hysterectomy: A Case-Control Study. Journal of Minimally Invasive Gynecology. 2016;23;933-8	13
7390	L. Z. Minig, V.Cardenas-Rebollo, J. M.Colombo, N.Maggioni, A., Feasibility of robotic radical hysterectomy after neoadjuvant chemotherapy in women with locally advanced cervical cancer. European Journal of Surgical Oncology. 2016;42;1372-7	3
7391	J. L. M. Chan, D.Miller, J. G.Hunt, T.Horvath, K. A.Li, M., Robotic-assisted real-time MRI-guided TAVR: from system deployment to in vivo experiment in swine model. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1905-18	7
7392	M. F. J. Monn, K. R.Calaway, A. C.Mellon, M. J.Koch, M. O.Boris, R. S., Impact of Obesity on Wound Complications Following Radical Prostatectomy Is Mitigated by Robotic Technique. Journal of Endourology. 2016;30;890-5	4
7393	F. T. G. Kayhan, S.Koc, A. K.Yigider, A. P.Kaya, K. H., Management of Laryngoceles by Transoral Robotic Approach. Journal of Craniofacial Surgery. 2016;27;981-5	3
7394	R. K. Ahlawat, R.Gautam, G.Kumar, A., Robot-Assisted Simultaneous Bilateral Radical Inguinal Lymphadenectomy Along with Robotic Bilateral Pelvic Lymphadenectomy: A Feasibility Study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;845-849	3
7395	H. K. O. Su, U.Likhterov, I.Brant, J.Genden, E. M.Urken, M. L.Chai, R. L., Safety of transoral surgery for oropharyngeal malignancies: An analysis of the ACS NSQIP. Laryngoscope. 2016;126;2484-2491	2
7396	A. E. E. Feinberg, A.Bashir, S.Cleghorn, M. C.Quereshy, F. A., Comparison of robotic and laparoscopic colorectal resections with respect to 30-day perioperative morbidity. Canadian Journal of Surgery. 2016;59;262-7	12
7397	S. K. N. Lim, F. C.Yam, W. L.Rha, K. H., Modified transperitoneal ports configuration and docking technique for renal surgeries with the da Vinci Surgical System Xi. International Journal of Urology. 2016;23;801-2	8
7398	G. G. Dagnino, I.Kohler, P.Morad, S.Atkins, R.Dogramadzi, S., Navigation system for robot-assisted intra-articular lower-limb fracture surgery. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1831-43	2
7399	C. H. H. Kang, Y.Lee, H. J.Park, I. K.Kim, Y. T., Robotic Thymectomy in Anterior Mediastinal Mass: Propensity Score Matching Study With Transsternal Thymectomy. Annals of Thoracic Surgery. 2016;102;895-901	13
7400	H. L. A. Yeo, J. S.Mao, J.Cheerharan, M.Milsom, J.Sedrakyan, A., Minimally invasive surgery and sphincter preservation in rectal cancer. Journal of Surgical Research. 2016;202;299-307	4

7401	E. I. H. Ehieli, L. E.Monk, T. G.Ferrandino, M. N.Polascik, T. J.Walther, P. J.Freedland, S. J., Effect of positive end-expiratory pressure on blood loss during retropubic and robot-assisted laparoscopic radical prostatectomy. International Journal of Urology. 2016;23;674-8	4
7402	N. K. Gildener-Leapman, J.Abberbock, S.Choby, G. W.Mandal, R.Duvvuri, U.Ferris, R. L.Kim, S., Utility of up-front transoral robotic surgery in tailoring adjuvant therapy. Head & Neck. 2016;38;1201-7	3
7403	N. K. Napoli, E. F.Palmeri, M.Miccoli, M.Costa, F.Vistoli, F.Amorese, G.Boggi, U., The Learning Curve in Robotic Pancreaticoduodenectomy. Digestive Surgery. 2016;33;299-307	3
7404	W. W. J. Kim, J. H.Lee, J.Kang, J. G.Baek, J.Lee, W. K.Park, H. Y., Comparison of the Quality of Life for Thyroid Cancer Survivors Who Had Open Versus Robotic Thyroidectomy. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;618-24	12
7405	X. C. Tillou, S.Martin-Francois, S.Doerfler, A., Robotic Surgery Simulator: Elements to Build a Training Program. Journal of Surgical Education. 2016;73;870-8	2
7406	V. T. C. Packiam, A. J.Nottingham, C. U.Pariser, J. J.Faris, S. F.Bales, G. T., Open Vs Minimally Invasive Adult Ureteral Reimplantation: Analysis of 30-day Outcomes in the National Surgical Quality Improvement Program (NSQIP) Database. Urology. 2016;94;123-8	2
7407	B. E. W. Louie, J. L.Kim, S.Cerfolio, R. J.Park, B. J.Farivar, A. S.Vallieres, E.Aye, R. W.Burfeind, W. R., Jr.Block, M. I., Comparison of Video-Assisted Thoracoscopic Surgery and Robotic Approaches for Clinical Stage I and Stage II Non-Small Cell Lung Cancer Using The Society of Thoracic Surgeons Database. Annals of Thoracic Surgery. 2016;102;917-924	13
7408	R. Z. Schiavina, S.Chessa, F.Pultrone, C. V.Borghesi, M.Minervini, A.Cocci, A.Chindemi, A.Antonelli, A.Simeone, C.Pagliarulo, V.Parma, P.Samuelli, A.Celia, A.De Concilio, B.Rocco, B.De Lorenzis, E.La Manna, G.Terrone, C.Falsaperla, M.Dente, D.Porreca, A., Laparoscopic and robotic ureteral stenosis repair: a multi-institutional experience with a long-term follow-up. Journal of Robotic Surgery. 2016;10;323-330	12
7409	R. S. P. Croner, A.Hohenberger, W.Brunner, M., Robotic liver surgery for minor hepatic resections: a comparison with laparoscopic and open standard procedures. Langenbecks Archives of Surgery. 2016;401;707-14	12
7410	U. N. Boggi, N.Costa, F.Kauffmann, E. F.Menonna, F.Iacopi, S.Vistoli, F.Amorese, G., Robotic-Assisted Pancreatic Resections. World Journal of Surgery. 2016;40;2497-506	12
7411	M. L. Kim, C.Park, W. J.Suh, Y. S.Yang, H. K.Kim, H. J.Kim, S., A development of assistant surgical robot system based on surgical-operation-by-wire and hands-on-throttle-and-stick. Biomedical Engineering Online. 2016;15;58	2
7412	L. A. A. Bragayrac, D.Attwood, K.Darwiche, F.Hoffmeyer, J.Kauffman, E. C.Schwaab, T., Outcomes of Minimal Invasive vs Open Radical Nephrectomy for the Treatment of Locally Advanced Renal-Cell Carcinoma. Journal of Endourology. 2016;30;871-6	3
7413	B. W. T. Lamb, W. S.Eneje, P.Bruce, D.Jones, A.Ahmad, I.Sridhar, A.Baker, H.Briggs, T. P.Hines, J. E.Nathan, S.Martin, D.Stephens, R. C.Kelly, J. D., Benefits of robotic cystectomy with intracorporeal diversion for patients with low cardiorespiratory fitness: A prospective cohort study. Urologic Oncology. 2016;34;417.e17-23	3
7414	A. K. Sood, D. E.Abdollah, F.Sammon, J. D.Pucheril, D.Menon, M.Jeong, W.Peabody, J. O., Robot-assisted partial cystectomy with intraoperative frozen section examination: Evolution and evaluation of a novel technique. Investigative And Clinical Urology. 2016;57;221-8	3

7415	Y. W. Xu, H.Ji, W.Tang, M.Li, H.Leng, J.Meng, X.Dong, J., Robotic radical resection for hilar cholangiocarcinoma: perioperative and long-term outcomes of an initial series. Surgical Endoscopy. 2016;30;3060-70	12
7416	J. Z. Colvin, N.Berber, E., The utility of indocyanine green fluorescence imaging during robotic adrenalectomy. Journal of Surgical Oncology. 2016;114;153-6	3
7417	R. I. Kondo, Y.Panthee, N.Inui, A.Ashiba, H.Ando, T.Kobayashi, E.Sakuma, I.Ono, M., A New Suturing Device for Small Arteries. International Heart Journal. 2016;57;323-6	7
7418	Y. V. Quijano, E.Ielpo, B.Duran, H.Diaz, E.Fabra, I.Malave, L.Ferri, V.Ferronetti, A.Plaza, C.D'Andrea, V.Caruso, R., Full robot-assisted gastrectomy: surgical technique and preliminary experience from a single center. Journal of Robotic Surgery. 2016;10;297-306	3
7419	A. L. Malpani, C.Chen, C. C.Hager, G. D., System events: readily accessible features for surgical phase detection. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1201-9	2
7420	R. M. W. Bernstein, M. B., Robotic Follicular Unit Graft Selection. Dermatologic Surgery. 2016;42;710-4	2
7421	N. Y. H. Kim, D. W.Koh, J. C.Rha, K. H.Hong, J. H.Park, J. M.Kim, S. Y., Effect of Dexmedetomidine on Heart Rate-Corrected QT and Tpeak-Tend Intervals During Robot-Assisted Laparoscopic Prostatectomy With Steep Trendelenburg Position: A Prospective, Randomized, Double-Blinded, Controlled Study. Medicine. 2016;95;e3645	3
7422	E. A. S. Blake, J.Behbakht, K.Guntupalli, S. R.Guy, M. S., Factors Impacting Use of Robotic Surgery for Treatment of Endometrial Cancer in the United States. Annals of Surgical Oncology. 2016;23;3744-3748	12
7423	F. T. K. Kayhan, K. H.Koc, A. K.Yegin, Y.Yazici, Z. M.Turkeli, S.Sayin, I., Multilevel Combined Surgery With Transoral Robotic Surgery for Obstructive Sleep Apnea Syndrome. Journal of Craniofacial Surgery. 2016;27;1044-8	3
7424	G. C. Corrado, G.Mancini, E.Baiocco, E.Patrizi, L.Saltari, M.di Luca Sidozzi, A.Sperduti, I.Pomati, G.Vizza, E., Robotic single site versus robotic multiport hysterectomy in early endometrial cancer: a case control study. Journal of Gynecologic Oncology. 2016;27;e39	3
7425	K. A. O. Probst, C. H.Saar, M.Siemer, S.Stoeckle, M.Janssen, M., Robot-assisted vs open adrenalectomy: evaluation of cost-effectiveness and peri-operative outcome. BJU International. 2016;118;952-957	13
7426	L. G. Manley, L.Papa, N.Beharry, B. K.Johnson, L.Lawrentschuk, N.Bolton, D. M., Evaluation of pelvic floor muscle strength before and after robotic-assisted radical prostatectomy and early outcomes on urinary continence. Journal of Robotic Surgery. 2016;10;331-335	3
7427	J. D. R. Raman, C.Hannon, M., An increasing proportion of perinephric to subcutaneous fat is associated with adverse perioperative outcomes of robotic partial nephrectomy. Journal of Robotic Surgery. 2016;10;255-9	3
7428	S. S. Eckhardt, C.Maurer, E.Fendrich, V.Bartsch, D. K., Robotic-Assisted Approach Improves Vessel Preservation in Spleen-Preserving Distal Pancreatectomy. Digestive Surgery. 2016;33;406-13	12
7429	V. M. Zanagnolo, L.Cardenas-Rebollo, J. M.Achilarre, M. T.Garbi, A.Patrono, M. G.Colombo, N.Maggioni, A., Robotic Versus Open Radical Hysterectomy in Women With Locally Advanced Cervical Cancer After Neoadjuvant Chemotherapy: A Single-institution Experience of Surgical and Oncologic Outcomes. Journal of Minimally Invasive Gynecology. 2016;23;909-16	13

7430	A. P. L. Cole, J. J.Chang, S. L.Chung, B. I.Meyer, C. P.Kibel, A. S.Menon, M.Nguyen, P. L.Choueiri, T. K.Reznor, G.Lipsitz, S. R.Sammon, J. D.Sun, M.Trinh, Q. D., Surgeon and Hospital Level Variation in the Costs of Robot-Assisted Radical Prostatectomy. Journal of Urology. 2016;196;1090-5	4
7431	G. Z. Fan, Z.Zhang, H.Gu, X.Gu, G.Guan, X.Fan, Y.He, S., Global scientific production of robotic surgery in medicine: A 20-year survey of research activities. International Journal Of Surgery. 2016;30;126-31	5
7432	E. O. Gorgun, V.Costedio, M.Stocchi, L.Kalady, M.Remzi, F., Robotic versus conventional laparoscopic rectal cancer surgery in obese patients. Colorectal Disease. 2016;18;1063-1071	12
7433	J. G. R. Sham, M. K.Seo, Y. D.Pillarisetty, V. G.Yeung, R. S.Park, J. O., Efficacy and cost of robotic hepatectomy: is the robot cost-prohibitive?. Journal of Robotic Surgery. 2016;10;307-313	12
7434	R. H. B. Sobel, R.Ha, P. K.Califano, J. A.Kumar, R.Richmon, J. D., Implementation of a comprehensive competency-based transoral robotic surgery training curriculum with ex vivo dissection models. Head & Neck. 2016;38;1553-63	7
7435	M. Mangham, Positioning of the anaesthetised patient during robotically assisted laparoscopic surgery: perioperative staff experiences. Journal of Perioperative Practice. 2016;26;18295	3
7436	A. R. Gill, R., Robotic surgery and its impact on teamwork in the operating theatre. Journal of Perioperative Practice. 2016;26;15462	5
7437	D. Taylor, A reflection on the experiences of implementing gynaecology robotic surgery. Journal of Perioperative Practice. 2016;26;36-41	5
7438	A. D. Shademan, R. S.Opfermann, J. D.Leonard, S.Krieger, A.Kim, P. C., Supervised autonomous robotic soft tissue surgery. Science Translational Medicine. 2016;8;337ra64	5
7439	C. P. Furweger, P.Coskan, H.Heijmen, B. J., Characteristics and performance of the first commercial multileaf collimator for a robotic radiosurgery system. Medical Physics. 2016;43;2063	5
7440	L. B. Lieberman, R.Tapper, A.Kumar, R.Rogers, C., Robotic nephrectomy for central renal tumors with intraoperative evaluation of tumor histology. Journal of Robotic Surgery. 2016;10;261-5	3
7441	H. L. I. Yeo, A. J.Abelson, J. S.Milsom, J. W.Sedrakyan, A., Comparison of Open, Laparoscopic, and Robotic Colectomies Using a Large National Database: Outcomes and Trends Related to Surgery Center Volume. Diseases of the Colon & Rectum. 2016;59;535-42	12
7442	K. F. F. Lee, A. K.Chong, C. C.Cheung, S. Y.Wong, J.Lai, P. B., Robotic Liver Resection For Primary Hepatolithiasis: Is It Beneficial?. World Journal of Surgery. 2016;40;215647	12
7443	M. M. Tobias-Machado, A. I.Rubinstein, M.Costa, E. F.Hidaka, A. K., Robotic-assisted radical prostatectomy learning curve for experienced laparoscopic surgeons: does it really exist?. International Braz J Urol. 2016;42;30560	4
7444	S. U. O. Ozgen, B.Kilercik, M.Aksu, U.Ay, B.Tufek, I.Kural, A. R.Turkeri, L. N.Toraman, F., Ischemia modified albumin: does it change during pneumoperitoneum in robotic prostatectomies?. International Braz J Urol. 2016;42;69-77	3
7445	J. C. C. Hu, B.O'Malley, P.Halpern, J. A.Mao, J.Scherr, D. S.Hershman, D. L.Wright, J. D.Sedrakyan, A., Perioperative Outcomes, Health Care Costs, and Survival After Robotic-assisted Versus Open Radical Cystectomy: A National Comparative Effectiveness Study. European Urology. 2016;70;195-202	13

7446	Y. A. Z. Nyame, H.Ramirez, D.Ganesan, V.Babbar, P.Villers, A.Haber, G. P., Robotic-assisted Laparoscopic Bilateral Nerve Sparing and Apex Preserving Cystoprostatectomy in Young Men With Bladder Cancer. Urology. 2016;94;259-64	3
7447	J. C. Z. King, H. J., 3rdZureikat, A. H.Celebrezze, J.Holtzman, M. P.Stang, M. L.Tsung, A.Bartlett, D. L.Hogg, M. E., Safety in Numbers: Progressive Implementation of a Robotics Program in an Academic Surgical Oncology Practice. Surgical Innovation. 2016;23;407-14	2
7448	M. S. Nakauchi, K.Susumu, S.Kadoya, S.Inaba, K.Ishida, Y.Uyama, I., Comparison of the long-term outcomes of robotic radical gastrectomy for gastric cancer and conventional laparoscopic approach: a single institutional retrospective cohort study. Surgical Endoscopy. 2016;30;5444-5452	12
7449	V. R. Vasudevan, R.Wallace, H.Kaza, S., Clinical outcomes and cost-benefit analysis comparing laparoscopic and robotic colorectal surgeries. Surgical Endoscopy. 2016;30;5490-5493	12
7450	C. K. Borgfeldt, G.Asciutto, K. C.Lofgren, M.Hogberg, T., A population-based registry study evaluating surgery in newly diagnosed uterine cancer. Acta Obstetricia et Gynecologica Scandinavica. 2016;95;901-11	13
7451	A. T. Abdel Raheem, I. S.Kim, D. K.Kim, S. H.Won, P. D.Joon, P. S.Hyun, G. S.Rha, K. H., Robot-assisted Fallopian tube transection and anastomosis using the new REVO-I robotic surgical system: feasibility in a chronic porcine model. BJU International. 2016;118;604-9	7
7452	S. I. Jiang, S.Prunieres, G.Peterson, B.Facca, S.Xu, W. D.Liverneaux, P., Robot-assisted C7 nerve root transfer from the contralateral healthy side: A preliminary cadaver study. Hand Surgery and Rehabilitation. 2016;35;34943	7
7453	K. S. Kikuchi, K.Nakauchi, M.Shibasaki, S.Nakamura, K.Kajiwara, S.Goto, A.Inaba, K.Ishida, Y.Uyama, I., Delta-shaped anastomosis in totally robotic Billroth I gastrectomy: technical aspects and short-term outcomes. Asian Journal of Endoscopic Surgery. 2016;9;250-257	12
7454	K. E. H. Waite, M. A.Doyle, P. J., Comparison of robotic versus laparoscopic transabdominal preperitoneal (TAPP) inguinal hernia repair. Journal of Robotic Surgery. 2016;10;239-44	12
7455	P. E. D. Miller, H.Paluvoi, N.Bailey, M.Margolin, D.Shah, N.Vargas, H. D., Comparison of 30-Day Postoperative Outcomes after Laparoscopic vs Robotic Colectomy. Journal of the American College of Surgeons. 2016;223;369-73	12
7456	G. L. Vizzielli, A.Gallotta, V.Petrillo, M.Dessole, M.Fagotti, A.Costantini, B.Scambia, G.Chiantera, V., Robotic Total Mesometrial Resection versus Laparoscopic Total Mesometrial Resection in Early Cervical Cancer: A Case-Control Study. Journal of Minimally Invasive Gynecology. 2016;23;804-9	13
7457	C. T. S. Lewis, R. L.Horst, V. D.Angelillo, M.Tyndal, C. M., Application of an Epicardial Left Atrial Appendage Occlusion Device by a Robotic-Assisted, Right Chest Approach. Annals of Thoracic Surgery. 2016;101;e177-8	5
7458	W. C. Lam, M.Challacombe, B., If the robot is there, why not use it? Why we should use the robot for laparoscopic nephrectomy. BJU International. 2016;118;852-854	8
7459	J. U. R. Stolzenburg, B. P.Do, M.Dietel, A.Liatsikos, E.Ganzer, R.Qazi, H.Meneses, A. D.Kallidonis, P., Robot-assisted technique for Boari flap ureteric reimplantation: replicating the techniques of open surgery in robotics. BJU International. 2016;118;482-4	8
7460	V. A. Fulcoli, A.Costa, G.Laurini, L., Complications of the first 500 extra-peritoneal robot-assisted radical prostatectomy (EP-RARP) cases in an Italian medium volume centre. Urologia (Treviso). 2016;83;152-162	3

7461	A. A. Abdel Raheem, A.Kim, D. K.Sheikh, A.Alabdulaali, I.Han, W. K.Choi, Y. D.Rha, K. H., Outcomes of high-complexity renal tumours with a Preoperative Aspects and Dimensions Used for an Anatomical (PADUA) score of >=10 after robot-assisted partial nephrectomy with a median 46.5-month follow-up: a tertiary centre experience. BJU International. 2016;118;770-778	3
7462	G. J. Wang, Z.Zhao, J.Liu, J.Zhang, S.Zhao, K.Feng, X.Li, J., Assessing the safety and efficacy of full robotic gastrectomy with intracorporeal robot-sewn anastomosis for gastric cancer: A randomized clinical trial. Journal of Surgical Oncology. 2016;113;397-404	12
7463	S. W. A. Bell, I.Jones, B.MacLean, A.Rowe, P.Blyth, M., Improved Accuracy of Component Positioning with Robotic-Assisted Unicompartmental Knee Arthroplasty: Data from a Prospective, Randomized Controlled Study. Journal of Bone & Joint Surgery - American Volume. 2016;98;627-35	12
7464	B. C.-P. Diaz-Feijoo, A.Perez-Benavente, A.Franco-Camps, S.Sanchez-Iglesias, J. L.Cabrera, S.de la Torre, J.Centeno, C.Puig, O. P.Gil-Ibanez, B.Colas, E.Magrina, J.Gil-Moreno, A., Prospective Randomized Trial Comparing Transperitoneal Versus Extraperitoneal Laparoscopic Aortic Lymphadenectomy for Surgical Staging of Endometrial and Ovarian Cancer: The STELLA Trial. Annals of Surgical Oncology. 2016;23;2966-74	2
7465	R. F. Kojcev, B.Zettinig, O.Fotouhi, J.Lee, S. C.Frisch, B.Taylor, R.Sinibaldi, E.Navab, N., Dual-robot ultrasound-guided needle placement: closing the planning-imaging-action loop. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1173-81	2
7466	S. H. Philip, P.Mittal, V. K., Ureteric and Bladder Injuries with Laparoscopic and Robotic Surgery: A Community Teaching Hospital Experience. American Surgeon. 2016;82;E76-7	10
7467	H. R. Alemzadeh, J.Leveson, N.Kalbarczyk, Z.Iyer, R. K., Adverse Events in Robotic Surgery: A Retrospective Study of 14 Years of FDA Data. PLoS ONE [Electronic Resource]. 2016;11;e0151470	3
7468	E. A. Virgilio, P. M.Scorsi, A.Goglia, A.Macarone Palmieri, R., Advantages of the Maneuver of Intestinal Derotation for Pancreaticoduodenectomy. Journal of Investigative Surgery. 2016;29;359-365	12
7469	L. N. Mearini, E.Vianello, A.Di Biase, M.Porena, M., Margin and complication rates in clampless partial nephrectomy: a comparison of open, laparoscopic and robotic surgeries. Journal of Robotic Surgery. 2016;10;135-44	13
7470	A. M. K. Potretzke, E. H.Knight, B. A.Anderson, B. G.Park, A. M.Sherburne Figenshau, R.Bhayani, S. B., Patient comorbidity predicts hospital length of stay after robot-assisted prostatectomy. Journal of Robotic Surgery. 2016;10;151-6	3
7471	A. S. Bedirli, B.Yuksel, O., Robotic Versus Laparoscopic Resection for Mid and Low Rectal Cancers. Journal of the Society of Laparoendoscopic Surgeons. 2016;20;Jan-Mar	12
7472	J. I. G. Kass, L.Gooding, W.Choby, G.Kim, S.Miles, B.Teng, M.Sikora, A. G.Johnson, J. T.Myers, E. N.Duvvuri, U.Genden, E. M.Ferris, R. L., Oncologic outcomes of surgically treated early-stage oropharyngeal squamous cell carcinoma. Head & Neck. 2016;38;1467-71	2
7473	H. J. P. Brenkman, K.van Hillegersberg, R.Ruurda, J. P., Robot-Assisted Laparoscopic Hiatal Hernia Repair: Promising Anatomical and Functional Results. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;465-9	3
7474	L. B. Cardinali, G.Ghiselli, R.Ortenzi, M.Guerrieri, M., Robotic versus laparoscopic right colectomy for cancer: short-term outcomes and influence of Body Mass Index on conversion rate. Minerva Chirurgica. 2016;71;217-22	12

7475	D. S. S. Bae, B. J.Park, J. K.Koo do, H., Technical, Oncological, and Functional Safety of Bilateral Axillo-Breast Approach (BABA) Robotic Total Thyroidectomy. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2016;26;253-8	3
7476	L. S. H. Lee, H. K.Kang, C. M.Lee, W. J., Minimally Invasive Approach for Spleen-Preserving Distal Pancreatectomy: a Comparative Analysis of Postoperative Complication Between Splenic Vessel Conserving and Warshaw's Technique. Journal of Gastrointestinal Surgery. 2016;20;1464-70	3
7477	E. B. C. Mazomenos, P. L.Rippel, R. A.Rolls, A.Hawkes, D. J.Bicknell, C. D.Desjardins, A.Riga, C. V.Stoyanov, D., Catheter manipulation analysis for objective performance and technical skills assessment in transcatheter aortic valve implantation. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1121-31	2
7478	M. A. B. Vitrani, M.Reversat, D.Morel, G.Moreau-Gaudry, A.Mozer, P., Prostate biopsies assisted by comanipulated probe-holder: first in man. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1153-61	2
7479	R. K. Sangha, V.Palmer, M.Khangura, R. K., Recurrence after robotic myomectomy: is it associated with use of GnRH agonist?. Journal of Robotic Surgery. 2016;10;245-9	3
7480	J. J. W. Macke, R.Varich, L., Accuracy of robot-assisted pedicle screw placement for adolescent idiopathic scoliosis in the pediatric population. Journal of Robotic Surgery. 2016;10;145-50	2
7481	S. H. K. Paek, K. H.Kang, H.Park, S. J., Comparison of postoperative surgical stress following robotic thyroidectomy and open thyroidectomy: a prospective pilot study. Surgical Endoscopy. 2016;30;716394	12
7482	Y. C. Y. Ou, C. K.Chang, K. S.Wang, J.Hung, S. W.Tung, M. C.Tewari, A. K.Patel, V. R., Prevention and Management of Complications During Robotic-assisted Laparoscopic Radical Prostatectomy Following Comprehensive Planning: A Large Series Involving a Single Surgeon. Anticancer Research. 2016;36;33451	3
7483	S. P. Stepanian, M.Porter, J., Robot-assisted Laparoscopic Retroperitoneal Lymph Node Dissection for Testicular Cancer: Evolution of the Technique. European Urology. 2016;70;661-667	3
7484	J. H. Tiferes, A. A.Bisantz, A.Kozlowski, J. D.Sharif, M. A.Winder, N. M.Ahmad, N.Allers, J.Cavuoto, L.Guru, K. A., The Loud Surgeon Behind the Console: Understanding Team Activities During Robot-Assisted Surgery. Journal of Surgical Education. 2016;73;504-12	3
7485	L. S. Ekdahl, S.Falconer, H., Improving Double Docking for Robot-assisted Para-aortic Lymphadenectomy in Endometrial Cancer Staging: Technique and Surgical Outcomes. Journal of Minimally Invasive Gynecology. 2016;23;818-24	3
7486	F. J. Shakir, H.Kent, A., 3D straight-stick laparoscopy versus 3D robotics for task performance in novice surgeons: a randomised crossover trial. Surgical Endoscopy. 2016;30;5380-5387	1
7487	C. R. M. Christensen, T. K.Maatman, T. J.Tran, T. T., Examining clinical outcomes utilizing low-pressure pneumoperitoneum during robotic-assisted radical prostatectomy. Journal of Robotic Surgery. 2016;10;215-9	3
7488	T. H. S. Kim, H. H.Jeon, H. G.Seo, S. I.Jeon, S. S.Lee, H. M.Choi, H. Y.Jeong, B. C., Oncological Outcomes in Patients Treated with Radical Cystectomy for Bladder Cancer: Comparison Between Open, Laparoscopic, and Robot-Assisted Approaches. Journal of Endourology. 2016;30;783-91	13

7489	C. W. Y. Huang, Y. S.Su, W. C.Tsai, H. L.Choy, T. K.Huang, M. Y.Huang, C. M.Wu, I. C.Hu, H. M.Hsu, W. H.Su, Y. C.Wang, J. Y., Robotic surgery with high dissection and low ligation technique for consecutive patients with rectal cancer following preoperative concurrent chemoradiotherapy. International Journal of Colorectal Disease. 2016;31;1169-77	3
7490	M. G. J. Mueller, K. M.Mueller, E. R.Abernethy, M. G.Kenton, K. S., Outcomes in 450 Women After Minimally Invasive Abdominal Sacrocolpopexy for Pelvic Organ Prolapse. Female Pelvic Medicine & Reconstructive Surgery. 2016;22;267-71	13
7491	F. V. Feroci, A.Bianchi, P. P.Cantafio, S.Garzi, A.Formisano, G.Scatizzi, M., Total mesorectal excision for mid and low rectal cancer: Laparoscopic vs robotic surgery. World Journal of Gastroenterology. 2016;22;621918	12
7492	J. H. Teishima, M.Inoue, S.Hieda, K.Kobatake, K.Shinmei, S.Egi, H.Ohdan, H.Matsubara, A., Effect of Spatial Cognitive Ability on Gain in Robot-Assisted Surgical Skills of Urological Surgeons. Journal of Surgical Education. 2016;73;624-30	1
7493	S. B. Muller, A.Irgenfried, S.Worn, H., Hybrid Rendering Architecture for Realtime and Photorealistic Simulation of Robot-Assisted Surgery. Studies in Health Technology & Informatics. 2016;220;245-50	5
7494	S. A. Dargar, A. C.De, S., Development of a Soft Tissue Elastography Robotic Arm (STiERA). Studies in Health Technology & Informatics. 2016;220;77-83	2
7495	Y. Q. Chang, M.Wang, L.Yang, B.Chen, R.Zhu, F.Wang, H.Wang, Y.Lu, X.Ma, C.Shi, Z.Dong, Z.Chen, H.Xu, C.Sun, Y.Gao, X., Robotic-assisted Laparoscopic Radical Prostatectomy From a Single Chinese Center: A Learning Curve Analysis. Urology. 2016;93;104-11	1
7496	A. V. Bellia, S. G.Lagana, A. S.Cannone, F.Houvenaeghel, G.Rua, S.Ladaique, A.Jauffret, C.Ettore, G.Lambaudie, E., Feasibility and surgical outcomes of conventional and robot-assisted laparoscopy for early-stage ovarian cancer: a retrospective, multicenter analysis. Archives of Gynecology & Obstetrics. 2016;294;615-22	13
7497	A. M. K. Potretzke, B. A.Brockman, J. A.Vetter, J.Figenshau, R. S.Bhayani, S. B.Benway, B. M., The role of the assistant during robot-assisted partial nephrectomy: does experience matter?. Journal of Robotic Surgery. 2016;10;129-34	3
7498	R. R. Sanchez, O.Rosciano, J.Vegas, L.Bond, V.Rojas, A.Sanchez-Ismayel, A., Robotic surgery training: construct validity of Global Evaluative Assessment of Robotic Skills (GEARS). Journal of Robotic Surgery. 2016;10;227-31	5
7499	J. P. V. de Jesus, M.de Castro Araujo, R. O.Cesar, D.Linhares, E.Iglesias, A. C., The circumferential resection margins status: A comparison of robotic, laparoscopic and open total mesorectal excision for mid and low rectal cancer. European Journal of Surgical Oncology. 2016;42;808-12	12
7500	A. S. Gordon, D.Osann, K.Eichel, L.Dhaliwal, H.Morales, B.Ahlering, T., Quantification of Long-term Stability and Specific Relief of Lower Urinary Tract Symptoms (LUTS) After Robot-assisted Radical Prostatectomy. Urology. 2016;93;97-103	3
7501	X. A. Du, M.Dore, A.Ourselin, S.Hawkes, D.Kelly, J. D.Stoyanov, D., Combined 2D and 3D tracking of surgical instruments for minimally invasive and robotic-assisted surgery. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1109-19	3
7502	A. L. U. de Castro Abreu, O.Shoji, S.Leslie, S.Chopra, S.Marien, A.Matsugasumi, T.Dharmaraja, A.Wong, K.Zaba, N.Ma, Y.Desai, M. M.Gill, I. S., Robotic transmural ablation of bladder tumors using high-intensity focused ultrasound: Experimental study. International Journal of Urology. 2016;23;501-8	7

7503	M. S. B. Gundeti, W. R.Shah, A., Robot-assisted Laparoscopic Extravesical Ureteral Reimplantation: Technique Modifications Contribute to Optimized Outcomes. European Urology. 2016;70;818-823	3
7504	C. A. L. Galvani, H.Osuchukwu, O.Samame, J.Apel, M. E.Ghaderi, I., Robotic-Assisted Paraesophageal Hernia Repair: Initial Experience at a Single Institution. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;290-5	3
7505	A. K. C. Berger, S.Desai, M. M.Aron, M.Gill, I. S., Outpatient Robotic Radical Prostatectomy: Matched-Pair Comparison with Inpatient Surgery. Journal of Endourology. 2016;30 Suppl 1;S52-6	3
7506	G. K. Gandaglia, A.Novara, G.de Groote, R.Buchner, A.D'Hondt, F.Montorsi, F.Stief, C.Mottrie, A.Gratzke, C., Perioperative and oncologic outcomes of robot-assisted vs. open radical cystectomy in bladder cancer patients: A comparison of two high-volume referral centers. European Journal of Surgical Oncology. 2016;42;1736-1743	13
7507	E. C. T. Lai, C. N., Long-term Survival Analysis of Robotic Versus Conventional Laparoscopic Hepatectomy for Hepatocellular Carcinoma: A Comparative Study. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2016;26;162-6	12
7508	Z. W. Li, G.Zhang, G.Song, Z.Yi, B.Tan, J.Lin, H.Sun, X.Li, X.Zhu, S., Design of Virtual Fixtures for Robotic Cholecystectomy. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;356-60	5
7509	J. B. V. B. Finkelstein, J. P.Casale, P., Is outpatient robotic pyeloplasty feasible?. Journal of Robotic Surgery. 2016;10;233-7	3
7510	G. P. Herrera-Almario, M.Sarkaria, I.Strong, V. E., Initial report of near-infrared fluorescence imaging as an intraoperative adjunct for lymph node harvesting during robot-assisted laparoscopic gastrectomy. Journal of Surgical Oncology. 2016;113;768-70	3
7511	J. I. P. S. Willems, A. M.Shin, D. M.Bishop, A. T.Shin, A. Y., A Comparison of Robotically Assisted Microsurgery versus Manual Microsurgery in Challenging Situations. Plastic & Reconstructive Surgery. 2016;137;1317-1324	1
7512	N. Johnson, Imaging, Navigation, and Robotics in Spine Surgery. Spine. 2016;41 Suppl 7;S32	3
7513	S. P. De Luca, R.Sottile, A.Fiori, C.Scarpa, R. M.Porpiglia, F., [-2]proPSA versus ultrasensitive PSA fluctuations over time in the first year from radical prostatectomy, in an high-risk prostate cancer population: A first report. BMC Urology. 2016;16;14	2
7514	N. Y. T. Siddiqui, M. E.Geller, E. J.Advincula, A. P.Galloway, M. L.Green, I. C.Hur, H. C.Pitter, M. C.Burke, E. E.Martino, M. A., Establishing Benchmarks For Minimum Competence With Dry Lab Robotic Surgery Drills. Journal of Minimally Invasive Gynecology. 2016;23;633-8	5
7515	D. S. Zhang, M.Liu, C.Zhao, H., Discussion on robot-assisted laparoscopic cystectomy and Ileal neobladder surgery preoperative care. Pakistan Journal of Pharmaceutical Sciences. 2016;29;331-4	5
7516	K. S. Slama, D.Slipka, J.Fischer, S., Short-term postoperative distress associated with open vs. transoral robotic surgery (TORS) in patients with T1-T2 carcinomas of the tongue base and supraglottis. Biomedical Papers of the Medical Faculty of Palacky University in Olomouc, Czech Republic. 2016;160;423-8	13
7517	L. G. C. Luciani, S.Donner, D.Cai, T.Vattovani, V.Tiscione, D.Giusti, G.Proietti, S.Chierichetti, F.Malossini, G., Early impact of robot-assisted partial nephrectomy on renal function as assessed by renal scintigraphy. Journal of Robotic Surgery. 2016;10;123-8	3

7518	H. M. Miyake, A.Yao, A.Hinata, N.Fujisawa, M., Significance of erection hardness score as a diagnostic tool to assess erectile function recovery in Japanese men after robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2016;10;221-6	3
7519	J. S. J. Winder, R. M.Sasaki, J.Rogers, A. M.Pauli, E. M.Haluck, R. S.Estes, S. J.Lyn-Sue, J. R., Implementing a robotics curriculum at an academic general surgery training program: our initial experience. Journal of Robotic Surgery. 2016;10;209-13	5
7520	Q. F. Ballouhey, L.Longis, B.Vacquerie, V.Clermidi, P.Carcauzon Couvrat, V.Cros, J.Berenguer, D., What are the prospects for non-scheduled robotic procedures in pediatric surgery?. Journal of Robotic Surgery. 2016;10;117-21	5
7521	G. R. Wilensky, Robotic Surgery: An Example of When Newer Is Not Always Better but Clearly More Expensive. Milbank Quarterly. 2016;94;15858	5
7522	L. A. El Hachem, V.Mathews, S.Friedman, K.Poeran, J.Shieh, K.Geoghegan, M.Gretz, H. F., 3rd, Robotic Single-Site and Conventional Laparoscopic Surgery in Gynecology: Clinical Outcomes and Cost Analysis of a Matched Case-Control Study. Journal of Minimally Invasive Gynecology. 2016;23;760-8	13
7523	R. C. S. Moon, D.Royall, N. A.Teixeira, A. F.Jawad, M. A., Robot-Assisted Versus Laparoscopic Sleeve Gastrectomy: Learning Curve, Perioperative, and Short-Term Outcomes. Obesity Surgery. 2016;26;205846	12
7524	D. K. K. Kim, L. H.Raheem, A. A.Shin, T. Y.Alabdulaali, I.Yoon, Y. E.Han, W. K.Rha, K. H., Comparison of Trifecta and Pentafecta Outcomes between T1a and T1b Renal Masses following Robot-Assisted Partial Nephrectomy (RAPN) with Minimum One Year Follow Up: Can RAPN for T1b Renal Masses Be Feasible?. PLoS ONE [Electronic Resource]. 2016;11;e0151738	3
7525	B. S. Orsini, N.Pages, P. B.Baste, J. M.Dahan, M.Bernard, A.Thomas, P. A.Epithor project, Comparative study for surgical management of thymectomy for non-thymomatous myasthenia gravis from the French national database EPITHOR. European Journal of Cardio-Thoracic Surgery. 2016;50;418-22	2
7526	C. R. H. Mitchell, R. J.Webster, R. J., 3rdHerrell, S. D., Toward Improving Transurethral Prostate Surgery: Development and Initial Experiments with a Prototype Concentric Tube Robotic Platform. Journal of Endourology. 2016;30;692-6	7
7527	J. R. W. Lyn-Sue, J. S.Kotch, S.Colello, J.Docimo, S., Laparoscopic gastric bypass to robotic gastric bypass: time and cost commitment involved in training and transitioning an academic surgical practice. Journal of Robotic Surgery. 2016;10;111-5	12
7528	H. L. Su, G.Rucker, D. C.Webster Iii, R. J.Fischer, G. S., A Concentric Tube Continuum Robot with Piezoelectric Actuation for MRI-Guided Closed-Loop Targeting. Annals of Biomedical Engineering. 2016;44;2863-2873	2
7529	I. O. M. Sorokin, R. L.McCandless, B. K.Kaufman, R. P., Jr., Successful Outcomes in Robot-Assisted Laparoscopic Pyeloplasty Using a Unidirectional Barbed Suture. Journal of Endourology. 2016;30;660-4	3
7530	G. F. Tedesco, F. C.Leo, E.Derrico, P.Ritrovato, M., A comparative cost analysis of robotic-assisted surgery versus laparoscopic surgery and open surgery: the necessity of investing knowledgeably. Surgical Endoscopy. 2016;30;5044-5051	4
7531	E. S. J. Sung, Y. B.Song, C. M.Yun, B. R.Chung, W. S.Tae, K., Robotic Thyroidectomy: Comparison of a Postauricular Facelift Approach with a Gasless Unilateral Axillary Approach. Otolaryngology - Head & Neck Surgery. 2016;154;997-1004	3
7532	C. M. J. Song, Y. B.Sung, E. S.Kim, D. S.Koo, H. R.Tae, K., Comparison of Robotic versus Conventional Selective Neck Dissection and Total Thyroidectomy for Papillary Thyroid Carcinoma. Otolaryngology - Head & Neck Surgery. 2016;154;1005-13	12

7533	B. H. Mungo, C. M.Ho, J. S.Yang, S. C.Battafarano, R. J.Brock, M. V.Molena, D., Robotic Versus Thoracoscopic Resection for Lung Cancer: Early Results of a New Robotic Program. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;243-8	13
7534	A. A. Roman, K.Challacombe, B., Robotic partial nephrectomy - Evaluation of the impact of case mix on the procedural learning curve. International Journal Of Surgery. 2016;29;132-6	3
7535	P. A. Fontenot, Jr.Capoccia, T. R.Wilson, B.Arthur, A.Duchene, D. A., Robotic-assisted Laparoscopic Pyeloplasty: Analysis of Symptomatic Patients With Equivocal Renal Scans. Urology. 2016;93;33756	3
7536	M. A. Ostby-Deglum, K.Brennhovd, B.Dahl, A. A., Ability to Reach Orgasm in Patients With Prostate Cancer Treated With Robot-assisted Laparoscopic Prostatectomy. Urology. 2016;92;38-43	3
7537	J. A. Skoda, A.Garcia, F.Gerstenfeld, E.Marchlinski, F.Hindricks, G.Miller, J.Petru, J.Sediva, L.Sha, Q.Janotka, M.Chovanec, M.Waldauf, P.Neuzil, P.Reddy, V. Y., Catheter Ablation of Ischemic Ventricular Tachycardia With Remote Magnetic Navigation: STOP-VT Multicenter Trial. Journal of Cardiovascular Electrophysiology. 2016;27 Suppl 1;S29-37	2
7538	J. C. H. Allers, A. A.Ahmad, N.Cavuoto, L.Wing, J. F.Hayes, R. M.Hinata, N.Bisantz, A. M.Guru, K. A., Evaluation and Impact of Workflow Interruptions During Robot-assisted Surgery. Urology. 2016;92;12236	3
7539	B. S. Ezekian, Z.Adam, M. A.Kim, J.Turner, M. C.Gilmore, B. F.Ong, C. T.Mantyh, C. R.Migaly, J., Robotic-Assisted Versus Laparoscopic Colectomy Results in Increased Operative Time Without Improved Perioperative Outcomes. Journal of Gastrointestinal Surgery. 2016;20;1503-10	12
7540	A. B. Jacobsen, K. D.Iversen, P.Brasso, K.Roder, M. A., Anastomotic complications after robot-assisted laparoscopic and open radical prostatectomy. Scandinavian Journal of Urology. 2016;50;274-9	12
7541	Y. M. S. Kim, T.Kim, H. I.Noh, S. H.Hyung, W. J., Robotic D2 Lymph Node Dissection During Distal Subtotal Gastrectomy for Gastric Cancer: Toward Procedural Standardization. Annals of Surgical Oncology. 2016;23;186184	3
7542	C. L. A. Lopez, M. B.Bollmann, C.Manoharan, J.Waldmann, J.Fendrich, V.Bartsch, D. K., Minimally Invasive Versus Open Pancreatic Surgery in Patients with Multiple Endocrine Neoplasia Type 1. World Journal of Surgery. 2016;40;1729-36	2
7543	C. N. B. Kim, S. U.Lee, S. G.Yang, S. H.Hyun, I. G.Jang, J. H.Cho, B. S.Park, J. S., Clinical and oncologic outcomes of totally robotic total mesorectal excision for rectal cancer: initial results in a center for minimally invasive surgery. International Journal of Colorectal Disease. 2016;31;843-52	3
7544	E. v. B. Birch, S.Everaerts, W.Schubach, K.Bush, M.Krishnasamy, M.Moon, D. A.Goad, J.Lawrentschuk, N.Murphy, D. G., Developing and evaluating Robocare; an innovative, nurse-led robotic prostatectomy care pathway. European Journal of Oncology Nursing. 2016;21;120-5	3
7545	P. C. C. Lim, J. T.English, E. J.Farnam, R. W.Garza, D. M.Winter, M. L.Rozeboom, J. L., Multicenter analysis comparing robotic, open, laparoscopic, and vaginal hysterectomies performed by high-volume surgeons for benign indications. International Journal of Gynaecology & Obstetrics. 2016;133;359-64	13
7546	N. Z. Pavan, H.Sanchez-Salas, R.Castillo, O.Celia, A.Gallo, G.Sivaraman, A.Cathelineau, X.Autorino, R., Robot-assisted Versus Standard Laparoscopy for Simple Prostatectomy: Multicenter Comparative Outcomes. Urology. 2016;91;104-10	13

7547	F. O. Montorsi, M.Henneges, C.Brock, G.Salonia, A.d'Anzeo, G.Rossi, A.Mulhall, J. P.Buttner, H., Exploratory Decision-Tree Modeling of Data from the Randomized REACTT Trial of Tadalafil Versus Placebo to Predict Recovery of Erectile Function After Bilateral Nerve-Sparing Radical Prostatectomy. European Urology. 2016;70;529-37	2
7548	Y. H. K. Lee, Y. S.Chung, M. J.Yu, M.Jung, S. L.Yoo, I. R.Lee, Y. S.Kim, M. S.Sun, D. I.Kang, J. H., Soft Tissue Necrosis in Head and Neck Cancer Patients After Transoral Robotic Surgery or Wide Excision With Primary Closure Followed by Radiation Therapy. Medicine. 2016;95;e2852	3
7549	M. W. Anand, A. L.Fruth, K. M.Gebhart, J. B., Factors Influencing Selection of Vaginal, Open Abdominal, or Robotic Surgery to Treat Apical Vaginal Vault Prolapse. Female Pelvic Medicine & Reconstructive Surgery. 2016;22;236-42	2
7550	A. N. C. Sridhar, P. J.Yap, T.Hines, J.Nathan, S.Briggs, T. P.Kelly, J. D.Minhas, S., Recovery of Baseline Erectile Function in Men Following Radical Prostatectomy for High-Risk Prostate Cancer: A Prospective Analysis Using Validated Measures. Journal of Sexual Medicine. 2016;13;435-43	3
7551	S. S. St Louis, R.Lewis, C.Salamon, C.Pagnillo, J.Treff, N.Taylor, D.Culligan, P., Genetic Mutation that May Contribute to Failure of Prolapse Surgery in White Women: A Case-Control Study. Journal of Minimally Invasive Gynecology. 2016;23;726-30	3
7552	K. J. F. Lundstrom, Y.Loeb, S.Axelson, A. B.Stattin, P.Nordin, P., Small bowel obstruction and abdominal pain after robotic versus open radical prostatectomy. Scandinavian Journal of Urology. 2016;50;155-9	12
7553	D. T. F. Oberlin, A. S.Lai, J. D.Meeks, J. J., The effect of minimally invasive prostatectomy on practice patterns of American urologists. Urologic Oncology. 2016;34;255.e1-5	2
7554	B. N. Al Hussein Al Awamlh, D. P.Otto, B.O'Malley, P.Khan, F.Brooks, S.Scherr, D. S., The safety of robot-assisted cystectomy in patients with previous history of pelvic irradiation. BJU International. 2016;118;437-43	3
7555	T. C. F. Lairmore, J.Govednik, C. M.Snyder, S. K., Improving Minimally Invasive Adrenalectomy: Selection of Optimal Approach and Comparison of Outcomes. World Journal of Surgery. 2016;40;1625-31	13
7556	R. M. U. Newman, A.Bozzuto, B. J.Dilungo, J. L.Ellner, S., Surgical Value of Elective Minimally Invasive Gallbladder Removal: A Cost Analysis of Traditional 4-Port vs Single-Incision and Robotically Assisted Cholecystectomy. Journal of the American College of Surgeons. 2016;222;303-8	12
7557	G. M. Bianchi, E.Ghaith, A.Pirola, G. M.Rani, M.Bove, P.Porpiglia, F.Manferrari, F.Micali, S., Laparoscopic access overview: Is there a safest entry method?. Actas Urologicas Espanolas. 2016;40;386-92	2
7558	G. U. K. Roh, W. O.Rha, K. H.Lee, B. H.Jeong, H. W.Na, S., Prevalence and impact of incompetence of internal jugular valve on postoperative cognitive dysfunction in elderly patients undergoing robot-assisted laparoscopic radical prostatectomy. Archives of Gerontology & Geriatrics. 2016;64;167-71	3
7559	J. R. Makela-Kaikkonen, T.Paakko, E.Biancari, F.Ohtonen, P.Makela, J., Robot-assisted vs laparoscopic ventral rectopexy for external or internal rectal prolapse and enterocele: a randomized controlled trial. Colorectal Disease. 2016;18;1010-1015	12
7560	J. Q. Xu, X., Expert consensus on robotic surgery for colorectal cancer (2015 edition). Chinese Journal of Cancer. 2016;35;23	5
7561	R. G. McVey, M. G.Bernardini, M. Q.Yasufuku, K.Quereshy, F. A.Finelli, A.Pace, K. T.Lee, J. Y., Baseline Laparoscopic Skill May Predict Baseline Robotic Skill and Early Robotic Surgery Learning Curve. Journal of Endourology. 2016;30;588-92	5

7562	A. M. S. Jarc, S. H.Adebar, T.Hwang, E.Aron, M.Gill, I. S.Hung, A. J., Beyond 2D telestration: an evaluation of novel proctoring tools for robot-assisted minimally invasive surgery. Journal of Robotic Surgery. 2016;10;103-9	5
7563	R. G. De Groote, G.Geurts, N.Goossens, M.Pauwels, E.D'Hondt, F.Gratzke, C.Fossati, N.De Naeyer, G.Schatteman, P.Carpentier, P.Novara, G.Mottrie, A., Robot-Assisted Radical Cystectomy for Bladder Cancer in Octogenarians. Journal of Endourology. 2016;30;792-8	3
7564	T. P. L. Kingham, U.Kuk, D.Gonen, M.D'Angelica, M. I.Allen, P. J.DeMatteo, R. P.Laudone, V. P.Jarnagin, W. R.Fong, Y., Robotic Liver Resection: A Case-Matched Comparison. World Journal of Surgery. 2016;40;1422-8	12
7565	W. N. F. Raad, S.Follis, M.Friedmann, P.DeRose, J. J., The Impact of Robotic Versus Conventional Coronary Artery Bypass Grafting on In-Hospital Narcotic Use: A Propensity-Matched Analysis. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2016;11;112-5	13
7566	A. G. M. Eriksson, M.Beavis, A.Soslow, R. A.Zhou, Q.Abu-Rustum, N. R.Gardner, G. J.Zivanovic, O.Barakat, R. R.Brown, C. L.Levine, D. A.Sonoda, Y.Leitao, M. M., Jr.Jewell, E. L., Impact of Obesity on Sentinel Lymph Node Mapping in Patients with Newly Diagnosed Uterine Cancer Undergoing Robotic Surgery. Annals of Surgical Oncology. 2016;23;227395	3
7567	J. K. P. Kim, J. S.Han, D. H.Choi, G. H.Kim, K. S.Choi, J. S.Yoon, D. S., Robotic versus laparoscopic left lateral sectionectomy of liver. Surgical Endoscopy. 2016;30;4756-4764	12
7568	S. F. Bogliolo, S.Cassani, C.Musacchi, V.Zanellini, F.Dominoni, M.Spinillo, A.Gardella, B., Single-site Versus Multiport Robotic Hysterectomy in Benign Gynecologic Diseases: A Retrospective Evaluation of Surgical Outcomes and Cost Analysis. Journal of Minimally Invasive Gynecology. 2016;23;603-9	3
7569	J. B. Ponce, M.Pla, M. J.Rovira, J.Garcia-Tejedor, A.Gil-Ibanez, B.Gaspar, H. M.Sabria, E.Bartolome, C.Marti, L., Robotic Transperitoneal Infrarenal Para-Aortic Lymphadenectomy With Double Docking: Technique, Learning Curve, and Perioperative Outcomes. Journal of Minimally Invasive Gynecology. 2016;23;622-7	3
7570	P. P. A. Dangle, A.Odeleye, M.Avery, D.Lendvay, T.Koh, C. J.Elder, J. S.Noh, P. H.Bansal, D.Schulte, M.MacDonald, J.Shukla, A.Kim, C.Herbst, K.Corbett, S.Kearns, J.Kunnavakkam, R.Gundeti, M. S., Ninety-day perioperative complications of pediatric robotic urological surgery: A multi-institutional study. Journal of pediatric urology. 2016;12;102.e1-6	3
7571	G. M. Bogani, F.Dowdy, S. C.Cliby, W. A.Wilson, T. O.Gostout, B. S.Weaver, A. L.Borah, B. J.Killian, J. M.Bijlani, A.Angioni, S.Mariani, A., Incorporating robotic-assisted surgery for endometrial cancer staging: Analysis of morbidity and costs. Gynecologic Oncology. 2016;141;218-224	13
7572	K. S. Tae, C. M.Ji, Y. B.Sung, E. S.Jeong, J. H.Kim, D. S., Oncologic outcomes of robotic thyroidectomy: 5-year experience with propensity score matching. Surgical Endoscopy. 2016;30;4785-4792	12
7573	S. L. Yoo, C.Lee, C.You, D.Jeong, I. G.Kim, C. S., Comparison of renal functional outcomes in exactly matched pairs between robot-assisted partial nephrectomy using warm ischemia and open partial nephrectomy using cold ischemia using diethylene triamine penta-acetic acid renal scintigraphy. International Urology & Nephrology. 2016;48;687-93	13
7574	F. K. Abdollah, D. E.Sammon, J. D.Dalela, D.Sood, A.Hsu, L.Diaz, M.Gupta, N.Peabody, J. O.Trinh, Q. D.Menon, M., Predicting lymph node invasion in patients treated with robot-assisted radical prostatectomy. Canadian Journal of Urology. 2016;23;8141-50	3

7575	E. G. Martorana, A.Micali, S.Pirola, G. M.De Carne, C.Fidanza, F.Bianchi, G., A Retrospective Analysis of the Hemostatic Effect of FloSeal in Patients Undergoing Robot-Assisted Laparoscopic Radical Prostatectomy. Urologia Internationalis. 2016;96;274-9	3
7576	K. B. Jones, Jr., When and How to "Open" in Laparoscopic or Robotic Surgery. Obesity Surgery. 2016;26;891-5	5
7577	J. D. T. Wright, A. I.Hou, J. Y.Burke, W. M.Chen, L.Hu, J. C.Neugut, A. I.Ananth, C. V.Hershman, D. L., Effect of Regional Hospital Competition and Hospital Financial Status on the Use of Robotic-Assisted Surgery. JAMA Surgery. 2016;151;612-20	4
7578	H. M. Miyake, A.Furukawa, J.Hinata, N.Fujisawa, M., Prospective assessment of time-dependent changes in quality of life of Japanese patients with prostate cancer following robot-assisted radical prostatectomy. Journal of Robotic Surgery. 2016;10;201-7	3
7579	J. K. Riikonen, A.Petas, A.Horte, A.Koskimaki, J.Kahkonen, E.Bostrom, P. J.Paananen, I.Kuisma, J.Santti, H.Matikainen, M.Rannikko, A., Initiation of robot-assisted radical prostatectomies in Finland: Impact on centralization and quality of care. Scandinavian Journal of Urology. 2016;50;149-54	3
7580	D. K. F. Bowen, M. A.Liu, D. B.Gong, E. M.Lindgren, B. W.Johnson, E. K., Use of Pediatric Open, Laparoscopic and Robot-Assisted Laparoscopic Ureteral Reimplantation in the United States: 2000 to 2012. Journal of Urology. 2016;196;207-12	12
7581	M. A. B. Jackson, N.Siegrist, T.Haddock, P.Staff, I.Laudone, V.Wagner, J. R., Experienced Open vs Early Robotic-assisted Laparoscopic Radical Prostatectomy: A 10-year Prospective and Retrospective Comparison. Urology. 2016;91;111-8	12
7582	L. A. C. Dossett, N. B.Pow-Sang, J. M.Abbott, A. M.Sondak, V. K.Sarnaik, A. A.Zager, J. S., Robotic-Assisted Transperitoneal Pelvic Lymphadenectomy for Metastatic Melanoma: Early Outcomes Compared with Open Pelvic Lymphadenectomy. Journal of the American College of Surgeons. 2016;222;702-9	12
7583	S. K. Shim, T.Ji, D.Choi, H.Joung, S.Hong, J., An all-joint-control master device for single-port laparoscopic surgery robots. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1547-57	2
7584	B. C. Kianmajd, D.Soshi, M., A novel toolpath force prediction algorithm using CAM volumetric data for optimizing robotic arthroplasty. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1871-80	5
7585	K. J. Hutchison, J.Carter, D., Justice and Surgical Innovation: The Case of Robotic Prostatectomy. Bioethics. 2016;30;536-46	5
7586	D. J. F. Sher, M. J.Tishler, R. B.Stenson, K.al-Khudari, S., Cost-Effectiveness Analysis of Chemoradiation Therapy Versus Transoral Robotic Surgery for Human Papillomavirus-Associated, Clinical N2 Oropharyngeal Cancer. International Journal of Radiation Oncology, Biology, Physics. 2016;94;512-22	3
7587	I. M. Tufek, P.Argun, O. B.Obek, C.Keskin, M. S.Akpinar, H.Atug, F.Kural, A. R., Robot-Assisted Bladder Diverticulectomy with Concurrent Management of Bladder Outlet Obstruction. Urologia Internationalis. 2016;96;432-7	3
7588	O. A. Kara, H. S.Zargar, H.Akca, O.Maurice, M. J.Caputo, P. A.Ramirez, D.Malkoc, E.Modlin, C. S.Kaouk, J. H., Race effects on pathological and functional outcomes after robotic partial nephrectomy in a single academic tertiary care center. Journal of Robotic Surgery. 2016;10;44691	3
7589	S. M. P. Pearce, J. J.Karrison, T.Patel, S. G.Eggener, S. E., Comparison of Perioperative and Early Oncologic Outcomes between Open and Robotic Assisted Laparoscopic Prostatectomy in a Contemporary Population Based Cohort. Journal of Urology. 2016;196;76-81	12
7590	A. P. Franklin, N.Jones, C.Johans, C.Strom, K.Cummings, J., Is the robotic approach feasible for repair of iatrogenic injuries of the lower ureter?. World Journal of Urology. 2016;34;1323-8	3

7591	U. S. N. Y. Shin, Y.Nguyen, A. T.Bednarski, B. K.Messick, C.Maru, D. M.Dean, E. M.Nguyen, S. T.Hu, C. Y.Chang, G. J., Oncologic Outcomes of Extended Robotic Resection for Rectal Cancer. Annals of Surgical Oncology. 2016;23;2249-57	3
7592	A. P. Mark-Christensen, F. R.Norager, C. B.Jepsen, P.Laurberg, S.Tottrup, A., Short-term Outcome of Robot-assisted and Open IPAA: An Observational Single-center Study. Diseases of the Colon & Rectum. 2016;59;201-7	12
7593	K. C. Ener, A. E.Altinova, S.Atmaca, A. F.Alkan, E.Asil, E.Ozcan, M. F.Akbulut, Z.Balbay, M. D., Robotic partial nephrectomy for clinical stage T1 tumors: Experience in 42 cases. Kaohsiung Journal of Medical Sciences. 2016;32;16-21	3
7594	M. S. Kawaguchi, M.Ishikawa, N.Watanabe, G., Underwater robotic suturing. Minimally Invasive Therapy & Allied Technologies: Mitat. 2016;25;129-33	5
7595	S. A. Albisinni, F.Le Dinh, D.Limani, K.Hawaux, E.Peltier, A.van Velthoven, R., Adapting the robotic platform to small operating theaters: our experience with the side-docking technique for robotic-assisted laparoscopic prostatectomy. Surgical Endoscopy. 2016;30;936697	5
7596	A. R. W. Bhama, A. M.Ferraro, J.Collins, S. D.Mullard, A. J.Vandewarker, J. F.Krapohl, G.Byrn, J. C.Cleary, R. K., Comparison of Risk Factors for Unplanned Conversion from Laparoscopic and Robotic to Open Colorectal Surgery Using the Michigan Surgical Quality Collaborative (MSQC) Database. Journal of Gastrointestinal Surgery. 2016;20;1223-30	2
7597	R. J. W. Cerfolio, C.Minnich, D. J.Calloway, S.Wei, B., One Hundred Planned Robotic Segmentectomies: Early Results, Technical Details, and Preferred Port Placement. Annals of Thoracic Surgery. 2016;101;1089-95; Discussion 1095-6	3
7598	G. L. Johansen, C.Falconer, H.Persson, J., Reproductive and oncologic outcome following robot-assisted laparoscopic radical trachelectomy for early stage cervical cancer. Gynecologic Oncology. 2016;141;160-5	3
7599	E. Y. M. Joo, Y. J.Yoon, S. H.Chin, J. H.Hwang, J. H.Kim, Y. K., Comparison of Acute Kidney Injury After Robot-Assisted Laparoscopic Radical Prostatectomy Versus Retropubic Radical Prostatectomy: A Propensity Score Matching Analysis. Medicine. 2016;95;e2650	12
7600	Y. V. Quijano, E.Ielpo, B.Duran, H.Diaz, E.Fabra, I.Olivares, S.Ferri, V.Ortega, I.Malave, L.Ferronetti, A.Piccinni, G.Caruso, R., Robotic Liver Surgery: Early Experience From a Single Surgical Center. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2016;26;66-71	3
7601	J. D. B. Wright, W. M.Tergas, A. I.Hou, J. Y.Huang, Y.Hu, J. C.Hillyer, G. C.Ananth, C. V.Neugut, A. I.Hershman, D. L., Comparative Effectiveness of Minimally Invasive Hysterectomy for Endometrial Cancer. Journal of Clinical Oncology. 2016;34;1087-96	13
7602	J. N. Ahmed, M.Flashman, K.Khan, J.Parvaiz, A., Totally robotic rectal resection: an experience of the first 100 consecutive cases. International Journal of Colorectal Disease. 2016;31;869-76	3
7603	M. S. A. Salo, T.Anderberg, M., Pyeloplasty in children: perioperative results and long-term outcomes of robotic-assisted laparoscopic surgery compared to open surgery. Pediatric Surgery International. 2016;32;599-607	13
7604	A. H. A. Choi, A.Falor, A.Nelson, R. A.Lew, M.Chao, J.Lee, B.Kim, J., Assessment of the Double-Staple Technique for Esophagoenteric Anastomosis in Gastric Cancer. Journal of Gastrointestinal Surgery. 2016;20;688-92	2
7605	X. L. L. Li, Z. Y.Zhou, N.Zhu, T.Yang, Y. Z.Yao, Y. Q., Long-term results of robotic sacral hysteropexy for pelvic organ prolapse in China Single medical center. International Journal Of Surgery. 2016;27;128-132	3

7606	G. R. Siesto, F.Accardi, A.Bulletti, C.Ieda, N. P.Vitobello, D., Robotic Surgery in Patients With Locally Advanced Cervical Cancer After Neoadjuvant Chemotherapy: Survival Outcomes. International Journal of Gynecological Cancer. 2016;26;521-7	3
7607	V. M. Zanagnolo, L.Rollo, D.Tomaselli, T.Aletti, G.Bocciolone, L.Landoni, F.Cardenas Rebollo, J. M.Maggioni, A., Clinical and Oncologic Outcomes of Robotic Versus Abdominal Radical Hysterectomy for Women With Cervical Cancer: Experience at a Referral Cancer Center. International Journal of Gynecological Cancer. 2016;26;568-74	13
7608	G. P. S. Giambrone, M. C.Wu, X.Gaber-Baylis, L. K.Bhat, A. U.Zabih, R.Altorki, N. K.Fleischut, P. M.Stiles, B. M., Variability in length of stay after uncomplicated pulmonary lobectomy: is length of stay a quality metric or a patient metric?. European Journal of Cardio-Thoracic Surgery. 2016;49;e65-71	2
7609	H. M. Borgmann, R.Salem, J.Brundl, J.Kunath, F.Thomas, C.Haferkamp, A.Tsaur, I., Robotic Prostatectomy on the Web: A Cross-Sectional Qualitative Assessment. Clinical Genitourinary Cancer. 2016;14;e355-62	5
7610	A. F. B. Schmiegelow, M.Gogenur, I.Fode, M., Evaluation of Sexual and Urinary Function After Implementation of Robot-assisted Surgery for Rectal Cancer: A Single-Center Study. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2016;26;141-5	3
7611	O. A. R.-C. Castillo, A.Borgna, V., Robot-assisted partial nephrectomy in 95 consecutive patients: Oncological and functional outcomes at 3 years of follow-up. Actas Urologicas Espanolas. 2016;40;217-23	3
7612	R. C. D. Tolboom, W. A.Broeders, I. A., Evaluation of conventional laparoscopic versus robot-assisted laparoscopic redo hiatal hernia and antireflux surgery: a cohort study. Journal of Robotic Surgery. 2016;10;12298	12
7613	S. R. Ayloo, Y.Choudhury, N., Laparoscopic, hybrid, and totally robotic Roux-en-Y gastric bypass. Journal of Robotic Surgery. 2016;10;15158	12
7614	A. G. Arora, G.Sharma, S.Muthuswamy, K.Budge, J.Palazzo, F.Darzi, A.Tolley, N., Comparing transaxillary robotic thyroidectomy with conventional surgery in a UK population: A case control study. International Journal Of Surgery. 2016;27;110-117	12
7615	B. T. Lucereau, F.Lejay, A.Roussin, M.Georg, Y.Heim, F.Lee, J. T.Chakfe, N., Learning Curve of Robotic-Assisted Anastomosis: Shorter than the Laparoscopic Technique? An Educational Study. Annals of Vascular Surgery. 2016;33;39-44	4
7616	A. S. Hawasli, M.Meguid, A.Edhayan, E.Guiao, C.Szpunar, S., The impact of robotic cholecystectomy on private practice in a community teaching hospital. American Journal of Surgery. 2016;211;610-4	12
7617	W. S. Petz, G.Choi, G. S.Parvaiz, A.Santiago, C.Marecik, S.Giulianotti, P. C.Bianchi, P. P., Structured training and competence assessment in colorectal robotic surgery. Results of a consensus experts round table. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;634-641	8
7618	S. M. B. Khadem, S.Mirbagheri, A.Farahmand, F., A modular force-controlled robotic instrument for minimally invasive surgery - efficacy for being used in autonomous grasping against a variable pull force. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;620-633	2
7619	H. L. B. Hopf, C. D.Sundaram, C. P., Long-term Outcomes of Robot-assisted Laparoscopic Pyeloplasty for Ureteropelvic Junction Obstruction. Urology. 2016;90;106-10	3
7620	N. H. Ahmad, A. A.Cavuoto, L.Sharif, M.Allers, J. C.Hinata, N.Ahmad, B.Kozlowski, J. D.Hashmi, Z.Bisantz, A.Guru, K. A., Ambulatory movements, team dynamics and interactions during robot-assisted surgery. BJU International. 2016;118;132-9	3

7621	M. S. A. Keskin, O. B.Obek, C.Tufek, I.Tuna, M. B.Mourmouris, P.Erdogan, S.Kural, A. R., The incidence and sequela of lymphocele formation after robot-assisted extended pelvic lymph node dissection. BJU International. 2016;118;127-31	3
7622	J. J. C. Leow, S. L.Trinh, Q. D., Accurately determining patients who underwent robot-assisted surgery: limitations of administrative databases. BJU International. 2016;118;346-8	8
7623	C. T. S. Shen, Y. C., Therapeutic substitutions in the midst of new technology diffusion: The case of treatment for localized prostate cancer. Social Science & Medicine. 2016;151;110-20	2
7624	A. F. Dello Russo, G.Conti, S.Casella, M.Di Monaco, A.Russo, E.Riva, S.Moltrasio, M.Tundo, F.De Martino, G.Gallinghouse, G. J.Di Biase, L.Natale, A.Tondo, C., Analysis of catheter contact force during atrial fibrillation ablation using the robotic navigation system: results from a randomized study. Journal of Interventional Cardiac Electrophysiology. 2016;46;97-103	2
7625	H. Y. Iwamoto, T.Yamaguchi, N.Masago, T.Morizane, S.Honda, M.Sejima, T.Takenaka, A., Robot-assisted radical cystectomy is a promising alternative to open surgery in the Japanese population with a high rate of octogenarians. International Journal of Clinical Oncology. 2016;21;756-763	13
7626	R. A. Kimmig, B.Buderath, P.Rusch, P.Heubner, M., Intraoperative navigation in robotically assisted compartmental surgery of uterine cancer by visualisation of embryologically derived lymphatic networks with indocyanine-green (ICG). Journal of Surgical Oncology. 2016;113;554-9	3
7627	F. Z. Dal Moro, F., Lighting from the urethral cystoscope side: A novel technique to safely manage bowel division during intracorporeal robotic urinary diversion. International Journal of Urology. 2016;23;344-5	8
7628	Y. F. Yamada, T.Fukuhara, H.Miyagawa, J.Miyazaki, H.Nakagawa, T.Kume, H.Homma, Y., Measuring Contact Pressure of Lower Extremities in Patients Undergoing Robot-Assisted Radical Prostatectomy. Urologia Internationalis. 2016;96;268-73	3
7629	C. D. S. Bahler, C. P.Kella, N.Lucas, S. M.Boger, M. A.Gardner, T. A.Koch, M. O., A Parallel Randomized Clinical Trial Examining the Return of Urinary Continence after Robot-Assisted Radical Prostatectomy with or without a Small Intestinal Submucosa Bladder Neck Sling. Journal of Urology. 2016;196;179-84	3
7630	J. H. Schiffmann, A.Lenz, J.Heinzer, H.Salomon, G.Steuber, T.Beyer, B.Boehm, K.Tilki, D.Michl, U.Tennstedt, P.Huland, H.Graefen, M.Karakiewicz, P. I., Differences in Patient Characteristics Among Men Choosing Open or Robot-Assisted Radical Prostatectomy in Contemporary Practice at a European High-Volume Center. Urologia Internationalis. 2016;97;44788	12
7631	K. P. Yang, M.Perrenot, C.Hubert, N.Felblinger, J.Hubert, J., A new system for evaluation of armrest use in robotic surgery and validation of a new ergonomic concept - armrest load. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;604-612	2
7632	M. B. B. Schiavone, M. S.Gardner, G. J.Zivanovic, O.Jewell, E. L.Sonoda, Y.Barakat, R. R.Chi, D. S.Abu-Rustum, N. R.Leitao, M. M., Jr., Herniation formation in women undergoing robotically assisted laparoscopy or laparotomy for endometrial cancer. Gynecologic Oncology. 2016;140;383-6	3
7633	D. E. C.-L. Cohn, K.Huffman, L.Salani, R.Fowler, J. M.Copeland, L. J.O'Malley, D. M.Backes, F. J.Eisenhauer, E. L.Abdel-Rasoul, M.Puente, E. G.Bergese, S. D., A Prospective, Comparative Study for the Evaluation of Postoperative Pain and Quality of Recovery in Patients Undergoing Robotic Versus Open Hysterectomy for Staging of Endometrial Cancer. Journal of Minimally Invasive Gynecology. 2016;23;429-34	13

7634	U. Z. Alkan, O.Rabinovics, N.Nachalon, Y.Feinmesser, R.Bachar, G., The cause of brachial plexopathy in robot-assisted transaxillary thyroidectomy-A neurophysiological investigation. Laryngoscope. 2016;126;2187-93	3
7635	G. H. v. d. B. KleinJan, N. S.de Jong, J.Wit, E. M.Thygessen, H.Vegt, E.van der Poel, H. G.van Leeuwen, F. W., Multimodal hybrid imaging agents for sentinel node mapping as a means to (re)connect nuclear medicine to advances made in robot-assisted surgery. European Journal of Nuclear Medicine & Molecular Imaging. 2016;43;1278-87	3
7636	C. C. M. Jensen, R. D., Value of robotic colorectal surgery. British Journal of Surgery. 2016;103;44898	8
7637	A. D. M. Coratti, M.Coratti, F.Baldoni, G.Guerra, F.Amore Bonapasta, S.Bencini, L.Farsi, M.Annecchiarico, M., Initial Experience With Robotic Pancreatic Surgery: Technical Feasibility and Oncological Implications. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2016;26;44773	3
7638	B. C. h. Pommier, C.Beauvieux, V.Nuti, C.Vassal, F.Peyron, R., Robot-guided neuronavigated rTMS as an alternative therapy for central (neuropathic) pain: Clinical experience and long-term follow-up. European Journal of Pain. 2016;20;907-16	2
7639	P. P. Rinieri, C.Salaun, M.Mahieu, J.Bubenheim, M.Baste, J. M., Perioperative outcomes of video- and robot-assisted segmentectomies. Asian Cardiovascular and Thoracic Annals. 2016;24;145-51	13
7640	J. F. Bjorklund, Y.Cole, A.Carlsson, S.Robinson, D.Loeb, S.Stattin, P.Akre, O., Postoperative mortality 90 days after robot-assisted laparoscopic prostatectomy and retropubic radical prostatectomy: a nationwide population-based study. BJU International. 2016;118;302-6	3
7641	B. B. Friedman, G. I.Glied, S. A.Steiner, C. A., Hospital Revisits Within 30 Days After Conventional and Robotically Assisted Hysterectomy. Medical Care. 2016;54;311-8	13
7642	E. H. Kubat, N.Nguyen, H.Wren, S. M.Eisenberg, D., Urgent and Elective Robotic Single-Site Cholecystectomy: Analysis and Learning Curve of 150 Consecutive Cases. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;185-91	3
7643	V. K. Mouraviev, M.Schommer, E.Thiel, D. D.Samavedi, S.Kumar, A.Leveillee, R. J.Thomas, R.Pow-Sang, J. M.Su, L. M.Mui, E.Smith, R.Patel, V., Urology residents experience comparable workload profiles when performing live porcine nephrectomies and robotic surgery virtual reality training modules. Journal of Robotic Surgery. 2016;10;49-56	7
7644	S. H. Bier, J.Rausch, S.Aufderklamm, S.Martzog, J. C.Stenzl, A.Schwentner, C.Todenhofer, T., Return to Work and Normal Daily Life Activity after Open and Robot-Assisted Radical Prostatectomy--A Single Surgeon Analysis. Urologia Internationalis. 2016;96;280-6	12
7645	C. G. A. Rossitto, S.Romano, F.Fiore, A.Coretti, S.Oradei, M.Ruggeri, M.Cicchetti, A.Marchetti, M.Fanfani, F.Scambia, G., Use of robot-specific resources and operating room times: the case of Telelap Alf-X robotic hysterectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;613-619	5
7646	A. M. B. Arlen, K. M.Travers, C.Smith, E. A.Elmore, J. M.Kirsch, A. J., Outcomes of complex robot-assisted extravesical ureteral reimplantation in the pediatric population. Journal of pediatric urology. 2016;12;169.e1-6	12

7647	M. M. N. Leitao, W. R.Boccamazzo, D.Sioulas, V.Cassella, D.Ducie, J. A.Eriksson, A. G.Sonoda, Y.Chi, D. S.Brown, C. L.Levine, D. A.Jewell, E. L.Zivanovic, O.Barakat, R. R.Abu-Rustum, N. R.Gardner, G. J., Impact of Robotic Platforms on Surgical Approach and Costs in the Management of Morbidly Obese Patients with Newly Diagnosed Uterine Cancer. Annals of Surgical Oncology. 2016;23;106866	13
7648	P. J. V. Paley, D. S.Press, J. Z.Isacson, C.Pizer, E.Shah, C., A prospective investigation of fluorescence imaging to detect sentinel lymph nodes at robotic-assisted endometrial cancer staging. American Journal of Obstetrics & Gynecology. 2016;215;117.e1-7	3
7649	F. M. Porpiglia, A.Bertolo, R.Antonelli, A.Bianchi, G.Fidanza, F.Fiori, C.Furlan, M.Morgia, G.Novara, G.Rocco, B.Rovereto, B.Serni, S.Simeone, C.Carini, M.Minervini, A., Partial Nephrectomy in Clinical T1b Renal Tumors: Multicenter Comparative Study of Open, Laparoscopic and Robot-assisted Approach (the RECORd Project). Urology. 2016;89;45-51	13
7650	L. M.-M. Lowenstein, S.Gartman, I.Gruenwald, I., The effect of pelvic organ prolapse repair on vaginal sensation. International Urogynecology Journal. 2016;27;915-8	2
7651	V. K. R. Pepper, T. M.Diefenbach, K. A.Raval, M. V.Teich, S.Michalsky, M. P., Robotic vs. Laparoscopic Sleeve Gastrectomy in Adolescents; Reality or Hype. Obesity Surgery. 2016;26;4566	12
7652	C. H. S. Tan, T.von Deimling, C.Martetschlager, F.Minzlaff, P.Feucht, M. J.Martinez, H.Braun, S.Imhoff, A. B.Burgkart, R., Effect of three remplissage techniques on tendon coverage and shoulder kinematics: a navigated robotic biomechanical study. BMC Musculoskeletal Disorders. 2016;17;1	7
7653	F. P. Ferrara, R.Scheiterle, M.Di Mare, G.Gnoni, P.Marrelli, D.Roviello, F., Laparoscopy Versus Robotic Surgery for Colorectal Cancer: A Single-Center Initial Experience. Surgical Innovation. 2016;23;374-80	12
7654	H. S. Z. Andrade, H.Caputo, P. A.Akca, O.Kara, O.Ramirez, D.Haber, G. P.Stein, R. J.Kaouk, J. H., Five-year Oncologic Outcomes After Transperitoneal Robotic Partial Nephrectomy for Renal Cell Carcinoma. European Urology. 2016;69;1149-54	3
7655	A. M. Sood, P.Dahm, P.Ahlawat, R.Jeong, W.Bhandari, M.Menon, M., Ontogeny of a surgical technique: Robotic kidney transplantation with regional hypothermia. International Journal Of Surgery. 2016;25;158-61	2
7656	M. D. M. Aggravi, E.DiMeco, F.Cardinale, F.Casaceli, G.Riva, M.Ferrigno, G.Prattichizzo, D., Hand-tool-tissue interaction forces in neurosurgery for haptic rendering. Medical & Biological Engineering & Computing. 2016;54;1229-41	2
7657	J. E. R. Escobar Dominguez, M. G.Seetharamaiah, R.Donkor, C.Rabaza, J.Gonzalez, A., Feasibility of robotic inguinal hernia repair, a single-institution experience. Surgical Endoscopy. 2016;30;782564	3
7658	L. S. Lin, Y.Tan, A.Bogari, M.Zhu, M.Xin, Y.Xu, H.Zhang, Y.Xie, L.Chai, G., Mandibular angle split osteotomy based on a novel augmented reality navigation using specialized robot-assisted arms--A feasibility study. Journal of Cranio-Maxillo-Facial Surgery. 2016;44;215-23	3
7659	P. E. B. Colombo, M. M.Alline, M.Boulay, E.Mourregot, A.Carrere, S.Quenet, F.Jarlier, M.Rouanet, P., Robotic Versus Laparoscopic Total Mesorectal Excision (TME) for Sphincter-Saving Surgery: Is There Any Difference in the Transanal TME Rectal Approach? : A Single-Center Series of 120 Consecutive Patients. Annals of Surgical Oncology. 2016;23;1594-600	12

7660	L. S. H. Krane, M. G.Peyton, C.Rague, J. T.Hemal, A. K., Association of Urine Dipstick Proteinuria and Postoperative Renal Function Following Robotic Partial Nephrectomy. Journal of Endourology. 2016;30;532-6	3
7661	C. C. L. Wang, S. A.Wu, S. H.Lin, W. J.Jiang, R. S.Wang, L., Transoral robotic surgery for early glottic carcinoma involving anterior commissure: Preliminary reports. Head & Neck. 2016;38;913-8	3
7662	C. L. Nezhat, N., Learning Experiences in Robotic-Assisted Laparoscopic Surgery. Best Practice & Research in Clinical Obstetrics & Gynaecology. 2016;35;44824	5
7663	B. L. Wang, H.Ma, X.Zhang, X.Gu, L.Li, X.Fan, Y.Gao, Y.Liu, K.Zhu, J., Robot-assisted Laparoscopic Inferior Vena Cava Thrombectomy: Different Sides Require Different Techniques. European Urology. 2016;69;1112-9	3
7664	M. W. S. Patton, D. A.Tyson, M. D., 2ndAndrews, P. E.Ferrigni, E. N.Nateras, R. N.Castle, E. P., Robot-assisted partial nephrectomy for complex renal masses. Journal of Robotic Surgery. 2016;10;27-31	13
7665	D. S. M. Keller, N.Flores-Gonzalez, J. R.Ibarra, S.Tahilramani, R.Haas, E. M., Effect of BMI on Short-Term Outcomes with Robotic-Assisted Laparoscopic Surgery: a Case-Matched Study. Journal of Gastrointestinal Surgery. 2016;20;488-93	3
7666	C. H. Meyer, J.Becker, A.Schmid, M.Pradel, L.Strini, K.Chromecki, T.Jesche-Chromecki, J.Fisch, M.Zigeuner, R.Chun, F. K., The Adoption of Nephron-Sparing Surgery in Europe - A Trend Analysis in Two Referral Centers from Austria and Germany. Urologia Internationalis. 2016;96;330-6	2
7667	D. C. Hughes, C.O'Hara, J.Adshead, J., Health resource use after robot-assisted surgery vs open and conventional laparoscopic techniques in oncology: analysis of English secondary care data for radical prostatectomy and partial nephrectomy. BJU International. 2016;117;940-7	12
7668	T. D. L. Martin, T.Ferraro, J.Chagin, K.Lampman, R. M.Emery, K. L.Zurkan, J. E.Boyd, J. L.Montgomery, K.Lang, R. E.Vandewarker, J. F.Cleary, R. K., Newly implemented enhanced recovery pathway positively impacts hospital length of stay. Surgical Endoscopy. 2016;30;4019-28	2
7669	L. P. Morelli, A.Palmeri, M.Guadagni, S.Mariniello, M. D.Di Franco, G.Cela, V.Brundu, B.Salerno, M. G.Di Candio, G.Mosca, F., Robot-assisted surgery for the radical treatment of deep infiltrating endometriosis with colorectal involvement: short- and mid-term surgical and functional outcomes. International Journal of Colorectal Disease. 2016;31;643-52	3
7670	C. C. H. Crisp, C. V.Pauls, R. N.Westermann, L. B.Kleeman, S. D., Critical Anatomy Relative to the Sacral Suture: A Postoperative Imaging Study After Robotic Sacrocolpopexy. Female Pelvic Medicine & Reconstructive Surgery. 2016;22;12206	3
7671	E. S. Prendergast, H.Johnson, L. L.Simon, M.Feinglass, J.Kielb, S.Hairston, J.Lewicky-Gaupp, C., Anatomic Outcomes of Robotic Assisted Supracervical Hysterectomy and Concurrent Sacrocolpopexy at a Tertiary Care Institution at Initial Adaptation of the Procedure. Female Pelvic Medicine & Reconstructive Surgery. 2016;22;29-32	3
7672	D. W. Moola, L. B.Pauls, R.Eschenbacher, M.Crisp, C., The Impact of Robotic-Assisted Surgery on Training Gynecology Residents. Female Pelvic Medicine & Reconstructive Surgery. 2016;22;44870	5
7673	C. A. N. Velasquez, N. V.Alsaied, A.Balakrishnan, S.Abinahed, J.Al-Ansari, A. A.Jong Yoon, W., Preliminary design of an actuated imaging probe for generation of additional visual cues in a robotic surgery. Surgical Endoscopy. 2016;30;270859	5

7674	R. F. A.-G. Sanchez-Ortiz, C.Lopez-Huertas, H.Cadillo-Chavez, R.Soto-Aviles, O., Preoperative International Prostate Symptom Score Predictive of Inguinal Hernia in Patients Undergoing Robotic Prostatectomy. Journal of Urology. 2016;195;1744-7	3
7675	Y. P. Shi, C.Shen, B.Deng, X.Jin, J.Wu, Z.Zhan, Q.Li, H., Pancreatic enucleation using the da Vinci robotic surgical system: a report of 26 cases. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;751-757	12
7676	K. P. Catchpole, C.Bresee, C.Solnik, M. J.Sherman, B.Fritch, J.Gross, B.Jagannathan, S.Hakami-Majd, N.Avenido, R.Anger, J. T., Safety, efficiency and learning curves in robotic surgery: a human factors analysis. Surgical Endoscopy. 2016;30;3749-61	5
7677	M. L. Gustafson, T.Kimball, R.Daoud, I., A comparison of robotic single-incision and traditional single-incision laparoscopic cholecystectomy. Surgical Endoscopy. 2016;30;2276-80	12
7678	A. C. Arora, K.Garas, G.Amlani, A.Darzi, A.Kotecha, B.Tolley, N. S., Outcome of TORS to tongue base and epiglottis in patients with OSA intolerant of conventional treatment. Sleep & Breathing. 2016;20;739-47	3
7679	M. H. L. Kamel, N.Cox, M.Eltahawy, E. A.Davis, R., Post-Chemotherapy Robotic Retroperitoneal Lymph Node Dissection: Institutional Experience. Journal of Endourology. 2016;30;510-9	3
7680	R. K. M. Funk, E. J.Garcia, J. J.Harmsen, W. S.Stoddard, D. G.Vencio, E. F.Foote, R. L.Price, K. A.Ma, D. J., Risk factors for locoregional relapse after transoral robotic surgery for human papillomavirus-related oropharyngeal squamous cell carcinoma. Head & Neck. 2016;38 Suppl 1;E1674-9	3
7681	K. F. S. McGinley, X.Howard, L. E.Aronson, W. J.Terris, M. K.Kane, C. J.Amling, C. L.Cooperberg, M. R.Freedland, S. J., Utilization and impact of surgical technique on the performance of pelvic lymph node dissection at radical prostatectomy: Results from the Shared Equal Access Regional Cancer Hospital database. International Journal of Urology. 2016;23;241-6	2
7682	G. B. Smoljkic, G.Devreker, A.Poorten, E. V.Rosa, B.De Praetere, H.De Schutter, J.Reynaerts, D.Sloten, J. V., Control of a hybrid robotic system for computer-assisted interventions in dynamic environments. International Journal of Computer Assisted Radiology & Surgery. 2016;11;1371-83	2
7683	R. F. Rocha, R. K.Buogo, G.Rubistein, M.Mattos, R. M.Frota, R.Coelho, R. F.Palmer, K.Patel, V., Robotic-assisted laparoscopic prostatectomy (RALP): a new way to training. Journal of Robotic Surgery. 2016;10;19-25	3
7684	S. H. Buse, C. E.Klumpen, P.Alexandrov, A.Mager, R.Mottrie, A.Haferkamp, A., Cost-effectiveness of robot-assisted partial nephrectomy for the prevention of perioperative complications. World Journal of Urology. 2016;34;1131-7	5
7685	J. H. H. Lee, D. H.Jang, D. S.Choi, G. H.Choi, J. S., Robotic extrahepatic Glissonean pedicle approach for anatomic liver resection in the right liver: techniques and perioperative outcomes. Surgical Endoscopy. 2016;30;724125	2
7686	S. P. Xu, M.Perrenot, C.Hubert, N.Hubert, J., Face, content, construct, and concurrent validity of a novel robotic surgery patient-side simulator: the Xperience TM Team Trainer. Surgical Endoscopy. 2016;30;3334-44	5
7687	A. C. Ahmad, J. D.Ahmad, Z. F.Agarwala, A., Laparoscopic versus robotic-assisted Roux-en-Y gastric bypass: a retrospective, single-center study of early perioperative outcomes at a community hospital. Surgical Endoscopy. 2016;30;691193	12

7688	O. A. Kara, O.Zargar, H.Andrade, H. S.Maurice, M. J.Ramirez, D.Caputo, P.Haber, G. P.Kaouk, J. H.Stein, R. J., Robotic Partial Nephrectomy in the Treatment of Renal Angiomyolipoma. Journal of Endourology. 2016;30;275-9	3
7689	L. C. J. Barchi, C. E.Franciss, M. Y.Kappaz, G. T.Rodrigues Filho, E. D.Zilberstein, B., Robotic digestive tract reconstruction after total gastrectomy for gastric cancer: a simple way to do it. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;598-603	3
7690	M. M. C. Bertrand, P. E.Mourregot, A.Traore, D.Carrere, S.Quenet, F.Rouanet, P., Standardized single docking, four arms and fully robotic proctectomy for rectal cancer: the key points are the ports and arms placement. Journal of Robotic Surgery. 2016;10;171-4	5
7691	K. F. Fujiwara, T.Kitano, H.Fujii, T.Koyama, S.Yamasaki, A.Kataoka, H.Takeuchi, H., Preliminary study of transoral robotic surgery for pharyngeal cancer in Japan. Journal of Robotic Surgery. 2016;10;44872	3
7692	G. M. J. Grimsby, M. A.Menon, V.Schlomer, B. J.Gargollo, P. C., Perioperative and Short-Term Outcomes of Robotic vs Open Bladder Neck Procedures for Neurogenic Incontinence. Journal of Urology. 2016;195;1088-92	12
7693	A. Z. Lopez, D. V.Mach, K. E.Bui, D.Liu, J. J.Rouse, R. V.Harris, T.Leppert, J. T.Liao, J. C., Intraoperative Optical Biopsy during Robotic Assisted Radical Prostatectomy Using Confocal Endomicroscopy. Journal of Urology. 2016;195;1110-1117	3
7694	M. H. Chand, R. J.Parvaiz, A., Robotic total mesorectal excision - precision surgery with even more precise tools. Journal of the Royal Society of Medicine. 2016;109;28734	5
7695	R. S. Abaza, A.Castle, E.Allaf, M.Hu, J. C.Rogers, C.Menon, M.Aron, M.Sundaram, C. P.Eun, D., Multi-Institutional Experience with Robotic Nephrectomy with Inferior Vena Cava Tumor Thrombectomy. Journal of Urology. 2016;195;865-71	3
7696	S. R. Gueli Alletti, C.Cianci, S.Restaino, S.Costantini, B.Fanfani, F.Fagotti, A.Cosentino, F.Scambia, G., Telelap ALF-X vs Standard Laparoscopy for the Treatment of Early-Stage Endometrial Cancer: A Single-Institution Retrospective Cohort Study. Journal of Minimally Invasive Gynecology. 2016;23;378-83	2
7697	K. B. Oktay, G.Pacheco, F.Turan, V.Emirdar, V., First pregnancies, live birth, and in vitro fertilization outcomes after transplantation of frozen-banked ovarian tissue with a human extracellular matrix scaffold using robot-assisted minimally invasive surgery. American Journal of Obstetrics & Gynecology. 2016;214;94.e1-9	3
7698	G. S. Leyvi, C. B.Sehgal, S.Greenberg, M. A.Snyder, M.Forest, S.Mais, A.Wang, N.DeLeo, P.DeRose, J. J., Jr., Comparison of Index Hospitalization Costs Between Robotic CABG and Conventional CABG: Implications for Hybrid Coronary Revascularization. Journal of Cardiothoracic & Vascular Anesthesia. 2016;30;44903	13
7699	M. K. B. Powers, A.Pinsky, M.Dorsey, P.Maddox, M.Su, L. M.Gettman, M.Sundaram, C. P.Castle, E. P.Lee, J. Y.Lee, B. R., Crowdsourcing Assessment of Surgeon Dissection of Renal Artery and Vein During Robotic Partial Nephrectomy: A Novel Approach for Quantitative Assessment of Surgical Performance. Journal of Endourology. 2016;30;447-52	8
7700	G. D. Janda, A.Yang, H.Nielsen, M.Smith, A.Pruthi, R. S.Wallen, E.Woods, M.Raynor, M., Single-Institution Experience with Robotic Partial Nephrectomy for Renal Masses Greater Than 4 cm. Journal of Endourology. 2016;30;384-9	3
7701	S. D. Atallah, A.Larach, S. W., Towards the development of simultaneous two-field robotic surgery. Techniques in Coloproctology. 2016;20;25993	5
7702	A. G. Tanaka, C.Simpson, K.Perez, M.Truong, M.Smith, R., Robotic surgery simulation validity and usability comparative analysis. Surgical Endoscopy. 2016;30;664987	5

7703	E. C. L. Kauffman, M. J.Alarcon, S. V.Lee, S.Hoang, A. N.Walton Diaz, A.Chelluri, R.Vourganti, S.Trepel, J. B.Pinto, P. A., Lack of Impact of Robotic Assisted Laparoscopic Radical Prostatectomy on Intraoperative Levels of Prostate Cancer Circulating Tumor Cells. Journal of Urology. 2016;195;1136-42	3
7704	C. D. Gratzke, Z.Novara, G.Geurts, N.De Groote, R.Schatteman, P.de Naeyer, G.Gandaglia, G.Mottrie, A., Early Catheter Removal after Robot-assisted Radical Prostatectomy: Surgical Technique and Outcomes for the Aalst Technique (ECaRemA Study). European Urology. 2016;69;917-23	3
7705	Y. O. Hirasawa, Y.Nakashima, J.Shimodaira, K.Hashimoto, T.Gondo, T.Ohori, M.Tachibana, M.Yoshioka, K., Impact of a preoperatively estimated prostate volume using transrectal ultrasonography on surgical and oncological outcomes in a single surgeon's experience with robot-assisted radical prostatectomy. Surgical Endoscopy. 2016;30;658381	3
7706	S. F. P. Herling, C.Moller, A. M.Thomsen, T.Sorensen, J., Cost-analysis of robotic-assisted laparoscopic hysterectomy versus total abdominal hysterectomy for women with endometrial cancer and atypical complex hyperplasia. Acta Obstetricia et Gynecologica Scandinavica. 2016;95;299-308	4
7707	W. L. E. Ong, S. M.Spelman, T.Kearns, P. A.Murphy, D. G.Millar, J. L., Comparison of oncological and health-related quality of life outcomes between open and robot-assisted radical prostatectomy for localised prostate cancer - findings from the population-based Victorian Prostate Cancer Registry. BJU International. 2016;118;563-9	12
7708	P. V. Capogrosso, E.Serino, A.Stabile, A.Boeri, L.Gandaglia, G.Deho, F.Briganti, A.Montorsi, F.Salonia, A., Orgasmic Dysfunction After Robot-assisted Versus Open Radical Prostatectomy. European Urology. 2016;70;223-6	12
7709	J. T. B. Huntington, L. A.Pepper, V. K.Diefenbach, K. A.Dotson, J. L.Nwomeh, B. C., Minimally Invasive Ileal Pouch-Anal Anastomosis with Rectal Eversion Allows for Equivalent Outcomes in Continence in Pediatric Patients. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2016;26;222-5	3
7710	G. F. Meccariello, F.AlGhamdi, S.Montevecchi, F.Firinu, E.Zanotti, C.Cavaliere, D.Gunelli, R.Taurchini, M.Amadori, A.Vicini, C., An experimental study about haptic feedback in robotic surgery: may visual feedback substitute tactile feedback?. Journal of Robotic Surgery. 2016;10;57-61	5
7711	K. V. Aubry, S.de Mones, E.Moriniere, S.Choussy, O.Malard, O.Dolivet, G.Lallemant, B.Ceruse, P., Morbidity and mortality revue of the French group of transoral robotic surgery: a multicentric study. Journal of Robotic Surgery. 2016;10;23193	3
7712	C. C. L. Wang, S. A.Wu, S. H.Wang, C. P.Liang, K. L.Jiang, R. S.Lin, J. C., Transoral robotic surgery for early T classification hypopharyngeal cancer. Head & Neck. 2016;38;857-62	5
7713	T. M. P. Bauman, A. M.Vetter, J. M.Bhayani, S. B.Figenshau, R. S., Cerebrovascular Disease and Chronic Obstructive Pulmonary Disease Increase Risk of Complications with Robotic Partial Nephrectomy. Journal of Endourology. 2016;30;293-9	3
7714	P. D. Allemann, C.Di Mare, L.Hubner, M.Demartines, N.Hahnloser, D., Robotic-Assisted Surgery Improves the Quality of Total Mesorectal Excision for Rectal Cancer Compared to Laparoscopy: Results of a Case-Controlled Analysis. World Journal of Surgery. 2016;40;1010-6	12
7715	E. D. B. Rozeboom, B. A.de Vries, E. S.Dekker, E.Fockens, P. A.Broeders, I. A., Robotic-assisted flexible colonoscopy: preliminary safety and efficiency in humans. Gastrointestinal Endoscopy. 2016;83;1267-71	2
7716	A. A. H. Hussein, Z.Dibaj, S.Altartir, T.Fiorica, T.Wing, J.Durrani, M.Binkowski, J.Boateng, L.Wilding, G.Guru, K. A., Reoperations following Robot-Assisted Radical Cystectomy: A Decade of Experience. Journal of Urology. 2016;195;1368-1376	3

7717	F. T. Closon, T., Uterine myomata: Organ-preserving surgery. Best Practice & Research in Clinical Obstetrics & Gynaecology. 2016;35;44742	2
7718	S. F. M. Herling, A. M.Palle, C.Thomsen, T., Health-related quality of life after robotic-assisted laparoscopic hysterectomy for women with endometrial cancer--A prospective cohort study. Gynecologic Oncology. 2016;140;107-13	3
7719	N. S. Okumura, T.Kim, Y. M.Kim, H. I.An, J. Y.Noh, S. H.Hyung, W. J., Robotic gastrectomy for elderly gastric cancer patients: comparisons with robotic gastrectomy in younger patients and laparoscopic gastrectomy in the elderly. Gastric Cancer. 2016;19;1125-1134	12
7720	A. M. Gonzalez, C. H.Romero, R.Escobar, E.Garcia, P.Walker, G.Gallas, M.Dickens, E.McIntosh, B.Norwood, W.Kim, K.Rabaza, J.Parris, D., A multicenter study of initial experience with single-incision robotic cholecystectomies (SIRC) demonstrating a high success rate in 465 cases. Surgical Endoscopy. 2016;30;2951-60	3
7721	J. N. J. Harr, Y. Y.Luka, S.Agarwal, S.Brody, F.Obias, V., Incisional and port-site hernias following robotic colorectal surgery. Surgical Endoscopy. 2016;30;586489	3
7722	M. E. G. Spector, T. A.Hoff, P. T., Addressing the Retrolingual Space in Obstructive Sleep Apnea: Outcomes Stratified by Friedman Stage in Patients Undergoing Transoral Robotic Surgery. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties. 2016;78;44569	3
7723	B. B. M. Lorincz, N.Busch, C. J.Hezel, M.Knecht, R., Automatic periodic stimulation of the vagus nerve during single-incision transaxillary robotic thyroidectomy: Feasibility, safety, and first cases. Head & Neck. 2016;38;482-5	3
7724	D. H. C. Han, S. H.Park, E. J.Kang, D. R.Choi, G. H.Choi, J. S., Surgical outcomes after laparoscopic or robotic liver resection in hepatocellular carcinoma: a propensity-score matched analysis with conventional open liver resection. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;735-742	4
7725	S. S. E. Talab, A.Sarma, J.Barrisford, G. W.Tabatabaei, S., Safety and Effectiveness of SAF-R, a Novel Patient Positioning Device for Robot-Assisted Pelvic Surgery in Trendelenburg Position. Journal of Endourology. 2016;30;286-92	3
7726	H. K. K. d. Byeon, H.Chang, J. W.Ban, M. J.Park, J. H.Kim, W. S.Choi, E. C.Koh, Y. W., Comprehensive application of robotic retroauricular thyroidectomy: The evolution of robotic thyroidectomy. Laryngoscope. 2016;126;19176	3
7727	N. G. Kow, H. B.Ridgeway, B., Uterine Conservation During Prolapse Repair: 9-Year Experience at a Single Institution. Female Pelvic Medicine & Reconstructive Surgery. 2016;22;126-31	13
7728	S. G. L. Lee, J.Kim, M. J.Choi, J. B.Kim, T. H.Ban, E. J.Lee, C. R.Kang, S. W.Jeong, J. J.Nam, K. H.Jo, Y. S.Chung, W. Y., Long-term oncologic outcome of robotic versus open total thyroidectomy in PTC: a case-matched retrospective study. Surgical Endoscopy. 2016;30;575137	12
7729	C. R. G. Wottawa, B.Nowroozi, B. N.Hart, S. D.Bisley, J. W.Grundfest, W. S.Dutson, E. P., Evaluating tactile feedback in robotic surgery for potential clinical application using an animal model. Surgical Endoscopy. 2016;30;3198-209	7
7730	J. L. Paek, M.Kim, B. W.Kwon, Y., Robotic or laparoscopic sacrohysteropexy versus open sacrohysteropexy for uterus preservation in pelvic organ prolapse. International Urogynecology Journal. 2016;27;593-9	13
7731	B. P. Peyronnet, B.De La Taille, A.Bruyere, F.Doumerc, N.Droupy, S.Vaessen, C.Baumert, H.Bernhard, J. C.Roupret, M.Mejean, A.Bensalah, K., Postoperative drainage does not prevent complications after robotic partial nephrectomy. World Journal of Urology. 2016;34;933-8	3

7732	M. M. Tokunaga, R.Miki, Y.Tanizawa, Y.Bando, E.Kawamura, T.Terashima, M., Late phase II study of robot-assisted gastrectomy with nodal dissection for clinical stage I gastric cancer. Surgical Endoscopy. 2016;30;534168	3
7733	F. C. Holsinger, A flexible, single-arm robotic surgical system for transoral resection of the tonsil and lateral pharyngeal wall: Next-generation robotic head and neck surgery. Laryngoscope. 2016;126;864-9	7
7734	U. E. Kannan, B. L.Choudhury, R.Dempsey, D. T.Williams, N. N.Dumon, K. R., Laparoscopic hand-assisted versus robotic-assisted laparoscopic sleeve gastrectomy: experience of 103 consecutive cases. Surgery for Obesity & Related Diseases. 2016;12;34578	12
7735	T. M. Fujimura, M.Fukuhara, H.Kume, H.Suzuki, M.Yamada, Y.Niimi, A.Nakagawa, T.Igawa, Y.Homma, Y., Validation of an educational program balancing surgeon training and surgical quality control during robot-assisted radical prostatectomy. International Journal of Urology. 2016;23;160-6	3
7736	A. P. Pietrabissa, L.Vinci, A.Peri, A.Tinozzi, F. P.Cavazzi, E.Pellegrino, E.Klersy, C., Short-term outcomes of single-site robotic cholecystectomy versus four-port laparoscopic cholecystectomy: a prospective, randomized, double-blind trial. Surgical Endoscopy. 2016;30;3089-97	12
7737	G. S. A. Lee, A.Dy, B. M.McKenzie, T. J.Thompson, G. B.Richards, M. L., Robotic single-site adrenalectomy. Surgical Endoscopy. 2016;30;530120	3
7738	M. S. Y. Altieri, J.Telem, D. A.Chen, H.Talamini, M.Pryor, A., Robotic-assisted outcomes are not tied to surgeon volume and experience. Surgical Endoscopy. 2016;30;2825-33	3
7739	Z. H. Moghadamyeghaneh, M. H.Carmichael, J. C.Pigazzi, A.Stamos, M. J.Mills, S., Comparison of open, laparoscopic, and robotic approaches for total abdominal colectomy. Surgical Endoscopy. 2016;30;326011	12
7740	H. S. Z. Andrade, H.Akca, O.Caputo, P. A.Ramirez, D.Kara, O.Stein, R. J.Chueh, S. C.Kaouk, J. H., Is Extensive Parenchymal Resection During Robotic Partial Nephrectomy Justified? A Match-Paired Comparison of Two Extirpative Surgical Modalities for Treatment of a Complex Renal Neoplasm. Journal of Endourology. 2016;30;379-83	13
7741	P. A. Mourmouris, O. B.Tufek, I.Obek, C.Skolarikos, A.Tuna, M. B.Keskin, S.Kural, A. R., Nonprosthetic Direct Inguinal Hernia Repair During Robotic Radical Prostatectomy. Journal of Endourology. 2016;30;218-22	3
7742	J. C. L. Kim, J. L.Yoon, Y. S.Alotaibi, A. M.Kim, J., Utility of indocyanine-green fluorescent imaging during robot-assisted sphincter-saving surgery on rectal cancer patients. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;710-717	3
7743	K. F. Eibl-Lindner, C.Nentwich, M.Foerster, P.Wowra, B.Schaller, U.Muacevic, A., Robotic radiosurgery for the treatment of medium and large uveal melanoma. Melanoma Research. 2016;26;18810	3
7744	T. K. Yamaguchi, Y.Shiomi, A.Tomioka, H.Kagawa, H.Yamakawa, Y., Robotic-assisted vs. conventional laparoscopic surgery for rectal cancer: short-term outcomes at a single center. Surgery Today. 2016;46;957-62	12
7745	P. R. Gilling, R.Kahokehr, A.Fraundorfer, M., Aquablation - image-guided robot-assisted waterjet ablation of the prostate: initial clinical experience. BJU International. 2016;117;923-9	3
7746	M. S. O. Morgan, A.Friedlander, J. I.Shakir, N.Antonelli, J. A.Bedir, S.Roehrborn, C. G.Cadeddu, J. A., An Assessment of Patient Comfort and Morbidity After Robot-Assisted Radical Prostatectomy with Suprapubic Tube Versus Urethral Catheter Drainage. Journal of Endourology. 2016;30;300-5	3

7747	R. M. v. t. H. Smeenk, G.Elsten, E.Feskens, P. G., The Results of 100 Robotic Versus 100 Laparoscopic Gastric Bypass Procedures: a Single High Volume Centre Experience. Obesity Surgery. 2016;26;1266-73	12
7748	J. M. Furukawa, H.Hinata, N.Muramaki, M.Tanaka, K.Fujisawa, M., Renal Functional and Perioperative Outcomes of Selective Versus Complete Renal Arterial Clamping During Robot-Assisted Partial Nephrectomy: Early Single-Center Experience With 39 Cases. Surgical Innovation. 2016;23;242-8	3
7749	J. L. Paek, J. D.Kong, T. W.Chang, S. J.Ryu, H. S., Robotic single-site versus laparo-endoscopic single-site surgery for adnexal tumours: a propensity score-matching analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;694-700	13
7750	O. S. Alimoglu, J.Atak, I.Kilic, A.Eren, T.Caliskan, M.Bas, G., Robot-assisted laparoscopic (RAL) procedures in general surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;427-30	3
7751	H. L. Su, J.Zhang, H.Li, J.Wang, S., Using motion parallax for laparoscopic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;399-409	2
7752	L. X. Xia, T.Wang, X.Qin, L.Zhang, X.Zhang, X.Zhu, Z.Zhong, S.Shen, Z., Robot-assisted laparoscopic resection of large retroperitoneal paraganglioma - initial experience from China. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;686-693	3
7753	K. P. D. MacCallum, J. R.Geller, J. A., Tibial baseplate positioning in robotic-assisted and conventional unicompartmental knee arthroplasty. European journal of orthopaedic surgery & traumatologie. 2016;26;34182	12
7754	D. C. Ramirez, P. A.Krishnan, J.Zargar, H.Kaouk, J. H., Robot-assisted partial nephrectomy with intracorporeal renal hypothermia using ice slush: step-by-step technique and matched comparison with warm ischaemia. BJU International. 2016;117;531-6	2
7755	V. L. Razafindranaly, B.Aubry, K.Moriniere, S.Vergez, S.Mones, E. D.Malard, O.Ceruse, P., Clinical outcomes with transoral robotic surgery for supraglottic squamous cell carcinoma: Experience of a French evaluation cooperative subgroup of GETTEC. Head & Neck. 2016;38 Suppl 1;E1097-101	3
7756	M. S. S. Guy, J.Behbakht, K.Wright, J. D.Guntupalli, S. R., Comparative outcomes in older and younger women undergoing laparotomy or robotic surgical staging for endometrial cancer. American Journal of Obstetrics & Gynecology. 2016;214;350.e1-350.e10	12
7757	H. M. Garnica-Garza, Robotic stereotactic radioablation of breast tumors: Influence of beam size on the absorbed dose distributions. Applied Radiation & Isotopes. 2016;107;64-70	5
7758	G. G. Dagnino, I.Tarassoli, P.Atkins, R.Dogramadzi, S., Vision-based real-time position control of a semi-automated system for robot-assisted joint fracture surgery. International Journal of Computer Assisted Radiology & Surgery. 2016;11;437-55	5
7759	S. P. Russo, G.Quaglia, C.Niccolini, M.Rossi, F.Menabuoni, L.Pini, R.Fortuna, D.Dario, P.Menciassi, A., ESPRESSO: A novel device for laser-assisted surgery of the anterior eye segment. Minimally Invasive Therapy & Allied Technologies: Mitat. 2016;25;25781	5
7760	P. D. Puataweepong, M.Hansasuta, A.Dangprasert, S.Swangsilpa, T.Sitathanee, C.Jiarpinitnun, C.Vitoonpanich, P.Yongvithisatid, P., The Clinical Outcome of Hypofractionated Stereotactic Radiotherapy With CyberKnife Robotic Radiosurgery for Perioptic Pituitary Adenoma. Technology in Cancer Research & Treatment. 2016;15;NP10-NP15	2
7761	C. C. L. Foo, W. L., The Learning Curve of Robotic-Assisted Low Rectal Resection of a Novice Rectal Surgeon. World Journal of Surgery. 2016;40;456-62	4

7762	K. F. C. Lee, Y. S.Chong, C. C.Wong, J.Fong, A. K.Lai, P. B., Laparoscopic and robotic hepatectomy: experience from a single centre. ANZ Journal of Surgery. 2016;86;122-6	12
7763	J. B. Gonzalez-Martinez, J.Thompson, S.Gale, J.Smithason, S.Najm, I.Bingaman, W., Technique, Results, and Complications Related to Robot-Assisted Stereoelectroencephalography. Neurosurgery. 2016;78;169-80	2
7764	D. S. F.-G. Keller, J. R.Ibarra, S.Madhoun, N.Tahilramani, R.Mahmood, A.Haas, E. M., Evaluating quality across minimally invasive platforms in colorectal surgery. Surgical Endoscopy. 2016;30;2207-16	12
7765	S. A. Bongiolatti, M.Di Marino, M.Boffi, B.Borgianni, S.Gonfiotti, A.Voltolini, L.Coratti, A., Robot-sewn Ivor-Lewis anastomosis: preliminary experience and technical details. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;421-6	3
7766	F. M. Abdollah, M.Sood, A.Sammon, J.Dalela, D.Hsu, L.Beyer, B.Haese, A.Graefen, M.Gandaglia, G.Montorsi, F.Briganti, A.Menon, M., When Should a Positive Surgical Margin Ring a Bell? An Analysis of a Multi-Institutional Robot-Assisted Laparoscopic Radical Prostatectomy Database. Journal of Endourology. 2016;30;201-7	3
7767	B. R. B. Winters, P. J.Gore, J. L.Lin, D. W.Ellis, W. J.Dalkin, B. L.Porter, M. P.Harper, J. D.Wright, J. L., Preliminary Comparative Effectiveness of Robotic Versus Open Radical Cystectomy in Elderly Patients. Journal of Endourology. 2016;30;212-7	13
7768	W. W. S. Ludwig, N. A.Azoury, S. C.Dhanasopon, A.Mettee, L.Dwarakanath, A.Steele, K. E.Nguyen, H. T.Pavlovich, C. P., Inguinal Hernia Repair During Extraperitoneal Robot-Assisted Laparoscopic Radical Prostatectomy. Journal of Endourology. 2016;30;208-11	12
7769	M. C. M. Christie, J. P.Khiyami, A. M.Ornan, A. A.Wheeler, K. M.Schenkman, N. S., Occult Radiographically Evident Port-Site Hernia After Robot-Assisted Urologic Surgery: Incidence and Risk Factors. Journal of Endourology. 2016;30;33756	3
7770	K. R. Wittig, N.Barlog, J.Crocitto, L.Chan, K.Lau, C.Wilson, T.Yuh, B., Critical Analysis of Hospital Readmission and Cost Burden After Robot-Assisted Radical Cystectomy. Journal of Endourology. 2016;30;83-91	3
7771	G. D. G. Gandaglia, R.Geurts, N.D'Hondt, F.Montorsi, F.Novara, G.Mottrie, A., Oncologic Outcomes of Robot-Assisted Radical Cystectomy: Results of a High-Volume Robotic Center. Journal of Endourology. 2016;30;75-82	3
7772	A. A. Sharma, W. G.Duvvuri, U., Applications of Evolving Robotic Technology for Head and Neck Surgery. Annals of Otology, Rhinology & Laryngology. 2016;125;207-12	7
7773	R. C. G. Moon, J. C.Royall, N. A.Teixeira, A. F.Jawad, M. A., Robotic Roux-en-Y Gastric Bypass, is it Safer than Laparoscopic Bypass?. Obesity Surgery. 2016;26;1016-20	12
7774	P. S. K. Fairchild, N. S.Berger, M. B.Morgan, D. M., Rates of colpopexy and colporrhaphy at the time of hysterectomy for prolapse. American Journal of Obstetrics & Gynecology. 2016;214;262.e1-262.e7	2
7775	B. L. M. Ecker, R.Ramdon, A.Dempsey, D. T.Dumon, K. R.Williams, N. N., Resident education in robotic-assisted vertical sleeve gastrectomy: outcomes and cost-analysis of 411 consecutive cases. Surgery for Obesity & Related Diseases. 2016;12;313-20	3

7776	F. G. Dal Moro, M. P., Scoring surgical skill in robotic prostatectomy as adherence to the surgical plan: proposal for a new tool (ScAPSA). Minerva Urologica e Nefrologica. 2016;68;424-8	3
7777	Y. U. Kadono, S.Kadomoto, S.Iwamoto, H.Takezawa, Y.Nakashima, K.Nohara, T.Izumi, K.Mizokami, A.Gabata, T.Namiki, M., Use of preoperative factors including urodynamic evaluations and nerve-sparing status for predicting urinary continence recovery after robot-assisted radical prostatectomy: Nerve-sparing technique contributes to the reduction of postprostatectomy incontinence. Neurourology & Urodynamics. 2016;35;1034-1039	3
7778	M. S. Basto, N.Te Marvelde, L.Ryan, S.Goad, J.Lawrentschuk, N.Costello, A. J.Moon, D. A.Heriot, A. G.Butler, J.Murphy, D. G., Patterns-of-care and health economic analysis of robot-assisted radical prostatectomy in the Australian public health system. BJU International. 2016;117;930-9	3
7779	F. C. Dal Moro, A.Mancini, M., 'Cupid and Psyche': a novel technique for robotic hysterosacropexy in the treatment of pelvic organ prolapse. Urologia (Treviso). 2016;83;27-30	3
7780	B. K. O'Neil, T.Alvarez, J.Conwill, R. M.Albertsen, P. C.Cooperberg, M. R.Goodman, M.Greenfield, S.Hamilton, A. S.Hoffman, K. E.Hoffman, R. M.Kaplan, S. H.Stanford, J. L.Stroup, A. M.Paddock, L. E.Wu, X. C.Stephenson, R. A.Resnick, M. J.Barocas, D. A.Penson, D. F., The Comparative Harms of Open and Robotic Prostatectomy in Population Based Samples. Journal of Urology. 2016;195;321-9	12
7781	G. C. Corrado, V.Fanfani, F.Cutillo, G.Lucidi, A.Mancini, E.Pedone Anchora, L.Scambia, G.Vizza, E., Robotic Hysterectomy in Severely Obese Patients With Endometrial Cancer: A Multicenter Study. Journal of Minimally Invasive Gynecology. 2016;23;94-100	3
7782	S. C. Sharma, R.Finamore, P. S., Establishing the Learning Curve of Robotic Sacral Colpopexy in a Start-up Robotics Program. Journal of Minimally Invasive Gynecology. 2016;23;89-93	3
7783	S. M. Lopez, Z. D.Hernandez, L.Garza, D. M.Payne, T. N.Farnam, R. W., A Comparison of Outcomes Between Robotic-Assisted, Single-Site Laparoscopy Versus Laparoendoscopic Single Site for Benign Hysterectomy. Journal of Minimally Invasive Gynecology. 2016;23;30895	13
7784	F. S. Amirouche, G. F.Chandrasekaran, S.Domb, B. G.Gonzalez, M. H., Validating a Modified Circle Theorem Method for the Measurement of Acetabular Cup Anteversion on Plain Radiography with Intra-Operative Data from Robotic Assisted Total Hip Arthroplasty. Journal of Arthroplasty. 2016;31;323-9	5
7785	J. O. C. Lagares-Garcia, A.Firilas, A.Robinson, C. C.Dumas, B. P.Hagen, M. E., The influence of body mass index on clinical short-term outcomes in robotic colorectal surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;680-685	3
7786	J. W. A. Collins, C.Hosseini, A.Nyberg, T.Pini, G.Dey, L.Wiklund, P. N., Introducing an enhanced recovery programme to an established totally intracorporeal robot-assisted radical cystectomy service. Scandinavian Journal of Urology. 2016;50;39-46	3
7787	L. P. P. Beyer, B.Niessen, C.Dollinger, M.Graf, B. M.Muller, M.Schlitt, H. J.Stroszczynski, C.Wiggermann, P., Robot-assisted microwave thermoablation of liver tumors: a single-center experience. International Journal of Computer Assisted Radiology & Surgery. 2016;11;253-9	3
7788	M. H. Yabe, N.Ogawa, S.Kataoka, M.Akaihata, H.Sato, Y.Hata, J.Ishibashi, K.Kojima, Y., Atherosclerosis as a predictor of delayed recovery from lower urinary tract dysfunction after robot-assisted laparoscopic radical prostatectomy. Neurourology & Urodynamics. 2016;35;920-925	3
7789	B. J. A. Linder, M.Weaver, A. L.Woelk, J. L.Klingele, C. J.Trabuco, E. C.Occhino, J. A.Gebhart, J. B., Assessing the learning curve of robotic sacrocolpopexy. International Urogynecology Journal. 2016;27;239-46	3

7790	B. W. Yi, G.Li, J.Jiang, J.Son, Z.Su, H.Zhu, S., The first clinical use of domestically produced Chinese minimally invasive surgical robot system "Micro Hand S". Surgical Endoscopy. 2016;30;2649-55	3
7791	M. M. Vola, P.Kassir, R.Fuzellier, J. F.Campisi, S.Doguet, F.Albertini, J. N.Ruggieri, V. G.Folliguet, T., Robotic total endoscopic sutureless aortic valve replacement: proof of concept for a future surgical setting. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;370-4	7
7792	W. G. B. Albergotti, J. K.Nance, M.Choi, E. C.Koh, Y. W.Kim, S.Duvvuri, U., Robot-Assisted Neck Dissection Through a Modified Facelift Incision. Annals of Otology, Rhinology & Laryngology. 2016;125;123-9	3
7793	P. D. Chinnadurai, C.Al-Jabbari, O.Abu Saleh, W. K.Lumsden, A.Bismuth, J., Value of C-Arm Cone Beam Computed Tomography Image Fusion in Maximizing the Versatility of Endovascular Robotics. Annals of Vascular Surgery. 2016;30;138-48	2
7794	A. M. K. Potretzke, B. A.Zargar, H.Kaouk, J. H.Barod, R.Rogers, C. G.Mass, A.Stifelman, M. D.Johnson, M. H.Allaf, M. E.Sherburne Figenshau, R.Bhayani, S. B., Urinary fistula after robot-assisted partial nephrectomy: a multicentre analysis of 1 791 patients. BJU International. 2016;117;131-7	3
7795	I. H. L. Suh, C. A.Oleynikov, D.Siu, K. C., Evaluating Robotic Surgical Skills Performance Under Distractive Environment Using Objective and Subjective Measures. Surgical Innovation. 2016;23;78-89	3
7796	W. X. Shen, H.Wei, B.Cui, J.Bian, S.Zhang, K.Wang, N.Huang, X.Chen, L., Robotic versus laparoscopic gastrectomy for gastric cancer: comparison of short-term surgical outcomes. Surgical Endoscopy. 2016;30;574-580	12
7797	T. W. Zhang, X.Zhao, L.Liu, F.Chen, H.Deng, X.Peng, C.Shen, B., Transperitoneal robotic resection of benign primary retroperitoneal tumors: can it be widely used?. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;561-7	3
7798	E. H. R. Baker, S. W.Seshadri, R.Swan, R. Z.Iannitti, D. A.Vrochides, D.Martinie, J. B., Robotic pancreaticoduodenectomy: comparison of complications and cost to the open approach. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;554-60	12
7799	E. D. A. Gomez, R.McMahan, W.Bark, K.Kuchenbecker, K. J., Objective assessment of robotic surgical skill using instrument contact vibrations. Surgical Endoscopy. 2016;30;1419-31	5
7800	S. M. Ozeki, K.Hanai, T.Masumori, K.Katsuno, H.Takahashi, H., Effects of robotic rectal surgery on sexual and urinary functions in male patients. Surgery Today. 2016;46;491-500	12
7801	S. O. Sound, A. K.Bucak, E.Yigitbas, H.Dural, C.Berber, E., Intraoperative tumor localization and tissue distinction during robotic adrenalectomy using indocyanine green fluorescence imaging: a feasibility study. Surgical Endoscopy. 2016;30;657-662	3
7802	S. B. B. Williams, Y.Achim, M.Achim, G.Davis, J. W., Sequencing robot-assisted extended pelvic lymph node dissection prior to radical prostatectomy: a step-by-step guide to exposure and efficiency. BJU International. 2016;117;192-8	3
7803	C. P. Pacchierotti, D.Kuchenbecker, K. J., Cutaneous Feedback of Fingertip Deformation and Vibration for Palpation in Robotic Surgery. IEEE Transactions on Biomedical Engineering. 2016;63;278-87	5
7804	E. J. B. Park, S. H.Kang, J.Hur, H.Min, B. S.Lee, K. Y.Kim, N. K.Sohn, S. K., Short-term outcomes of the modified extralevator abdominoperineal resection for low rectal cancer (with videos). Surgical Endoscopy. 2016;30;1672-82	2

7805	J. W. P. Chung, J. S.Choi, S. B.Kim, D. W., Patient exposure to extremely low-frequency magnetic fields during laparoscopic and robotic surgeries. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;320-5	4
7806	P. L. Hasskamp, S.Holtmann, L.Stuck, B. A.Mattheis, S., First use of a new retractor in transoral robotic surgery (TORS). European Archives of Oto-Rhino-Laryngology. 2016;273;4931	5
7807	K. M. C. Ramji, M. C.Josse, J. M.MacNeill, A.O'Brien, C.Urbach, D.Quereshy, F. A., Comparison of clinical and economic outcomes between robotic, laparoscopic, and open rectal cancer surgery: early experience at a tertiary care center. Surgical Endoscopy. 2016;30;1337-43	12
7808	J. A. A. Boys, E. T.DeMeester, M. J.Worrell, S. G.Oh, D. S.Hagen, J. A.DeMeester, S. R., Public perceptions on robotic surgery, hospitals with robots, and surgeons that use them. Surgical Endoscopy. 2016;30;1310-6	5
7809	A. R. O. Bhama, V.Welch, K. B.Vandewarker, J. F.Cleary, R. K., A comparison of laparoscopic and robotic colorectal surgery outcomes using the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP) database. Surgical Endoscopy. 2016;30;1576-84	12
7810	Y. W. R. Kim, D.Park, J. Y.Eom, B. W.Kook, M. C.Ryu, K. W.Yoon, H. M., Role of robot-assisted distal gastrectomy compared to laparoscopy-assisted distal gastrectomy in suprapancreatic nodal dissection for gastric cancer. Surgical Endoscopy. 2016;30;1547-52	12
7811	C. N. Schneider, C.Rohling, R.Salcudean, S., Tracked "Pick-Up" Ultrasound for Robot-Assisted Minimally Invasive Surgery. IEEE Transactions on Biomedical Engineering. 2016;63;260-8	5
7812	R. S. Satkunasivam, M.Chopra, S.Plotner, E.Cai, J.Miranda, G.Salibian, S.Aron, M.Ginsberg, D.Daneshmand, S.Desai, M.Gill, I. S., Robotic Intracorporeal Orthotopic Neobladder: Urodynamic Outcomes, Urinary Function, and Health-related Quality of Life. European Urology. 2016;69;247-53	3
7813	C. S. Niklas, M.Berg, B.Steiner, K.Janssen, M.Siemer, S.Stockle, M.Ohlmann, C. H., da Vinci and Open Radical Prostatectomy: Comparison of Clinical Outcomes and Analysis of Insurance Costs. Urologia Internationalis. 2016;96;287-94	12
7814	E. R. R. Thaler, C. H.Lee, J. M.Weinstein, G. S.O'Malley, B. W., Jr., Outcomes for multilevel surgery for sleep apnea: Obstructive sleep apnea, transoral robotic surgery, and uvulopalatopharyngoplasty. Laryngoscope. 2016;126;266-9	4
7815	M. S. A. Nosrati, R.Peyrat, J. M.Abinahed, J.Al-Alao, O.Al-Ansari, A.Hamarneh, G., Simultaneous Multi-Structure Segmentation and 3D Nonrigid Pose Estimation in Image-Guided Robotic Surgery. IEEE Transactions on Medical Imaging. 2016;35;44573	5
7816	P. M. Z. Polanco, M. S.Hogg, M. E.Shakir, M.Boone, B. A.Bartlett, D. L.Zeh, H. J.Zureikat, A. H., An analysis of risk factors for pancreatic fistula after robotic pancreaticoduodenectomy: outcomes from a consecutive series of standardized pancreatic reconstructions. Surgical Endoscopy. 2016;30;1523-9	3
7817	Y. S. O. Park, A. M.Son, S. Y.Shin, D. J.Jung, D. H.Ahn, S. H.Park, D. J.Kim, H. H., Is a robotic system really better than the three-dimensional laparoscopic system in terms of suturing performance?: comparison among operators with different levels of experience. Surgical Endoscopy. 2016;30;1485-90	3
7818	M. S. Y. Altieri, J.Telem, D. A.Zhu, J.Halbert, C.Talamini, M.Pryor, A. D., Robotic approaches may offer benefit in colorectal procedures, more controversial in other areas: a review of 168,248 cases. Surgical Endoscopy. 2016;30;925-33	2
7819	Y. M. Wang, X.Huang, Q.Du, Q.Gong, H.Shang, J.Zhang, X., Comparison of robot-assisted and laparoscopic partial nephrectomy for complex renal tumours with a RENAL nephrometry score >=7: peri-operative and oncological outcomes. BJU International. 2016;117;126-30	13

7820	R. S. Montalti, V.Patriti, A.Vivarelli, M.Troisi, R. I., Robotic versus laparoscopic resections of posterosuperior segments of the liver: a propensity score-matched comparison. Surgical Endoscopy. 2016;30;1004-13	12
7821	N. Nadjmi, Transoral Robotic Cleft Palate Surgery. Cleft Palate-Craniofacial Journal. 2016;53;326-31	7
7822	Y. G. Maddahi, L. S.Zareinia, K.Lama, S.Sepehri, N.Sutherland, G. R., Quantifying workspace and forces of surgical dissection during robot-assisted neurosurgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;528-37	3
7823	S. U. J. Bae, W. K.Bae, O. S.Baek, S. K., Reduced-port robotic anterior resection for left-sided colon cancer using the Da Vinci single-site(R) platform. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;517-23	3
7824	H. M. Momozono, H.Miyazaki, A.Fujisawa, M., Significance of urethral fibrosis evaluated by preoperative magnetic resonance imaging as a predictor of continence status after robot-assisted radical prostatectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;496-501	3
7825	C. G. A. Rossitto, S.Fanfani, F.Fagotti, A.Costantini, B.Gallotta, V.Selvaggi, L.Monterossi, G.Restaino, S.Gidaro, S.Scambia, G., Learning a new robotic surgical device: Telelap Alf X in gynaecological surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;490-5	5
7826	A. M. Alexandrou, E.Pikoulis, E.Margariti, T.Dimitrokallis, N.Diamantis, T., Robotic sleeve gastrectomy for morbid obesity: report of a 5 year experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;283-7	3
7827	F. Z. Guo, C.Wang, H. Q.Sheng, X.Xiao, L.Sun, Y. H.Yang, B., Application of a laser-guided docking system in robot-assisted urologic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;524-7	3
7828	L. M. El Hachem, M.Friedman, K.Moshier, E. L.Chuang, L. T.Gretz, H. F., 3rd, Safety, feasibility and learning curve of robotic single-site surgery in gynecology. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;509-16	3
7829	L. T. Procopiuc, S.Manuc, M.Diculescu, M.Vasilescu, C., Open vs robotic radical gastrectomy for locally advanced gastric cancer. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;502-8	12
7830	T. S. Nagata, Y.Miwa, T.Hashimoto, I.Kojima, H.Okumura, T.Tsukada, K., Endoscopic thyroidectomy using the EZ-VANS method. Surgery Today. 2016;46;575-82	2
7831	J. L. Paek, J. D.Kong, T. W.Chang, S. J.Ryu, H. S., Robotic single-site versus laparoendoscopic single-site hysterectomy: a propensity score matching study. Surgical Endoscopy. 2016;30;1043-50	13
7832	T. K. Yamaguchi, Y.Shiomi, A.Tomioka, H.Kagawa, H., Robotic-assisted laparoscopic versus open lateral lymph node dissection for advanced lower rectal cancer. Surgical Endoscopy. 2016;30;721-728	12
7833	A. O. Toker, M. O.Kaba, E.Ayalp, K.Demirhan, O.Uyumaz, E., Robotic anatomic lung resections: the initial experience and description of learning in 102 cases. Surgical Endoscopy. 2016;30;676-683	2
7834	P. J. Radkani, D.Barot, T.Williams, R. F., Robotic video-assisted thoracoscopic lung resection for lung tumors: a community tertiary care center experience over four years. Surgical Endoscopy. 2016;30;619-624	3
7835	G. O. L. Chong, Y. H.Hong, D. G.Cho, Y. L.Lee, Y. S., Robotic hysterectomy or myomectomy without power morcellation: A single-port assisted three-incision technique with manual morcellation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;483-9	3

7836	B. T. Givi, S. H.Stott, W.Cordeiro, T.Andersen, P. E.Gross, N. D., Transoral robotic retropharyngeal node dissection. Head & Neck. 2016;38 Suppl 1;E981-6	2
7837	H. I. H. Kim, S. U.Yang, H. K.Kim, Y. W.Lee, H. J.Ryu, K. W.Park, J. M.An, J. Y.Kim, M. C.Park, S.Song, K. Y.Oh, S. J.Kong, S. H.Suh, B. J.Yang, D. H.Ha, T. K.Kim, Y. N.Hyung, W. J., Multicenter Prospective Comparative Study of Robotic Versus Laparoscopic Gastrectomy for Gastric Adenocarcinoma. Annals of Surgery. 2016;263;103-9	12
7838	E. M. D. J. Wit, J.Acar, C.V. A. N. Muilekom ETillier, C.De Blok, W.Van Der Poel H, Stapling for prostate pedicle management during robot-assisted radical prostatectomy. Minerva Urologica e Nefrologica. 2016;68;429-36	3
7839	J. L. C. Du, C. C.Chao, H. M.Kuo, L. J., Robot-assisted intersphincteric resection for rectal submucosal tumour. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;478-82	3
7840	H. Y. K. Kwak, H. Y.Lee, H. Y.Jung, S. P.Woo, S. U.Son, G. S.Lee, J. B.Bae, J. W., Predictive factors for difficult robotic thyroidectomy using the bilateral axillo-breast approach. Head & Neck. 2016;38 Suppl 1;E954-60	3
7841	U. P. Turktas, A.Poehling, G. G., Short-term outcomes of robotically assisted patello-femoral arthroplasty. International Orthopaedics. 2016;40;919-24	3
7842	R. D. Mandal, U.Ferris, R. L.Kaffenberger, T. M.Choby, G. W.Kim, S., Analysis of post-transoral robotic-assisted surgery hemorrhage: Frequency, outcomes, and prevention. Head & Neck. 2016;38 Suppl 1;E776-82	3
7843	T. Y. D. Tsai, D.Li, J. S.Kwon, Y. M., Does haptic robot-assisted total hip arthroplasty better restore native acetabular and femoral anatomy?. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;288-95	3
7844	M. S. K. Tam, C.Mullard, A. J.Regenbogen, S. E.Franz, M. G.Hendren, S.Krapohl, G.Vandewarker, J. F.Lampman, R. M.Cleary, R. K., A population-based study comparing laparoscopic and robotic outcomes in colorectal surgery. Surgical Endoscopy. 2016;30;455-463	12
7845	N. C. A. Buchs, D. E.Pugin, F.Jung, M. K.Huber, O.Chassot, G.Morel, P., Roux-en-Y gastric bypass for super obese patients: what approach?. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;276-82	2
7846	S. F. P. Herling, C.Moeller, A. M.Thomsen, T., The Experience of Robotic-Assisted Laparoscopic Hysterectomy for Women Treated for Early-Stage Endometrial Cancer: A Qualitative Study. Cancer Nursing. 2016;39;125-33	3
7847	J. R. Mahieu, P.Bubenheim, M.Calenda, E.Melki, J.Peillon, C.Baste, J. M., Robot-Assisted Thoracoscopic Surgery versus Video-Assisted Thoracoscopic Surgery for Lung Lobectomy: Can a Robotic Approach Improve Short-Term Outcomes and Operative Safety?. Thoracic & Cardiovascular Surgeon. 2016;64;354-62	13
7848	K. M. Bedeir, A.Youssef, Y., Robotic single-site versus laparoscopic cholecystectomy: Which is cheaper? A cost report and analysis. Surgical Endoscopy. 2016;30;267-72	4
7849	F. M. Fanfani, G.Fagotti, A.Rossitto, C.Gueli Alletti, S.Costantini, B.Gallotta, V.Selvaggi, L.Restaino, S.Scambia, G., The new robotic TELELAP ALF-X in gynecological surgery: single-center experience. Surgical Endoscopy. 2016;30;215-21	2
7850	T. E. M. Ind, C.Hacking, M.Harris, M.Bishop, L.Barton, D.Bridges, J. E.Shepherd, J. H.Nobbenhuis, M., Introducing robotic surgery into an endometrial cancer service--a prospective evaluation of clinical and economic outcomes in a UK institution. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;137-44	5

7851	K. Y. Mori, Y.Aikou, S.Nishida, M.Kiyokawa, T.Yagi, K.Yamashita, H.Nomura, S.Seto, Y., Short-term outcomes of robotic radical esophagectomy for esophageal cancer by a nontransthoracic approach compared with conventional transthoracic surgery. Diseases of the Esophagus. 2016;29;429-34	3
7852	C. H. C. Chen, L. H.Chen, H. H.Chan, C.Liu, W. M., Comparison of robotic approach, laparoscopic approach and laparotomy in treating epithelial ovarian cancer. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;268-75	13
7853	E. D. Epaminonda, T.Kalogirou, C.Theodoulou, M.Yiallouras, C.Damianou, C., MRI guided focused ultrasound robotic system for the treatment of gynaecological tumors. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;46-52	2
7854	C. D. Kucur, K.Gun, R.Old, M. O.Agrawal, A.Teknos, T. N.Ozer, E., Safety and efficacy of concurrent neck dissection and transoral robotic surgery. Head & Neck. 2016;38 Suppl 1;E519-23	3
7855	D. S. K. Bae, S. J.Koo do, H.Paek, S. H.Kwon, H.Chai, Y. J.Choi, J. Y.Lee, K. E.Youn, Y. K., Prospective, randomized controlled trial on use of ropivacaine after robotic thyroid surgery: Effects on postoperative pain. Head & Neck. 2016;38 Suppl 1;E588-93	3
7856	W. S. X. Lu, W. Y.Pan, F.Liu, D.Tian, Z. M.Zeng, Y., Clinical application of a vascular interventional robot in cerebral angiography. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;132-6	3
7857	Y. S. K. Kim, M. J.Park, S. C.Sohn, D. K.Kim, D. Y.Chang, H. J.Nam, B. H.Oh, J. H., Robotic Versus Laparoscopic Surgery for Rectal Cancer after Preoperative Chemoradiotherapy: Case-Matched Study of Short-Term Outcomes. Cancer Research & Treatment. 2016;48;225-31	12
7858	J. D. A. Sammon, F.Klett, D. E.Pucheril, D.Sood, A.Trinh, Q. D.Menon, M., The diminishing returns of robotic diffusion: complications after robot-assisted radical prostatectomy. BJU International. 2016;117;211-2	8
7859	A. A. L. Luciano, D. E.Gabbert, J.Seshadri-Kreaden, U., The impact of robotics on the mode of benign hysterectomy and clinical outcomes. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;114-24	5
7860	F. G.-F. Fuertes-Guiro, M.Viteri-Velasco, E., Opportunity cost in the economic evaluation of da Vinci robotic assisted surgery. European Journal of Health Economics. 2016;17;245-56	5
7861	M. R. Moslemi, B.Meyer, M.Nguyen, D.Poston, R.Gharagozloo, F., Unilateral robotic hybrid mini-maze: a novel experimental approach. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;125-31	7
7862	S. Y. K. Park, D. J.Yu, W. S.Jung, H. S., Robot-assisted thoracoscopic esophagectomy with extensive mediastinal lymphadenectomy: experience with 114 consecutive patients with intrathoracic esophageal cancer. Diseases of the Esophagus. 2016;29;326-32	3
7863	J. G. Guo, S.Tamiya, T.Hirata, H.Ishihara, H., A virtual reality-based method of decreasing transmission time of visual feedback for a tele-operative robotic catheter operating system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;32-45	2
7864	G. R. T. Damiani, D.Cormio, G.Croce, P.Merola, V.Gaetani, M.Recalcati, D.Pellegrino, A., Robotic approach using simple and radical hysterectomy for endometrial cancer with long-term follow-up evaluation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;109-13	3
7865	M. C. Niccolini, V.Diversi, C.Kang, B.Mussa, F.Sinibaldi, E., Development and preliminary assessment of a robotic platform for neuroendoscopy based on a lightweight robot. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2016;12;44668	3

7866	N. C.-S. Lonjon, E.Costalat, V.Bonnafoux, B.Vassal, M.Boetto, J., Robot-assisted spine surgery: feasibility study through a prospective case-matched analysis. European Spine Journal. 2016;25;947-55	3
7867	N. G. Tolley, G.Palazzo, F.Prichard, A.Chaidas, K.Cox, J.Darzi, A.Arora, A., Long-term prospective evaluation comparing robotic parathyroidectomy with minimally invasive open parathyroidectomy for primary hyperparathyroidism. Head & Neck. 2016;38 Suppl 1;E300-6	12
7868	J. R. M. de Almeida, A. J.Miles, B. A.Goldstein, D. P.Teng, M. S.Sikora, A. G.Gupta, V.Posner, M.Genden, E. M., Cost-effectiveness of transoral robotic surgery versus (chemo)radiotherapy for early T classification oropharyngeal carcinoma: A cost-utility analysis. Head & Neck. 2016;38;589-600	5
7869	C. L. d. A. Stucken, J. R.Sikora, A. G.Tong, C. C.Genden, E. M., Impact of human papillomavirus and smoking on survival outcomes after transoral robotic surgery. Head & Neck. 2016;38;380-6	3
7870	P. J. H. Schuler, T. K.Duvvuri, U.Rotter, N.Greve, J.Scheithauer, M. O., Demonstration of nasopharyngeal surgery with a single port operator-controlled flexible endoscope system. Head & Neck. 2016;38;370-4	3
7871	J. M. T. Kaczmar, K. S.Heitjan, D. F.Lin, A.Ahn, P. H.Newman, J. G.Rassekh, C. H.Chalian, A. A.O'Malley, B. W., Jr.Cohen, R. B.Weinstein, G. S., HPV-related oropharyngeal cancer: Risk factors for treatment failure in patients managed with primary transoral robotic surgery. Head & Neck. 2016;38;59-65	3
7872	V. J.-C. Luther, S.Koa-Wing, M.Shun-Shin, M.Hayat, S.Linton, N. W.Lim, P. B.Whinnett, Z.Wright, I. J.Lefroy, D.Peters, N. S.Davies, D. W.Kanagaratnam, P., Non-randomised comparison of acute and long-term outcomes of robotic versus manual ventricular tachycardia ablation in a single centre ischemic cohort. Journal of Interventional Cardiac Electrophysiology. 2015;43;175-85	12
7873	A. A. Shafti, F.Marchese, N.Arolfo, S.Aydin, A.Elhage, O.Noh, Y.Wurdemann, H. A.Arezzo, A.Dasgupta, P.Althoefer, K., Comfort and learnability assessment of a new soft robotic manipulator for minimally invasive surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;1081576	2
7874	S. J. W. Raza, T.Peabody, J. O.Wiklund, P.Scherr, D. S.Al-Daghmin, A.Dibaj, S.Khan, M. S.Dasgupta, P.Mottrie, A.Menon, M.Yuh, B.Richstone, L.Saar, M.Stoeckle, M.Hosseini, A.Kaouk, J.Mohler, J. L.Rha, K. H.Wilding, G.Guru, K. A., Long-term oncologic outcomes following robot-assisted radical cystectomy: results from the International Robotic Cystectomy Consortium. European Urology. 2015;68;721-8	3
7875	O. C. Elhage, B.Shortland, A.Dasgupta, P., An assessment of the physical impact of complex surgical tasks on surgeon errors and discomfort: a comparison between robot-assisted, laparoscopic and open approaches. BJU International. 2015;115;274-81	5
7876	T. P. M. Cundy, H. J.Hughes-Hallett, A.MacKinnon, T.Najmaldin, A. S.Yang, G. Z.Darzi, A., Robotic versus non-robotic instruments in spatially constrained operating workspaces: a pre-clinical randomized crossover study. BJU International. 2015;116;415-22	2
7877	K. K. Ahmed, R.Mottrie, A.Lovegrove, C.Abaza, R.Ahlawat, R.Ahlering, T.Ahlgren, G.Artibani, W.Barret, E.Cathelineau, X.Challacombe, B.Coloby, P.Khan, M. S.Hubert, J.Michel, M. S.Montorsi, F.Murphy, D.Palou, J.Patel, V.Piechaud, P. T.Van Poppel, H.Rischmann, P.Sanchez-Salas, R.Siemer, S.Stoeckle, M.Stolzenburg, J. U.Terrier, J. E.Thuroff, J. W.Vaessen, C.Van Der Poel, H. G.Van Cleynenbreugel, B.Volpe, A.Wagner, C.Wiklund, P.Wilson, T.Wirth, M.Witt, J.Dasgupta, P., Development of a standardised training curriculum for robotic surgery: a consensus statement from an international multidisciplinary group of experts. BJU International. 2015;116;93-101	5

7878	O. K. Brunckhorst, M. S.Dasgupta, P.Ahmed, K., Effective non-technical skills are imperative to robot-assisted surgery. BJU International. 2015;116;842-4	8
7879	A. K. Arora, J.Acharya, A.Garas, G.Darzi, A.Davies, D. C.Tolley, N., Determination of biometric measures to evaluate patient suitability for transoral robotic surgery. Head & Neck. 2015;37;1254-60	7
7880	R. A. Randell, N.Honey, S.Greenhalgh, J.Gardner, P.Gill, A.Jayne, D.Kotze, A.Pearman, A.Dowding, D., Impact of Robotic Surgery on Decision Making: Perspectives of Surgical Teams. AMIA ... Annual Symposium Proceedings/AMIA Symposium. 2015;2015;1057-66	5
7881	G. C. Sugiyama, S.Chung, P. J.Alfonso, A., Robot-Assisted Transabdominal Preperitoneal Ventral Hernia Repair. Journal of the Society of Laparoendoscopic Surgeons. 2015;19;Oct-Dec	3
7882	H. N. Noshiro, A.Akashi, M.Kono, H.Ikeda, O.Miyake, S., Pure Robotic Surgery for Intraluminally Growing Gastrointestinal Stromal Tumors around the Esophagogastric junction or Pyloric Ring. Hepato-Gastroenterology. 2015;62;629-34	5
7883	N. H. L. Baek, G.Kim, J. H.Hwang, J. C.Kim, J. H.Yoo, B. M.Kim, W. H., Short-Term Surgical Outcomes and Experience with 925 Patients Undergoing Robotic Cholecystectomy During A 4-Year Period At A Single Institution. Hepato-Gastroenterology. 2015;62;573-6	3
7884	T. V. Vauterin, J.Despeghel, A. S.D'Heygere, E.Dick, C.Van Den Bruel, A., Transaxillary robotic thyroidectomy: Belgian team learning from the first 50 cases. B-ENT. 2015;Suppl 24;22494	3
7885	V. L. Razafindranaly, B.Aubry, K.Moriniere, S.Vergez, S.De Mones, E.Malard, O.Ceruse, P., Clinical outcomes of transoral robotic surgery for supraglottic squamous cell carcinoma: experience of a french evaluation cooperative subgroup of gettec. B-ENT. 2015;Suppl 24;37-43	3
7886	C. B. Collin, N.Haddock, P.Wagner, J., Pre-Operative Education Classes Prior to Robotic Prostatectomy Benefit Both Patients and Clinicians. Urologic Nursing. 2015;35;281-5	5
7887	F. D. L. Porpiglia, S.Bertolo, R.Passera, R.Mele, F.Manfredi, M.Amparore, D.Morra, I.Fiori, C., Robot-Assisted Extended Pelvic Lymph Nodes Dissection for Prostate Cancer: Personal Surgical Technique and Outcomes. International Braz J Urol. 2015;41;1209-12019	3
7888	R. C. F. Slater, N. J.Riley, J. M.Shilo, Y.Ost, M. C., Contemporary Series of Robotic-Assisted Distal Ureteral Reconstruction Utilizing Side Docking Position. International Braz J Urol. 2015;41;1154-9	3
7889	H. T. Yoshiki, K.Ban, D.Ohuchi, K.Tanabe, M.Kawashima, K., Surgical energy device using steam jet for robotic assisted surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;1816109	2
7890	F. B. Nessi, E.Ferrigno, G.De Momi, E., Recognition of user's activity for adaptive cooperative assistance in robotic surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;1233305	5
7891	L. H. Vanthournhout, B.Duisit, J.Chateau, F.Szewczyk, J.Lengele, B.Raucent, B., Requirements analysis and preliminary design of a robotic assistant for reconstructive microsurgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;4926-30	2
7892	E. B. Olivieri, G.Mattos, L. S., BCI-based user training in surgical robotics. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;4918-21	2

7893	A. T. Barthel, D.Nasseri, M. A.Zapp, D.Lohmann, C. P.Knoll, A.Maier, M., Haptic interface for robot-assisted ophthalmic surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;1098164	5
7894	I. D. Georgilas, G.Tarassoli, P.Atkins, R.Dogramadzi, S., Preliminary analysis of force-torque measurements for robot-assisted fracture surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;1096580	5
7895	J. L. Guo, C.Poignet, P., Enhanced position-force tracking of time-delayed teleoperation for robotic-assisted surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;1093720	5
7896	B. B. Barra, E.Nessi, F.Ferrigno, G.De Momi, E., Redundancy optimization strategy for hands-on robotic surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;4857-60	5
7897	A. M. Cafarelli, M.Diodato, A.Schiappacasse, A.Santoro, M.Ciuti, G.Menciassi, A., A computer-assisted robotic platform for Focused Ultrasound Surgery: Assessment of high intensity focused ultrasound delivery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;1311-4	5
7898	Y. H. Horise, X.Gehlbach, P.Taylor, R.Iordachita, I., FBG-based sensorized light pipe for robotic intraocular illumination facilitates bimanual retinal microsurgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;44725	2
7899	G. G. Dagnino, I.Tarassoli, P.Atkins, R.Dogramadzi, S., Intra-operative 3D imaging system for robot-assisted fracture manipulation. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;44816	2
7900	A. I. A. Aviles, S. M.Sobrevilla, P.Casals, A., Force-feedback sensory substitution using supervised recurrent learning for robotic-assisted surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2015;2015;44565	5
7901	S. J. Zhang, Z. W.Wang, G.Feng, X. B.Liu, J.Zhao, J.Li, J. S., Robotic gastrectomy with transvaginal specimen extraction for female gastric cancer patients. World Journal of Gastroenterology. 2015;21;13332-8	3
7902	C. L. W. Lee, K. Y.Su, H.Han, C. M.Huang, C. Y.Yen, C. F., Robot-assisted natural orifice transluminal endoscopic surgery for hysterectomy. Taiwanese Journal of Obstetrics & Gynecology. 2015;54;761-5	3
7903	T. O. Li, C.Burton, S.Flickinger, J.Heron, D. E.Huq, M. S., A method to improve dose gradient for robotic radiosurgery. Journal of Applied Clinical Medical Physics. 2015;16;333-339	5
7904	J. H. Wagner, P., Robotic-assisted laparoscopic catheterizable bladder augment: a novel approach to treat recurrent bladder neck contracture following radical prostatectomy. Canadian Journal of Urology. 2015;22;2255222	3
7905	M. C. Valdis, M. W.Schlachta, C. M.Kiaii, B., Validation of a Novel Virtual Reality Training Curriculum for Robotic Cardiac Surgery: A Randomized Trial. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2015;10;383-8	2
7906	M. C. Guerrieri, R.Sperti, P.Belfiori, G.Gesuita, R.Ghiselli, R., Totally robotic vs 3D laparoscopic colectomy: A single centers preliminary experience. World Journal of Gastroenterology. 2015;21;13152-9	12

7907	J. Y. S. Yang, Y. G.Kim, T. H.Park, J. H.Huh, Y. J.Suh, Y. S.Kong, S. H.Lee, H. J.Kim, S.Yang, H. K., Manual Ambidexterity Predicts Robotic Surgical Proficiency. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;1009-18	5
7908	A. R. Parisi, F.Trastulli, S.Cirocchi, R.Gemini, A.Grassi, V.Corsi, A.Renzi, C.De Santis, F.Petrina, A.Pironi, D.D'Andrea, V.Santoro, A.Desiderio, J., Robotic Total Gastrectomy With Intracorporeal Robot-Sewn Anastomosis: A Novel Approach Adopting the Double-Loop Reconstruction Method. Medicine. 2015;94;e1922	5
7909	F. M. Musumeci, G.Ranocchi, F.Tosi, D.Persichetti, P., Transareolar Robotic-Assisted Access to the Mitral Valve. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2015;10;438-40	5
7910	V. A. Tugcu, A.Sahin, S.Kargi, T.Gokhan Seker, K.IlkerComez, Y.IhsanTasci, A., Robot-Assisted Radical Prostatectomy After Previous Prostate Surgery. Journal of the Society of Laparoendoscopic Surgeons. 2015;19;Sep-Dec	3
7911	H. H. A. Balkhy, S.Krienbring, D.Urban, J., Liposome Bupivacaine for Postsurgical Analgesia in Patients Undergoing Robotically Assisted Cardiac Surgery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2015;10;416-9	3
7912	S. D. Dabas, A.Ranjan, R.Dewan, A. K.Shukla, H.Sinha, R., Salvage Transoral Robotic Surgery for Recurrent or Residual Head and Neck Squamous Cell Carcinoma: A Single Institution Experience. Asian Pacific Journal of Cancer Prevention: Apjcp. 2015;16;7627-32	2
7913	E. B. Matanes, S.Lowenstein, L., The Implementation of Robotic Surgery in Israel. Israel Medical Association Journal: Imaj. 2015;17;563-6	5
7914	H. Z. Gui, S.Luan, N.Lin, Y.Shen, S. G.Bautista, J. S., A Novel System for Navigation-and Robot-Assisted Craniofacial Surgery: Establishment of the Principle Prototype. Journal of Craniofacial Surgery. 2015;26;e746-9	5
7915	N. S. Ahn, G.Singh, T. P.Stain, S.Whyte, C., Robotic Single- and Multisite Cholecystectomy in Children. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;1033-5	3
7916	Z. S. Butow, S.Janssen, M.Graber, S.Saar, M.Kamradt, J.Siemer, S.Stockle, M.Ohlmann, C. H., Quality of Preoperative Biopsy Is a Risk Factor for Positive Surgical Margins in Organ-Confined Prostate Cancer Treated with Nerve-Sparing Robot-Assisted Radical Prostatectomy. Urologia Internationalis. 2015;95;465-71	3
7917	H. Y. L. Lee, J. Y.Dionigi, G.Bae, J. W.Kim, H. Y., The Efficacy of Intraoperative Neuromonitoring During Robotic Thyroidectomy: A Prospective, Randomized Case-Control Evaluation. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;908-14	3
7918	S. W. Piedimonte, Y.Bergman, S.Vanounou, T., Early experience with robotic pancreatic surgery in a Canadian institution. Canadian Journal of Surgery. 2015;58;394-401	12
7919	H. S. L. Kim, Y. J.Ku, J. H.Kwak, C.Kim, H. H.Jeong, C. W., The clinical application of the sliding loop technique for renorrhaphy during robot-assisted laparoscopic partial nephrectomy: Surgical technique and outcomes. Korean Journal of Urology. 2015;56;762-8	3
7920	Z. P. Moghadamyeghaneh, M.Smith, B. R.Stamos, M. J., Outcomes of Open, Laparoscopic, and Robotic Abdominoperineal Resections in Patients With Rectal Cancer. Diseases of the Colon & Rectum. 2015;58;1123-9	12
7921	C. Y. Y. Hu, C. K.Huang, C. Y.Ou, Y. C.Hung, S. F.Chung, S. D.Pu, Y. S., Robot-Assisted Laparoscopic Nephroureterectomy versus Hand-Assisted Laparoscopic Nephroureterectomy for Upper Urinary Tract Urothelial Carcinoma: A Matched Comparison Study. BioMed Research International. 2015;2015;918486	13

7922	A. B. M. Porcaro, A.Terrin, A.De Luyk, N.Baldassarre, R.Brunelli, M.Cavalleri, S.Cerruto, M. A.Gelati, M.Salvagno, G. L.Guidi, G. C.Artibani, W., Robotic-assisted radical prostatectomy is less stressful than the open approach: results of a contemporary prospective study evaluating pathophysiology of cortisol stress-related kinetics in prostate cancer surgery. Journal of Robotic Surgery. 2015;9;249-55	4
7923	A. F. Cestari, M.Zanoni, M.Sangalli, M.Ghezzi, M.Fabbri, F.Sozzi, F.Rigatti, P., Side docking of the da Vinci robotic system for radical prostatectomy: advantages over traditional docking. Journal of Robotic Surgery. 2015;9;243-7	2
7924	R. R. Kesavuori, P.Jokinen, J. J.Sahlman, A.Vento, A., Quality of life after robotically assisted atrial myxoma excision. Journal of Robotic Surgery. 2015;9;235-41	13
7925	W. P. R. Liu, J. D.Sorger, J. M.Azizian, M.Taylor, R. H., Augmented reality and cone beam CT guidance for transoral robotic surgery. Journal of Robotic Surgery. 2015;9;223-33	5
7926	L. M. Morelli, J.Palmeri, M.D'Isidoro, C.Kauffmann, E. F.Tartaglia, D.Caprili, G.Pisano, R.Guadagni, S.Di Franco, G.Di Candio, G.Mosca, F., Robotic surgery and hemostatic agents in partial nephrectomy: a high rate of success without vascular clamping. Journal of Robotic Surgery. 2015;9;215-22	3
7927	M. I. Maheshwari, T., Concurrent use of a robotic uterine manipulator and a robotic laparoscope holder to achieve assistant-less solo laparoscopy: the double ViKY. Journal of Robotic Surgery. 2015;9;211-3	3
7928	L. W. G. Alvin, S. H.Hong, H. H.Christopher, C. W.Henry, H. S.Weber, L. K.Hoon, T. P.Shiong, L. L., Oncological outcomes following robotic-assisted radical prostatectomy in a multiracial Asian population. Journal of Robotic Surgery. 2015;9;201-9	3
7929	R. S. G. Terry, T.Mason, J. B.Sorensen, M. D.Joseph, J. P.Dahm, P.Su, L. M., Postoperative rhabdomyolysis following robotic renal and adrenal surgery: a cautionary tale of compounding risk factors. Journal of Robotic Surgery. 2015;9;195-200	3
7930	K. R. G. Serin, F. A.Batman, B.Ay, S.Kapran, Y.Saglam, S.Asoglu, O., Robotic versus laparoscopic surgery for mid or low rectal cancer in male patients after neoadjuvant chemoradiation therapy: comparison of short-term outcomes. Journal of Robotic Surgery. 2015;9;187-94	12
7931	D. J. G. Kiely, W. H.Lau, S.Zeng, X.Samouelian, V.Ramanakumar, A. V.Zakrzewski, H.Brin, S.Fraser, S. A.Korsieporn, P.Drudi, L.Press, J. Z., Virtual reality robotic surgery simulation curriculum to teach robotic suturing: a randomized controlled trial. Journal of Robotic Surgery. 2015;9;179-86	5
7932	T. M. Naitoh, T.Tanaka, N.Aoki, T.Ohtsuka, H.Okada, T.Sakata, N.Ohnuma, S.Nakagawa, K.Hayashi, H.Musha, H.Yoshida, H.Motoi, F.Katayose, Y.Unno, M., Early experience of robotic surgery for type I congenital dilatation of the bile duct. Journal of Robotic Surgery. 2015;9;143-8	12
7933	P. A. M. Elliott, E. C.Abbass, M. A.Abbas, M. A., Robotic versus laparoscopic resection for sigmoid diverticulitis with fistula. Journal of Robotic Surgery. 2015;9;137-42	12
7934	K. U. P. Jung, Y.Lee, K. Y.Sohn, S. K., Robotic transverse colectomy for mid-transverse colon cancer: surgical techniques and oncologic outcomes. Journal of Robotic Surgery. 2015;9;131-6	3
7935	A. S. L. Taylor, B.Rawal, B.Thiel, D. D., Impact of fellowship training on robotic-assisted laparoscopic partial nephrectomy: benchmarking perioperative safety and outcomes. Journal of Robotic Surgery. 2015;9;125-30	5
7936	P. D. M. Violette, D.Pond, G. R.Pautler, S. E., Independent predictors of prolonged operative time during robotic-assisted radical prostatectomy. Journal of Robotic Surgery. 2015;9;117-23	5

7937	K. E. Wastler, Robotic surgical and anesthesia communication tool. Journal of Robotic Surgery. 2015;9;35643	5
7938	D. G. Barraez, H.McElrath, T.Kredentser, D.Timmins, P., Low incidence of port-site metastasis after robotic assisted surgery for endometrial cancer staging: descriptive analysis. Journal of Robotic Surgery. 2015;9;33359	3
7939	G. P. Melotti, M.Mullineris, B.Varoli, M.Colli, G.Gozzo, D.Smerieri, N.Surendra, N.Caruso, A.Conigliaro, R.Frazzoni, M., Zenker diverticulectomy: first report of robot-assisted transaxillary approach. Journal of Robotic Surgery. 2015;9;27607	3
7940	L. J. W. Moore, M. R.Waine, E.Masters, R. S.McGrath, J. S.Vine, S. J., Robotic technology results in faster and more robust surgical skill acquisition than traditional laparoscopy. Journal of Robotic Surgery. 2015;9;67-73	5
7941	T. P. M. Cundy, E. K.Camps, J. I.Olsen, L. H.Pelizzo, G.Yang, G. Z.Darzi, A.Najmaldin, A. S., Education and training in pediatric robotic surgery: lessons learned from an inaugural multinational workshop. Journal of Robotic Surgery. 2015;9;57-63	5
7942	S. A. Summers, J.Petzel, A.Tarr, M.Kenton, K., Development and testing of a robotic surgical training curriculum for novice surgeons. Journal of Robotic Surgery. 2015;9;27-35	5
7943	L. G. Lahaye, M.Green, J.Biddle, C. J., Cerebral tissue O2 saturation during prolonged robotic surgery in the steep Trendelenburg position: an observational case series in a diverse surgical population. Journal of Robotic Surgery. 2015;9;19-25	3
7944	M. L. Z. McCarroll, M. D.Dante Roulette, G.Mendise, T. M.Ferris, E.Zolton, J.Andrews, S. J.von Gruenigen, V. E., Development and implementation results of an interactive computerized surgical checklist for robotic-assisted gynecologic surgery. Journal of Robotic Surgery. 2015;9;44873	2
7945	K. F. Fujiwara, T.Niimi, K.Sato, T.Kataoka, H.Kitano, H.Takeuchi, H., Mechanical evaluation of newly developed mouthpiece using polyethylene terephthalate glycol for transoral robotic surgery. Journal of Robotic Surgery. 2015;9;347-54	5
7946	M. J. D. Cunningham, E.Nguyen, L.Anderson, E.Bunn, W. D., Jr., Body mass index, conversion rate and complications among patients undergoing robotic surgery for endometrial carcinoma. Journal of Robotic Surgery. 2015;9;339-45	3
7947	K. F. Fujiwara, T.Niimi, K.Sato, T.Kitano, H., Load evaluation of the da Vinci surgical system for transoral robotic surgery. Journal of Robotic Surgery. 2015;9;315-9	5
7948	C. R. Lonnerfors, P.Geppert, B.Persson, J., The effect of increased experience on complications in robotic hysterectomy for malignant and benign gynecological disease. Journal of Robotic Surgery. 2015;9;321-30	3
7949	L. J. W. Moore, M. R.Waine, E.McGrath, J. S.Masters, R. S.Vine, S. J., Robotically assisted laparoscopy benefits surgical performance under stress. Journal of Robotic Surgery. 2015;9;277-84	5
7950	V. E. Kapoor, J. S., Simultaneous bilateral robotic-assisted laparoscopic procedures in children. Journal of Robotic Surgery. 2015;9;285-90	5
7951	M. L. L. Winter, S. Y.Lagrew, D. C., Jr.Bustillo, G., Cost comparison of robotic-assisted laparoscopic hysterectomy versus standard laparoscopic hysterectomy. Journal of Robotic Surgery. 2015;9;269-75	4
7952	P. J. G. Thottam, N.Duvvuri, U.Mehta, D., Transoral robotic surgery for sleep apnea in children: Is it effective?. International Journal of Pediatric Otorhinolaryngology. 2015;79;122174	3

7953	N. R. Noor, S.Pereira, E.Treszezamsky, A.Garely, A.Vardy, M.Ascher-Walsh, C., Patient Preferences for Abdominal Incisions Used for Pelvic Organ Prolapse Surgery. Female Pelvic Medicine & Reconstructive Surgery. 2015;21;348-54	2
7954	L. A. C. Martin, R.Finamore, P. S., Reoperation After Robotic and Vaginal Mesh Reconstructive Surgery: A Retrospective Cohort Study. Female Pelvic Medicine & Reconstructive Surgery. 2015;21;315-8	13
7955	G. D. Bogani, S. C.Cliby, W. A.Gostout, B. S.Kumar, S.Ghezzi, F.Multinu, F.Mariani, A., Incisional Recurrences After Endometrial Cancer Surgery. Anticancer Research. 2015;35;6097-104	2
7956	M. J. L. Jung, S. Y.Lee, S. H.Kang, C. M.Lee, W. J., Single-Site Robotic Cholecystectomy: Reverse-Port Technique. Medicine. 2015;94;e1871	3
7957	A. T. Segaert, K.Van Trappen, P.Peeters, F.Leunen, K.Goffin, F.Vergote, I., Robot-Assisted Radical Hysterectomy in Cervical Carcinoma: The Belgian Experience. International Journal of Gynecological Cancer. 2015;25;1690-6	3
7958	H. G. M. Bezerra, E.W. Vetrovec GA. Costa MWeisz, G., Longitudinal Geographic Miss (LGM) in Robotic Assisted Versus Manual Percutaneous Coronary Interventions. Journal of Interventional Cardiology. 2015;28;449-55	12
7959	L. E. Y. Harrison, A.Patel, J.Itskovich, A.Lee, B.Korst, R., Robotic gastrectomy and esophagogastrectomy: A single center experience of 105 cases. Journal of Surgical Oncology. 2015;112;888-93	3
7960	J. J. Desiderio, Z. W.Nguyen, N. T.Zhang, S.Reim, D.Alimoglu, O.Azagra, J. S.Yu, P. W.Coburn, N. G.Qi, F.Jackson, P. G.Zang, L.Brower, S. T.Kurokawa, Y.Facy, O.Tsujimoto, H.Coratti, A.Annecchiarico, M.Bazzocchi, F.Avanzolini, A.Gagniere, J.Pezet, D.Cianchi, F.Badii, B.Novotny, A.Eren, T.Leblebici, M.Goergen, M.Zhang, B.Zhao, Y. L.Liu, T.Al-Refaie, W.Ma, J.Takiguchi, S.Lequeu, J. B.Trastulli, S.Parisi, A., Robotic, laparoscopic and open surgery for gastric cancer compared on surgical, clinical and oncological outcomes: a multi-institutional chart review. A study protocol of the International study group on Minimally Invasive surgery for GASTRIc Cancer-IMIGASTRIC. BMJ Open. 2015;5;e008198	8
7961	G. V. T. Hoste, P., Robotic hysterectomy using the Vessel Sealer for myomatous uteri: technique and clinical outcome. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2015;194;241-4	3
7962	N. A. de'Angelis, S.Renda, A.Azoulay, D.Brunetti, F., Initial experience of robotic versus laparoscopic colectomy for transverse colon cancer: a matched case-control study. World Journal of Surgical Oncology. 2015;13;295	12
7963	R. V. S. Smith, B. A.Garg, M.Haigentz, M., The impact of transoral robotic surgery on the overall treatment of oropharyngeal cancer patients. Laryngoscope. 2015;125 Suppl 10;S1-S15	3
7964	R. S. Eitan, G.Krissi, H.Raban, O.Ben-Haroush, A.Goldschmit, C.Levavi, H.Peled, Y., Robotic blue-dye sentinel lymph node detection for endometrial cancer - Factors predicting successful mapping. European Journal of Surgical Oncology. 2015;41;1659-63	3
7965	A. J. Ganpule, A.Singh, A.Mishra, S.Sabnis, R.Desai, M., Robotic versus conventional laparoscopic pyeloplasty in children less than 20 kg by weight: single-center experience. World Journal of Urology. 2015;33;1867-73	13
7966	E. A. Gorgun, E.Gurland, B.Costedio, M. M., Case-matched Comparison of Robotic Versus Laparoscopic Colorectal Surgery: Initial Institutional Experience. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2015;25;e148-51	12

7967	M. R. Broholm, J., Surgical Residents are Excluded From Robot-assisted Surgery. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2015;25;449-50	5
7968	C. M. J. Song, Y. B.Bang, H. S.Kim, K. R.Kim, H.Tae, K., Postoperative Pain After Robotic Thyroidectomy by a Gasless Unilateral Axillo-Breast or Axillary Approach. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2015;25;478-82	3
7969	H. A. Logigan, I.Pop, C. D.Muresan, M.Crisan, N.Coman, I., Robotic-assisted radical prostatectomy - the 5-year Romanian experience. Journal of B.U.On.. 2015;20;1068-73	3
7970	C. C. Hortman, S., Positioning Considerations in Robotic Surgery. AORN Journal. 2015;102;434-9; quiz 440	8
7971	S. M. Peterson, A.Nelson, B.Roland, P., Robotic Surgery Training in an OB/GYN Residency Program: A Survey Investigating the Optimal Training and Credentialing of OB/GYN Residents. Connecticut Medicine. 2015;79;395-9	5
7972	J. R. L. de Almeida, R.Magnuson, J. S.Smith, R. V.Moore, E.Lawson, G.Remacle, M.Ganly, I.Kraus, D. H.Teng, M. S.Miles, B. A.White, H.Duvvuri, U.Ferris, R. L.Mehta, V.Kiyosaki, K.Damrose, E. J.Wang, S. J.Kupferman, M. E.Koh, Y. W.Genden, E. M.Holsinger, F. C., Oncologic Outcomes After Transoral Robotic Surgery: A Multi-institutional Study. JAMA Otolaryngology-- Head & Neck Surgery. 2015;141;1043-1051	3
7973	D. C. Chalmers, A.Haddock, P.Staff, I.Wagner, J., Are Preexisting Retinal and Central Nervous System-Related Comorbidities Risk Factors for Complications Following Robotic-Assisted Laparoscopic Prostatectomy?. International Braz J Urol. 2015;41;661-8	3
7974	K. S. K. Han, C. S., Effect of Pubovesical Complex Reconstruction During Robot-Assisted Laparoscopic Prostatectomy on the Recovery of Urinary Continence. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;814-20	3
7975	T. W. Zhang, X.Huo, Z.Wen, C.Wu, Z.Jin, J.Cheng, D.Chen, H.Deng, X.Shen, B.Peng, C., Robot-Assisted Middle Pancreatectomy for Elderly Patients: Our Initial Experience. Medical Science Monitor. 2015;21;2851-60	3
7976	L. D. Elson, J.Illgen, R.Marchand, R. C.Padgett, D. E.Bragdon, C. R.Malchau, H., Precision of acetabular cup placement in robotic integrated total hip arthroplasty. Hip International. 2015;25;531-6	2
7977	Y. J. Liu, W. B.Wang, H. G.Luo, Y.Wang, X. Q.Lv, S. C.Dong, J. H., Robotic spleen-preserving laparoscopic distal pancreatectomy: a single-centered Chinese experience. World Journal of Surgical Oncology. 2015;13;275	3
7978	H. I. Tachibana, S.Kondo, T.Fukuda, H.Takagi, T.Iizuka, J.Hashimoto, Y.Tanabe, K., Possible impact of continuous drainage after minimally invasive partial nephrectomy. International Urology & Nephrology. 2015;47;1763-9	3
7979	Y. K. Kakeji, D.Nakamura, T.Suzuki, S.Yamamoto, M.Kanaji, S.Imanishi, T.Tanaka, K., Ultrasonic shears assistance can shorten the console time in robotic gastrectomy for early gastric cancer. BMC Research Notes. 2015;8;443	3
7980	J. K. G. Chan, A. B.Taylor, K.Thompson, C. A.Blansit, K.Yu, X.Kapp, D. S., Robotic versus laparoscopic versus open surgery in morbidly obese endometrial cancer patients - a comparative analysis of total charges and complication rates. Gynecologic Oncology. 2015;139;300-5	13
7981	J. P. Pokki, J.Ergeneman, O.Torun, H.Guerrero, M.Pellicer, E.Sort, J.Pane, S.Nelson, B. J., Mobility-Enhancing Coatings for Vitreoretinal Surgical Devices: Hydrophilic and Enzymatic Coatings Investigated by Microrheology. Acs Applied Materials & Interfaces. 2015;7;22018-28	2

7982	S. L. Jiang, J.Yang, Z.Dai, J.Yu, Y., Design, analysis and control of a novel tendon-driven magnetic resonance-guided robotic system for minimally invasive breast surgery. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2015;229;652-69	2
7983	A. S. Singh, A.Soni, S., Extension of D-H parameter method to hybrid manipulators used in robot-assisted surgery. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2015;229;703-12	5
7984	D. K. J. Kim, Y.Lee, J.Hong, H.Kim, K. H.Shin, T. Y.Jung, D. C.Choi, Y. D.Rha, K. H., Two-year analysis for predicting renal function and contralateral hypertrophy after robot-assisted partial nephrectomy: A three-dimensional segmentation technology study. International Journal of Urology. 2015;22;1105-11	3
7985	E. O. Gezginci, O.Yalcin, S.Akin, Y.Rassweiler, J.Gozen, A. S., Postoperative pain and neuromuscular complications associated with patient positioning after robotic assisted laparoscopic radical prostatectomy: a retrospective non-placebo and non-randomized study. International Urology & Nephrology. 2015;47;1635-41	3
7986	J. D. Sarmanian, Robot-Assisted Thoracic Surgery (RATS): Perioperative Nursing Professional Development Program. AORN Journal. 2015;102;241-53	5
7987	J. P. Tan, P.Wong, T.Poopalalingam, R., A novel airway management technique for nasal surgery following transoral robotic surgery for patients with obstructive sleep apnea. Canadian Journal of Anaesthesia. 2015;62;1350-2	5
7988	Y. C. K. Yoo, N. Y.Shin, S.Choi, Y. D.Hong, J. H.Kim, C. Y.Park, H.Bai, S. J., The Intraocular Pressure under Deep versus Moderate Neuromuscular Blockade during Low-Pressure Robot Assisted Laparoscopic Radical Prostatectomy in a Randomized Trial. PLoS ONE [Electronic Resource]. 2015;10;e0135412	3
7989	J. Pasternak, Robot-assisted needle insertion for venous catheterization. Einstein. 2015;13;475-6	5
7990	T. T. Kondo, T.Morita, S.Omae, K.Hashimoto, Y.Kobayashi, H.Iizuka, J.Yoshida, K.Fukuda, N.Tanabe, K., Early unclamping might reduce the risk of renal artery pseudoaneurysm after robot-assisted laparoscopic partial nephrectomy. International Journal of Urology. 2015;22;1096-102	3
7991	B. J. C. Linder, G. K.Elliott, D. S., Long-term quality of life outcomes and retreatment rates after robotic sacrocolpopexy. International Journal of Urology. 2015;22;1155-8	3
7992	D. A. M. Murphy, E.Binongo, J.Miller, J. S.Macheers, S. K.Sarin, E. L.Herzog, A. M.Thourani, V. H.Guyton, R. A.Halkos, M. E., The Expanding Role of Endoscopic Robotics in Mitral Valve Surgery: 1,257 Consecutive Procedures. Annals of Thoracic Surgery. 2015;100;1675-81; discussion 1681-2	3
7993	J. A. H.-L. Sanchez-Duran, J. A.Castellanos-Ramos, J.Oballe-Peinado, O.Vidal-Verdu, F., Influence of Errors in Tactile Sensors on Some High Level Parameters Used for Manipulation with Robotic Hands. Sensors. 2015;15;20409-35	2
7994	Z. L. Liu, X.Li, W.Yang, Y.Tao, Y.Yao, Y., Robotic nerve-sparing radical hysterectomy for locally advanced cervical cancer after neoadjuvant chemotherapy. International Journal of Gynaecology & Obstetrics. 2015;131;152-5	3
7995	S. J. K. Lim, K. R.Park, C. W.Moon, Y. W.Park, Y. S., Robot-assisted primary cementless total hip arthroplasty with a short femoral stem: a prospective randomized short-term outcome study. Computer Aided Surgery. 2015;20;15128	12
7996	B. M. Schatlo, R.Alaid, A.von Eckardstein, K.Akhavan-Sigari, R.Hahn, A.Stockhammer, F.Rohde, V., Unskilled unawareness and the learning curve in robotic spine surgery. Acta Neurochirurgica. 2015;157;1819-23; discussion 1823	5
7997	B. G. R. Domb, J. M.Louis, S. S.Alden, K. J.Daley, R. J.LaReau, J. M.Petrakos, A. E.Gui, C.Suarez-Ahedo, C., Accuracy of Component Positioning in 1980 Total Hip Arthroplasties: A Comparative Analysis by Surgical Technique and Mode of Guidance. Journal of Arthroplasty. 2015;30;2208-18	5

7998	D. C. Lee, S. K.Park, J.Shim, M.Kim, A.Lee, S.Song, C.Ahn, H., Comparative analysis of oncologic outcomes for open vs. robot-assisted radical prostatectomy in high-risk prostate cancer. Korean Journal of Urology. 2015;56;572-9	12
7999	G. R. Fantola, N.Brunaud, L., Robotic-assisted laparoscopic bilio-pancreatic bypass with duodenal switch. Journal of visceral surgery. 2015;152;251-6	5
8000	W. W. G. Ludwig, M. A.Ball, M. W.Schaeffer, E. M.Han, M.Allaf, M. E., Instrument Life for Robot-assisted Laparoscopic Radical Prostatectomy and Partial Nephrectomy: Are Ten Lives for Most Instruments Justified?. Urology. 2015;86;942-5	1
8001	H. B. Fornalik, H.Moore, E. S.Flanders, N. L.Callahan, M. J.Sutton, G. P., Hand-Assisted Robotic Surgery for Staging of Ovarian Cancer and Uterine Cancers With High Risk of Peritoneal Spread: A Retrospective Cohort Study. International Journal of Gynecological Cancer. 2015;25;1488-93	12
8002	F. L. Narducci, E.Mautone, D.Hudry, D.Bresson, L.Leblanc, E., Extraperitoneal Para-aortic Lymphadenectomy by Robot-Assisted Laparoscopy in Gynecologic Oncology: Preliminary Experience and Advantages and Limitations. International Journal of Gynecological Cancer. 2015;25;1494-502	3
8003	A. C. G. Calaway, G. N.Bhandar, A.Eun, D.Boris, R. S., Robot-assisted renal tumor enucleo-resection in patients with a solitary kidney. Canadian Journal of Urology. 2015;22;7907-13	3
8004	H. B. Seo, J. Y.Oh, J.Choi, W. J.Song, J. G.Hwang, G. S., Effect of Tracheal Cuff Shape on Intracuff Pressure Change During Robot-Assisted Laparoscopic Surgery: The Tapered-Shaped Cuff Tube Versus the Cylindrical-Shaped Cuff Tube. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;724-9	3
8005	J. W. V. Collins, H.Mottrie, A.Wiklund, P. N., Application and Integration of Live Streaming from Leading Robotic Centres Can Enhance Surgical Education. European Urology. 2015;68;747-9	2
8006	A. E. Ahmed, M.Brundl, J.Peter, J.Lebentrau, S.Brookman-May, S.Fritsche, H. M.Burger, M.May, M.Gilfrich, C., Postoperative Leukocytosis After Robotic-Assisted Radical Prostatectomy Is Not Associated with Perioperative Outcome and Histopathological Findings. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;808-13	3
8007	K. A. S. Guru, S. B.Khan, A.Hussein, A. A.Sharif, M.Esfahani, E. T., Understanding Cognitive Performance During Robot-Assisted Surgery. Urology. 2015;86;751-7	3
8008	A. R. Gupta, J. M.Hammarstedt, J. E.Petrakos, A. E.Vemula, S. P.Domb, B. G., Does Robotic-Assisted Computer Navigation Affect Acetabular Cup Positioning in Total Hip Arthroplasty in the Obese Patient? A Comparison Study. Journal of Arthroplasty. 2015;30;111217	3
8009	S. V. V. K. Patel, J. A.Howe, B.Wexner, S. D., Spin Is Common in Studies Assessing Robotic Colorectal Surgery: An Assessment of Reporting and Interpretation of Study Results. Diseases of the Colon & Rectum. 2015;58;878-84	5
8010	C. M. Vicini, F.D'Agostino, G.D. E. Vito AMeccariello, G., A novel approach emphasising intra-operative superficial margin enhancement of head-neck tumours with narrow-band imaging in transoral robotic surgery. Acta Otorhinolaryngologica Italica. 2015;35;157-61	3
8011	L. G. Morelli, S.Mariniello, M. D.Furbetta, N.Pisano, R.D'Isidoro, C.Caprili, G.Marciano, E.Di Candio, G.Boggi, U.Mosca, F., Hand-assisted hybrid laparoscopic-robotic total proctocolectomy with ileal pouch--anal anastomosis. Langenbecks Archives of Surgery. 2015;400;741-8	3
8012	S. F. H. Herling, M. C.Palle, C.Moller, A. M.Thomsen, T., Robotic-assisted laparoscopic hysterectomy seems safe in women with early-stage endometrial cancer. Danish Medical Journal. 2015;62;A5109	3

8013	T. P. Manchana, P.Sirisabya, N.Worasethsin, P.Vasuratna, A.Termrungruanglert, W.Tresukosol, D., Comparison of Perioperative and Oncologic Outcomes with Laparotomy, and Laparoscopic or Robotic Surgery for Women with Endometrial Cancer. Asian Pacific Journal of Cancer Prevention: Apjcp. 2015;16;1308878	13
8014	M. Y. Mori, T.Ohira, M.Yagi, M.Sakata, K.Konno, T.Kawashiri, M. A.Tomita, S.Watanabe, G.Iino, K.Takemura, H.Yamagishi, M.Hayashi, K., Impact of real-time three-dimensional transesophageal echocardiography on procedural success for mitral valve repair. Journal of Echocardiography. 2015;13;100-6	2
8015	B. P. Geppert, J., Robotic infrarenal paraaortic and pelvic nodal staging for endometrial cancer: feasibility and lymphatic complications. Acta Obstetricia et Gynecologica Scandinavica. 2015;94;1074-81	3
8016	H. R. C. Nolan, D. B., 3rdAshley, D. W., Comparison of Attending and Resident Surgeons' Opinions of Robotic Surgery Training in General Surgery Residency. American Surgeon. 2015;81;303-5	10
8017	M. E. Akand, T.Avci, E.Ates, M., Transperitoneal versus extraperitoneal robot-assisted laparoscopic radical prostatectomy: A prospective single surgeon randomized comparative study. International Journal of Urology. 2015;22;916-21	3
8018	N. S. Shrivastava, P.Seth, A.Dogra, P. N.Kumar, R., Device Malfunction with the da Vinci S Surgical System and Impact on Surgical Procedures: Could Device Aging be Responsible?. European Urology. 2015;68;914-5	8
8019	F. P. Roviello, R.Ferrara, F.Scheiterle, M.De Franco, L.Marrelli, D., Robotic single docking total colectomy for ulcerative colitis: First experience with a novel technique. International Journal Of Surgery. 2015;21;23193	5
8020	J. S. C. Park, J. W.Choi, S. B.Kim, D. W.Kim, Y. T.Kim, S. W.Nam, E. J.Cho, H. Y., Exposure of Surgeons to Magnetic Fields during Laparoscopic and Robotic Gynecologic Surgeries. Journal of Minimally Invasive Gynecology. 2015;22;1247-51	1
8021	A. M. Pai, S. J.Park, J. J.Melich, G.Sulo, S.Prasad, L. M., Oncologic and Clinicopathologic Outcomes of Robot-Assisted Total Mesorectal Excision for Rectal Cancer. Diseases of the Colon & Rectum. 2015;58;659-67	3
8022	A. C. W. Weinberg, S. L.Wen, T.Deibert, C. M.Korets, R.Badani, K. K., Utilization and perioperative complications of laparoscopic cryoablation vs. robotic partial nephrectomy for localized renal tumors. International Braz J Urol. 2015;41;473-85	13
8023	F. C. Dal Moro, A.Valotto, C.Guttilla, A.Soncin, R.Mangano, A.Zattoni, F., Anesthesiologic effects of transperitoneal versus extraperitoneal approach during robot-assisted radical prostatectomy: results of a prospective randomized study. International Braz J Urol. 2015;41;466-72	3
8024	T. J. Y. Kim, G.Lee, Y. Y.Choi, C. H.Lee, J. W.Bae, D. S.Kim, B. G., Robotic high para-aortic lymph node dissection with high port placement using same port for pelvic surgery in gynecologic cancer patients. Journal of Gynecologic Oncology. 2015;26;222-6	3
8025	G. M. Mercante, A.Sperduti, I.Cristalli, G.Pellini, R.Spriano, G., Quality of life and functional evaluation in patients with tongue base tumors treated exclusively with transoral robotic surgery: A 1-year follow-up study. Journal of Cranio-Maxillo-Facial Surgery. 2015;43;1561-6	3
8026	R. G. Arms, 3rdSun, C. C.Burzawa, J. K.Fleming, N. D.Nick, A. M.Rallapalli, V.Westin, S. N.Meyer, L. A.Ramirez, P. T.Soliman, P. T., Improvement in quality of life after robotic surgery results in patient satisfaction. Gynecologic Oncology. 2015;138;727-30	3
8027	A. C. A. Goh, M. A.Mercado, M. A.Hung, A. J.Pan, M. M.Desai, M. M.Gill, I. S.Dunkin, B. J., Multi-Institutional Validation of Fundamental Inanimate Robotic Skills Tasks. Journal of Urology. 2015;194;1751-6	2

8028	V. K. Agrawal, V.Bendana, E.Joseph, J.Rashid, H.Wu, G., Robot-assisted Laparoscopic Repair of Vesicovaginal Fistula: A Single-center Experience. Urology. 2015;86;276-81	3
8029	A. A. K. Aboumohamed, L. S.Hemal, A. K., Oncologic Outcomes Following Robot-Assisted Laparoscopic Nephroureterectomy with Bladder Cuff Excision for Upper Tract Urothelial Carcinoma. Journal of Urology. 2015;194;1561-6	3
8030	M. W. Yang, Y.Wang, G.Xiao, C.Zhang, H.Gao, C., Robotic Total Arterial Off-Pump Coronary Artery Bypass Grafting: Seven-Year Single-Center Experience and Long-Term Follow-Up of Graft Patency. Annals of Thoracic Surgery. 2015;100;1367-73	3
8031	M. V. L. Silva, A. C.Finkelstein, J. B.Van Batavia, J. P.Casale, P., Is peri-operative urethral catheter drainage enough? The case for stentless pediatric robotic pyeloplasty. Journal of pediatric urology. 2015;11;175.e1-5	3
8032	M. Z. T. Afzal, C. M.Bulica, E.Noyes, S. L.Lane, B. R., Modification of Technique for Suprapubic Catheter Placement After Robot-assisted Radical Prostatectomy Reduces Catheter-associated Complications. Urology. 2015;86;401-6	3
8033	A. C.-S. Zakhari, N.Spence, A. R.Gotlieb, W. H.Abenhaim, H. A., Laparoscopic and robot-assisted hysterectomy for uterine cancer: a comparison of costs and complications. American Journal of Obstetrics & Gynecology. 2015;213;665.e1-7	13
8034	P. C. Murthy, J. A.Selig, R. B.Gundeti, M. S., Robot-assisted Laparoscopic Augmentation Ileocystoplasty and Mitrofanoff Appendicovesicostomy in Children: Updated Interim Results. European Urology. 2015;68;1069-75	3
8035	S. H. Zuo, M.Seneci, C.Chang, T. P.Yang, G. Z., Toward Intraoperative Breast Endomicroscopy With a Novel Surface-Scanning Device. IEEE Transactions on Biomedical Engineering. 2015;62;2941-52	2
8036	B. K. Vrooman, L.Sarwar, S.Mascha, E. J.Mihaljevic, T.Gillinov, M.Qavi, S.Sessler, D. I., Lidocaine 5% Patch for Treatment of Acute Pain After Robotic Cardiac Surgery and Prevention of Persistent Incisional Pain: A Randomized, Placebo-Controlled, Double-Blind Trial. Pain Medicine. 2015;16;1610-21	3
8037	N. Y. Haga, T.Yabe, M.Akaihata, H.Hata, J.Sato, Y.Ogawa, S.Ishibashi, K.Kojima, Y., Timing of Urinary Pad Exchanges Was the Most Important Factor Affecting Quality of Life in the Early Postoperative Period After Robot-Assisted Laparoscopic Radical Prostatectomy. Journal of Endourology. 2015;29;1044-51	3
8038	P. J. H. Chung, R.Policastro, L.Lee, R.Schwartzman, A.Alfonso, A.Sugiyama, G., Single-Site Robotic Cholecystectomy at an Inner-City Academic Center. Journal of the Society of Laparoendoscopic Surgeons. 2015;19;Jul-Sep	12
8039	L. A. Rudmik, W.Livingstone, D.Matthews, W.Seikaly, H.Scrimger, R.Marshall, D., Making a case for high-volume robotic surgery centers: A cost-effectiveness analysis of transoral robotic surgery. Journal of Surgical Oncology. 2015;112;155-63	5
8040	T. J. S. Mondzelewski, J. W.Christman, M. S.Davis, K. D.Lujan, E.L'Esperance, J. O.Auge, B. K., Intraocular Pressure During Robotic-assisted Laparoscopic Procedures Utilizing Steep Trendelenburg Positioning. Journal of Glaucoma. 2015;24;399-404	3
8041	F. H. Imkamp, T. R.Tolkach, Y.Dziuba, S.Stolzenburg, J. U.Rassweiler, J.Sulser, T.Zimmermann, U.Merseburger, A. S.Kuczyk, M. A.Burchardt, M., Acceptance, Prevalence and Indications for Robot-Assisted Laparoscopy - Results of a Survey Among Urologists in Germany, Austria and Switzerland. Urologia Internationalis. 2015;95;336-45	3

8042	N. G. C. Lee, S. T.Cobb, K.Bailey, G. C.Burns, A. S.Peters, C. A., Bi-Institutional Comparison of Robot-Assisted Laparoscopic Versus Open Ureteroureterostomy in the Pediatric Population. Journal of Endourology. 2015;29;1237-41	13
8043	M. A. C. Adam, K.Dinan, M. A.Reed, S. D.Scheri, R. P.Blazer, D. G., 3rdRoman, S. A.Sosa, J. A., Minimally Invasive Versus Open Pancreaticoduodenectomy for Cancer: Practice Patterns and Short-term Outcomes Among 7061 Patients. Annals of Surgery. 2015;262;372-7	4
8044	M. A. C. Adam, K.Goffredo, P.Reed, S. D.Blazer, D., 3rdRoman, S. A.Sosa, J. A., Minimally Invasive Distal Pancreatectomy for Cancer: Short-Term Oncologic Outcomes in 1,733 Patients. World Journal of Surgery. 2015;39;2564-72	12
8045	S. H. Wiener, P.Shichman, S.Dorin, R., Construction of a Urologic Robotic Surgery Training Curriculum: How Many Simulator Sessions Are Required for Residents to Achieve Proficiency?. Journal of Endourology. 2015;29;1289-93	5
8046	S. R.-A. Bibi, A. A.Coralic, J.Bayoumi, M.Khorsand, J.Farkas, D. T.Prasad, L. M., Single-Site Robotic Cholecystectomy: The Timeline of Progress. World Journal of Surgery. 2015;39;2386-91	3
8047	A. F. Cestari, M.Ghezzi, M.Sangalli, M.Zanoni, M.Fabbri, F.Sozzi, F.Lolli, C.Dell'Acqua, V.Rigatti, P., Retropubic Intracorporeal Placement of a Suburethral Autologous Sling During Robot-Assisted Radical Prostatectomy to Improve Early Urinary Continence Recovery: Preliminary Data. Journal of Endourology. 2015;29;1379-85	3
8048	M. N. A. Patel, A.Hemal, A., Does transition from the da Vinci Si to Xi robotic platform impact single-docking technique for robot-assisted laparoscopic nephroureterectomy?. BJU International. 2015;116;990-4	5
8049	F. S. Abdollah, A.Sammon, J. D.Hsu, L.Beyer, B.Moschini, M.Gandaglia, G.Rogers, C. G.Haese, A.Montorsi, F.Graefen, M.Briganti, A.Menon, M., Long-term cancer control outcomes in patients with clinically high-risk prostate cancer treated with robot-assisted radical prostatectomy: results from a multi-institutional study of 1100 patients. European Urology. 2015;68;497-505	3
8050	C. I. Zaouter, J.Labrousse, L.Abdelmoumen, Y.Coiffic, A.Colonna, G.Jansens, J. L.Ouattara, A., Association of Robotic Totally Endoscopic Coronary Artery Bypass Graft Surgery Associated With a Preliminary Cardiac Enhanced Recovery After Surgery Program: A Retrospective Analysis. Journal of Cardiothoracic & Vascular Anesthesia. 2015;29;1489-97	3
8051	A. D. Parisi, J.Trastulli, S.Cirocchi, R.Renzi, C.Boselli, C.De Santis, F.Petrina, A.Annecchiarico, M.Di Marino, M.Bencini, L.Perna, F.Pironi, D.Santoro, A.Coratti, A., Robotic pylorus-preserving pancreaticoduodenectomy: Technical considerations. International Journal Of Surgery. 2015;21 Suppl 1;S59-63	5
8052	A. P. Hodari, K. U.Lace, B.Tsiouris, A.Hammoud, Z., Robot-Assisted Minimally Invasive Ivor Lewis Esophagectomy With Real-Time Perfusion Assessment. Annals of Thoracic Surgery. 2015;100;947-52	3
8053	J. C. G.-T. Angulo, A.Mateo, E.Gimbernat, H.Redondo, C.Andres, G., Two-Port Approach Compared to Standard Laparoscopic Radical Cystectomy. Journal of Endourology. 2015;29;1030-7	2
8054	M. A. M. Vitrani, A.Iordache, R. Z.Muller, S.Morel, G., Robot guidance of an ultrasound probe toward a 3D region of interest detected through X-ray mammography. International Journal of Computer Assisted Radiology & Surgery. 2015;10;1893-903	2

8055	L. B. Rossi, S.Aluwini, S.Heijmen, B., Noncoplanar Beam Angle Class Solutions to Replace Time-Consuming Patient-Specific Beam Angle Optimization in Robotic Prostate Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology, Biology, Physics. 2015;92;762-70	2
8056	F. G. Zattoni, A.Crestani, A.De Gobbi, A.Cattaneo, F.Moschini, M.Vianello, F.Valotto, C.Dal Moro, F.Zattoni, F., The Value of Open Conversion Simulations During Robot-Assisted Radical Prostatectomy: Implications for Robotic Training Curricula. Journal of Endourology. 2015;29;1282-8	5
8057	C. C. Lebeis, D.Sorcini, A.Moinzadeh, A., Novel Technique Prevents Lymphoceles After Transperitoneal Robotic-assisted Pelvic Lymph Node Dissection: Peritoneal Flap Interposition. Urology. 2015;85;1505-9	3
8058	P. H. Marino, G.Narducci, F.Boyer-Chammard, A.Ferron, G.Uzan, C.Bats, A. S.Mathevet, P.Dessogne, P.Guyon, F.Rouanet, P.Jaffre, I.Carcopino, X.Perez, T.Lambaudie, E., Cost-Effectiveness of Conventional vs Robotic-Assisted Laparoscopy in Gynecologic Oncologic Indications. International Journal of Gynecological Cancer. 2015;25;1102-8	5
8059	M. A. R. Vieira, G. J.Munsell, M.Echeverri, L.Frumovitz, M.Schmeler, K. M.Pareja, R.Escobar, P. F.Reis, R. D.Ramirez, P. T., Radical trachelectomy in early-stage cervical cancer: A comparison of laparotomy and minimally invasive surgery. Gynecologic Oncology. 2015;138;585-9	4
8060	S. S. Choussein, S. S.Farland, L. V.Gargiulo, A. R., Flexible Carbon Dioxide Laser Fiber Versus Ultrasonic Scalpel in Robot-Assisted Laparoscopic Myomectomy. Journal of Minimally Invasive Gynecology. 2015;22;1183-90	3
8061	C. W. Y. Huang, Y. S.Ma, C. J.Choy, T. K.Huang, M. Y.Huang, C. M.Tsai, H. L.Hsu, W. H.Wang, J. Y., Robotic colorectal surgery for laparoscopic surgeons with limited experience: preliminary experiences for 40 consecutive cases at a single medical center. BMC Surgery. 2015;15;73	3
8062	F. P. Yanagawa, M.Bell, T.Grim, R.Martin, J.Ahuja, V., Critical Outcomes in Nonrobotic vs Robotic-Assisted Cardiac Surgery. JAMA Surgery. 2015;150;771-7	12
8063	W. S. W. Duke, J. R.Waller, J. L.Terris, D. J., Six-Year Experience With Endoscopic Thyroidectomy: Outcomes and Safety Profile. Annals of Otology, Rhinology & Laryngology. 2015;124;915-20	2
8064	D. G. Skarecky, A.Babaian, K. N.Dhaliwal, H.Morales, B.Ahlering, T. E., Analysis of Improved Urinary Peak Flow Rates After Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2015;29;1152-8	3
8065	H. I. R. Channir, N.Nielsen, H. U.Kiss, K.Charabi, B. W.Lajer, C. B.von Buchwald, C., Transoral robotic surgery for the management of head and neck squamous cell carcinoma of unknown primary. Acta Oto-Laryngologica. 2015;135;1051-7	3
8066	R. T. Satkunasivam, S.Syan, S.Bernhard, J. C.de Castro Abreu, A. L.Chopra, S.Berger, A. K.Lee, D.Hung, A. J.Cai, J.Desai, M. M.Gill, I. S., Robotic unclamped "minimal-margin" partial nephrectomy: ongoing refinement of the anatomic zero-ischemia concept. European Urology. 2015;68;705-12	3
8067	A. D. Pellegrino, G. R.Trio, C.Faccioli, P.Croce, P.Tagliabue, F.Dainese, E., Robotic Shaving Technique in 25 Patients Affected by Deep Infiltrating Endometriosis of the Rectovaginal Space. Journal of Minimally Invasive Gynecology. 2015;22;1287-92	2
8068	T. S. Catanzarite, S.Pilecki, M. A.Kim, J. Y.Milad, M. P., Longer Operative Time During Benign Laparoscopic and Robotic Hysterectomy Is Associated With Increased 30-Day Perioperative Complications. Journal of Minimally Invasive Gynecology. 2015;22;1049-58	13
8069	I. D. Faiena, V. Y.Modi, P. K.Patel, N.Patel, R.Salmasi, A. H.Parihar, J. S.Singer, E. A.Kim, I. Y., Regional Cost Variations of Robot-Assisted Radical Prostatectomy Compared With Open Radical Prostatectomy. Clinical Genitourinary Cancer. 2015;13;447-52	4

8070	A. D. Prabhakar, B. L.Kaye, A. D.Feltmate, C. M.Urman, R. D., Concepts in creating an evidence-based anesthetic protocol for robot-assisted laparoscopic pelvic surgery. Journal of Medical Practice Management. 2015;30;18-23	5
8071	A. M. K. Hinson, E.O'Brien, S.Spencer, H. J.Bodenner, D. L.Hohmann, S. F.Stack, B. C., Jr., Trends in Robotic Thyroid Surgery in the United States from 2009 Through 2013. Thyroid. 2015;25;919-26	5
8072	L. W. K. White, T. M.Dockter, R. L.Comstock, B.Hannaford, B.Lendvay, T. S., Crowd-Sourced Assessment of Technical Skill: A Valid Method for Discriminating Basic Robotic Surgery Skills. Journal of Endourology. 2015;29;1295-301	5
8073	J. D. Hutchins, D.Vogel, R. I.Ghebre, R. G.Downs, L. S., Jr.Carson, L.Mullany, S.Teoh, D.Geller, M. A., Ultrasound guided subcostal transversus abdominis plane (TAP) infiltration with liposomal bupivacaine for patients undergoing robotic assisted hysterectomy: A prospective randomized controlled study. Gynecologic Oncology. 2015;138;609-13	3
8074	R. K. C. Elmallah, J. J.Jauregui, J. J.Padden, D. A.Harwin, S. F.Mont, M. A., Robotic-Arm Assisted Surgery in Total Hip Arthroplasty. Surgical Technology International. 2015;26;283-8	5
8075	D. I. H. Avery, K. W.Lendvay, T. S.Noh, P. H.Dangle, P.Gundeti, M. S.Steele, M. C.Corbett, S. T.Peters, C. A.Kim, C., Robot-assisted laparoscopic pyeloplasty: Multi-institutional experience in infants. Journal of pediatric urology. 2015;11;139.e1-5	3
8076	C. W. B. Kim, S. H.Roh, Y. H.Kang, J.Hur, H.Min, B. S.Lee, K. Y.Kim, N. K., Cost-effectiveness of robotic surgery for rectal cancer focusing on short-term outcomes: a propensity score-matching analysis. Medicine. 2015;94;e823	5
8077	B. E. S. Lee, M.Rutledge, J. R.Korst, R. J., Nodal Upstaging in Robotic and Video Assisted Thoracic Surgery Lobectomy for Clinical N0 Lung Cancer. Annals of Thoracic Surgery. 2015;100;229-33; discussion 233-4	3
8078	M. Z. Khreiss, M.Clifford, A.Lee, K. K.Hogg, M. E.Slivka, A.Chennat, J.Gelrud, A.Zeh, H. J.Papachristou, G. I.Zureikat, A. H., Cyst Gastrostomy and Necrosectomy for the Management of Sterile Walled-Off Pancreatic Necrosis: a Comparison of Minimally Invasive Surgical and Endoscopic Outcomes at a High-Volume Pancreatic Center. Journal of Gastrointestinal Surgery. 2015;19;1441-8	4
8079	F. J. R. Backes, M.Liang, M.McCann, G. A.Clements, A.Cohn, D. E.O'Malley, D. M.Salani, R.Fowler, J. M., Robotic Hysterectomy for Endometrial Cancer in Obese Patients With Comorbidities: Evaluating Postoperative Complications. International Journal of Gynecological Cancer. 2015;25;1271-6	3
8080	J. B. C. Mahida, J. N.Herz, D.Diefenbach, K. A.Deans, K. J.Minneci, P. C.McLeod, D. J., Utilization and costs associated with robotic surgery in children. Journal of Surgical Research. 2015;199;169-76	3
8081	S. T. Ali, B. M.Schlachta, C. M., Evaluation of pilot experience with robotic-assisted proctectomy and coloanal anastomosis for rectal cancer. Canadian Journal of Surgery. 2015;58;188-92	12
8082	L. S. Alecu, O.Poesina, D.Tomulescu, V.Vasilescu, C.Popescu, I., Robotically performed total mesorectal excision for rectal cancer. Chirurgia (Bucuresti). 2015;110;137-43	3
8083	B. J. C. Linder, G. K.Hertzig, L. L.Clifton, M.Elliott, D. S., Factors associated with intraoperative conversion during robotic sacrocolpopexy. International Braz J Urol. 2015;41;319-24	3

8084	G. C. Corrado, G.Pomati, G.Mancini, E.Sperduti, I.Patrizi, L.Saltari, M.Vincenzoni, C.Baiocco, E.Vizza, E., Surgical and oncological outcome of robotic surgery compared to laparoscopic and abdominal surgery in the management of endometrial cancer. European Journal of Surgical Oncology. 2015;41;1074-81	13
8085	S. Doyle-Lindrud, Use of robotics in oncology surgery. Clinical Journal of Oncology Nursing. 2015;19;265-6	2
8086	E. F. H. Midura, D. J.Hoehn, R. S.Davis, B. R.Abbott, D. E.Shah, S. A.Paquette, I. M., The effect of surgical approach on short-term oncologic outcomes in rectal cancer surgery. Surgery. 2015;158;453-9	12
8087	S. P. Kozal, B.Cattarino, S.Seisen, T.Comperat, E.Vaessen, C.Mozer, P.Renard-Penna, R.Cussenot, O.Roupret, M.Drouin, S. J., Influence of pathological factors on oncological outcomes after robot-assisted radical prostatectomy for localized prostate cancer: Results of a prospective study. Urologic Oncology. 2015;33;330.e1-7	3
8088	F. R. Fanfani, S.Gueli Alletti, S.Fagotti, A.Monterossi, G.Rossitto, C.Costantini, B.Scambia, G., TELELAP ALF-X Robotic-assisted Laparoscopic Hysterectomy: Feasibility and Perioperative Outcomes. Journal of Minimally Invasive Gynecology. 2015;22;1011-7	3
8089	S. E. L. Wason, R. S.Given, R. W.Malcolm, J. B., Robotic-Assisted Ureteral Re-implantation: A Case Series. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;503-7	3
8090	A. H. Amir-Khalili, G.Peyrat, J. M.Abinahed, J.Al-Alao, O.Al-Ansari, A.Abugharbieh, R., Automatic segmentation of occluded vasculature via pulsatile motion analysis in endoscopic robot-assisted partial nephrectomy video. Medical Image Analysis. 2015;25;103-10	5
8091	S. A. Nausheen, N.Arifuzzaman,Muhammad, A. G.Saeed, K.Mahmood, T., Experience of CyberKnife Robotic Radiosurgery in treating intra and extra-cranial tumours: A review of outcomes. JPMA - Journal of the Pakistan Medical Association. 2015;65;374-9	3
8092	B. B. M. Lorincz, N.Busch, C. J.Munscher, A.Sehner, S.Dalchow, C. V.Knecht, R., Two-Year Survival Analysis of 50 Consecutive Head and Neck Cancer Patients Treated with Transoral Robotic Surgery in a Single European Centre. Annals of Surgical Oncology. 2015;22 Suppl 3;S1028-33	3
8093	T. B. H. Turner, A. S.Broadwater, G.Valea, F. A.Fleming, N. D.Ehrisman, J. A.Di Santo, N.Havrilesky, L. J., Postoperative Pain Scores and Narcotic Use in Robotic-assisted Versus Laparoscopic Hysterectomy for Endometrial Cancer Staging. Journal of Minimally Invasive Gynecology. 2015;22;1004-10	12
8094	A. V.-S. Koupparis, C.Weale, N.El-Mahdy, M.Gillatt, D.Rowe, E., Robot-assisted radical cystectomy with intracorporeal urinary diversion: impact on an established enhanced recovery protocol. BJU International. 2015;116;924-31	3
8095	J. E. Kim, W.Wilson, F.Su, D.Oleynikov, D.Morien, M.Chen, L. W., Disparities in the receipt of robot-assisted radical prostatectomy: between-hospital and within-hospital analysis using 2009-2011 California inpatient data. BMJ Open. 2015;5;e007409	3
8096	B. A. P. Knight, A. M.Larson, J. A.Bhayani, S. B., Comparing Expert Reported Outcomes to National Surgical Quality Improvement Program Risk Calculator-Predicted Outcomes: Do Reporting Standards Differ?. Journal of Endourology. 2015;29;1091-9	2
8097	J. K. G. Chan, A. B.Taylor, K.Blansit, K.Thompson, C. A.Brooks, R.Yu, X.Kapp, D. S., The centralization of robotic surgery in high-volume centers for endometrial cancer patients--a study of 6560 cases in the U.S. Gynecologic Oncology. 2015;138;128-32	4
8098	A. T. Amelot, S.Degos, V.Andre, O.Dionnet, A.Cornu, P.Hans, S.Chauvet, D., Anatomical features of skull base and oral cavity: a pilot study to determine the accessibility of the sella by transoral robotic-assisted surgery. Neurosurgical Review. 2015;38;723-30	7

8099	M. C. Ezelsoy, B.Bayram, M.Oral, K.Bayramoglu, Z.Sagbas, E.Aytekin, V.Akpinar, B., The Comparison between Minimally Invasive Coronary Bypass Grafting Surgery and Conventional Bypass Grafting Surgery in Proximal LAD Lesion. Heart Surgery Forum. 2015;18;E042-6	13
8100	M. A. L. Faasse, B. W.Frainey, B. T.Marcus, C. R.Szczodry, D. M.Glaser, A. P.Suresh, S.Gong, E. M., Perioperative effects of caudal and transversus abdominis plane (TAP) blocks for children undergoing urologic robot-assisted laparoscopic surgery. Journal of pediatric urology. 2015;11;121.e1-7	3
8101	J. K. Jang, H. W.So, B. R.Kim, Y. S., Experimental study on restricting the robotic end-effector inside a lesion for safe telesurgery. Minimally Invasive Therapy & Allied Technologies: Mitat. 2015;24;317-25	2
8102	B. B. B. Lorincz, C. J.Mockelmann, N.Knecht, R., Initial learning curve of single-incision transaxillary robotic hemi- and total thyroidectomy--A single team experience from Europe. International Journal Of Surgery. 2015;18;118-22	3
8103	F. K. Yazdchi, C. G.Mihaljevic, T.Hachamovitch, R.Lowry, A. M.He, J.Gillinov, A. M.Blackstone, E. H.Sabik, J. F., 3rd, Increasing Disadvantage of "Watchful Waiting" for Repairing Degenerative Mitral Valve Disease. Annals of Thoracic Surgery. 2015;99;1992-2000	2
8104	Z. W. L. Jiang, J.Wang, G.Zhao, K.Zhang, S.Li, N.Li, J. S., Esophagojejunostomy reconstruction using a robot-sewing technique during totally robotic total gastrectomy for gastric cancer. Hepato-Gastroenterology. 2015;62;323-6	3
8105	Z. B. R. Khalpey, I.Marsh, K. M.Ansari, M. Z.Bilal, J.Cooper, A.Paidy, S.Schmitto, J. D.Smith, R.Friedman, M.Slepian, M. J.Poston, R., Robotic Left Ventricular Assist Device Implantation Using Left Thoracotomy Approach in Patients with Previous Sternotomies. ASAIO Journal. 2015;61;e44-6	2
8106	T. K. Z. Nguyen, M. S.Boone, B. A.Steve, J.Hogg, M. E.Bartlett, D. L.Zeh, H. J., 3rdZureikat, A. H., Robotic pancreaticoduodenectomy in the presence of aberrant or anomalous hepatic arterial anatomy: safety and oncologic outcomes. HPB. 2015;17;594-9	3
8107	C. C. F. Passerotti, F.Bissoli, J. C.Tiseo, B.Oliveira, C. M.Buchalla, C. A.Inoue, G. N.Sencan, A.Sencan, A.do Pardo, R. R.Nguyen, H. T., Comparison of the learning curves and frustration level in performing laparoscopic and robotic training skills by experts and novices. International Urology & Nephrology. 2015;47;1075-84	5
8108	S. N. K. Yoon, K. Y.Kim, J. W.Lee, S. C.Kwon, Y. J.Cho, J. W.Jung, S. Y.Kim, B. C., Comparison of short- and long-term outcomes of an early experience with robotic and laparoscopic-assisted resection for rectal cancer. Hepato-Gastroenterology. 2015;62;12663	12
8109	M. B. Shakir, B. A.Polanco, P. M.Zenati, M. S.Hogg, M. E.Tsung, A.Choudry, H. A.Moser, A. J.Bartlett, D. L.Zeh, H. J.Zureikat, A. H., The learning curve for robotic distal pancreatectomy: an analysis of outcomes of the first 100 consecutive cases at a high-volume pancreatic centre. HPB. 2015;17;580-6	3
8110	P. H. Giataganas, M.Yang, G. Z., Force adaptive robotically assisted endomicroscopy for intraoperative tumour identification. International Journal of Computer Assisted Radiology & Surgery. 2015;10;825-32	2
8111	S. K. Puntambekar, R.Kumar, S.Joshi, S.Agarwal, G.Reddy, S.Mallik, J., Robotic transthoracic esophagectomy. BMC Surgery. 2015;15;47	3
8112	M. K. L. Frey, J. F.Stewart, L. E.Makaroun, L.Panico, V. J.Holcomb, K., Comparison of two minimally invasive approaches to endometrial cancer staging: a single-surgeon experience. Journal of Reproductive Medicine. 2015;60;127-34	12
8113	A. H. A. Al-Shareef, Y.Almouhissen, T.Rassweiler, J.Alshehri, M. S.Gozen, A. S.Teber, D., Effects of Previous Hernia Repair on Extraperitoneal Robot-Assisted Radical Prostatectomy: A Matched-Pair Analysis Study. Journal of Endourology. 2015;29;1143-7	3

8114	I. L. Diez del Val, C.McCulloch, P., The IDEAL prospective development study format for reporting surgical innovations. An illustrative case study of robotic oesophagectomy. International Journal Of Surgery. 2015;19;104-11	3
8115	E. L. Liederbach, C. M.Yao, K.Brockstein, B. E.Wang, C. H.Lutfi, W.Bhayani, M. K., A Contemporary Analysis of Surgical Trends in the Treatment of Squamous Cell Carcinoma of the Oropharynx from 1998 to 2012: A Report from the National Cancer Database. Annals of Surgical Oncology. 2015;22;4422-31	2
8116	P. K. K. Modi, Y. S.Patel, N.Dinizo, M.Farber, N.Zhao, P. T.Salmasi, A.Parihar, J.Ginsberg, S.Ha, Y. S.Kim, I. Y., Safety of Robot-Assisted Radical Prostatectomy with Pneumoperitoneum of 20 mm Hg: A Study of 751 Patients. Journal of Endourology. 2015;29;1148-51	3
8117	S. M. Chopra, C.de Castro Abreu, A. L.Azhar, R. A.Satkunasivam, R.Desai, M.Aron, M.Gill, I.Berger, A. K., Port Placement and Docking for Robotic Surgery: The University of Southern California Approach. Journal of Endourology. 2015;29;868-72	5
8118	R. C. S. Chiffer, R. J.Keenan, B. T.Borek, R. C.Thaler, E. R., Volumetric MRI analysis pre- and post-Transoral robotic surgery for obstructive sleep apnea. Laryngoscope. 2015;125;1988-95	3
8119	V. S. Jones, Robotic-assisted single-site cholecystectomy in children. Journal of Pediatric Surgery. 2015;50;1842-5	3
8120	M. N. Pokorny, G.Geurts, N.Dovey, Z.De Groote, R.Ploumidis, A.Schatteman, P.de Naeyer, G.Mottrie, A., Robot-assisted simple prostatectomy for treatment of lower urinary tract symptoms secondary to benign prostatic enlargement: surgical technique and outcomes in a high-volume robotic centre. European Urology. 2015;68;451-7	3
8121	P. I. Bove, V.Celestino, F.De Carlo, F.Vespasiani, G.Finazzi Agro, E., 3D vs 2D laparoscopic radical prostatectomy in organ-confined prostate cancer: comparison of operative data and pentafecta rates: a single cohort study. BMC Urology. 2015;15;12	2
8122	J. H. Y. Chung, H. J.Kim, H. S.Lee, B. I.Park, S. H.Yoon, E. S., A novel technique for robot assisted latissimus dorsi flap harvest. Journal of Plastic, Reconstructive & Aesthetic Surgery: JPRAS. 2015;68;966-72	3
8123	H. E. Sawada, H.Hattori, M.Suzuki, T.Shimomura, M.Tanabe, K.Okajima, M.Ohdan, H., Initial experiences of robotic versus conventional laparoscopic surgery for colorectal cancer, focusing on short-term outcomes: a matched case-control study. World Journal of Surgical Oncology. 2015;13;103	12
8124	G. E. Spolverato, A.Kim, Y.Hall, B. L.Bilimoria, K.Cohen, M.Ko, C.Pitt, H.Pawlik, T. M., Patterns of care among patients undergoing hepatic resection: a query of the National Surgical Quality Improvement Program-targeted hepatectomy database. Journal of Surgical Research. 2015;196;221-8	2
8125	P. D. Singh, P.Arora, S.Pham, A. H.Wernicke, A. G.Smith, M.Nori, D.Clifford Chao, K. S.Parashar, B., Comparison of primary radiation versus robotic surgery plus adjuvant radiation in high-risk prostate cancer: a single center experience. Journal of Cancer Research & Therapeutics. 2015;11;191-4	3
8126	A. S. Carneiro, A.Sanchez-Salas, R.Di Trapani, E.Barret, E.Rozet, F.Galiano, M.Pizzaro, F. U.Doizi, S.Cathala, N.Mombet, A.Prapotnich, D.Cathelineau, X., Evolution from laparoscopic to robotic nephron sparing surgery: a high-volume laparoscopic center experience on achieving 'trifecta' outcomes. World Journal of Urology. 2015;33;2039-44	3
8127	M. H. Harel, K. W.Silvis, R.Makari, J. H.Ferrer, F. A.Kim, C., Objective pain assessment after ureteral reimplantation: comparison of open versus robotic approach. Journal of pediatric urology. 2015;11;82.e1-8	12

8128	Y. U. Kadono, S.Iwamoto, D.Takezawa, Y.Nohara, T.Izumi, K.Mizokami, A.Namiki, M., Chronological Urodynamic Evaluation of Changing Bladder and Urethral Functions After Robot-assisted Radical Prostatectomy. Urology. 2015;85;1441-7	3
8129	A. J. M. Davidiuk, C.Young, P. R.Thiel, D. D., Robotic-assisted Bladder Diverticulectomy: Assessment of Outcomes and Modifications of Technique. Urology. 2015;85;1347-51	3
8130	I. S. M. Gill, C.Abreu, A.Duddalwar, V.Chopra, S.Cunningham, M.Thangathurai, D.Ukimura, O.Satkunasivam, R.Hung, A.Papalia, R.Aron, M.Desai, M.Gallucci, M., Robotic Level III Inferior Vena Cava Tumor Thrombectomy: Initial Series. Journal of Urology. 2015;194;929-38	3
8131	C. C. G. Starnes, D. C.Hall, B.Wilson, E. B.Snyder, B. E., The economy of motion of the totally robotic gastric bypass: technique, learning curve, and outcomes of a fellowship-trained, robotic bariatric surgeon. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;411-8	5
8132	F. B. Venail, B.Akkari, M.Wimmer, W.Williamson, T.Gerber, N.Gavaghan, K.Canovas, F.Weber, S.Caversaccio, M.Uziel, A., Manual Electrode Array Insertion Through a Robot-Assisted Minimal Invasive Cochleostomy: Feasibility and Comparison of Two Different Electrode Array Subtypes. Otology & Neurotology. 2015;36;1015-22	5
8133	M. G. Rivera, C. F.Tollefson, M. K., Robotic-assisted laparoscopic surgery of urachal anomalies: a single-center experience. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;291-4	3
8134	C. E. R. Ryan, S. B.Sukharamwala, P. B.Sadowitz, B. D.Wood, T. W.Rosemurgy, A. S., Distal pancreatectomy and splenectomy: a robotic or LESS approach. Journal of the Society of Laparoendoscopic Surgeons. 2015;19;e2014.00246	12
8135	A. F. C. Atmaca, A. E.Gok, B.Akbulut, Z.Altinova, S.Balbay, M. D., Open versus robotic radical cystectomy with intracorporeal Studer diversion. Journal of the Society of Laparoendoscopic Surgeons. 2015;19;e2014.00193	13
8136	A. D. Arghami, B. M.Bingener, J.Osborn, J.Richards, M. L., Single-port robotic-assisted adrenalectomy: feasibility, safety, and cost-effectiveness. Journal of the Society of Laparoendoscopic Surgeons. 2015;19;e2014.00218	13
8137	D. A. Deligiannis, I.Mygdalis, V.Fragkiadis, E.Stravodimos, K., Change of practice patterns in urology with the introduction of the Da Vinci surgical system: the Greek NHS experience in debt crisis era. Archivio Italiano di Urologia, Andrologia. 2015;87;56-61	2
8138	S. D. Ricciardulli, Q.Zhang, X.Li, H.Tang, Y.Yang, G.Wang, X.Ma, X.Breda, A.Celia, A., Evaluation of laparoscopic vs robotic partial nephrectomy using the margin, ischemia and complications score system: a retrospective single center analysis. Archivio Italiano di Urologia, Andrologia. 2015;87;49-55	13
8139	N. Y. C. Kim, E. Y.Hong, Y. J.Park, S.Kim, H. Y.Bai, S. J.Han, S. J., Retrospective assessment of the validity of robotic surgery in comparison to open surgery for pediatric choledochal cyst. Yonsei Medical Journal. 2015;56;737-43	12
8140	F. A. B. Guerra, S.Annecchiarico, M.Bongiolatti, S.Coratti, A., Robot-integrated intraoperative ultrasound: Initial experience with hepatic malignancies. Minimally Invasive Therapy & Allied Technologies: Mitat. 2015;24;345-9	2
8141	G. W. K. Choby, J.Ling, D. C.Abberbock, S.Mandal, R.Kim, S.Ferris, R. L.Duvvuri, U., Transoral robotic surgery alone for oropharyngeal cancer: quality-of-life outcomes. JAMA Otolaryngology-- Head & Neck Surgery. 2015;141;499-504	3

8142	R. G. Wagenhoffer, M.Schymik, J.Schachtner, L.Neagoe, L.Berg, C.Schlichter, A.Manseck, A., Switching from Endoscopic Extraperitoneal Radical Prostatectomy to Robot-Assisted Laparoscopic Prostatectomy: Comparing Outcomes and Complications. Urologia Internationalis. 2015;95;380-5	12
8143	A. S. T. Taylor, D. D., Laparoscopic and robotic calyceal diverticulectomy: outcomes and modifications of technique. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;406-10	5
8144	J. B. L. Finkelstein, A. C.Silva, M. V.Murray, L.Delaney, C.Casale, P., How to decide which infant can have robotic surgery? Just do the math. Journal of pediatric urology. 2015;11;170.e1-4	3
8145	G. R. Antanavicius, M.Sucandy, I., One-stage robotically assisted laparoscopic biliopancreatic diversion with duodenal switch: analysis of 179 patients. Surgery for Obesity & Related Diseases. 2015;11;367-71	3
8146	Z. W. Sun, Z.Phee, S. J., Modeling and motion compensation of a bidirectional tendon-sheath actuated system for robotic endoscopic surgery. Computer Methods & Programs in Biomedicine. 2015;119;77-87	5
8147	E. H. L. Kim, J. A.Potretzke, A. M.Hulsey, N. K.Bhayani, S. B.Figenshau, R. S., Retroperitoneal Robot-Assisted Partial Nephrectomy for Posterior Renal Masses Is Associated with Earlier Hospital Discharge: A Single-Institution Retrospective Comparison. Journal of Endourology. 2015;29;1137-42	3
8148	G. M. J. Grimsby, M. A.Gargollo, P. C., Success of Laparoscopic Robot-Assisted Approaches to Ureteropelvic Junction Obstruction Based on Preoperative Renal Function. Journal of Endourology. 2015;29;874-7	3
8149	M. M. Hassan, Y.Lincoln, J.Ricci, M., Cost-benefit analysis of robotic versus nonrobotic minimally invasive mitral valve surgery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2015;10;32994	5
8150	F. K. Cochennec, H.Gohel, M.Marzelle, J.Desgranges, P.Allaire, E.Becquemin, J. P., Feasibility and safety of renal and visceral target vessel cannulation using robotically steerable catheters during complex endovascular aortic procedures. Journal of Endovascular Therapy. 2015;22;187-93	2
8151	P. J. C. Neuburger, M. M.Luria, B. J.Manrique-Espinel, A. M.Ngai, J. Y.Grossi, E. A.Loulmet, D. F., Does paravertebral blockade facilitate immediate extubation after totally endoscopic robotic mitral valve repair surgery?. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2015;10;96-100	3
8152	E. C. T. Lai, C. N., Robot-assisted laparoscopic hepaticojejunostomy for advanced malignant biliary obstruction. Asian Journal of Surgery. 2015;38;210-3	3
8153	A. F. Coratti, E.Lombardi, A.Di Marino, M.Annecchiarico, M.Felicioni, L.Giulianotti, P. C., Robot-assisted surgery for gastric carcinoma: Five years follow-up and beyond: A single western center experience and long-term oncological outcomes. European Journal of Surgical Oncology. 2015;41;1106-13	3
8154	M. G. Asensio, R.Royo, G. F.Lloret, J., Failed pyeloplasty in children: Is robot-assisted laparoscopic reoperative repair feasible?. Journal of pediatric urology. 2015;11;69.e1-6	3
8155	J. A. T. Glenn, K. K.Gamblin, T. C.Hohmann, S. F.Johnston, F. M., Minimally invasive gastrectomy for cancer: current utilization in US academic medical centers. Surgical Endoscopy. 2015;29;3768-75	12
8156	R. D. P. Malik, J. J.Gundeti, M. S., Outcomes in Pediatric Robot-Assisted Laparoscopic Heminephrectomy Compared with Contemporary Open and Laparoscopic Series. Journal of Endourology. 2015;29;1346-52	13

8157	F. M. F. Lott, L. A., Is previous experience in laparoscopic necessary to perform robotic radical prostatectomy? A comparative study with robotic and the classic open procedure in patients with prostate cancer. Acta Cirurgica Brasileira. 2015;30;229-34	12
8158	M. S. B. Cho, S. J.Hur, H.Min, B. S.Baik, S. H.Lee, K. Y.Kim, N. K., Short and long-term outcomes of robotic versus laparoscopic total mesorectal excision for rectal cancer: a case-matched retrospective study. Medicine. 2015;94;e522	12
8159	N. W. Povolotskaya, R.Brinkmann, D., Implementation of a robotic surgical program in gynaecological oncology and comparison with prior laparoscopic series. International Journal of Surgical Oncology Print. 2015;2015;814315	13
8160	G. X. Wang, S.Gao, C., The effects of cardiopulmonary bypass on pulmonary function during robotic cardiac surgery. Perfusion. 2015;30;213-8	3
8161	S. S. Isotani, H.Yokota, I.China, T.Hisasue, S.Ide, H.Muto, S.Yamaguchi, R.Ukimura, O.Horie, S., Feasibility and accuracy of computational robot-assisted partial nephrectomy planning by virtual partial nephrectomy analysis. International Journal of Urology. 2015;22;439-46	2
8162	T. P. G. Cundy, N. E.White, A. D.Najmaldin, A. S., Learning curve evaluation using cumulative summation analysis-a clinical example of pediatric robot-assisted laparoscopic pyeloplasty. Journal of Pediatric Surgery. 2015;50;1368-73	3
8163	A. L. Rosiek, K., Technology advances in hospital practices: robotics in treatment of patients. Technology in Cancer Research & Treatment. 2015;14;270-6	5
8164	S. F. Yoshida, N.Saito, K.Fujii, Y.Kageyama, Y.Kihara, K., Novel image monitoring system using a head-mounted display for assistants in da Vinci surgery. International Journal of Urology. 2015;22;520-1	8
8165	K. T. G. Harris, M. A.Ball, M. W.Pierorazio, P. M.Allaf, M. E., A comparative analysis of robotic vs laparoscopic retroperitoneal lymph node dissection for testicular cancer. BJU International. 2015;116;920-3	12
8166	A. V. Picardo, J., Extended pelvic lymph node dissection for clinically localized prostate cancer: a West Australian experience. ANZ Journal of Surgery. 2015;85;936-40	3
8167	J. P. P. Kobler, L.Lexow, G. J.Rau, T. S.Majdani, O.Ortmaier, T., Mechanical characterization of bone anchors used with a bone-attached, parallel robot for skull surgery. Medical Engineering & Physics. 2015;37;460-8	2
8168	E. C. Haglind, S.Stranne, J.Wallerstedt, A.Wilderang, U.Thorsteinsdottir, T.Lagerkvist, M.Damber, J. E.Bjartell, A.Hugosson, J.Wiklund, P.Steineck, G.Lappro steering committee, Urinary Incontinence and Erectile Dysfunction After Robotic Versus Open Radical Prostatectomy: A Prospective, Controlled, Nonrandomised Trial. European Urology. 2015;68;216-25	12
8169	M. Y. Yang, M.Wang, G.Xiao, C.Wu, Y.Zhang, H.Gao, C., Comparison of postoperative quality of life for patients who undergo atrial myxoma excision with robotically assisted versus conventional surgery. Journal of Thoracic & Cardiovascular Surgery. 2015;150;152-7	13
8170	S. A. Ratchanon, P.Prasopsanti, K., A cost-utility analysis of laparoscopic radical prostatectomy and robotic-assisted laparoscopic radical prostatectomy in men with localized prostate cancer in Thailand. Journal of the Medical Association of Thailand. 2015;98 Suppl 1;S14-20	5
8171	J. I. Shibata, S.Tada, N.Kawai, K.Tsuno, N. H.Yamaguchi, H.Sunami, E.Kitayama, J.Watanabe, T., Surgical stress response after colorectal resection: a comparison of robotic, laparoscopic, and open surgery. Techniques in Coloproctology. 2015;19;275-80	4

8172	S. C. Chen, J. Z.Zhan, Q.Deng, X. X.Shen, B. Y.Peng, C. H.Li, H. W., Robot-assisted laparoscopic versus open pancreaticoduodenectomy: a prospective, matched, mid-term follow-up study. Surgical Endoscopy. 2015;29;3698-711	12
8173	Q. Z. He, J.Zhuang, D.Fan, Z., Robotic total parathyroidectomy by the axillo-bilateral-breast approach for secondary hyperparathyroidism: a feasibility study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;311-3	5
8174	G. M. J. Grimsby, M. A.Gargollo, P. C., Comparison of Complications of Robot-Assisted Laparoscopic and Open Appendicovesicostomy in Children. Journal of Urology. 2015;194;772-6	12
8175	S. I. Paul, A. J.Jalbert, J.Osakwe, N. C.Salemi, A.Girardi, L. N.Sedrakyan, A., A population-based analysis of robotic-assisted mitral valve repair. Annals of Thoracic Surgery. 2015;99;1546-53	13
8176	M. C. Akand, O.Avci, E.Duman, I.Erdogru, T., Open, laparoscopic and robot-assisted laparoscopic radical prostatectomy: comparative analysis of operative and pathologic outcomes for three techniques with a single surgeon's experience. European Review for Medical & Pharmacological Sciences. 2015;19;525-31	12
8177	E. S. Felli, R.Colasanti, M.Vennarecci, G.Lepiane, P.Ettorre, G. M., Robotic liver surgery: preliminary experience in a tertiary hepato-biliary unit. Updates in Surgery. 2015;67;27-32	5
8178	Y. L. Elsayed, C.Ranzani, T.Cianchetti, M.Morino, M.Arezzo, A.Menciassi, A.Geng, T.Saaj, C. M., Crimped braided sleeves for soft, actuating arm in robotic abdominal surgery. Minimally Invasive Therapy & Allied Technologies: Mitat. 2015;24;204-10	7
8179	W. S. J. Kim, T.Nam, W.Sannikorn, P.Choi, E. C.Koh, Y. W., Reconstruction of the segmental mandibular defect using a retroauricular or modified face-lift incision with an intraoral approach in head and neck cancer. Acta Oto-Laryngologica. 2015;135;500-6	2
8180	M. S. K. Cho, C. W.Baek, S. J.Hur, H.Min, B. S.Baik, S. H.Lee, K. Y.Kim, N. K., Minimally invasive versus open total mesorectal excision for rectal cancer: Long-term results from a case-matched study of 633 patients. Surgery. 2015;157;1121-9	12
8181	G. B. Lista, N. M.Lughezzani, G.Lazzeri, M.Abrate, A.Mistretta, A.Larcher, A.Dell'Oglio, P.Fossati, N.Porter, J.Ficarra, V.Mottrie, A.Guazzoni, G., Margin, ischemia, and complications system to report perioperative outcomes of robotic partial nephrectomy: a European Multicenter Observational Study (EMOS project). Urology. 2015;85;589-95	3
8182	Anonymous, Committee opinion no. 628: robotic surgery in gynecology. Obstetrics & Gynecology. 2015;125;760-767	5
8183	A. K. W. George, R.Viola, K. V.Pernegger, M.Costamoling, W.Kavoussi, L. R.Loidl, W., Utilization of a novel valveless trocar system during robotic-assisted laparoscopic prostatectomy. World Journal of Urology. 2015;33;1695-9	3
8184	X. Z. L. Zeng, V.Lau, S.Press, J. Z.Abitbol, J.Gotlieb, R.How, J.Wang, Y.Gotlieb, W. H., Outcome of robotic surgery for endometrial cancer as a function of patient age. International Journal of Gynecological Cancer. 2015;25;637-44	3
8185	P. C. Murthy, J. A.Gundeti, M. S., Evaluation of robotic-assisted laparoscopic and open pyeloplasty in children: single-surgeon experience. Annals of the Royal College of Surgeons of England. 2015;97;109-14	13

8186	M. K. Sumitomo, K.Kato, Y.Yoshizawa, T.Watanabe, M.Zennami, K.Nakamura, K., Comparative investigation on clinical outcomes of robot-assisted radical prostatectomy between experienced open prostatic surgeons and novice open surgeons in a laparoscopically naive center with a limited caseload. International Journal of Urology. 2015;22;469-74	3
8187	M. N. Maenpaa, K.Tomas, E.Luukkaala, T.Maenpaa, J. U., Implementing robotic surgery to gynecologic oncology: the first 300 operations performed at a tertiary hospital. Acta Obstetricia et Gynecologica Scandinavica. 2015;94;482-8	3
8188	N. B. Mockelmann, C. J.Munscher, A.Knecht, R.Lorincz, B. B., Timing of neck dissection in patients undergoing transoral robotic surgery for head and neck cancer. European Journal of Surgical Oncology. 2015;41;773-8	3
8189	V. G.-H. Bindal, R.Elli, E. F., Outcomes of Robot-Assisted Roux-en-Y Gastric Bypass as a Reoperative Bariatric Procedure. Obesity Surgery. 2015;25;1810-5	3
8190	M. A. D. E. Cerruto, C.Cavicchioli, F. M.Cavalleri, S.Balzarro, M.Porcaro, A. B.Curti, P.Artibani, W., Outcomes and Postoperative Complications of Robot-Assisted Laparoscopic Hysterosacropexy: Initial Experience. Urologia Internationalis. 2015;95;16316	3
8191	D. P. A. H. A. A. Nguyen, B.Wu, X.O'Malley, P.Inoyatov, I. M.Ayangbesan, A.Faltas, B. M.Christos, P. J.Scherr, D. S., Recurrence patterns after open and robot-assisted radical cystectomy for bladder cancer. European Urology. 2015;68;399-405	13
8192	S. M.-P. Atallah, B.Parra-Davila, E.deBeche-Adams, T.Nassif, G.Albert, M.Larach, S., Robotic transanal surgery for local excision of rectal neoplasia, transanal total mesorectal excision, and repair of complex fistulae: clinical experience with the first 18 cases at a single institution. Techniques in Coloproctology. 2015;19;401-10	3
8193	D. L. M. Woods, T.Nevadunsky, N.Hou, J. Y.Goldberg, G.Yi-Shin Kuo, D.Isani, S., Carbon footprint of robotically-assisted laparoscopy, laparoscopy and laparotomy: a comparison. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;406-12	2
8194	J. K. Arata, S.Sakaguchi, M.Nakadate, R.Oguri, S.Uemura, M.Byunghyun, C.Akahoshi, T.Ikeda, T.Hashizume, M., Articulated minimally invasive surgical instrument based on compliant mechanism. International Journal of Computer Assisted Radiology & Surgery. 2015;10;1837-43	2
8195	T. T. Suda, D.Tochii, S.Takagi, Y., Trans-subxiphoid robotic thymectomy. Interactive Cardiovascular & Thoracic Surgery. 2015;20;669-71	5
8196	C. S. C. Lai, I. C.Liu, S. A.Lu, C. T.Yen, J. H.Song, D. Y., Robot-assisted free flap reconstruction of oropharyngeal cancer--a preliminary report. Annals of Plastic Surgery. 2015;74 Suppl 2;S105-8	3
8197	M. W. G. Ball, M. A.Jayram, G.Pierorazio, P. M.Allaf, M. E., Robot-assisted radical nephrectomy with inferior vena cava tumor thrombectomy: technique and initial outcomes. Canadian Journal of Urology. 2015;22;7666-70	3
8198	A. H. Cusano, P.Staff, I.Jackson, M.Abarzua-Cabezas, F.Dorin, R.Meraney, A.Wagner, J.Shichman, S.Kesler, S., Surgical complications associated with robotic urologic procedures in elderly patients. Canadian Journal of Urology. 2015;22;7607-13	3
8199	A. H. R. Mendelsohn, M., Transoral robotic surgery for laryngeal cancer. Current Opinion in Otolaryngology & Head & Neck Surgery. 2015;23;148-52	5
8200	P. J. S. Schuler, M.Rotter, N.Veit, J.Duvvuri, U.Hoffmann, T. K., A single-port operator-controlled flexible endoscope system for endoscopic skull base surgery. HNO. 2015;63;189-94	2

8201	S. O. D. Hassan, J.Syed, L. H.Patel, K.Farshidpour, M.Cunningham, S. C.Kowdley, G. C., Conventional Laparoscopic vs Robotic Training: Which is Better for Naive Users? A Randomized Prospective Crossover Study. Journal of Surgical Education. 2015;72;592-9	5
8202	J. Y. Chan, Surgical salvage of recurrent nasopharyngeal carcinoma. Current Oncology Reports. 2015;17;433	2
8203	A. K. Arujuna, R.Zarinabad, N.Gill, J.Rhode, K.Schaeffter, T.Wright, M.Rinaldi, C. A.Cooklin, M.Razavi, R.O'Neill, M. D.Gill, J. S., A randomized prospective mechanistic cardiac magnetic resonance study correlating catheter stability, late gadolinium enhancement and 3 year clinical outcomes in robotically assisted vs. standard catheter ablation. Europace. 2015;17;1241-50	2
8204	K. G. C. Chan, J. W.Wiklund, N. P., Robot-assisted radical cystectomy: extracorporeal vs intracorporeal urinary diversion. Journal of Urology. 2015;193;1467-9	5
8205	M. P. Mustafa, C. A.Davis, J. W.Pisters, L., Robotic or open radical prostatectomy after previous open surgery in the pelvic region. Korean Journal of Urology. 2015;56;131-7	3
8206	G. W. K. Yim, S. W.Nam, E. J.Kim, S.Kim, Y. T., Perioperative complications of robot-assisted laparoscopic surgery using three robotic arms at a single institution. Yonsei Medical Journal. 2015;56;474-81	3
8207	C. T. Komninos, P.Koo, K. C.Chang, C. H.Han, W. K.Rha, K. H., Obesity is not associated with increased operative complications in single-site robotic partial nephrectomy. Yonsei Medical Journal. 2015;56;382-7	3
8208	T. B. Marien, M. A.Wynia, B.Bilbily, M.Rao, G.Zhao, L. C.Shah, O.Stifelman, M. D., Outcomes of robotic-assisted laparoscopic upper urinary tract reconstruction: 250 consecutive patients. BJU International. 2015;116;604-11	3
8209	D. C. Mathieu, M. P.Bahig, H.Larrivee, S.Vu, T.Lambert, L.Lavoie, C.Roberge, D.Doucet, R.Carrier, J. F.Gorgos, A.Fortin, B.Filion, E., Long-term quality of life in early-stage non-small cell lung cancer patients treated with robotic stereotactic ablative radiation therapy. Practical Radiation Oncology. 2015;5;e365-73	2
8210	C. C. M. Jensen, R. D., Comparative effectiveness in colon and rectal cancer. Cancer Treatment & Research. 2015;164;143-63	2
8211	L. M. B. Knab, J.Munshi, H. G.Bentrem, D. J., Comparative effectiveness in esophagogastric cancer. Cancer Treatment & Research. 2015;164;121-42	2
8212	J. S. C. Park, J. W.Kim, N. K.Cho, M. S.Kang, C. M.Choi, S. B.Kim, D. W., Exposure of surgeons to extremely low-frequency magnetic fields during laparoscopic and robotic surgeries. Medicine. 2015;94;e539	1
8213	M. S. B. Silay, M.Koh, C. J., Robot-Assisted Laparoscopic Extravesical Ureteral Reimplantation in Children: Top-Down Suturing Technique Without Stent Placement. Journal of Endourology. 2015;29;864-6	5
8214	D. W. G. Doo, S. R.Corr, B. R.Sheeder, J.Davidson, S. A.Behbakht, K.Jarrett, M. J.Guy, M. S., Comparative Surgical Outcomes for Endometrial Cancer Patients 65 Years Old or Older Staged With Robotics or Laparotomy. Annals of Surgical Oncology. 2015;22;3687-94	13
8215	A. J. P. Davidiuk, A. S.Thomas, C. S.Heckman, M. G.Custer, K.Thiel, D. D., Prospective evaluation of the association of adherent perinephric fat with perioperative outcomes of robotic-assisted partial nephrectomy. Urology. 2015;85;836-42	3
8216	N. S. Patel, C. A.Shang, J.Leibrandt, K.Yang, G. Z.Darzi, A.Teare, J., Evaluation of a novel flexible snake robot for endoluminal surgery. Surgical Endoscopy. 2015;29;3349-55	2

8217	Z. E. P. Khene, B.Mathieu, R.Fardoun, T.Verhoest, G.Bensalah, K., Analysis of the impact of adherent perirenal fat on peri-operative outcomes of robotic partial nephrectomy. World Journal of Urology. 2015;33;1801-6	3
8218	I. H. Zapardiel, A.De Santiago, J., The efficacy of robotic driven handheld instruments for the acquisition of basic laparoscopic suturing skills. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2015;186;106-9	2
8219	Y. S. Y. Ha, J.Patel, N.Hassanzadeh Salmasi, A.Parihar, J.Kwon, T. G.Kim, W. J.Kim, I. Y., Pathologic findings in patients who underwent robot-assisted radical prostatectomy following active surveillance: a prospective study in a single center. Minerva Urologica e Nefrologica. 2015;67;44570	3
8220	C. K. M. Flack, M. F.Patel, N. B.Gardner, T. A.Powell, C. R., National Trends in the Performance of Robot-Assisted Sacral Colpopexy. Journal of Endourology. 2015;29;777-83	13
8221	R. A. Ahmadi, S.Packirisamy, M.Dargahi, J., Micro-optical force distribution sensing suitable for lump/artery detection. Biomedical Microdevices. 2015;17;10	2
8222	E. S. Y. Chan, C. H.Chiu, P. K.Chan, C. K.Hou, S. M.Ng, C. F., Robot-assisted radical cystectomy using a side-docking technique. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;207-11	3
8223	K. W. Groom, L.Simaan, N.Netterville, J., Robot-assisted transnasal laryngoplasty in cadaveric models: Quantifying forces and identifying challenges. Laryngoscope. 2015;125;1166-8	7
8224	A. S. Chandra, J. T.Wu, Y.Jena, A.Goldman, D. P., Robot-assisted surgery for kidney cancer increased access to a procedure that can reduce mortality and renal failure. Health Affairs. 2015;34;220-8	5
8225	J. M. G. Stephan, M. J.McDonald, M.Hansen, J.Reyes, H. D.Button, A.Bender, D., Robotic surgery in supermorbidly obese patients with endometrial cancer. American Journal of Obstetrics & Gynecology. 2015;213;49.e1-49.e8	3
8226	D. W. L. Yaffee, D. F.Fakiha, A. G.Grossi, E. A., Fluorescence-guided placement of an endoaortic balloon occlusion device for totally endoscopic robotic mitral valve repair. Journal of Thoracic & Cardiovascular Surgery. 2015;149;1456-8	5
8227	C. N. S. Cho, J. H.Kim, H. R.Jung, H.Kim, K. G., Vision-based variable impedance control with oscillation observer for respiratory motion compensation during robotic needle insertion: a preliminary test. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;502-11	2
8228	J. G. Kristin, R.Kraus, P.Klenzner, T., Assessment of the endoscopic range of motion for head and neck surgery using the SOLOASSIST endoscope holder. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;418-23	2
8229	W. Z. K. Wysham, K. H.Roberts, J. M.Sullivan, S. A.Campbell, S. B.Roque, D. R.Moore, D. T.Gehrig, P. A.Boggess, J. F.Soper, J. T.Huh, W. K., Obesity and perioperative pulmonary complications in robotic gynecologic surgery. American Journal of Obstetrics & Gynecology. 2015;213;33.e1-33.e7	3
8230	H. Y. Y. Lee, I. S.Hwang, S. B.Lee, J. B.Bae, J. W.Kim, H. Y., Robotic thyroid surgery for papillary thyroid carcinoma: lessons learned from 100 consecutive surgeries. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2015;25;27-32	3
8231	A. Y. Akdemir, N.Zeybek, B.Karaman, S.Sendag, F., Single incision trans-umbilical total hysterectomy: robotic or laparoscopic?. Gynecologic & Obstetric Investigation. 2015;80;34182	13

8232	J. K. Lee, Y. M.Woo, Y.Obama, K.Noh, S. H.Hyung, W. J., Robotic distal subtotal gastrectomy with D2 lymphadenectomy for gastric cancer patients with high body mass index: comparison with conventional laparoscopic distal subtotal gastrectomy with D2 lymphadenectomy. Surgical Endoscopy. 2015;29;3251-60	12
8233	D. W. S. Good, G. D.Laird, A.Stolzenburg, J. U.Cahill, D.McNeill, S. A., A Critical Analysis of the Learning Curve and Postlearning Curve Outcomes of Two Experience- and Volume-Matched Surgeons for Laparoscopic and Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2015;29;939-47	12
8234	D. A. Hudry, S.Zanagnolo, V.Narducci, F.Fastrez, M.Ponce, J.Tucher, E.Lecuru, F.Conri, V.Leguevaque, P.Goffin, F.Holloway, R. W.Lambaudie, E.Sergs Group, Robotically assisted para-aortic lymphadenectomy: surgical results: a cohort study of 487 patients. International Journal of Gynecological Cancer. 2015;25;504-11	3
8235	J. A. Bosma, S.Jaspers, J., The Minimally Invasive Manipulator: an ergonomic and economic non-robotic alternative for endoscopy?. Minimally Invasive Therapy & Allied Technologies: Mitat. 2015;24;24-30	2
8236	K. M. Zareinia, Y.Ng, C.Sepehri, N.Sutherland, G. R., Performance evaluation of haptic hand-controllers in a robot-assisted surgical system. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;486-501	5
8237	J. B. Seror, A. S.Bensaid, C.Douay-Hauser, N.Ngo, C.Lecuru, F., Risk of port-site metastases in pelvic cancers after robotic surgery. European Journal of Surgical Oncology. 2015;41;599-603	3
8238	H. J. M. Lujan, A.Burgos, A.Rivera, B.Plasencia, G., Robotic right colectomy with intracorporeal anastomosis: experience with 52 consecutive cases. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2015;25;117-22	3
8239	O. Z. Akca, H.Attalla, K.Brandao, L. F.Laydner, H.Krishnan, J.Stein, R. J.Kaouk, J. H., Possible Detrimental Effects of Clamping Main Versus Segmental Renal Arteries for the Achievement of Renal Global Ischemia During Robot-Assisted Partial Nephrectomy. Journal of Endourology. 2015;29;785-90	3
8240	P. J. N. Neuburger, J. Y.Chacon, M. M.Luria, B.Manrique-Espinel, A. M.Kline, R. P.Grossi, E. A.Loulmet, D. F., A Prospective Randomized Study of Paravertebral Blockade in Patients Undergoing Robotic Mitral Valve Repair. Journal of Cardiothoracic & Vascular Anesthesia. 2015;29;930-6	3
8241	C. D. D. Bahler, H. T.Flynn, K. J.Garg, S.Monn, M. F.Gutwein, L. G.Mellon, M. J.Foster, R. S.Cheng, L.Sandrasegaran, M. K.Sundaram, C. P., Feasibility of omitting cortical renorrhaphy during robot-assisted partial nephrectomy: a matched analysis. Journal of Endourology. 2015;29;548-55	5
8242	H. H. Miyake, N.Imai, S.Furukawa, J.Tanaka, K.Fujisawa, M., Partial nephrectomy for hilar tumors: comparison of conventional open and robot-assisted approaches. International Journal of Clinical Oncology. 2015;20;808-13	13
8243	S. L. Eklind, A.Sjoli, P.Dahm-Kahler, P., A prospective, comparative study on robotic versus open-surgery hysterectomy and pelvic lymphadenectomy for endometrial carcinoma. International Journal of Gynecological Cancer. 2015;25;250-6	13
8244	Y. F. J. El Bitar, T. J.Lindner, D.Botser, I. B.Stake, C. E.Domb, B. G., Predictive value of robotic-assisted total hip arthroplasty. Orthopedics. 2015;38;e31-7	5
8245	M. A. J. Aghazadeh, I. S.Hung, A. J.Pan, M. M.Desai, M. M.Gill, I. S.Goh, A. C., External validation of Global Evaluative Assessment of Robotic Skills (GEARS). Surgical Endoscopy. 2015;29;497249	2
8246	H. N. K. Yoo, T. J.Lee, Y. Y.Choi, C. H.Lee, J. W.Bae, D. S.Kim, B. G., Single-site robotic surgery in gynecologic cancer: a pilot study. Journal of Gynecologic Oncology. 2015;26;22828	3

8247	E. J. P. Chung, M. W.Cho, J. G.Baek, S. K.Kwon, S. Y.Woo, J. S.Jung, K. Y., A prospective 1-year comparative study of endoscopic thyroidectomy via a retroauricular approach versus conventional open thyroidectomy at a single institution. Annals of Surgical Oncology. 2015;22;3014-21	2
8248	H. I. Zargar, W.Autorino, R.Khalifeh, A.Nemer, O.Akca, O.Laydner, H.Brandao, L. F.Stein, R. J.Kaouk, J. H., Robot-assisted laparoscopic partial nephrectomy in patients with previous abdominal surgery: single center experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;389-94	3
8249	S. J. v. d. V. Thoolen, W. J.Kent, T. S.Callery, M. P.Dib, M. J.Hamdan, A.Schermerhorn, M. L.Moser, A. J., Technique and outcomes of robot-assisted median arcuate ligament release for celiac artery compression syndrome. Journal of Vascular Surgery. 2015;61;1278-84	2
8250	J. H. K. Pyun, H. K.Kim, J. Y.Kim, S. B.Cho, S.Kang, S. G.Ko, Y. H.Cheon, J.Lee, J. G.Kim, J. J.Kang, S. H., Standardized analysis of complications after robot-assisted radical cystectomy: Korea University Hospital experience. Korean Journal of Urology. 2015;56;48-55	3
8251	G. d. C. Zeccolini, B.Del Biondo, D.Gallo, G.Silvestre, P.Celia, A., Robotic-assisted partial nephrectomy: experience on 60 cases. Urologia (Treviso). 2015;82;98-101	3
8252	S. W. A. Wilcox, N. J.McLachlan, C. S.McKay, M. J.Last, A. J.Shakespeare, T. P., Is modern external beam radiotherapy with androgen deprivation therapy still a viable alternative for prostate cancer in an era of robotic surgery and brachytherapy: a comparison of Australian series. Journal of Medical Imaging & Radiation Oncology. 2015;59;125-33	2
8253	R. S. Mano, A.Hakimi, A. A.Sternberg, I. A.Bernstein, M.Bochner, B. H.Coleman, J. A.Russo, P., Cost comparison of open and robotic partial nephrectomy using a short postoperative pathway. Urology. 2015;85;596-603	4
8254	X. R. Biardeau, J.Marcelli, F.Flamand, V., Robot-assisted laparoscopic approach for artificial urinary sphincter implantation in 11 women with urinary stress incontinence: surgical technique and initial experience. European Urology. 2015;67;937-42	3
8255	R. A. W. Buckmire, Y. T.Deal, A. M., The application of robotics to microlaryngeal laser surgery. Laryngoscope. 2015;125;1393-400	2
8256	J. S. Zhou, Y.Qian, F.Tang, B.Hao, Y.Zhao, Y.Yu, P., Cumulative summation analysis of learning curve for robot-assisted gastrectomy in gastric cancer. Journal of Surgical Oncology. 2015;111;760-7	5
8257	M. I. R. Liang, M. A.Rath, K. S.Hade, E. M.Clements, A. E.Backes, F. J.Eisenhauer, E. L.Salani, R.O'Malley, D. M.Fowler, J. M.Cohn, D. E., Predicting inpatient stay lasting 2 midnights or longer after robotic surgery for endometrial cancer. Journal of Minimally Invasive Gynecology. 2015;22;583-9	3
8258	M. D. P. Honaker, B. L.Stefanidis, D.Schiffern, L. M., Can robotic surgery be done efficiently while training residents?. Journal of Surgical Education. 2015;72;377-80	12
8259	C. S. Schwentner, A.Balbay, M. D.Todenhofer, T.Aufderklamm, S.Halalsheh, O.Mischinger, J.Bottge, J.Rausch, S.Bier, S.Stenzl, A.Gakis, G.Canda, A. E., Robot-assisted radical cystectomy and intracorporeal neobladder formation: on the way to a standardized procedure. World Journal of Surgical Oncology. 2015;13;3	3
8260	G. I. Watanabe, N., Use of barbed suture in robot-assisted mitral valvuloplasty. Annals of Thoracic Surgery. 2015;99;343-5	5
8261	G. D. Butturini, I.Crepaz, L.Malleo, G.Marchegiani, G.Daskalaki, D.Esposito, A.Cingarlini, S.Salvia, R.Bassi, C., A prospective non-randomised single-center study comparing laparoscopic and robotic distal pancreatectomy. Surgical Endoscopy. 2015;29;3163-70	12

8262	S. Q. Svoboda, T. R.Wilson, A.Park, H.Youssef, Y., Robotic single-site cholecystectomy in the obese: outcomes from a single institution. Surgery for Obesity & Related Diseases. 2015;11;882-5	3
8263	S. V. Tatinati, K. C.Ang, W. T., Multistep prediction of physiological tremor based on machine learning for robotics assisted microsurgery. IEEE Transactions on Cybernetics. 2015;45;328-39	5
8264	J. A. R. James, J. A.Jeppson, C. N.Stavitzski, N. M.Ahmad, S.Holloway, R. W., Robotic transperitoneal infra-renal aortic lymphadenectomy in early-stage endometrial cancer. Gynecologic Oncology. 2015;136;285-92	3
8265	S. V. L. Whitehurst, E. G.Lendvay, T. S.Propst, A. M.Dunlow, S. G.Rosemeyer, C. J.Gobern, J. M.White, L. W.Skinner, A.Buller, J. L., Comparison of two simulation systems to support robotic-assisted surgical training: a pilot study (Swine model). Journal of Minimally Invasive Gynecology. 2015;22;483-8	7
8266	J. K. K. Koehn, K. J., Surgeons and non-surgeons prefer haptic feedback of instrument vibrations during robotic surgery. Surgical Endoscopy. 2015;29;2970-83	5
8267	D. R. M. Kaye, J. K.Carter, H. B.Bivalacqua, T. J., Robotic surgery in urological oncology: patient care or market share?. Nature Reviews Urology. 2015;12;55-60	5
8268	J. S. James, C.Lynch, B.Wang, B.Dunlap, N. E., Quantification of planning target volume margin when using a robotic radiosurgery system to treat lung tumors with spine tracking. Practical Radiation Oncology. 2015;5;e337-43	5
8269	S. J. F. Raza, E.Jay, C.Eun, D.Fumo, M.Hu, J. C.Lee, D.Mehboob, Z.Nyquist, J.Peabody, J. O.Sarle, R.Stricker, H.Yang, Z.Wilding, G.Mohler, J. L.Guru, K. A., Surgical competency for urethrovesical anastomosis during robot-assisted radical prostatectomy: development and validation of the robotic anastomosis competency evaluation. Urology. 2015;85;27-32	5
8270	S. D. Dabas, A.Ranjan, R.Dewan, A. K.Puri, A.Shah, S. H.Sinha, R., Transoral robotic surgery in management of oropharyngeal cancers: a preliminary experience at a tertiary cancer centre in India. International Journal of Clinical Oncology. 2015;20;693-700	3
8271	D. J. G. Kiely, W. H.Jardon, K.Lau, S.Press, J. Z., Advancing surgical simulation in gynecologic oncology: robotic dissection of a novel pelvic lymphadenectomy model. Simulation in Healthcare: The Journal of The Society for Medical Simulation. 2015;10;38-42	5
8272	O. N. Franke, F.Chereau-Ewald, E.Orsoni, M.Jauffret, C.Leblanc, E.Houvenaeghel, G.Lambaudie, E., Role of a double docking to improve lymph node dissection: when robotically assisted laparoscopy for para-aortic lymphadenectomy is associated to a pelvic procedure. International Journal of Gynecological Cancer. 2015;25;331-6	3
8273	C. B. E. Anderson, E. B.Atoria, C. L.Eastham, J. A.Scardino, P. T.Touijer, K., The diffusion of minimally invasive radical prostatectomy in the United States: a case study of the introduction of new surgical devices. Prostate Cancer & Prostatic Diseases. 2015;18;75-80	2
8274	H. S. W. Dev, P.Patel, V.Parashar, D.Palmer, K.Nyberg, T.Skarecky, D.Neal, D. E.Ahlering, T.Sooriakumaran, P., Surgical margin length and location affect recurrence rates after robotic prostatectomy. Urologic Oncology. 2015;33;109.e7-13	3
8275	M. M. M.-J. Fernandez-Fernandez, L.Parente Arias, P. L.Ortega Del Alamo, P., TransOral endoscopic UltraSonic Surgery (TOUSS): a preliminary report of a novel robotless alternative to TORS. European Archives of Oto-Rhino-Laryngology. 2015;272;3785-91	2
8276	W. P. O. Liu, Y.Azizian, M.Wagner, O. J.Sorger, J. M.Armand, M.Taylor, R. H., 2D-3D radiograph to cone-beam computed tomography (CBCT) registration for C-arm image-guided robotic surgery. International Journal of Computer Assisted Radiology & Surgery. 2015;10;1239-52	2

8277	K. C. K. Asciutto, G.Lofgren, M.Hogberg, T.Borgfeldt, C., Robot-assisted surgery in cervical cancer patients reduces the time to normal activities of daily living. Acta Obstetricia et Gynecologica Scandinavica. 2015;94;260-5	13
8278	G. T. Sivarajan, G. B.Walter, D.Gross, C. P.Sosa, R. E.Makarov, D. V., The Effect of the Diffusion of the Surgical Robot on the Hospital-level Utilization of Partial Nephrectomy. Medical Care. 2015;53;26146	2
8279	M. O. Hellan, J.Lagares-Garcia, J. A.Rauh, S. M.Kennedy, H. L.Nicholson, J. D.Nesbitt, D.Johnson, C. S.Pigazzi, A., Robotic Rectal Cancer Resection: A Retrospective Multicenter Analysis. Annals of Surgical Oncology. 2015;22;91890	3
8280	R. Z. Autorino, H.Mariano, M. B.Sanchez-Salas, R.Sotelo, R. J.Chlosta, P. L.Castillo, O.Matei, D. V.Celia, A.Koc, G.Vora, A.Aron, M.Parsons, J. K.Pini, G.Jensen, J. C.Sutherland, D.Cathelineau, X.Nunez Bragayrac, L. A.Varkarakis, I. M.Amparore, D.Ferro, M.Gallo, G.Volpe, A.Vuruskan, H.Bandi, G.Hwang, J.Nething, J.Muruve, N.Chopra, S.Patel, N. D.Derweesh, I.Champ Weeks, D.Spier, R.Kowalczyk, K.Lynch, J.Harbin, A.Verghese, M.Samavedi, S.Molina, W. R.Dias, E.Ahallal, Y.Laydner, H.Cherullo, E.De Cobelli, O.Thiel, D. D.Lagerkvist, M.Haber, G. P.Kaouk, J.Kim, F. J.Lima, E.Patel, V.White, W.Mottrie, A.Porpiglia, F., Perioperative Outcomes of Robotic and Laparoscopic Simple Prostatectomy: A European-American Multi-institutional Analysis. European Urology. 2015;68;86-94	13
8281	Q. V. Ballouhey, T.Cros, J.Szwarc, C.Braik, K.Longis, B.Lardy, H.Fourcade, L., A comparison of robotic surgery in children weighing above and below 15.0 kg: size does not affect surgery success. Surgical Endoscopy. 2015;29;2643-50	3
8282	K. K. Durmus, C.Uysal, I. O.Dziegielewski, P. T.Ozer, E., Feasibility and clinical outcomes of transoral robotic surgery and transoral robot-assisted carbon dioxide laser for hypopharyngeal carcinoma. Journal of Craniofacial Surgery. 2015;26;235-7	3
8283	Q. V. Ballouhey, T.Cros, J.Vacquerie, V.Berenguer, D.Braik, K.Szwarc, C.Longis, B.Lardy, H.Fourcade, L., Assessment of paediatric thoracic robotic surgery. Interactive Cardiovascular & Thoracic Surgery. 2015;20;300-3	3
8284	A. A. Demir, K.Ozkan, B.Kaba, E.Toker, A., Robotic and video-assisted thoracic surgery lung segmentectomy for malignant and benign lesions. Interactive Cardiovascular & Thoracic Surgery. 2015;20;304-9	13
8285	P. K. Kavoussi, Validation of robot-assisted vasectomy reversal. Asian Journal of Andrology. 2015;17;245-7	12
8286	G. F. Corrado, F.Ghezzi, F.Fagotti, A.Uccella, S.Mancini, E.Sperduti, I.Stevenazzi, G.Scambia, G.Vizza, E., Mini-laparoscopic versus robotic radical hysterectomy plus systematic pelvic lymphadenectomy in early cervical cancer patients. A multi-institutional study. European Journal of Surgical Oncology. 2015;41;136-41	13
8287	T. P. C. Kole, L. N.Obayomi-Davies, O.Kim, J. S.Lei, S.Suy, S.Dritschilo, A.Collins, S. P., Prostate specific antigen kinetics following robotic stereotactic body radiotherapy for localized prostate cancer. Acta Oncologica. 2015;54;832-8	2
8288	H. Y. C. Chiou, L. H.Chen, C. H.Yen, Y. K.Chang, C. W.Liu, W. M., Comparing robotic surgery with laparoscopy and laparotomy for endometrial cancer management: a cohort study. International Journal Of Surgery. 2015;13;17-22	13
8289	B. T. S. Hotujec, R. J.Donnelly, M. J.Bruggink, S. M.Rose, S. L.Al-Niaimi, A.Chappell, R.Stewart, S. L.Kushner, D. M., Transversus abdominis plane block in robotic gynecologic oncology: a randomized, placebo-controlled trial. Gynecologic Oncology. 2015;136;460-5	3

8290	A. C. Fagotti, B.Gallotta, V.Cianci, S.Ronsini, C.Petrillo, M.Pacciani, M.Scambia, G.Fanfani, F., Minimally invasive secondary cytoreduction plus HIPEC versus open surgery plus HIPEC in isolated relapse from ovarian cancer: a retrospective cohort study on perioperative outcomes. Journal of Minimally Invasive Gynecology. 2015;22;428-32	4
8291	S. H. L. Kim, E. S.Kim, H. H.Kwak, C.Ku, J. H.Lee, S. E.Hong, S. K.Jeong, C. W.Kim, S. H.Cho, J. Y.Hwang, S. I.Lee, H. J.Byun, S. S., A propensity-matched comparison of perioperative complications and of chronic kidney disease between robot-assisted laparoscopic partial nephrectomy and radiofrequency ablative therapy. Asian Journal of Surgery. 2015;38;126-33	3
8292	V. D. Kanawade, L. D.Banks, S. A.Zhang, Z.Wan, Z., Precision of robotic guided instrumentation for acetabular component positioning. Journal of Arthroplasty. 2015;30;392-7	5
8293	H. K. H. Byeon, F. C.Kim, D. H.Kim, J. W.Park, J. H.Koh, Y. W.Choi, E. C., Feasibility of robot-assisted neck dissection followed by transoral robotic surgery. British Journal of Oral & Maxillofacial Surgery. 2015;53;68-73	3
8294	B. S. F. Farivar, M.Leitman, I. M., General surgery residents' perception of robot-assisted procedures during surgical training. Journal of Surgical Education. 2015;72;235-42	4
8295	C. S. B. Lau, R. H.Quek, M. L., Radical cystectomy: open vs robotic approach. Journal of Urology. 2015;193;400-2	8
8296	O. B. Raz, T. W.Arianayagam, M.Lau, H.Vass, J.Huynh, C. C.Graham, S. L.Varol, C., The effect of the modified Z trendelenburg position on intraocular pressure during robotic assisted laparoscopic radical prostatectomy: a randomized, controlled study. Journal of Urology. 2015;193;1213-9	3
8297	S. K. P. Choi, S.Ahn, H., Randomized clinical trial of a bladder neck plication stitch during robot-assisted radical prostatectomy. Asian Journal of Andrology. 2015;17;304-8	3
8298	L. J. W. Moore, M. R.McGrath, J. S.Waine, E.Masters, R. S.Vine, S. J., Surgeons' display reduced mental effort and workload while performing robotically assisted surgical tasks, when compared to conventional laparoscopy. Surgical Endoscopy. 2015;29;2553-60	1
8299	P. T. M. Gellhaus, M. F.Leese, J.Flack, C. K.Lingeman, J. E.Koch, M. O.Boris, R. S., Robot-Assisted Radical Prostatectomy in Patients with a History of Holmium Laser Enucleation of the Prostate: Feasibility and Evaluation of Initial Outcomes. Journal of Endourology. 2015;29;764-9	3
8300	T. I. Yumioka, H.Masago, T.Morizane, S.Yao, A.Honda, M.Muraoka, K.Sejima, T.Takenaka, A., Robot-assisted radical prostatectomy in an initial Japanese series: the impact of prior abdominal surgery on surgical outcomes. International Journal of Urology. 2015;22;278-82	3
8301	I. M. Tateya, S.Muto, M.Miyamoto, S.Hayashi, T.Funakoshi, M.Aoyama, I.Hirano, S.Kitamura, M.Ishikawa, S.Kishimoto, Y.Morita, M.Mahattanasakul, P.Morita, S.Ito, J., Magnifying endoscope with NBI to predict the depth of invasion in laryngo-pharyngeal cancer. Laryngoscope. 2015;125;1124-9	2
8302	M. A. Anzidei, R.Porfiri, A.Boni, F.Anile, M.Zaccagna, F.Vitolo, D.Saba, L.Napoli, A.Leonardi, A.Longo, F.Venuta, F.Bezzi, M.Catalano, C., Preliminary clinical experience with a dedicated interventional robotic system for CT-guided biopsies of lung lesions: a comparison with the conventional manual technique. European Radiology. 2015;25;1310-6	2
8303	E. G.-H. Elli, R.Sarvepalli, S.Masrur, M., Laparoscopic and robotic sleeve gastrectomy: short- and long-term results. Obesity Surgery. 2015;25;967-74	12

8304	P. J. E. Speicher, B. R.Ganapathi, A. M.Nussbaum, D. P.Mantyh, C. R.Migaly, J., Robotic Low Anterior Resection for Rectal Cancer: A National Perspective on Short-term Oncologic Outcomes. Annals of Surgery. 2015;262;1040-5	12
8305	P. T. D. A. Hoff, M. A.Thaler, E. R., Transoral robotic surgery in benign diseases including obstructive sleep apnea: Safety and feasibility. Laryngoscope. 2015;125;1249-53	3
8306	F. G. Montorsi, G.Briganti, A., Long-term outcomes of robot-assisted radical prostatectomy: Where do we stand?. BJU International. 2015;116;845-6	8
8307	D. H. D. Shin, L.Azhar, R. A.Santomauro, M.Satkunasivam, R.Metcalfe, C.Dunn, M.Berger, A.Djaladat, H.Nguyen, M.Desai, M. M.Aron, M.Gill, I. S.Hung, A. J., A novel interface for the telementoring of robotic surgery. BJU International. 2015;116;302-8	4
8308	K. D. Levic, A. M.Bulut, O.Rosenberg, J., A Comparative Study of Single-Port Laparoscopic Surgery Versus Robotic-Assisted Laparoscopic Surgery for Rectal Cancer. Surgical Innovation. 2015;22;368-75	12
8309	T. J. K. Vogel, A.Shah, C. A.Schiff, M. A.Isacson, C.Garcia, R. L.Goff, B. A., An analysis of current treatment practice in uterine papillary serous and clear cell carcinoma at two high volume cancer centers. Journal of Gynecologic Oncology. 2015;26;25-31	12
8310	C. S. Komninos, T. Y.Tuliao, P.Han, W. K.Chung, B. H.Choi, Y. D.Rha, K. H., Renal function is the same 6 months after robot-assisted partial nephrectomy regardless of clamp technique: analysis of outcomes for off-clamp, selective arterial clamp and main artery clamp techniques, with a minimum follow-up of 1 year. BJU International. 2015;115;921-8	3
8311	G. S. Li, H.Cole, G. A.Shang, W.Harrington, K.Camilo, A.Pilitsis, J. G.Fischer, G. S., Robotic system for MRI-guided stereotactic neurosurgery. IEEE Transactions on Biomedical Engineering. 2015;62;1077-88	2
8312	E. M. S. Myers, L.Osmundsen, B.Geller, E.Matthews, C. A., Differences in recurrent prolapse at 1 year after total vs supracervical hysterectomy and robotic sacrocolpopexy. International Urogynecology Journal. 2015;26;585-9	3
8313	G. N. Pelizzo, G.Romano, P.Avolio, L.Mencherini, S.Zambaiti, E.Raffaele, A.Stoll, T.Mineo, N.Calcaterra, V., Five millimetre-instruments in paediatric robotic surgery: Advantages and shortcomings. Minimally Invasive Therapy & Allied Technologies: Mitat. 2015;24;148-53	3
8314	P. P. W. Gomez, R. E.Van Sickle, K. R., Development of a virtual reality robotic surgical curriculum using the da Vinci Si surgical system. Surgical Endoscopy. 2015;29;99226	4
8315	T. S. Muderris, E.Bercin, S.Gul, F.Kiris, M., Transoral robotic lingual tonsillectomy in adults: preliminary results. Acta Oto-Laryngologica. 2015;135;23621	3
8316	S. V. d. V. Downs-Canner, W. J.Thoolen, S. J.Boone, B. A.Zureikat, A. H.Hogg, M. E.Bartlett, D. L.Callery, M. P.Kent, T. S.Zeh, H. J.Moser, A. J., Robotic surgery for benign duodenal tumors. Journal of Gastrointestinal Surgery. 2015;19;306-12	3
8317	H. S. R. Lin, J. A.Folbe, A. J.Yoo, G. H.Badr, M. S.Chen, W., Transoral robotic surgery for treatment of obstructive sleep apnea: factors predicting surgical response. Laryngoscope. 2015;125;1013-20	3
8318	C. K. Graneli, C. C.Arnbjornsson, E.Anderberg, M., Outcome after Computer-Assisted (Robotic) Nissen Fundoplication in Children Measured as Pre- and Postoperative Acid Reducing and Asthma Medications Use. European Journal of Pediatric Surgery. 2015;25;532-6	3
8319	J. C. W. Delto, G.Yanes, R.Nieder, A. M.Bhandari, A., Reducing robotic prostatectomy costs by minimizing instrumentation. Journal of Endourology. 2015;29;556-60	4

8320	A. G.-R. Patsias, L.Polydorides, A. D.Richards-Kortum, R.Anandasabapathy, S.Quang, T.Sikora, A. G.Miles, B., Feasibility of transoral robotic-assisted high-resolution microendoscopic imaging of oropharyngeal squamous cell carcinoma. Head & Neck. 2015;37;E99-102	3
8321	B. E. C. Yoo, J. S.Shin, J. W.Lee, D. W.Kwak, J. M.Kim, J.Kim, S. H., Robotic versus laparoscopic intersphincteric resection for low rectal cancer: comparison of the operative, oncological, and functional outcomes. Annals of Surgical Oncology. 2015;22;1219-25	12
8322	S. A. Thakkar, M.Gurram, K. C.Tully, S.Wright, C.Sanan, S.Choset, H., A novel, new robotic platform for natural orifice distal pancreatectomy. Surgical Innovation. 2015;22;274-82	7
8323	J. G. Villamere, A.Vu, S.Nguyen, N. T., Utilization and outcome of laparoscopic versus robotic general and bariatric surgical procedures at Academic Medical Centers. Surgical Endoscopy. 2015;29;1729-36	12
8324	C. W. L. Jeong, J. K.Oh, J. J.Lee, S.Jeong, S. J.Hong, S. K.Byun, S. S.Lee, S. E., Effects of new 1-step posterior reconstruction method on recovery of continence after robot-assisted laparoscopic prostatectomy: results of a prospective, single-blind, parallel group, randomized, controlled trial. Journal of Urology. 2015;193;935-42	3
8325	M. E. B. Tarr, S. J.Cunkelman, J. A.Polcari, A.Nutter, B.Kenton, K., Comparison of postural ergonomics between laparoscopic and robotic sacrocolpopexy: a pilot study. Journal of Minimally Invasive Gynecology. 2015;22;234-8	1
8326	G. S. Yedukondalu, A.Suresh Kumar, J., Mechanical chest compression with a medical parallel manipulator for cardiopulmonary resuscitation. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;448-57	2
8327	S. P. G. Kim, C. P.Smaldone, M. C.Han, L. C.Van Houten, H.Lotan, Y.Svatek, R. S.Thompson, R. H.Karnes, R. J.Trinh, Q. D.Kutikov, A.Shah, N. D., Perioperative outcomes and hospital reimbursement by type of radical prostatectomy: results from a privately insured patient population. Prostate Cancer & Prostatic Diseases. 2015;18;44755	12
8328	A. T. Wallerstedt, S. I.Thorsteinsdottir, T.Carlsson, S.Stranne, J.Gustafsson, O.Hugosson, J.Bjartell, A.Wilderang, U.Wiklund, N. P.Steineck, G.Haglind, E.Lappro steering committee, Short-term results after robot-assisted laparoscopic radical prostatectomy compared to open radical prostatectomy. European Urology. 2015;67;660-70	12
8329	C. C. Rivard, K.Anderson, M.Isaksson Vogel, R.Teoh, D., Factors influencing same-day hospital discharge and risk factors for readmission after robotic surgery in the gynecologic oncology patient population. Journal of Minimally Invasive Gynecology. 2015;22;219-26	3
8330	J. A. K. Larson, J. H.Stifelman, M. D.Rogers, C. G.Allaf, M. E.Potretzke, A.Marshall, S.Zargar, H.Ball, M. W.Bhayani, S. B., Nonmodifiable factors and complications contribute to length of stay in robot-assisted partial nephrectomy. Journal of Endourology. 2015;29;422-9	3
8331	F. J. A. Bianco, D. M.Belkoff, L. H.Miles, B. J.Peabody, J. O.He, W.Bradt, J. S.Haas, G. P.Ahlering, T. E., A randomized, double-blind, solifenacin succinate versus placebo control, phase 4, multicenter study evaluating urinary continence after robotic assisted radical prostatectomy. Journal of Urology. 2015;193;1305-10	3
8332	T. K. Yamaguchi, Y.Shiomi, A.Sato, S.Yamakawa, Y.Kagawa, H.Tomioka, H.Mori, K., Learning curve for robotic-assisted surgery for rectal cancer: use of the cumulative sum method. Surgical Endoscopy. 2015;29;1679-85	3

8333	G. M. Petralia, G.Padhani, A. R.Summers, P.Renne, G.Alessi, S.Raimondi, S.Matei, D. V.Renne, S. L.Jereczek-Fossa, B. A.De Cobelli, O.Bellomi, M., Robot-assisted radical prostatectomy: Multiparametric MR imaging-directed intraoperative frozen-section analysis to reduce the rate of positive surgical margins. Radiology. 2015;274;434-44	3
8334	W. W. J. Kim, J. H.Park, H. Y., A single surgeon's experience and surgical outcomes of 300 robotic thyroid surgeries using a bilateral axillo-breast approach. Journal of Surgical Oncology. 2015;111;135-40	12
8335	J. M. G. Redmond, A.Hammarstedt, J. E.Petrakos, A. E.Finch, N. A.Domb, B. G., The learning curve associated with robotic-assisted total hip arthroplasty. Journal of Arthroplasty. 2015;30;18354	3
8336	R. T. Angioli, C.Plotti, F.Cafa, E. V.Gennari, P.Ricciardi, R.Aloisi, A.Miranda, A.Montera, R.De Cicco Nardone, C., Influence of pneumoperitoneum pressure on surgical field during robotic and laparoscopic surgery: a comparative study. Archives of Gynecology & Obstetrics. 2015;291;865-8	4
8337	C. E. Engan, M.Bonilla, V.Dyer, D. C.Randall, B. R., Description of robotically assisted single-site transabdominal preperitoneal (RASS-TAPP) inguinal hernia repair and presentation of clinical outcomes. Hernia. 2015;19;423-8	3
8338	I. C. P. Nam, J. O.Joo, Y. H.Cho, K. J.Kim, M. S., Role of primary closure after transoral robotic surgery for tonsillar cancer. Auris, Nasus, Larynx. 2015;42;15919	3
8339	D. S. K. Bae, S. J., Intraoperative neuromonitoring of the recurrent laryngeal nerve in robotic thyroid surgery. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2015;25;23-26	2
8340	M. d. B. Keijzers, M.Hochstenbag, M.Abdul-Hamid, M.Zur Hausen, A.van der Linden, M.Kuks, J.Verschuuren, J.Kessels, F.Dingemans, A. M.Maessen, J., Robotic thymectomy in patients with myasthenia gravis: neurological and surgical outcomes. European Journal of Cardio-Thoracic Surgery. 2015;48;14732	3
8341	S. M. Bogliolo, L.Cassani, C.Gardella, B.Zanellini, F.Dominoni, M.Babilonti, L.Delpezzo, C.Tateo, S.Spinillo, A., Robotic single-site hysterectomy: two institutions' preliminary experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;159-65	3
8342	J. W. K. Shin, S. H.Kim, S. A.Kim, J. Y.Na, J. I.Park, K. C.Huh, C. H., Characteristics of robotically harvested hair follicles in Koreans. Journal of the American Academy of Dermatology. 2015;72;146-50	2
8343	H. F. Miyake, J.Hinata, N.Muramaki, M.Tanaka, K.Fujisawa, M., Significant impact of R.E.N.A.L. nephrometry score on changes in postoperative renal function early after robot-assisted partial nephrectomy. International Journal of Clinical Oncology. 2015;20;586-92	3
8344	H. A. Zargar, M. E.Bhayani, S.Stifelman, M.Rogers, C.Ball, M. W.Larson, J.Marshall, S.Kumar, R.Kaouk, J. H., Trifecta and optimal perioperative outcomes of robotic and laparoscopic partial nephrectomy in surgical treatment of small renal masses: a multi-institutional study. BJU International. 2015;116;407-14	13
8345	Z. M. Lee, B.Giusto, L.Eun, D. D., Use of indocyanine green during robot-assisted ureteral reconstructions. European Urology. 2015;67;291-8	3
8346	B. B. B. Lorincz, C. J.Mockelmann, N.Knecht, R., Feasibility and safety of transoral robotic surgery (TORS) for early hypopharyngeal cancer: a subset analysis of the Hamburg University TORS-trial. European Archives of Oto-Rhino-Laryngology. 2015;272;399425	3
8347	A. I. T. Tasci, I.Gumus, E.Canda, A. E.Tugcu, V.Atug, F.Boylu, U.Akbulut, Z.Sahin, S.Simsek, A.Kural, A. R., Oncologic results, functional outcomes, and complication rates of robotic-assisted radical prostatectomy: multicenter experience in Turkey including 1,499 patients. World Journal of Urology. 2015;33;1095-102	3

8348	H. A. Zargar, O.Ramirez, D.Brandao, L. F.Laydner, H.Krishnan, J.Stein, R. J.Kaouk, J. H., The impact of extended warm ischemia time on late renal function after robotic partial nephrectomy. Journal of Endourology. 2015;29;444-8	3
8349	R. S. Yang, B.Sun, Z.Lai, K. W.Fung, C. K.Patterson, K. C.Seiffert-Sinha, K.Sinha, A. A.Xi, N., Cellular level robotic surgery: Nanodissection of intermediate filaments in live keratinocytes. Nanomedicine. 2015;11;137-45	3
8350	L. H. M. Jambusaria, M.Lucente, V. R., One-year functional and anatomic outcomes of robotic sacrocolpopexy versus vaginal extraperitoneal colpopexy with mesh. Female Pelvic Medicine & Reconstructive Surgery. 2015;21;87-92	13
8351	T. W. Xu, X.Xia, L.Zhang, X.Qin, L.Zhong, S.Shen, Z., Robot-assisted prostatectomy in obese patients: how influential is obesity on operative outcomes?. Journal of Endourology. 2015;29;198-208	8
8352	M. M. Maddox, S.Liu, J.Boonjindasup, A.Lee, B. R., Robotic partial nephrectomy for clinical stage T1b tumors: intermediate oncologic and functional outcomes. Clinical Genitourinary Cancer. 2015;13;34578	3
8353	M. B. Kates, M. W.Patel, H. D.Gorin, M. A.Pierorazio, P. M.Allaf, M. E., The financial impact of robotic technology for partial and radical nephrectomy. Journal of Endourology. 2015;29;317-22	13
8354	U. P. Boggi, S.Massimetti, G.Vistoli, F.Caniglia, F.De Lio, N.Perrone, V.Barbarello, L.Belluomini, M.Signori, S.Amorese, G.Mosca, F., Laparoscopic robot-assisted versus open total pancreatectomy: a case-matched study. Surgical Endoscopy. 2015;29;1425-32	12
8355	S. J. K. Baek, C. H.Cho, M. S.Bae, S. U.Hur, H.Min, B. S.Baik, S. H.Lee, K. Y.Kim, N. K., Robotic surgery for rectal cancer can overcome difficulties associated with pelvic anatomy. Surgical Endoscopy. 2015;29;1419-24	3
8356	A. T. Minervini, A.Masieri, L.Veneziano, D.Vittori, G.Siena, G.Gacci, M.Vignolini, G.Mari, A.Sebastianelli, A.Salvi, M.Serni, S.Carini, M., Endoscopic robot-assisted simple enucleation (ERASE) for clinical T1 renal masses: description of the technique and early postoperative results. Surgical Endoscopy. 2015;29;1241-9	3
8357	S. U. B. Bae, S. J.Hur, H.Baik, S. H.Kim, N. K.Min, B. S., Robotic left colon cancer resection: a dual docking technique that maximizes splenic flexure mobilization. Surgical Endoscopy. 2015;29;1303-9	3
8358	H. H. Egi, M.Suzuki, T.Sawada, H.Ohdan, H., The significance of spatial cognitive ability in robot-assisted surgery. Surgical Endoscopy. 2015;29;1130-6	4
8359	T. P. R. Cundy, S. P.Gattas, N. E.White, A. D.Najmaldin, A. S., The learning curve of robot-assisted laparoscopic fundoplication in children: a prospective evaluation and CUSUM analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;141-9	3
8360	O. I. Mohareri, J.Black, P. C.Schneider, C.Lobo, J.Goldenberg, L.Salcudean, S. E., Intraoperative registered transrectal ultrasound guidance for robot-assisted laparoscopic radical prostatectomy. Journal of Urology. 2015;193;302-12	3
8361	C. D. Kucur, K.Teknos, T. N.Ozer, E., How often parapharyngeal space is encountered in TORS oropharynx cancer resection. European Archives of Oto-Rhino-Laryngology. 2015;272;226969	3
8362	Y. E. C. Yoon, K. H.Lee, K. S.Kim, K. H.Rha, K. H.Choi, Y. D.Han, W. K., Usefulness of the diameter-axial-polar nephrometry score for predicting perioperative parameters in robotic partial nephrectomy. World Journal of Urology. 2015;33;841-5	3

8363	M. W. R. Ball, A. C.Mettee, L. Z.Pavlovich, C. P., Safety of minimally invasive radical prostatectomy in patients with prior abdominopelvic or inguinal surgery. Journal of Endourology. 2015;29;192-7	12
8364	K. R. F. Penner, N. D.Barlavi, L.Axtell, A. E.Lentz, S. E., Same-day discharge is feasible and safe in patients undergoing minimally invasive staging for gynecologic malignancies. American Journal of Obstetrics & Gynecology. 2015;212;186.e1-8	13
8365	J. H. Y. Ryu, C. K.Kwon, H.Kim, K. H.Choi, J. Y.Jung, J. W.Kim, S. W.Oh, A. Y., A prospective, randomized, controlled trial of the postoperative analgesic effects of spraying 0.25 % levobupivacaine after bilateral axillo-breast approach robotic thyroidectomy. Surgical Endoscopy. 2015;29;163-9	3
8366	J. R. P. Zechmeister, T. L.Boyd, L. R.Blank, S. V.Curtin, J. P.Pothuri, B., A prospective comparison of postoperative pain and quality of life in robotic assisted vs conventional laparoscopic gynecologic surgery. American Journal of Obstetrics & Gynecology. 2015;212;194.e1-7	12
8367	P. H. K. Tuliao, K. C.Komninos, C.Chang, C. H.Choi, Y. D.Chung, B. H.Hong, S. J.Rha, K. H., Number of positive preoperative biopsy cores is a predictor of positive surgical margins (PSM) in small prostates after robot-assisted radical prostatectomy (RARP). BJU International. 2015;116;897-904	3
8368	T. K. R. Chung, E. L.Magnuson, J. S.Carroll, W. R., Transoral robotic surgery for oropharyngeal and tongue cancer in the United States. Laryngoscope. 2015;125;140-5	13
8369	S. A. F. Scheib, A. N., Gynecologic robotic laparoendoscopic single-site surgery: prospective analysis of feasibility, safety, and technique. American Journal of Obstetrics & Gynecology. 2015;212;179.e1-8	3
8370	K. F. Tanaka, J.Shigemura, K.Hinata, N.Ishimura, T.Muramaki, M.Miyake, H.Fujisawa, M., Surgery-related outcomes and postoperative split renal function by scintigraphy evaluation in robot-assisted partial nephrectomy in complex renal tumors: an initial case series. Journal of Endourology. 2015;29;29-34	3
8371	W. P. R. Liu, S.Sorger, J. M.Siewerdsen, J. H.Taylor, R. H.Richmon, J. D., Intraoperative image-guided transoral robotic surgery: pre-clinical studies. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;256-67	3
8372	P. C. R. Jeppson, S.Gattoc, L.Westermann, L. B.Cichowski, S.Raker, C.LeBrun, E. E. W.Sung, V. W.Fellows' Pelvic Research Network of Society of Gynecologic, Surgeons, Impact of robotic technology on hysterectomy route and associated implications for resident education. American Journal of Obstetrics & Gynecology. 2015;212;196.e1-6	3
8373	L. G. Tunc, H.Akin, Y.Atkin, S.Peker, T.Erdem, O.Bozkirli, I., A novel surgical technique for preserving the bladder neck during robot-assisted laparoscopic radical prostatectomy: preliminary results. Journal of Endourology. 2015;29;186-91	3
8374	K. M. Suda, I. M.Ishida, Y.Kawamura, Y.Satoh, S.Uyama, I., Potential advantages of robotic radical gastrectomy for gastric adenocarcinoma in comparison with conventional laparoscopic approach: a single institutional retrospective comparative cohort study. Surgical Endoscopy. 2015;29;673-85	12
8375	G. H. Melich, Y. K.Kim, J.Hur, H.Baik, S. H.Kim, N. K.Sender Liberman, A.Min, B. S., Simultaneous development of laparoscopy and robotics provides acceptable perioperative outcomes and shows robotics to have a faster learning curve and to be overall faster in rectal cancer surgery: analysis of novice MIS surgeon learning curves. Surgical Endoscopy. 2015;29;558-68	12
8376	P. R. Cavallaro, A. J.Chiang, Y.Itagaki, S.Seigerman, M.Chikwe, J., In-hospital mortality and morbidity after robotic coronary artery surgery. Journal of Cardiothoracic & Vascular Anesthesia. 2015;29;27-31	13

8377	B. I. Chughtai, A. J.Mao, J.Lee, R.Te, A.Kaplan, S.Sedrakyan, A., Safety of robotic prostatectomy over time: a national study of in-hospital injury. Journal of Endourology. 2015;29;181-5	4
8378	M. G. Mandapathil, B.Wilhelm, T., Transoral surgery using a novel single-port flexible endoscope system. European Archives of Oto-Rhino-Laryngology. 2015;272;201402	3
8379	K. d. A. Faber, A. L.Ramos, P.Aljuri, N.Mantri, S.Gill, I.Ukimura, O.Desai, M., Image-guided robot-assisted prostate ablation using water jet-hydrodissection: initial study of a novel technology for benign prostatic hyperplasia. Journal of Endourology. 2015;29;23255	3
8380	M. P. Diaz, J. O.Kapoor, V.Sammon, J.Rogers, C. G.Stricker, H.Lane, Z.Gupta, N.Bhandari, M.Menon, M., Oncologic outcomes at 10 years following robotic radical prostatectomy. European Urology. 2015;67;1168-1176	3
8381	J. H. L. Park, J.Hakim, N. A.Kim, H. Y.Kang, S. W.Jeong, J. J.Nam, K. H.Bae, K. S.Kang, S. J.Chung, W. Y., Robotic thyroidectomy learning curve for beginning surgeons with little or no experience of endoscopic surgery. Head & Neck. 2015;37;1705-11	3
8382	R. P. Sudan, E., Totally robot-assisted biliary pancreatic diversion with duodenal switch: single dock technique and technical outcomes. Surgical Endoscopy. 2015;29;55-60	3
8383	D. T. V. McMillan, A. J.Matthews, J.Raynor, M. C.Woods, M. E.Pruthi, R. S.Wallen, E. M.Nielsen, M. E.Smith, A. B., Resident involvement and experience do not affect perioperative complications following robotic prostatectomy. World Journal of Urology. 2015;33;793-9	3
8384	J. S.-S. Garate, R.Valero, R.Matheus, R.Leon, A.Davila, H., Pentafecta outcomes after robot-assisted laparoscopic radical prostatectomy: first 100 cases in Latinoamerican Hospital. Actas Urologicas Espanolas. 2015;39;44701	3
8385	M. S. S. Morgan, N. A.Garcia-Gil, M.Ozayar, A.Gahan, J. C.Friedlander, J. I.Roehrborn, C. G.Cadeddu, J. A., Single- versus dual-console robot-assisted radical prostatectomy: impact on intraoperative and postoperative outcomes in a teaching institution. World Journal of Urology. 2015;33;781-6	3
8386	Y. S. Kobayashi, Y.Noguchi, T.Takahashi, Y.Liu, Q.Oguri, S.Toyoda, K.Uemura, M.Ieiri, S.Tomikawa, M.Ohdaira, T.Hashizume, M.Fujie, M. G., Development of a robotic system with six-degrees-of-freedom robotic tool manipulators for single-port surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;235-46	3
8387	S. L. K. Chang, A. S.Brooks, J. D.Chung, B. I., The impact of robotic surgery on the surgical management of prostate cancer in the USA. BJU International. 2015;115;929-36	3
8388	B. B. M. Lorincz, N.Busch, C. J.Knecht, R., Functional outcomes, feasibility, and safety of resection of transoral robotic surgery: single-institution series of 35 consecutive cases of transoral robotic surgery for oropharyngeal squamous cell carcinoma. Head & Neck. 2015;37;1618-24	3
8389	A. Z. Akdemir, B.Ozgurel, B.Oztekin, M. K.Sendag, F., Learning curve analysis of intracorporeal cuff suturing during robotic single-site total hysterectomy. Journal of Minimally Invasive Gynecology. 2015;22;384-9	3
8390	K. W. W. Eichhorn, R.Last, C.Rilk, M.Bootz, F.Wahl, F. M.Jakob, M., Workspace and pivot point for robot-assisted endoscope guidance in functional endonasal sinus surgery (FESS). The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;44772	3

8391	E. S. Kandil, A.Mohamed, S. E.Alsaleh, N.Aslam, R.Moulthrop, T., Modified robotic-assisted thyroidectomy: an initial experience with the retroauricular approach. Laryngoscope. 2015;125;767-71	3
8392	C. R. S. Nezhat, A.Balassiano, E.Soliemannjad, R., Robotic-assisted laparoscopy vs conventional laparoscopy for the treatment of advanced stage endometriosis. Journal of Minimally Invasive Gynecology. 2015;22;14702	12
8393	O. R. Cawley, A.Brown, M.Challacombe, B., Exploring the evidence for early unclamping during robot-assisted partial nephrectomy: is it worth the time and effort?. BJU International. 2015;115;506-7	8
8394	T. Y. L. Shin, S. K.Komninos, C.Kim, D. W.Han, W. K.Hong, S. J.Jung, B. H.Rha, K. H., Clinical values of selective-clamp technique in robotic partial nephrectomy. World Journal of Urology. 2015;33;763-9	3
8395	H. A. Zargar, O.Autorino, R.Brandao, L. F.Laydner, H.Krishnan, J.Samarasekera, D.Stein, R. J.Kaouk, J. H., Ipsilateral renal function preservation after robot-assisted partial nephrectomy (RAPN): an objective analysis using mercapto-acetyltriglycine (MAG3) renal scan data and volumetric assessment. BJU International. 2015;115;787-95	3
8396	P. R. G. Dixon, R. C.Urbach, D. R., The impact of marketing language on patient preference for robot-assisted surgery. Surgical Innovation. 2015;22;44819	4
8397	Y. S. L. Chae, S. H.Lee, H. K.Kim, M. Y., Optical coordinate tracking system using afocal optics for image-guided surgery. International Journal of Computer Assisted Radiology & Surgery. 2015;10;231-41	3
8398	H. Y. K. Kwak, H. Y.Lee, H. Y.Jung, S. P.Woo, S. U.Son, G. S.Lee, J. B.Bae, J. W., Robotic thyroidectomy using bilateral axillo-breast approach: Comparison of surgical results with open conventional thyroidectomy. Journal of Surgical Oncology. 2015;111;141-5	12
8399	A. M. Hughes-Hallett, E. K.Pratt, P.Mottrie, A.Darzi, A.Vale, J., The current and future use of imaging in urological robotic surgery: a survey of the European Association of Robotic Urological Surgeons. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;44787	4
8400	S. C. C. Carter, A.Shah, G.Kwan, L.Montgomery, J. S.Karam, A.Tarnay, C.Guru, K. A.Hu, J. C., Video-based peer feedback through social networking for robotic surgery simulation: a multicenter randomized controlled trial. Annals of Surgery. 2015;261;870-5	4
8401	J. G. Busch, M. L.Leva, N.Ferrari, M.Cash, H.Kempkensteffen, C.Hinz, S.Miller, K.Magheli, A., Matched comparison of robot-assisted, laparoscopic and open radical prostatectomy regarding pathologic and oncologic outcomes in obese patients. World Journal of Urology. 2015;33;397-402	12
8402	N. P. B. Kajiwara, J.Kato, Y.Kakihana, M.Ohira, T.Kawate, N.Ikeda, N., Cost-Benefit Performance of Robotic Surgery Compared with Video-Assisted Thoracoscopic Surgery under the Japanese National Health Insurance System. Annals of Thoracic & Cardiovascular Surgery. 2015;21;95-101	4
8403	S. M. A. Cheney, P. E.Leibovich, B. C.Castle, E. P., Robot-assisted retroperitoneal lymph node dissection: technique and initial case series of 18 patients. BJU International. 2015;115;114-20	3
8404	J. R. B. Kucharczyk, M.Landau, A.Graves, R.Everaerts, W.Birch, E.Murphy, D.Moon, D., Early experience and operative technique of robotic-assisted partial nephrectomy. ANZ Journal of Surgery. 2015;85;529-34	3
8405	K. P. Hammoudi, E.Kim, S.Bakhos, D.Moriniere, S., Transoral robotic surgery versus conventional surgery in treatment for squamous cell carcinoma of the upper aerodigestive tract. Head & Neck. 2015;37;1304-9	12

8406	A. L. A. de Castro Abreu, R. A.Berger, A. K.Chopra, S.Marien, A.Santomauro, M.Satkunasivam, R.Sun, Y.Aron, M.Ukimura, O.Desai, M. M.Gill, I. S., Robotic implantation of biodegradable regenerative urinary conduit: experimental study. Journal of Endourology. 2015;29;19176	7
8407	T. S. Kawai, M.Nishizawa, Y.Horise, Y.Nishikawa, A.Nakamura, T., Mobile locally operated detachable end-effector manipulator for endoscopic surgery. International Journal of Computer Assisted Radiology & Surgery. 2015;10;161-9	3
8408	P. T. B. Gellhaus, A.Monn, M. F.Gardner, T. A.Kanagarajah, P.Reilly, C. E.Llukani, E.Lee, Z.Eun, D. D.Rashid, H.Joseph, J. V.Ghazi, A. E.Wu, G.Boris, R. S., Robotic management of genitourinary injuries from obstetric and gynaecological operations: a multi-institutional report of outcomes. BJU International. 2015;115;430-6	12
8409	S. H. Tanaka, K.Ida, Y.Tomita, K.Kato, I.Arai, F.Ueta, T.Noda, Y.Sugita, N.Mitsuishi, M., Quantitative assessment of manual and robotic microcannulation for eye surgery using new eye model. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2015;11;210-7	3
8410	Z. L. Wu, M.Song, S.Ye, H.Yang, Q.Liu, B.Cai, C.Yang, B.Xiao, L.Chen, Q.Lu, C.Gao, X.Xu, C.Gao, X.Hou, J.Wang, L.Sun, Y., Propensity-score matched analysis comparing robot-assisted with laparoscopic partial nephrectomy. BJU International. 2015;115;437-45	13
8411	A. B. Papachristos, M.Te Marvelde, L.Moon, D., Laparoscopic versus robotic-assisted radical prostatectomy: an Australian single-surgeon series. ANZ Journal of Surgery. 2015;85;154-8	12
8412	H. N. Azimian, M. D.Kiaii, B.Patel, R. V., A chance-constrained programming approach to preoperative planning of robotic cardiac surgery under task-level uncertainty. IEEE Journal of Biomedical & Health Informatics. 2015;19;612-22	3
8413	A. C. Becker, C.Adam, M.Tennstedt, P.Kluth, L.Steuber, T.Heinzer, H.Graefen, M.Schlomm, T.Michl, U., Safe-R: a novel score, accounting for oncological safe nerve-sparing at radical prostatectomy for localized prostate cancer. World Journal of Urology. 2015;33;77-83	3
8414	E. J. C. Park, M. S.Baek, S. J.Hur, H.Min, B. S.Baik, S. H.Lee, K. Y.Kim, N. K., Long-term oncologic outcomes of robotic low anterior resection for rectal cancer: a comparative study with laparoscopic surgery. Annals of Surgery. 2015;261;129-37	12
8415	N. M. L. Buffi, G.Fossati, N.Lazzeri, M.Guazzoni, G.Lista, G.Larcher, A.Abrate, A.Fiori, C.Cestari, A.Porpiglia, F., Robot-assisted, single-site, dismembered pyeloplasty for ureteropelvic junction obstruction with the new da Vinci platform: a stage 2a study. European Urology. 2015;67;151-156	3
8416	A. R. Chowriappa, S. J.Fazili, A.Field, E.Malito, C.Samarasekera, D.Shi, Y.Ahmed, K.Wilding, G.Kaouk, J.Eun, D. D.Ghazi, A.Peabody, J. O.Kesavadas, T.Mohler, J. L.Guru, K. A., Augmented-reality-based skills training for robot-assisted urethrovesical anastomosis: a multi-institutional randomised controlled trial. BJU International. 2015;115;336-45	4
8417	J. W. S. van Loon, L. E.Hilgers, F. J.van den Brekel, M. W., Outcome of transoral robotic surgery for stage I-II oropharyngeal cancer. European Archives of Oto-Rhino-Laryngology. 2015;272;175-83	3
8418	R. K. T. Tsang, V. S.Ho, A. C.Ho, W. K.Chan, J. Y.Wei, W. I., Early results of robotic assisted nasopharyngectomy for recurrent nasopharyngeal carcinoma. Head & Neck. 2015;37;788-93	3
8419	M. S. Alemozaffar, M.Yecies, D.Mucci, L. A.Stampfer, M. J.Kenfield, S. A., Benchmarks for operative outcomes of robotic and open radical prostatectomy: results from the Health Professionals Follow-up Study. European Urology. 2015;67;432-8	12

8420	C. S. Schmid-Tannwald, F. F.Theisen, D.Muacevic, A.Stintzing, S.Reiser, M. F.Trumm, C. G., Diffusion-weighted MRI Before and After Robotic Radiosurgery (Cyberknife R) in Primary and Secondary Liver Malignancies: A Pilot Study. Technology in Cancer Research & Treatment. 2015;14;191-9	2
8421	C. C. Y. Chen, C. K.Hung, S. W.Wang, J.Ou, Y. C., Outcome of vesicourethral anastomosis after robot-assisted laparoscopic radical prostatectomy: A 6-year experience in Taiwan. Journal of the Formosan Medical Association. 2015;114;959-64	3
8422	K. A. E. Guru, E. T.Raza, S. J.Bhat, R.Wang, K.Hammond, Y.Wilding, G.Peabody, J. O.Chowriappa, A. J., Cognitive skills assessment during robot-assisted surgery: separating the wheat from the chaff. BJU International. 2015;115;166-74	4
8423	A. M. D. Chen, M. E.Luu, Q.Donald, P. J.Farwell, D. G., Comparison of functional outcomes and quality of life between transoral surgery and definitive chemoradiotherapy for oropharyngeal cancer. Head & Neck. 2015;37;381-5	13
8424	W. S. B. Kim, H. K.Park, Y. M.Ha, J. G.Kim, E. S.Koh, Y. W.Choi, E. C., Therapeutic robot-assisted neck dissection via a retroauricular or modified facelift approach in head and neck cancer: a comparative study with conventional transcervical neck dissection. Head & Neck. 2015;37;249-54	12
8425	D. D. Kannarunimit, M.Garcia, A.Chen, J.Weinberg, V.McGuinness, C.Pinnaduwage, D.Murnane, J.Gottschalk, A. R.Yom, S. S., Analysis of dose distribution and risk of pneumonitis in stereotactic body radiation therapy for centrally located lung tumors: a comparison of robotic radiosurgery, helical tomotherapy and volumetric modulated arc therapy. Technology in Cancer Research & Treatment. 2015;14;49-60	12
8426	B. K. Seup Kim, K. H.Park, S. J., Robotic modified radical neck dissection by bilateral axillary breast approach for papillary thyroid carcinoma with lateral neck metastasis. Head & Neck. 2015;37;37-45	12
8427	P. P. Sooriakumaran, A.Nyberg, T.Olsson, M.Akre, O.Haendler, L.Egevad, L.Nilsson, A.Carlsson, S.Jonsson, M.Adding, C.Hosseini, A.Steineck, G.Wiklund, P., The impact of length and location of positive margins in predicting biochemical recurrence after robot-assisted radical prostatectomy with a minimum follow-up of 5 years. BJU International. 2015;115;106-13	3
8428	E. C. Vizza, G.Mancini, E.Vici, P.Sergi, D.Baiocco, E.Patrizi, L.Saltari, M.Pomati, G.Cutillo, G., Laparoscopic versus robotic radical hysterectomy after neoadjuvant chemotherapy in locally advanced cervical cancer: a case control study. European Journal of Surgical Oncology. 2015;41;142-7	13
8429	M. A. I. Cooper, A.Lyu, H.Makary, M. A., Underreporting of robotic surgery complications. Journal for Healthcare Quality. 2015;37;133-8	3
8430	P. S. Sooriakumaran, A.Shariat, S. F.Stricker, P. D.Ahlering, T.Eden, C. G.Wiklund, P. N.Sanchez-Salas, R.Mottrie, A.Lee, D.Neal, D. E.Ghavamian, R.Nyirady, P.Nilsson, A.Carlsson, S.Xylinas, E.Loidl, W.Seitz, C.Schramek, P.Roehrborn, C.Cathelineau, X.Skarecky, D.Shaw, G.Warren, A.Delprado, W. J.Haynes, A. M.Steyerberg, E.Roobol, M. J.Tewari, A. K., A multinational, multi-institutional study comparing positive surgical margin rates among 22393 open, laparoscopic, and robot-assisted radical prostatectomy patients. European Urology. 2014;66;450-6	12
8431	R. G. Randell, J.Hindmarsh, J.Dowding, D.Jayne, D.Pearman, A.Gardner, P.Croft, J.Kotze, A., Integration of robotic surgery into routine practice and impacts on communication, collaboration, and decision making: a realist process evaluation protocol. Implementation Science. 2014;9;52	3
8432	J. D. Best, L.Ingram, L.Musgrave, B.Rushing, H.Schooley, B., Comparison of Robotic vs. Standard Surgical Procedure on Postoperative Nursing Care of Women Undergoing Total Abdominal Hysterectomy. MEDSURG Nursing. 2014;23;414-21	13
8433	C. R. Cazac, G., Telesurgery--an efficient interdisciplinary approach used to improve the health care system. Journal of Medicine & Life. 7 Spec No. 2014;3;137-41	8

8434	S. R. K. Kim, K. H., Robotic liver resection: a single surgeon's experience. Hepato-Gastroenterology. 2014;61;59353	3
8435	S. A. Lau, S.Rosberger, Z.Gourdji, I.How, J.Gotlieb, R.Drummond, N.Eniu, I.Abitbol, J.Gotlieb, W., Health-related quality of life following robotic surgery: a pilot study. Journal of Obstetrics & Gynaecology Canada: JOGC. 2014;36;1071-1078	3
8436	M. H. C. Liow, P. L.Tay, K. J.Chia, S. L.Lo, N. N.Yeo, S. J., Early experiences with robot-assisted total knee arthroplasty using the DigiMatch TM ROBODOC R surgical system. Singapore Medical Journal. 2014;55;529-34	3
8437	S. R. Z. Mehr, M. P., Robotic-assisted surgery: a question of value. American Journal of Managed Care. 2014;20;E13	8
8438	S. V. Lukacs, J.Mazaris, E., Difference between actual vs. pathology prostate weight in TURP and radical robotic-assisted prostatectomy specimen. International Braz J Urol. 2014;40;823-7	3
8439	A. Blue Cross Blue Shield, Critical issues in robotic surgery. Technology Evaluation Center Assessment Program. Executive Summary. 2014;29;1	8
8440	T. H. Okubo, K.Fujii, M.Tanaka, S.Ishimaru, T.Iwanaka, T.Nakatomi, H.Sora, S.Morita, A.Sugita, N.Mitsuishi, M., Hand-held multi-DOF robotic forceps for neurosurgery designed for dexterous manipulation in deep and narrow space. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2014;2014;6868-71	2
8441	A. G. Gupta, B.Balicki, M.Olds, K.Handa, J.Gehlbach, P.Taylor, R. H.Iordachita, I., Human eye phantom for developing computer and robot-assisted epiretinal membrane peeling. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2014;2014;1813248	2
8442	X. G. He, P.Handa, J.Taylor, R.Iordachita, I., Toward robotically assisted membrane peeling with 3-DOF distal force sensing in retinal microsurgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2014;2014;6859-63	3
8443	F. M. Alambeigi, R. J.Basafa, E.Taylor, R. H.Armand, M., Control of the coupled motion of a 6 DoF robotic arm and a continuum manipulator for the treatment of pelvis osteolysis. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2014;2014;1687908	2
8444	M. C. Parchami, J. A.Mariottini, G. L., Endoscopic stereo reconstruction: a comparative study. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2014;2014;197293	8
8445	U. L. Sinha, B.Sankaranarayanan, G., Modeling and control of tissue compression and temperature for automation in robot-assisted surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2014;2014;366-70	8
8446	J. L. Guo, C.Poignet, P., Scaled position-force tracking for wireless teleoperation of miniaturized surgical robotic system. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2014;2014;361-5	8
8447	A. C. Patriti, F.Ratti, F.Bartoli, A.Ceccarelli, G.Casciola, L.Aldrighetti, L., Robot-assisted versus open liver resection in the right posterior section. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Jul-Sep	12
8448	H. J. S. Jang, W.Suh, Y. S.Jeong, U. S.Jeon, H. G.Jeong, B. C.Jeon, S. S.Lee, H. M.Choi, H. Y.Seo, S. I., Comparison of perioperative outcomes of robotic versus laparoscopic partial nephrectomy for complex renal tumors (RENAL nephrometry score of 7 or higher). Korean Journal of Urology. 2014;55;808-13	13
8449	Y. S. J. Suh, H. J.Song, W.Lee, H. W.Kim, H. S.Jeon, H. G.Jeong, B. C.Seo, S. I.Jeon, S. S.Choi, H. Y.Lee, H. M., Location of positive surgical margin and its association with biochemical recurrence rate do not differ significantly in four different types of radical prostatectomy. Korean Journal of Urology. 2014;55;802-7	12

8450	J. C. Franasiak, R.Mosaly, P.Gehrig, P. A., Feasibility and acceptance of a robotic surgery ergonomic training program. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Oct-Dec	4
8451	B. B. H. Trinh, A. T.Buell, J. F.Kandil, E., Robot-assisted versus standard laparoscopic colorectal surgery. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Oct-Dec	12
8452	F. R. S. Nezhat, I., Perioperative outcomes of robotic assisted laparoscopic surgery versus conventional laparoscopy surgery for advanced-stage endometriosis. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Oct-Dec	13
8453	H. S. Nakamura, T.Ikeda, N.Okada, M.Date, H.Oda, M.Iwasaki, A., Initial results of robot-assisted thoracoscopic surgery in Japan. General Thoracic & Cardiovascular Surgery. 2014;62;720-5	3
8454	A. D. Parisi, J.Trastulli, S.Cirocchi, R.Ricci, F.Farinacci, F.Mangia, A.Boselli, C.Noya, G.Filippini, A.D'Andrea, V.Santoro, A., Robotic rectal resection for cancer: a prospective cohort study to analyze surgical, clinical and oncological outcomes. International Journal Of Surgery. 2014;12;1456-61	3
8455	M. T. Joubert, T.Lefranc, J. P.Vaessen, C.Chartier-Kastler, E.Deffieux, X.Roupret, M., Comparison of functional outcomes with purely laparoscopic sacrocolpopexy and robot-assisted sacrocolpopexy in obese women. Progres en Urologie. 2014;24;1106-13	13
8456	M. A. F. Ulm, N. D.Rallapali, V.Munsell, M. F.Ramirez, P. T.Westin, S. N.Nick, A. M.Schmeler, K. M.Soliman, P. T., Position-related injury is uncommon in robotic gynecologic surgery. Gynecologic Oncology. 2014;135;534-8	3
8457	G. B. W. Di Pierro, J. G.Ferrari, M.Danuser, H.Mattei, A., Impact of a single-surgeon learning curve on complications, positioning injuries, and renal function in patients undergoing robot-assisted radical prostatectomy and extended pelvic lymph node dissection. Urology. 2014;84;1106-11	4
8458	J. U. K. Stolzenburg, P.Qazi, H.Ho Thi, P.Dietel, A.Liatsikos, E. N.Do, M., Extraperitoneal approach for robotic-assisted simple prostatectomy. Urology. 2014;84;1099-105	3
8459	G. C. Fournier, P.Thoulouzan, M.Valeri, A.Perrouin-Verbe, M. A., Robotic-assisted laparoscopic implantation of artificial urinary sphincter in women with intrinsic sphincter deficiency incontinence: initial results. Urology. 2014;84;1094-8	3
8460	C. M. C. Yang, H. J.Huang, Y. H.Lin, T. P.Lin, A. T.Chen, K. K., Standardized analysis of laparoscopic and robotic-assisted partial nephrectomy complications with Clavien classification. Journal of the Chinese Medical Association: JCMA. 2014;77;637-41	13
8461	J. D. K. Wright, A.Ananth, C. V.Burke, W. M.Tergas, A. I.Prendergast, E.Ramsey, S. D.Neugut, A. I.Hershman, D. L., Comparative effectiveness of robotically assisted compared with laparoscopic adnexal surgery for benign gynecologic disease. Obstetrics & Gynecology. 2014;124;886-896	13
8462	E. J. K. Park, C. W.Cho, M. S.Kim, D. W.Min, B. S.Baik, S. H.Lee, K. Y.Kim, N. K., Is the learning curve of robotic low anterior resection shorter than laparoscopic low anterior resection for rectal cancer?: a comparative analysis of clinicopathologic outcomes between robotic and laparoscopic surgeries. Medicine. 2014;93;e109	12
8463	S. S. B.-L. Jassim, H.Douglas, S. L.Haddad, F. S., Robotic and navigation systems in orthopaedic surgery: how much do our patients understand?. Clinics in Orthopedic Surgery. 2014;6;462-7	4
8464	C. E. V. Domene, P.Heitor, F. A., Robotic Roux-en-Y gastric bypass: operative results in 100 patients. ABCD, Arquivos Brasileiros de Cirurgia Digestiva. 2014;27 Suppl 1;44816	3

8465	W. S. B. Kim, M. J.Chang, J. W.Byeon, H. K.Kim, H.Han, J. H.Koh, Y. W.Choi, E. C., Learning curve for robot-assisted neck dissection in head and neck cancer: a 3-year prospective case study and analysis. JAMA Otolaryngology-- Head & Neck Surgery. 2014;140;1191-7	3
8466	P. B. Bhatia, V.Singh, R.Gonzalez-Heredia, R.Kalhan, S.Khetan, M.John, S., Robot-assisted sleeve gastrectomy in morbidly obese versus super obese patients. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Jul-Sep	3
8467	M. S. A. Tam, M.Abbas, M. A., Robotic-laparoscopic rectal cancer excision versus traditional laparoscopy. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Jul-Sep	12
8468	G. M. S. Badalato, E.Rothberg, M. B.Bergman, A.RoyChoudhury, A.Korets, R.Patel, T.Badani, K. K., The da vinci robot system eliminates multispecialty surgical trainees' hand dominance in open and robotic surgical settings. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Jul-Sep	3
8469	M. L. S. Nguyen, E.LaFargue, C. J.Karsy, M.Pua, T. L.Gorelick, C.Tedjarati, S. S.Pradhan, T. S., Routine cystoscopy after robotic gynecologic oncology surgery. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Jul-Sep	3
8470	M. S. K. Bradley, K. L.Lowder, J. L.Winger, D.Wang, L.Shepherd, J. P., Adoption of robotic sacrocolpopexy at an academic institution. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Jul-Sep	3
8471	S. J. Crusco, T.Advincula, A., Comparing the da Vinci si single console and dual console in teaching novice surgeons suturing techniques. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Jul-Sep	3
8472	M. R. R. Hopkins, A. M.Cheng, G.Davidson, S.Spillman, M. A.Sheeder, J.Post, M. D.Guntupalli, S. R., Lymphovascular space invasion in robotic surgery for endometrial cancer. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;Jul-Sep	13
8473	S. E. T. Elsamra, N.Garden, B.Alom, M.Waingankar, N.Leavitt, D. A.Kreshover, J.Schwartz, M.Kavoussi, L. R.Richstone, L., Open, laparoscopic, and robotic ureteroneocystotomy for benign and malignant ureteral lesions: a comparison of over 100 minimally invasive cases. Journal of Endourology. 2014;28;1455-9	13
8474	N. Lee, Robotic surgery: where are we now?. Lancet. 2014;384;1417	8
8475	G. A. Olgin, M.Han, D.Li, R.Lightfoot, M.Smith, D.Nicolay, L.Ruckle, H.Baldwin, D. D., Postoperative cystogram findings predict incontinence following robot-assisted radical prostatectomy. Journal of Endourology. 2014;28;1460-3	3
8476	H. A. Laydner, O.Autorino, R.Eyraud, R.Zargar, H.Brandao, L. F.Khalifeh, A.Panumatrassamee, K.Long, J. A.Isac, W.Stein, R. J.Kaouk, J. H., Perineal robot-assisted laparoscopic radical prostatectomy: feasibility study in the cadaver model. Journal of Endourology. 2014;28;1479-86	7
8477	P. K. Verdonck, A. F.Suy, K.Geeraerts, T.Vercauteren, M.Mottrie, A.De Wolf, A. M.Hendrickx, J. F., Optic nerve sheath diameter remains constant during robot assisted laparoscopic radical prostatectomy. PLoS ONE [Electronic Resource]. 2014;9;e111916	3
8478	Y. D. K. Yu, K. H.Jung, D. H.Namkoong, J. M.Yoon, S. Y.Jung, S. W.Lee, S. K.Lee, S. G., Robotic versus laparoscopic liver resection: a comparative study from a single center. Langenbecks Archives of Surgery. 2014;399;1039-45	12
8479	T. L. Alrasheed, J.Hanasono, M. M.Butler, C. E.Selber, J. C., Robotic microsurgery: validating an assessment tool and plotting the learning curve. Plastic & Reconstructive Surgery. 2014;134;794-803	4

8480	T. Ind, AGAINST: Robotic surgery has no advantages over conventional laparoscopic surgery. BJOG: An International Journal of Obstetrics & Gynaecology. 2014;121;1555	8
8481	J. Einarsson, FOR: Robotic surgery has no advantages over conventional laparoscopic surgery. BJOG: An International Journal of Obstetrics & Gynaecology. 2014;121;1554	8
8482	J. K. Jang, H. W.Kim, Y. S., Construction and verification of a safety region for brain tumor removal with a telesurgical robot system. Minimally Invasive Therapy & Allied Technologies: Mitat. 2014;23;333-40	3
8483	Anonymous, The Joint Commission reports increase in robotic surgery-related sentinel events. Bulletin of the American College of Surgeons. 2014;99;16984	8
8484	S. E. S. Araujo, V. E.Klajner, S., Robotic surgery for rectal cancer: current immediate clinical and oncological outcomes. World Journal of Gastroenterology. 2014;20;14359-70	8
8485	R. W. Korets, A. C.Alberts, B. D.Woldu, S. L.Mann, M. J.Badani, K. K., Utilization and timing of blood transfusions following open and robot-assisted radical prostatectomy. Journal of Endourology. 2014;28;1418-23	12
8486	H. O. O. Garde Garcia, E.Ciappara Paniagua, M.Poma Medrano, L.Fuentes Ferrer, M.Vera Gonzalez, V.Moreno Sierra, J., Interest areas for training in endourology, laparoscopy and robotics: results of a multicentric survey among Spanish residents. Archivos Espanoles de Urologia. 2014;67;673-83	4
8487	G. J. S. Kocher, R. A.Melfi, F. M., Robotic lobectomy: tips, pitfalls and troubleshooting. European Journal of Cardio-Thoracic Surgery. 2014;46;e136-8	8
8488	T. P. M. Cundy, H. J.Hughes-Hallett, A.Najmaldin, A. S.Yang, G. Z.Darzi, A., International attitudes of early adopters to current and future robotic technologies in pediatric surgery. Journal of Pediatric Surgery. 2014;49;1522-6	3
8489	J. Z. Heemskerk, H. R.Keet, S. W.Martijnse, I.van Montfort, G.Peters, R. J.Svircevic, V.Bouwman, R. A.Baeten, C. G.Bouvy, N. D., Relax, it's just laparoscopy! A prospective randomized trial on heart rate variability of the surgeon in robot-assisted versus conventional laparoscopic cholecystectomy. Digestive Surgery. 2014;31;225-32	4
8490	F. H. T. Koh, K. K.Lieske, B.Tsang, M. L.Tsang, C. B.Koh, D. C., Endowrist versus wrist: a case-controlled study comparing robotic versus hand-assisted laparoscopic surgery for rectal cancer. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2014;24;452-6	12
8491	T. A. H. Glazer, P. T.Spector, M. E., Transoral robotic surgery for obstructive sleep apnea: perioperative management and postoperative complications. JAMA Otolaryngology-- Head & Neck Surgery. 2014;140;1207-12	3
8492	M. T. M. Young, G.Feldmann, T. F.Mills, S.Carmichael, J.Stamos, M. J.Pigazzi, A., Laparoscopic versus robotic-assisted rectal surgery: a comparison of postoperative outcomes. American Surgeon. 2014;80;1059-63	12
8493	J. M. K. Sandberg, L. S.Hemal, A. K., A nonrandomized prospective comparison of robotic-assisted partial nephrectomy in the elderly to a younger cohort: an analysis of 339 patients with intermediate-term follow-up. Urology. 2014;84;838-43	3
8494	R. E. H. Hautmann, H. W.Pruthi, R. S.Aron, M., Robotic radical cystectomy--is the diversion the Achilles' heel?. Journal of Urology. 2014;192;1601-3	8
8495	L. A. Brunsting, 3rdSnyder, A. B.Espinal, E. A.Srivastava, S. P., Robotically assisted, completely endoscopic transmyocardial revascularization is feasible. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2014;9;379-82; discussion 382	3

8496	A. T. Escoto, A. L.Patel, R. V.Goela, A.Kiaii, B., Anatomy-based eligibility measure for robotic-assisted bypass surgery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2014;9;349-53; discussion 353	3
8497	G. F. Leyvi, S. J.Srinivas, V. S.Greenberg, M.Wang, N.Mais, A.Snyder, M. J.DeRose, J. J., Jr., Robotic coronary artery bypass grafting decreases 30-day complication rate, length of stay, and acute care facility discharge rate compared with conventional surgery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2014;9;361-7; discussion 367	13
8498	J. M. K. Mobley, E. H.Larson, J. A.Figenshau, R. S.Vetter, J. M.Johnson, M. H.Bhayani, S. B., Patients with pathologically proven renal disease have similar declines in renal function following robot-assisted partial nephrectomy. Journal of Endourology. 2014;28;1429-34	3
8499	G. L. R. Fifer, M. C.Selph, P.Woods, M. E.Wallen, E. M.Viprakasit, D. P.Nielsen, M. E.Smith, A. M.Pruthi, R. S., Robotic ureteral reconstruction distal to the ureteropelvic junction: a large single institution clinical series with short-term follow up. Journal of Endourology. 2014;28;1424-8	3
8500	C. G. Xiao, C.Yang, M.Wang, G.Wu, Y.Wang, J.Wang, R.Yao, M., Totally robotic atrial septal defect closure: 7-year single-institution experience and follow-up. Interactive Cardiovascular & Thoracic Surgery. 2014;19;933-7	3
8501	H. K. H. Byeon, F. C.Tufano, R. P.Chung, H. J.Kim, W. S.Koh, Y. W.Choi, E. C., Robotic total thyroidectomy with modified radical neck dissection via unilateral retroauricular approach. Annals of Surgical Oncology. 2014;21;720381	3
8502	W. H. Ullah, R. J.Haldar, S.McLean, A.Dhinoja, M.Sporton, S.Earley, M. J.Lorgat, F.Wong, T.Schilling, R. J., Comparison of robotic and manual persistent AF ablation using catheter contact force sensing: an international multicenter registry study. Pacing & Clinical Electrophysiology. 2014;37;1427-35	12
8503	X. A. Gu, M.Wong, C., Does elevated body mass index (BMI) affect the clinical outcomes of robot-assisted laparoscopic prostatectomy (RALP): a prospective cohort study. International Journal Of Surgery. 2014;12;1055-60	3
8504	S. R. Ayloo, Y.Choudhury, N., Laparoscopic versus robot-assisted cholecystectomy: a retrospective cohort study. International Journal Of Surgery. 2014;12;1077-81	12
8505	V. H. Letouzey, S.Faillie, J. L.Prudhomme, M.Mares, P.de Tayrac, R., Evaluation of a laparoscopic training program with or without robotic assistance. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2014;181;321-7	4
8506	K. N. S. Babaian, D.Liss, M. A.Osann, K.Lusch, A.Ahlering, T. E., A comparative analysis of complications after robot-assisted radical prostatectomy for men aged <=69 and >=70 years. Journal of Endourology. 2014;28;1435-8	3
8507	T. H. C. Kim, C. H.Choi, J. K.Yoon, A.Lee, Y. Y.Kim, T. J.Lee, J. W.Bae, D. S.Kim, B. G., Robotic versus laparoscopic radical hysterectomy in cervical cancer patients: a matched-case comparative study. International Journal of Gynecological Cancer. 2014;24;1466-73	13
8508	G. I. Watanabe, N., Alternative method for cardioplegia delivery during totally endoscopic robotic intracardiac surgery. Annals of Thoracic Surgery. 2014;98;1129-31	8
8509	K. K. R. Badani, M. B.Bergman, A.Silva, M. V.Shapiro, E. Y.Nieder, A.Patel, T.Bhandari, A., Robot-assisted nephroureterectomy and bladder cuff excision without patient or robot repositioning: description of modified port placement and technique. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2014;24;647-50	3

8510	A. S. M. Bats, M.Bensaid, C.Seror, J.Douay-Hauser, N.Nos, C.Lecuru, F., Robotic extraperitoneal paraaortic lymphadenectomy in gynecological cancers: feasibility, safety, and short-term outcomes of isolated and combined procedures. International Journal of Gynecological Cancer. 2014;24;1486-92	3
8511	T. Y. Sugihara, H.Horiguchi, H.Matsui, H.Fujimura, T.Nishimatsu, H.Fukuhara, H.Kume, H.Changhong, Y.Kattan, M. W.Fushimi, K.Homma, Y., Robot-assisted versus other types of radical prostatectomy: population-based safety and cost comparison in Japan, 2012-2013. Cancer Science. 2014;105;1421-6	12
8512	S. H. Tobis, J. E.Ruel, N.Lau, C.Kawachi, M.Wilson, T.Chan, K., Effect of alvimopan on return of bowel function after robot-assisted radical cystectomy. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2014;24;693-7	3
8513	Z. K. Zhe, H.Xuezeng, X.Yunge, C.Zengshan, M.Huiming, G.Liming, L.Liang, T.Zhiwei, W.Hansong, S.Shengshou, H., Totally thoracoscopic versus open surgery for closure of atrial septal defect: propensity-score matched comparison. Heart Surgery Forum. 2014;17;E227-31	2
8514	P. H. H. Desai, P.Tobias, D. H.Tchabo, N.Heller, P. B.Dise, C.Slomovitz, B. M., Accuracy of robotic sentinel lymph node detection (RSLND) for patients with endometrial cancer (EC). Gynecologic Oncology. 2014;135;196-200	3
8515	J. S. K. Yoo, J. B.Jung, S. H.Kim, D. H.Choo, S. J.Chung, C. H.Lee, J. W., Mitral durability after robotic mitral valve repair: analysis of 200 consecutive mitral regurgitation repairs. Journal of Thoracic & Cardiovascular Surgery. 2014;148;319102	3
8516	K. S. G. Murray, J.Feng, Y.Mirza, M.Thrasher, J. B.Lopez-Corona, E.Duchene, D. A., Modifier 22 on perioperative outcomes of robotic assisted laparoscopic prostatectomy. Canadian Journal of Urology. 2014;21;2003601	3
8517	H. E.-M. Al-Thani, A.Rasul, K. I.Al-Sulaiti, M.El-Mabrok, J.Hajaji, K.Elgohary, H.Tabeb, A., Clinical presentation, management and outcomes of gastrointestinal stromal tumors. International Journal Of Surgery. 2014;12;1127-33	2
8518	V. Tiwari, Calculating the true cost of robotic hysterectomy. Healthcare Financial Management. 2014;68;29342	10
8519	J. R. P.-D. Ramos, E., Four-arm single docking full robotic surgery for low rectal cancer: technique standardization. Revista do Colegio Brasileiro de Cirurgioes. 2014;41;216-23	8
8520	M. A. S. Liss, S. P.Qin, Z.Hoh, C. K.Hall, D. J.Vera, D. R.Kane, C. J., Robotic-assisted fluorescence sentinel lymph node mapping using multimodal image guidance in an animal model. Urology. 2014;84;982.e9-14	7
8521	R. W. C. Gruessner, R.Galvani, C.Rana, A.Porubsky, M.Gruessner, A. C.Rilo, H., Results of open and robot-assisted pancreatectomies with autologous islet transplantations: treating chronic pancreatitis and preventing surgically induced diabetes. Transplantation Proceedings. 2014;46;28734	3
8522	H. K. Lee, K.Hwang, S. I.Lee, H. J.Byun, S. S.Lee, S. E.Hong, S. K., Impact of prostatic apical shape and protrusion on early recovery of continence after robot-assisted radical prostatectomy. Urology. 2014;84;844-9	3
8523	T. D. Williamson, X.Bell, B.Coulson, C.Caversaccio, M.Proops, D.Brett, P.Weber, S., Mechatronic feasibility of minimally invasive, atraumatic cochleostomy. BioMed Research International. 2014;2014;181624	3
8524	A. S. Gordon, D. W.Ahlering, T., Long-term outcomes in severe lower urinary tract symptoms in men undergoing robotic-assisted radical prostatectomy. Urology. 2014;84;826-31	3

8525	C. M. Barr, T. K.Prabhu, P.Butler-Manuel, S.Tailor, A., Cerebral oedema following robotic surgery: a rare complication. Archives of Gynecology & Obstetrics. 2014;290;1041-4	3
8526	G. H. v. d. B. KleinJan, N. S.Brouwer, O. R.de Jong, J.Acar, C.Wit, E. M.Vegt, E.van der Noort, V.Valdes Olmos, R. A.van Leeuwen, F. W.van der Poel, H. G., Optimisation of fluorescence guidance during robot-assisted laparoscopic sentinel node biopsy for prostate cancer. European Urology. 2014;66;991-8	3
8527	C. A. P. Unger, M. F.Jelovsek, J. E.Barber, M. D.Ridgeway, B., Perioperative adverse events after minimally invasive abdominal sacrocolpopexy. American Journal of Obstetrics & Gynecology. 2014;211;547.e1-8	13
8528	S. G. Senay, A. U.Kocyigit, M.Degirmencioglu, A.Kilic, L.Karabulut, H.Alhan, C., Robotic mitral valve replacement for severe rheumatic mitral disease: perioperative technique, outcomes, and early results. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2014;9;292-6	3
8529	D. B. E. Liu, C.Flum, A. S.Casey, J. T.Gong, E. M., Contemporary national comparison of open, laparoscopic, and robotic-assisted laparoscopic pediatric pyeloplasty. Journal of pediatric urology. 2014;10;610-5	13
8530	J. V. Brown, 3rdMendivil, A. A.Abaid, L. N.Rettenmaier, M. A.Micha, J. P.Wabe, M. A.Goldstein, B. H., The safety and feasibility of robotic-assisted lymph node staging in early-stage ovarian cancer. International Journal of Gynecological Cancer. 2014;24;1493-8	3
8531	J. H. Teishima, K.Inoue, S.Goto, K.Ikeda, K.Ohara, S.Kobayashi, K.Kajiwara, M.Matsubara, A., Comparison of initial experiences of robot-assisted radical cystectomy with those of laparoscopic for bladder cancer. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2014;9;322-6	13
8532	R. M. Saglam, A. Y.Tokatli, Z.Caskurlu, T.Sarica, K.Tasci, A. I.Erkurt, B.Suer, E.Kabakci, A. S.Preminger, G.Traxer, O.Rassweiler, J. J., A new robot for flexible ureteroscopy: development and early clinical results (IDEAL stage 1-2b). European Urology. 2014;66;1092-100	3
8533	J. S. Pedersen, D. H.Selber, J. C., Robotic, intraperitoneal harvest of the rectus abdominis muscle. Plastic & Reconstructive Surgery. 2014;134;1057-1063	3
8534	Y. H. Zhang, B. K.Schroeck, F. R.Jacobs, B. L., Managed care and the dissemination of robotic prostatectomy. Surgical Innovation. 2014;21;566-71	4
8535	S. E. B.-G. Ford, M.Carroll, W. R.Rosenthal, E. L.Magnuson, J. S., Transoral robotic versus open surgical approaches to oropharyngeal squamous cell carcinoma by human papillomavirus status. Otolaryngology - Head & Neck Surgery. 2014;151;606-11	13
8536	K. C. Y. Koo, Y. E.Chung, B. H.Hong, S. J.Rha, K. H., Analgesic opioid dose is an important indicator of postoperative ileus following radical cystectomy with ileal conduit: experience in the robotic surgery era. Yonsei Medical Journal. 2014;55;1359-65	13
8537	G. W. K. Yim, S. W.Nam, E. J.Kim, S.Kim, H. J.Kim, Y. T., Surgical outcomes of robotic radical hysterectomy using three robotic arms versus conventional multiport laparoscopy in patients with cervical cancer. Yonsei Medical Journal. 2014;55;1222-30	13
8538	J. H. H. Kaouk, G. P.Autorino, R.Crouzet, S.Ouzzane, A.Flamand, V.Villers, A., A novel robotic system for single-port urologic surgery: first clinical investigation. European Urology. 2014;66;1033-43	3
8539	T. S. Manchana, N.Vasuratna, A.Termrungruanglert, W.Tresukosol, D.Wisawasukmongchol, W., Feasibility and safety of robotic surgery for gynecologic cancers. Asian Pacific Journal of Cancer Prevention: Apjcp. 2014;15;5359-64	3
8540	B. W. F. Lindgren, B. T.Cheng, E. Y.Yerkes, E. B.Gong, E. M., Robot assisted laparoscopic pyeloplasty in obese and non-obese patients. Journal of pediatric urology. 2014;10;1206-11	3

8541	C. K. C. Yang, S. D.Hung, S. F.Wu, W. C.Ou, Y. C.Huang, C. Y.Pu, Y. S., Robot-assisted nephroureterectomy for upper tract urothelial carcinoma: the Taiwan Robot Urological Surgery Team (TRUST) experience. World Journal of Surgical Oncology. 2014;12;219	3
8542	Y. K. Naoi, N.Yamamoto, K.Yoda, K., A planning target volume margin formula for hypofractionated intracranial stereotactic radiotherapy under cone beam CT image guidance with a six-degrees-of-freedom robotic couch and a mouthpiece-assisted mask system: a preliminary study. British Journal of Radiology. 2014;87;20140240	2
8543	M. A. F.-H. Liss, S.Qin, Z.Hickey, S. A.Hall, D. J.Kane, C. J.Vera, D. R., Preclinical evaluation of robotic-assisted sentinel lymph node fluorescence imaging. Journal of Nuclear Medicine. 2014;55;1552-6	7
8544	M. F. B. Monn, C. D.Flack, C. K.Dube, H. T.Sundaram, C. P., The impact of hospital volume on postoperative complications following robot-assisted partial nephrectomy. Journal of Endourology. 2014;28;1231-6	4
8545	G. A. Niegisch, P.Rabenalt, R., Perioperative complications and oncological safety of robot-assisted (RARC) vs. open radical cystectomy (ORC). Urologic Oncology. 2014;32;966-74	13
8546	R. M. Kirkner, Rush to robotic surgery outpaces medical evidence, critics say. Managed Care. 2014;23;26-9, 33-5	8
8547	M. M. G. Desai, I. S.de Castro Abreu, A. L.Hosseini, A.Nyberg, T.Adding, C.Laurin, O.Collins, J.Miranda, G.Goh, A. C.Aron, M.Wiklund, P., Robotic intracorporeal orthotopic neobladder during radical cystectomy in 132 patients. Journal of Urology. 2014;192;1734-40	3
8548	D. C. Caputo, M.La Vaccara, V.Capolupo, G. T.Coppola, R., Conversion in mini-invasive colorectal surgery: the effect of timing on short term outcome. International Journal Of Surgery. 2014;12;805-9	3
8549	G. M. M. Grimsby, Z.Jacobs, M. A.Gargollo, P. C., Laparoscopic-assisted ureteroureterostomy for duplication anomalies in children. Journal of Endourology. 2014;28;1173-7	3
8550	S. Y. L. Kwon, J. N.Kim, H. T.Kim, T. H.Kim, B. W.Choi, G. S.Kwon, T. G., Endopelvic fascia preservation during robot-assisted laparoscopic radical prostatectomy: does it affect urinary incontinence?. Scandinavian Journal of Urology. 2014;48;506-12	3
8551	B. L. Wehman, E. J.Lahiji, K.Lee, J. D.Kon, Z. N.Jeudy, J.Griffith, B. P.Bonatti, J., Patient anatomy predicts operative time in robotic totally endoscopic coronary artery bypass surgery. Interactive Cardiovascular & Thoracic Surgery. 2014;19;572-6	3
8552	D. E. T. Giza, S.Purnichescu-Purtan, R. R.Vasilescu, C., Robotic splenectomy: what is the real benefit?. World Journal of Surgery. 2014;38;3067-73	12
8553	J. K. M. Parsons, K.Palazzi, K.Stroup, S. P.Chang, D., Diffusion of surgical innovations, patient safety, and minimally invasive radical prostatectomy. JAMA Surgery. 2014;149;845-51	12
8554	J. K. R. Ferrell, S.Karni, R. J.Yuksel, S., Applications for transoral robotic surgery in the pediatric airway. Laryngoscope. 2014;124;266749	3
8555	H. C. Tranchart, C.Ferretti, S.Dagher, I.Patriti, A., Traditional versus robot-assisted full laparoscopic liver resection: a matched-pair comparative study. World Journal of Surgery. 2014;38;366949	12
8556	S. C. Bogliolo, C.Babilonti, L.Gardella, B.Zanellini, F.Dominoni, M.Santamaria, V.Nappi, R. E.Spinillo, A., Robotic single-site surgery for female-to-male transsexuals: preliminary experience. Thescientificworldjournal. 2014;2014;674579	3

8557	J. G. H. Wang, J.Chin, A. I., RARP in high-risk prostate cancer: use of multi-parametric MRI and nerve sparing techniques. Asian Journal of Andrology. 2014;16;715-9	3
8558	W. D. H. Bolton, H., 3rdStephenson, J. E., The utility of electromagnetic navigational bronchoscopy as a localization tool for robotic resection of small pulmonary nodules. Annals of Thoracic Surgery. 2014;98;471-5; discussion 475-6	3
8559	I. H. Nisky, M. H.Okamura, A. M., Uncontrolled manifold analysis of arm joint angle variability during robotic teleoperation and freehand movement of surgeons and novices. IEEE Transactions on Biomedical Engineering. 2014;61;2869-81	3
8560	B. R. Y. Davis, A. C.Moore, M.Gunnarsson, C., Robotic-assisted versus laparoscopic colectomy: cost and clinical outcomes. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;211-24	12
8561	C. H. K. Nezhat, A.Dun, E. C.Kho, K. A.Wieser, F. A., Novel port placement and 5-mm instrumentation for robotic-assisted hysterectomy. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;167-73	3
8562	K. W. Haberman, K.Yuh, B.Ruel, N.Lau, C.Wilson, T. G.Chan, K. G., The effect of nerve-sparing robot-assisted radical cystoprostatectomy on erectile function in a preoperatively potent population. Journal of Endourology. 2014;28;1352-6	3
8563	H. B. Zargar, S.Allaf, M. E.Stifelman, M.Rogers, C.Larson, J.Ball, M. W.Marshall, S.Kumar, R.Fergany, A.Campbell, S.Kaouk, J., Comparison of perioperative outcomes of robot-assisted partial nephrectomy and open partial nephrectomy in patients with a solitary kidney. Journal of Endourology. 2014;28;1224-30	13
8564	J. C. Bric, M.Kastenmeier, A.Goldblatt, M.Gould, J. C., Proficiency training on a virtual reality robotic surgical skills curriculum. Surgical Endoscopy. 2014;28;527259	4
8565	A. K. Shiomi, Y.Yamaguchi, T.Tomioka, H.Kagawa, H., Robot-assisted rectal cancer surgery: short-term outcomes for 113 consecutive patients. International Journal of Colorectal Disease. 2014;29;1105-11	3
8566	A. T. Mattei, M.Ferrari, M.La Croce, G.Danuser, H.Schmid, H. P.Engeler, D., First report on joint use of a Da Vinci R surgical system with transfer of surgical know-how between two public hospitals. Urologia Internationalis. 2014;93;44570	4
8567	N. F. Jones, N. D.Nick, A. M.Munsell, M. F.Rallapalli, V.Westin, S. N.Meyer, L. A.Schmeler, K. M.Ramirez, P. T.Soliman, P. T., Conversion from robotic surgery to laparotomy: a case-control study evaluating risk factors for conversion. Gynecologic Oncology. 2014;134;238-42	3
8568	V. M. Sharma, J. J., Open conversion during minimally invasive radical prostatectomy: impact on perioperative complications and predictors from national data. Journal of Urology. 2014;192;1657-62	4
8569	M. A. S. Adam, P.Pura, J.Dinan, M. A.Reed, S. D.Roman, S. A.Sosa, J. A., Robotic thyroidectomy for cancer in the US: patterns of use and short-term outcomes. Annals of Surgical Oncology. 2014;21;3859-64	12
8570	J. E. A. Musser, M.Guglielmetti, G. B.Pathak, P.Silberstein, J. L.Sjoberg, D. D.Bernstein, M.Laudone, V. P., Impact of routine use of surgical drains on incidence of complications with robot-assisted radical prostatectomy. Journal of Endourology. 2014;28;1333-7	3
8571	J. D. F. Richmon, A. L.Yang, W.Starmer, H.Quon, H.Gourin, C. G., Feasibility of rapid discharge after transoral robotic surgery of the oropharynx. Laryngoscope. 2014;124;2518-25	3

8572	J. N. L. Lukens, A.Gamerman, V.Mitra, N.Grover, S.McMenamin, E. M.Weinstein, G. S.O'Malley, B. W., Jr.Cohen, R. B.Orisamolu, A.Ahn, P. H.Quon, H., Late consequential surgical bed soft tissue necrosis in advanced oropharyngeal squamous cell carcinomas treated with transoral robotic surgery and postoperative radiation therapy. International Journal of Radiation Oncology, Biology, Physics. 2014;89;981-988	3
8573	A. M. O. Zihni, I.Cavallo, J. A.Cho, S.Awad, M. M., Ergonomic analysis of robot-assisted and traditional laparoscopic procedures. Surgical Endoscopy. 2014;28;3379-84	4
8574	G. A. Menderes, M.Clark, L.Xu, X.Lu, L.Ratner, E.Schwartz, P. E.Rutherford, T. J.Santin, A. D.Silasi, D. A., Impact of body mass index on surgical outcomes and analysis of disease recurrence for patients with endometrial cancer undergoing robotic-assisted staging. International Journal of Gynecological Cancer. 2014;24;1118-25	3
8575	C. H. C. Chen, L. H.Chang, C. W.Yen, Y. K.Huang, Y. H.Liu, W. M., Comparing robotic surgery with conventional laparoscopy and laparotomy for cervical cancer management. International Journal of Gynecological Cancer. 2014;24;1105-11	13
8576	W. Z. Fu, X.Zhang, X.Zhang, P.Gao, J.Dong, J.Chen, G.Xu, A.Ma, X.Li, H.Shi, L., Pure laparoscopic and robot-assisted laparoscopic reconstructive surgery in congenital megaureter: a single institution experience. PLoS ONE [Electronic Resource]. 2014;9;e99777	5
8577	S. T. H. Toh, H. J.Tay, H. N.Kiong, K. L., Transoral robotic surgery for obstructive sleep apnea in Asian patients: a Singapore sleep centre experience. JAMA Otolaryngology-- Head & Neck Surgery. 2014;140;624-9	3
8578	A. M. Moglia, L.Pisano, R.Ferrari, V.Caramella, D.Boggi, U.Ferrari, M.Cuschieri, A.Mosca, F., EndoCAS (center for computer-assisted surgery). Journal of Surgical Education. 2014;71;440-3	8
8579	I. W. Tsirlin, L. M.Allison, R. S., A computational theory of da Vinci stereopsis. Journal of Vision. 2014;14;9	8
8580	K. Y. Tozawa, T.Umemoto, Y.Mizuno, K.Okada, A.Kawai, N.Takahashi, S.Kohri, K., Pitfalls of robot-assisted radical prostatectomy: a comparison of positive surgical margins between robotic and laparoscopic surgery. International Journal of Urology. 2014;21;976-9	12
8581	F. T. K. Kayhan, K. H.Altintas, A.Sayin, I., Transoral robotic supraglottic partial laryngectomy. Journal of Craniofacial Surgery. 2014;25;1422-6	3
8582	M. C. Dombree, R.Lawson, G.Janne, P.Castiaux, A.Krug, B., Cost comparison of open approach, transoral laser microsurgery and transoral robotic surgery for partial and total laryngectomies. European Archives of Oto-Rhino-Laryngology. 2014;271;2825-34	4
8583	E. J. K. Park, C. W.Cho, M. S.Baik, S. H.Kim, D. W.Min, B. S.Lee, K. Y.Kim, N. K., Multidimensional analyses of the learning curve of robotic low anterior resection for rectal cancer: 3-phase learning process comparison. Surgical Endoscopy. 2014;28;2821-31	3
8584	M. A. Ito, Y.Shimizu, T.Uyama, I.Horiguchi, A., Comparison of standard laparoscopic distal pancreatectomy with minimally invasive distal pancreatectomy using the da Vinci S system. Hepato-Gastroenterology. 2014;61;493-6	12
8585	L. S. B. Canale, J., Mammary artery harvesting using the Da Vinci Si robotic system. Revista Brasileira de Cirurgia Cardiovascular: Orgao Oficial da Sociedade Brasileira de Cirurgia Cardiovascular. 2014;29;107-9	8
8586	M. I. M. Liang, G. A.Rath, K. S.Backes, F. J.Cansino, C.Salani, R., Training the next generation of robotic surgeons using guided mentorship: a randomized controlled trial. Journal of Minimally Invasive Gynecology. 2014;21;1075-9	4

8587	P. F. B. P. Martinez, N.Cristallo, C.Isola, M.Villamil, W.Giudice, C. R.Damia, O., Salvage radical prostatectomy after radiotherapy. Archivos Espanoles de Urologia. 2014;67;313-22	2
8588	N. D. H. Gross, F. C., Robotic surgery of the head and neck. Otolaryngologic Clinics of North America. 2014;47;ix-x	8
8589	A. K. F. Sinno, A. N.Roche, K. L.Giuntoli, R. L., 2ndTanner, E. J., A comparison of colorimetric versus fluorometric sentinel lymph node mapping during robotic surgery for endometrial cancer. Gynecologic Oncology. 2014;134;281-6	3
8590	S. Christie, Electromagnetic navigational bronchoscopy and robotic-assisted thoracic surgery. AORN Journal. 2014;99;750-63	3
8591	N. I. B. El Khouly, R. L.Kim, B. B.Jeng, C. J.Nagarsheth, N. P.Fishman, D. A.Nezhat, F. R.Gretz, H. F.Chuang, L. T., Comparison of robotic-assisted and conventional laparoscopy in the management of adnexal masses. Journal of Minimally Invasive Gynecology. 2014;21;1071-4	13
8592	S. H. K. Lee, C. M.Hwang, H. K.Choi, S. H.Lee, W. J.Chi, H. S., Minimally invasive RAMPS in well-selected left-sided pancreatic cancer within Yonsei criteria: long-term (>median 3 years) oncologic outcomes. Surgical Endoscopy. 2014;28;2848-55	12
8593	D. C. K. Hansen, S. K.Palmer, R. M.Harris, K. B., Robotic guidance does not improve component position or short-term outcome in medial unicompartmental knee arthroplasty. Journal of Arthroplasty. 2014;29;1784-9	12
8594	T. K. Mihaljevic, M.Kelava, M.Goodman, A.Jarrett, C.Williams, S. J.Gillinov, A. M.Bajwa, G.Mick, S. L.Bonatti, J.Blackstone, E. H., Value of robotically assisted surgery for mitral valve disease. JAMA Surgery. 2014;149;679-86	13
8595	D. M. Chauvet, A.Hivelin, M.Carpentier, A.Cornu, P.Hans, S., Transoral robotic-assisted skull base surgery to approach the sella turcica: cadaveric study. Neurosurgical Review. 2014;37;609-17	7
8596	T. J. K. Carpenter, B.Buckstein, M. H.Ko, E. C.Bakst, R. L.Misiukiewicz, K. J.Posner, M. R.Genden, E. M.Gupta, V., Tolerability, toxicity, and temporal implications of transoral robotic surgery (TORS) on adjuvant radiation therapy in carcinoma of the head and neck. Annals of Otology, Rhinology & Laryngology. 2014;123;791-7	3
8597	Y. M. Hayashi, K.Kurokawa, S.Nakane, A.Kamisawa, H.Nishio, H.Moritoki, Y.Tozawa, K.Kohri, K.Kojima, Y., Extravesical robot-assisted laparoscopic ureteral reimplantation for vesicoureteral reflux: initial experience in Japan with the ureteral advancement technique. International Journal of Urology. 2014;21;1016-21	3
8598	P. F. L. Escobar, K. L.Magrina, J.Martino, M. A.Barakat, R. R.Fader, A. N.Leitao, M. M., Jr., Feasibility and perioperative outcomes of robotic-assisted surgery in the management of recurrent ovarian cancer: a multi-institutional study. Gynecologic Oncology. 2014;134;253-6	3
8599	X. Y. Sun, Y.Li, J.McKenzie, F. D., Automated image-guided surgery for common and complex dental implants. Journal of Medical Engineering & Technology. 2014;38;251-9	3
8600	H. K. Choi, H. S.Lim, Y. A.Kim, H. J., Surgical robot for single-incision laparoscopic surgery. IEEE Transactions on Biomedical Engineering. 2014;61;2458-66	3
8601	Y. C. Y. Ou, C. K.Chang, K. S.Wang, J.Hung, S. W.Tung, M. C.Tewari, A. K.Patel, V. R., The surgical learning curve for robotic-assisted laparoscopic radical prostatectomy: experience of a single surgeon with 500 cases in Taiwan, China. Asian Journal of Andrology. 2014;16;728-34	3
8602	L. F. A. Brandao, R.Zargar, H.Krishnan, J.Laydner, H.Akca, O.Mir, M. C.Samarasekera, D.Stein, R.Kaouk, J., Robot-assisted laparoscopic adrenalectomy: step-by-step technique and comparative outcomes. European Urology. 2014;66;898-905	13

8603	M. H. Shimbo, K.Endo, F.Matsushita, K.Iwabuchi, T.Tobisu, K.Muraishi, O., Modified anterior approach to the bladder neck: simple and reproducible procedure for anterior bladder neck transection during robot-assisted radical prostatectomy. International Journal of Urology. 2014;21;946-8	3
8604	M. S. Hara, K.Yoo, B. E.Shin, J. W.Lee, D. W.Kim, S. H., Robotic-assisted surgery for rectal adenocarcinoma: short-term and midterm outcomes from 200 consecutive cases at a single institution. Diseases of the Colon & Rectum. 2014;57;570-7	3
8605	W. H. Khreiss, M.Cima, R. R.Dozois, E. R.Chua, H. K.Pemberton, J. H.Harmsen, W. S.Larson, D. W., Improving conventional recovery with enhanced recovery in minimally invasive surgery for rectal cancer. Diseases of the Colon & Rectum. 2014;57;557-63	12
8606	E. W. Godebu, J. M.Cohen, S. A.Kane, C. J.Owens, E. L.Sakamoto, K., Incorporating robot-assisted prostatectomy at a Veterans Affairs hospital: outcomes. Journal of Endourology. 2014;28;1097-102	3
8607	S. H. L. Choo, S. Y.Sung, H. H.Jeon, H. G.Jeong, B. C.Jeon, S. S.Lee, H. M.Choi, H. Y.Seo, S. I., Transperitoneal versus retroperitoneal robotic partial nephrectomy: matched-pair comparisons by nephrometry scores. World Journal of Urology. 2014;32;1523-9	3
8608	C. J. Haahr, H. L.Gogenur, I., Robot-assisted rectopexy is a safe and feasible option for treatment of rectal prolapse. Danish Medical Journal. 2014;61;A4842	3
8609	S. J. Paul, J.Isaacs, A. J.Altorki, N. K.Isom, O. W.Sedrakyan, A., Comparative effectiveness of robotic-assisted vs thoracoscopic lobectomy. Chest. 2014;146;1505-1512	4
8610	C. O. N. Teljeur, M.Moran, P. S.Harrington, P.Flattery, M.Murphy, L.Ryan, M., Economic evaluation of robot-assisted hysterectomy: a cost-minimisation analysis. BJOG: An International Journal of Obstetrics & Gynaecology. 2014;121;1546-53	4
8611	Y. J. P. Kwon, S., Current choices in robotic surgery: whether to increase use. JAMA Surgery. 2014;149;627-8	8
8612	S. J. F. Raza, S.Chowriappa, A.Ahmed, K.Field, E.Stegemann, A. P.Rehman, S.Sharif, M.Shi, Y.Wilding, G. E.Kesavadas, T.Kaouk, J.Guru, K. A., Construct validation of the key components of Fundamental Skills of Robotic Surgery (FSRS) curriculum--a multi-institution prospective study. Journal of Surgical Education. 2014;71;316-24	3
8613	J. L. Abitbol, S.Ramanakumar, A. V.Press, J. Z.Drummond, N.Rosberger, Z.Aubin, S.Gotlieb, R.How, J.Gotlieb, W. H., Prospective quality of life outcomes following robotic surgery in gynecologic oncology. Gynecologic Oncology. 2014;134;144-9	3
8614	B. S. B. Nasir, A. S.Minnich, D. J.Wei, B.Cerfolio, R. J., Performing robotic lobectomy and segmentectomy: cost, profitability, and outcomes. Annals of Thoracic Surgery. 2014;98;203-8; discussion 208-9	3
8615	G. Z. Scozzari, M.Cravero, F.Passera, R.Rebecchi, F.Morino, M., High incidence of trocar site hernia after laparoscopic or robotic Roux-en-Y gastric bypass. Surgical Endoscopy. 2014;28;361805	12
8616	B. G. Cheon, E.Ji, D. K.Tomikawa, M.Hashizume, M.Kim, H. J.Hong, J., A single port laparoscopic surgery robot with high force transmission and a large workspace. Surgical Endoscopy. 2014;28;2719-29	3
8617	F. Y. Liang, Y.Cui, S.Zhao, L.Wu, X., Heart motion uncertainty compensation prediction method for robot assisted beating heart surgery - Master-slave Kalman Filters approach. Journal of Medical Systems. 2014;38;52	3

8618	J. D. A. Wright, C. V.Tergas, A. I.Herzog, T. J.Burke, W. M.Lewin, S. N.Lu, Y. S.Neugut, A. I.Hershman, D. L., An economic analysis of robotically assisted hysterectomy. Obstetrics & Gynecology. 2014;123;1038-1048	4
8619	M. M. Leitao, Jr.Bartashnik, A.Wagner, I.Lee, S. J.Caroline, A.Hoskins, W. J.Thaler, H. T.Abu-Rustum, N. R.Sonoda, Y.Brown, C. L.Jewell, E. L.Barakat, R. R.Gardner, G. J., Cost-effectiveness analysis of robotically assisted laparoscopy for newly diagnosed uterine cancers. Obstetrics & Gynecology. 2014;123;1031-1037	4
8620	A. S. A. Gozen, Y.Akgul, M.Yazici, C.Klein, J.Rassweiler, J., A novel practical trocar placement technique for extraperitoneal laparoscopic and robotic-assisted laparoscopic radical prostatectomy in patients with lower midline abdominal incisions. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2014;24;417-21	12
8621	J. L. Huang, Q.Tan, Q.Lin, H.Qian, L.Lin, X., Initial experience of robot-assisted thoracoscopic surgery in China. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;404-9	3
8622	S. F.-D. Trugeda, M. J.Rodriguez-Sanjuan, J. C.Palazuelos, C. M.Fernandez-Escalante, C.Gomez-Fleitas, M., Initial results of robot-assisted Ivor-Lewis oesophagectomy with intrathoracic hand-sewn anastomosis in the prone position. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;397-403	3
8623	J. F. M. De La Cruz, E. M.Geller, E. J., Vaginal versus robotic hysterectomy and concomitant pelvic support surgery: a comparison of postoperative vaginal length and sexual function. Journal of Minimally Invasive Gynecology. 2014;21;1010-4	13
8624	C. M. Vicini, F.Campanini, A.Dallan, I.Hoff, P. T.Spector, M. E.Thaler, E.Ahn, J.Baptista, P.Remacle, M.Lawson, G.Benazzo, M.Canzi, P., Clinical outcomes and complications associated with TORS for OSAHS: a benchmark for evaluating an emerging surgical technology in a targeted application for benign disease. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties. 2014;76;23255	3
8625	G. U. Karagkounis, D. D.Mason, D. P.Murthy, S. C.Berber, E., Robotic surgery for primary hyperparathyroidism. Surgical Endoscopy. 2014;28;293107	3
8626	I. K. K. Kim, J.Park, Y. A.Kim, N. K.Sohn, S. K.Lee, K. Y., Is prior laparoscopy experience required for adaptation to robotic rectal surgery?: Feasibility of one-step transition from open to robotic surgery. International Journal of Colorectal Disease. 2014;29;693-9	3
8627	S. J. A.-D. Raza, A.Zhuo, S.Mehboob, Z.Wang, K.Wilding, G.Kauffman, E.Guru, K. A., Oncologic outcomes following robot-assisted radical cystectomy with minimum 5-year follow-up: the Roswell Park cancer institute experience. European Urology. 2014;66;920-8	3
8628	J. L. H. Schomburg, K.Willihnganz-Lawson, K. H.Shukla, A. R., Robot-assisted laparoscopic ureteral reimplantation: a single surgeon comparison to open surgery. Journal of pediatric urology. 2014;10;875-9	12
8629	W. K. B. Greer Albergotti, J.De Almeida, J. R.Kim, S.Duvvuri, U., Robot-assisted level II-IV neck dissection through a modified facelift incision: initial North American experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;391-6	12
8630	M. P. Barnajian, D., 3rdKazi, E.Foppa, C.Bergamaschi, R., Quality of total mesorectal excision and depth of circumferential resection margin in rectal cancer: a matched comparison of the first 20 robotic cases. Colorectal Disease. 2014;16;603-9	12

8631	D. Y. M. Yang, M. F.Bahler, C. D.Sundaram, C. P., Does robotic assistance confer an economic benefit during laparoscopic radical nephrectomy?. Journal of Urology. 2014;192;671-6	13
8632	A. P. Mofidi, J. F.Lu, B.Conditt, M. A.Lang, J. E.Poehling, G. G.Jinnah, R. H., Assessment of accuracy of robotically assisted unicompartmental arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy. 2014;22;1918-25	3
8633	W. S. K. Kim, Y. W.Byeon, H. K.Park, Y. M.Chung, H. J.Kim, E. S.Lee, E. J.Park, S. C.Choi, E. C., Robot-assisted neck dissection via a transaxillary and retroauricular approach versus a conventional transcervical approach in papillary thyroid cancer with cervical lymph node metastases. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2014;24;367-72	12
8634	K. F. C. Lee, C. N.Ma, K. W.Cheung, E.Wong, J.Cheung, S.Lai, P., A minimally invasive strategy for Mirizzi syndrome: the combined endoscopic and robotic approach. Surgical Endoscopy. 2014;28;288634	3
8635	J. P. V. Hoogendam, R. H.Wegner, I.Zweemer, R. P., Oncological outcome and long-term complications in robot-assisted radical surgery for early stage cervical cancer: an observational cohort study. BJOG: An International Journal of Obstetrics & Gynaecology. 2014;121;1538-45	3
8636	K. Corrigan, Pediatric robotic surgery program requires multidisciplinary team collaboration. AORN Journal. 2014;99;C7-8	8
8637	B. M. Schatlo, G.Cuvinciuc, V.Kotowski, M.Schaller, K.Tessitore, E., Safety and accuracy of robot-assisted versus fluoroscopy-guided pedicle screw insertion for degenerative diseases of the lumbar spine: a matched cohort comparison. Journal of Neurosurgery Spine. 2014;20;636-43	12
8638	A. G. Valverde, N.Oberlin, O., Fundamentals of robotic surgery or of robotic-assisted telemanipulated laparoscopy. Journal of visceral surgery. 2014;151;213-21	8
8639	M. W. Anand, J. L.Weaver, A. L.Trabuco, E. C.Klingele, C. J.Gebhart, J. B., Perioperative complications of robotic sacrocolpopexy for post-hysterectomy vaginal vault prolapse. International Urogynecology Journal. 2014;25;1193-200	13
8640	W. T. L. Daniel, H. A.Kilgo, P.Puskas, J. D.Vassiliades, T. A.Devireddy, C.Jaber, W.Guyton, R. A.Halkos, M. E., The impact of clopidogrel therapy on postoperative bleeding after robotic-assisted coronary artery bypass surgery. European Journal of Cardio-Thoracic Surgery. 2014;46;e8-13	3
8641	G. A. L. Feuer, N.Woo, A.Salmieri, S. S.Burrell, M.Serur, E., Robotic surgery for staging of serous papillary and clear cell carcinoma of the endometrium. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;306-13	9
8642	Z. L. Wu, M.Qu, L.Ye, H.Liu, B.Yang, Q.Sheng, J.Xiao, L.Lv, C.Yang, B.Gao, X.Gao, X.Xu, C.Hou, J.Sun, Y.Wang, L., A propensity-score matched comparison of perioperative and early renal functional outcomes of robotic versus open partial nephrectomy. PLoS ONE [Electronic Resource]. 2014;9;e94195	13
8643	V. Z. Lavoue, X.Lau, S.Press, J. Z.Abitbol, J.Gotlieb, R.How, J.Wang, Y.Gotlieb, W. H., Impact of robotics on the outcome of elderly patients with endometrial cancer. Gynecologic Oncology. 2014;133;556-62	13
8644	K. P. Durmus, H. S.Gokozan, H. N.Kucur, C.Teknos, T. N.Agrawal, A.Old, M. O.Ozer, E., Functional and quality-of-life outcomes of transoral robotic surgery for carcinoma of unknown primary. Laryngoscope. 2014;124;2089-95	3
8645	A. F. Azadi, S. L.Taylor, K. C.Diaz, S. I.Pasic, R.Yeganeh, T.Ostergard, D. R., The anatomical outcome of robotic sacrocolpopexy for treatment of pelvic organ prolapse: a comparison of obese and non-obese patients. Surgical Technology International. 2014;24;249-52	3

8646	M. E. M. Wechter, J.Magrina, J. F.Cornella, J. L.Magtibay, P. M.Wilson, J. R.Kho, R. M., Complications in robotic-assisted gynecologic surgery according to case type: a 6-year retrospective cohort study using Clavien-Dindo classification. Journal of Minimally Invasive Gynecology. 2014;21;844-50	3
8647	T. L. Son, J. H.Kim, Y. M.Kim, H. I.Noh, S. H.Hyung, W. J., Robotic spleen-preserving total gastrectomy for gastric cancer: comparison with conventional laparoscopic procedure. Surgical Endoscopy. 2014;28;2606-15	12
8648	C. Y. Y. Lin, C. R.Cheng, C. L.Ho, H. C.Chiu, K. Y.Su, C. K.Chen, W. M.Wang, S. S.Chen, C. S.Li, J. R.Yang, C. K.Ou, Y. C., Application in robotic urologic surgery. Journal of the Chinese Medical Association: JCMA. 2014;77;242-5	3
8649	B. C. Ielpo, R.Quijano, Y.Duran, H.Diaz, E.Fabra, I.Oliva, C.Olivares, S.Ferri, V.Ceron, R.Plaza, C.Vicente, E., Robotic versus laparoscopic rectal resection: is there any real difference? A comparative single center study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;300-5	12
8650	O. E. Acar, T.Musaoglu, A.Vural, M., Do we need to clamp the renal hilum liberally during the initial phase of the learning curve of robot-assisted nephron-sparing surgery?. Thescientificworldjournal. 2014;2014;498917	3
8651	J. C. L. Kim, S. B.Yoon, Y. S.Park, I. J.Kim, C. W.Kim, C. N., Completely abdominal intersphincteric resection for lower rectal cancer: feasibility and comparison of robot-assisted and open surgery. Surgical Endoscopy. 2014;28;2734-44	12
8652	N. C. Rindos, C. L.Tabbarah, R.Wright, V., Port-site metastases after robotic surgery for gynecologic malignancy. Journal of the Society of Laparoendoscopic Surgeons. 2014;18;66-70	3
8653	T. L. K. Yang, J. Y.Lou, P. J.Wang, C. P.Hsiao, T. Y., Gland-preserving robotic surgery for benign submandibular gland tumours: a comparison between robotic and open techniques. British Journal of Oral & Maxillofacial Surgery. 2014;52;420-4	12
8654	A. G. Volpe, D.Amparore, D.De Naeyer, G.Porpiglia, F.Ficarra, V.Mottrie, A., Perioperative and renal functional outcomes of elective robot-assisted partial nephrectomy (RAPN) for renal tumours with high surgical complexity. BJU International. 2014;114;903-9	3
8655	S. I. L. Noureldine, N.Tufano, R. P.Kandil, E., The role of the robotic-assisted transaxillary gasless approach for the removal of parathyroid adenomas. Orl; Journal of Oto-Rhino-Laryngology & its Related Specialties. 2014;76;19-24	3
8656	D. C. Bansal, N. G.Bean, C. M.Vanderbrink, B. A.Schulte, M.Noh, P. H., Infant robot-assisted laparoscopic upper urinary tract reconstructive surgery. Journal of pediatric urology. 2014;10;869-74	3
8657	S. V. van de Water, L.Aluwini, S.Lanconelli, N.Heijmen, B.Hoogeman, M., Intrafraction prostate translations and rotations during hypofractionated robotic radiation surgery: dosimetric impact of correction strategies and margins. International Journal of Radiation Oncology, Biology, Physics. 2014;88;1154-60	3
8658	H. K. Zargar, J.Autorino, R.Akca, O.Brandao, L. F.Laydner, H.Samarasekera, D.Ko, O.Haber, G. P.Kaouk, J. H.Stein, R. J., Robotic nephroureterectomy: a simplified approach requiring no patient repositioning or robot redocking. European Urology. 2014;66;769-77	3
8659	V. M. Schraibman, A. L.Epstein, M. G.Soares, M. Y.Maccapani, G.Matos, D.Rizzo, L. V.Goldman, S. M., Comparison of the morbidity, weight loss, and relative costs between robotic and laparoscopic sleeve gastrectomy for the treatment of obesity in Brazil. Obesity Surgery. 2014;24;1420-4	12
8660	L. P. Meli, C.Prattichizzo, D., Sensory subtraction in robot-assisted surgery: fingertip skin deformation feedback to ensure safety and improve transparency in bimanual haptic interaction. IEEE Transactions on Biomedical Engineering. 2014;61;1318-27	3

8661	G. S. Weisz, N. R.Metzger, D. C.Caputo, R.Delgado, J.Marshall, J. J.Vetrovec, G.Reisman, M.Waksman, R.Pichard, A.Granada, J. F.Moses, J. W.Carrozza, J. P., The association between experience and proficiency with robotic-enhanced coronary intervention-insights from the PRECISE multi-center study. Acute Cardiac Care. 2014;16;37-40	3
8662	A. A. Coratti, M., Robot-assisted pancreatic surgery. British Journal of Surgery. 2014;101;593-4	8
8663	R. M. D. I. P. D. J. Jimenez Rodriguez, F.Diaz Pavon, J. M.Rodriguez Rodriguez, A.Prendes Sillero, E.Cadet Dussort, J. M.Padillo, J., Analysis of conversion factors in robotic-assisted rectal cancer surgery. International Journal of Colorectal Disease. 2014;29;701-8	3
8664	E. J. Y. Ban, J. Y.Kim, W. W.Son, H. Y.Park, S.Lee, S. H.Lee, C. R.Kang, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y.Park, C. S., Surgical complications after robotic thyroidectomy for thyroid carcinoma: a single center experience with 3,000 patients. Surgical Endoscopy. 2014;28;2555-63	3
8665	T. L. L. Ghezzi, F.Valvo, M.Corleta, O. C.Zuccaro, M.Cenciarelli, S.Biffi, R., Robotic versus open total mesorectal excision for rectal cancer: comparative study of short and long-term outcomes. European Journal of Surgical Oncology. 2014;40;1072-9	12
8666	Y. M. H. Wu, R. H.Lai, H. S.Lee, P. H., Robotic-assisted minimally invasive liver resection. Asian Journal of Surgery. 2014;37;19541	12
8667	A. A. Akhavan, D.Lendvay, T. S., Robot-assisted extravesical ureteral reimplantation: outcomes and conclusions from 78 ureters. Journal of pediatric urology. 2014;10;864-8	3
8668	N. M. Hinata, H.Kurahashi, T.Ando, M.Furukawa, J.Ishimura, T.Tanaka, K.Fujisawa, M., Novel telementoring system for robot-assisted radical prostatectomy: impact on the learning curve. Urology. 2014;83;1088-92	3
8669	B. E. M. Howard, E. J.Hinni, M. L., Lingual thyroidectomy: the Mayo Clinic experience with transoral laser microsurgery and transoral robotic surgery. Annals of Otology, Rhinology & Laryngology. 2014;123;183-7	3
8670	A. G. Sood, K. R.Ahlawat, R.Modi, P.Abaza, R.Jeong, W.Sammon, J. D.Diaz, M.Kher, V.Menon, M.Bhandari, M., Application of the statistical process control method for prospective patient safety monitoring during the learning phase: robotic kidney transplantation with regional hypothermia (IDEAL phase 2a-b). European Urology. 2014;66;371-8	4
8671	N. G. Cheng, C.Yang, M.Wu, Y.Wang, G.Xiao, C., Analysis of the learning curve for beating heart, totally endoscopic, coronary artery bypass grafting. Journal of Thoracic & Cardiovascular Surgery. 2014;148;1832-6	3
8672	S. A. R. Bowyer, Y. Baena F., Deformation invariant bounding spheres for dynamic active constraints in surgery. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2014;228;350-61	3
8673	I. G. C. Kwon, I.Guner, A.Choi, Y. Y.Shin, H. B.Kim, H. I.An, J. Y.Cheong, J. H.Noh, S. H.Hyung, W. J., Minimally invasive surgery for remnant gastric cancer: a comparison with open surgery. Surgical Endoscopy. 2014;28;201829	12
8674	A. M. O. Zihni, I.Cavallo, J. A.Ousley, J.Cho, S.Awad, M. M., FLS tasks can be used as an ergonomic discriminator between laparoscopic and robotic surgery. Surgical Endoscopy. 2014;28;2459-65	1
8675	M. M. R. Chen, S. A.Kraus, D. H.Sosa, J. A.Judson, B. L., Transoral Robotic Surgery: A Population-Level Analysis. Otolaryngology - Head & Neck Surgery. 2014;150;968-75	9

8676	J. K. S. Byrd, K. J.de Almeida, J. R.Albergotti, W. G.Davis, K. S.Kim, S. W.Johnson, J. T.Ferris, R. L.Duvvuri, U., Transoral Robotic Surgery and the Unknown Primary: A Cost-Effectiveness Analysis. Otolaryngology - Head & Neck Surgery. 2014;150;976-82	3
8677	F. M. F. Melfi, O.Davini, F.Romano, G.Lucchi, M.Dini, P.Ambrogi, M. C.Mussi, A., Robotic lobectomy for lung cancer: evolution in technique and technology. European Journal of Cardio-Thoracic Surgery. 2014;46;626-30; discussion 630-1	3
8678	D. F. Daskalaki, E.Wang, X.Bianco, F. M.Elli, E. F.Ayloo, S.Masrur, M.Milone, L.Giulianotti, P. C., Indocyanine green (ICG) fluorescent cholangiography during robotic cholecystectomy: results of 184 consecutive cases in a single institution. Surgical Innovation. 2014;21;615-21	3
8679	J. M. Furukawa, H.Tanaka, K.Sugimoto, M.Fujisawa, M., Console-integrated real-time three-dimensional image overlay navigation for robot-assisted partial nephrectomy with selective arterial clamping: early single-centre experience with 17 cases. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;385-90	3
8680	P. L. Collinet, P.Neme, R. M.Cela, V.Barton-Smith, P.Hebert, T.Hanssens, S.Nishi, H.Nisolle, M., Robot-assisted laparoscopy for deep infiltrating endometriosis: international multicentric retrospective study. Surgical Endoscopy. 2014;28;209895	3
8681	J. M. Busch, A.Leva, N.Hinz, S.Ferrari, M.Friedersdorff, F.Fuller, T. F.Miller, K.Gonzalgo, M. L., Matched comparison of outcomes following open and minimally invasive radical prostatectomy for high-risk patients. World Journal of Urology. 2014;32;1411-6	12
8682	J. C. G. Hu, G.Karakiewicz, P. I.Nguyen, P. L.Trinh, Q. D.Shih, Y. C.Abdollah, F.Chamie, K.Wright, J. L.Ganz, P. A.Sun, M., Comparative effectiveness of robot-assisted versus open radical prostatectomy cancer control. European Urology. 2014;66;666-72	12
8683	H. W. P. Schreuder, J. E.Wolswijk, R. G.Ihse, I.Schijven, M. P.Verheijen, R. H., Validation of a novel virtual reality simulator for robotic surgery. Thescientificworldjournal. 2014;2014;507076	2
8684	A. D. S. Giacomoni, S.Lauterio, A.Concone, G.Mangoni, I.Mihaylov, P.Tripepi, M.De Carlis, L., Evolution of robotic nephrectomy for living donation: from hand-assisted to totally robotic technique. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;286-93	3
8685	K. D. T. Berg, F. B.Hvarness, H.Christensen, I. J.Iversen, P., Early biochemical recurrence, urinary continence and potency outcomes following robot-assisted radical prostatectomy. Scandinavian Journal of Urology. 2014;48;356-66	3
8686	Y. H. Jun, L.Demin, L.Guohua, D.Hua, J.Yi, S., Da Vinci robot-assisted system for thymectomy: experience of 55 patients in China. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;294-9	13
8687	S. V. G. Kardos, C. P.Shah, N. D.Schulam, P. G.Trinh, Q. D.Smaldone, M. C.Sun, M.Weight, C. J.Sammon, J.Han, L. C.Kim, S. P., Association of type of renal surgery and access to robotic technology for kidney cancer: results from a population-based cohort. BJU International. 2014;114;549-54	3
8688	H. K. Huh, N. Y.Park, S. J.Cho, J. E., Effect of nicardipine on renal function following robot-assisted laparoscopic radical prostatectomy in patients with pre-existing renal insufficiency. Journal of International Medical Research. 2014;42;427-35	3
8689	B. B. Tuschy, S.Brade, J.Sutterlin, M.Hornemann, A., Solo surgery--early results of robot-assisted three-dimensional laparoscopic hysterectomy. Minimally Invasive Therapy & Allied Technologies: Mitat. 2014;23;230-4	3

8690	L. J. L. Kuo, Y. K.Chang, C. C.Tai, C. J.Chiou, J. F.Chang, Y. J., Clinical outcomes of robot-assisted intersphincteric resection for low rectal cancer: comparison with conventional laparoscopy and multifactorial analysis of the learning curve for robotic surgery. International Journal of Colorectal Disease. 2014;29;555-62	12
8691	C. W. Chen, L.Kowalewski, T.Aggarwal, R.Lintott, C.Comstock, B.Kuksenok, K.Aragon, C.Holst, D.Lendvay, T., Crowd-Sourced Assessment of Technical Skills: a novel method to evaluate surgical performance. Journal of Surgical Research. 2014;187;65-71	2
8692	M. J. Araki, W.Park, S. Y.Lee, Y. H.Nasu, Y.Kumon, H.Hong, S. J.Rha, K. H., Robot-assisted radical prostatectomy: modified ultradissection reduces pT2 positive surgical margins on the bladder neck. Acta Medica Okayama. 2014;68;35-41	3
8693	A. S. C. Farivar, R. J.Vallieres, E.Knight, A. W.Bryant, A.Lingala, V.Aye, R. W.Louie, B. E., Comparing robotic lung resection with thoracotomy and video-assisted thoracoscopic surgery cases entered into the Society of Thoracic Surgeons database. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2014;9;44839	13
8694	C. S. Chang, Z.Shah, A.Gundeti, M. S., Patient positioning and port placement for robot-assisted surgery. Journal of Endourology. 2014;28;631-8	3
8695	R. Dondelinger, Robotic surgery systems. Biomedical Instrumentation & Technology. 2014;48;20333	8
8696	J. H. K. Jung, H. W.Oh, C. K.Song, J. M.Chung, B. H.Hong, S. J.Rha, K. H., Simultaneous robot-assisted laparoendoscopic single-site partial nephrectomy and standard radical prostatectomy. Yonsei Medical Journal. 2014;55;535-8	8
8697	P. H. Kannisto, P.Heitz, F.Traut, A.du Bois, A.Kurzeder, C., Implementation of robot-assisted gynecologic surgery for patients with low and high BMI in a German gynecological cancer center. Archives of Gynecology & Obstetrics. 2014;290;143-8	3
8698	F. A. Sendag, A.Zeybek, B.Ozdemir, A.Gunusen, I.Oztekin, M. K., Single-site robotic total hysterectomy: standardization of technique and surgical outcomes. Journal of Minimally Invasive Gynecology. 2014;21;689-94	3
8699	M. A. B. Martino, E. A.McFetridge, J. T.Shubella, J.Gosciniak, G.Wejkszner, T.Kainz, G. F.Patriarco, J.Thomas, M. B.Boulay, R., A comparison of quality outcome measures in patients having a hysterectomy for benign disease: robotic vs. non-robotic approaches. Journal of Minimally Invasive Gynecology. 2014;21;389-93	13
8700	C. M. J. Song, Y. B.Bang, H. S.Park, C. W.Kim, H.Tae, K., Long-term sensory disturbance and discomfort after robotic thyroidectomy. World Journal of Surgery. 2014;38;1743-8	12
8701	R. C. d. B. van den Bergh, W.van Muilekom, E.Tillier, C.Venderbos, L. D.van der Poel, H. G., Impact on quality of life of radical prostatectomy after initial active surveillance: more to lose?. Scandinavian Journal of Urology. 2014;48;367-73	3
8702	J. J. R. Leow, S. W.Jiang, W.Lipsitz, S. R.Bellmunt, J.Trinh, Q. D.Chung, B. I.Kibel, A. S.Chang, S. L., Propensity-matched comparison of morbidity and costs of open and robot-assisted radical cystectomies: a contemporary population-based analysis in the United States. European Urology. 2014;66;569-76	13
8703	B. S. K. Kim, K. H.Kang, H.Park, S. J., Central neck dissection using a bilateral axillo-breast approach for robotic thyroidectomy: comparison with conventional open procedure after propensity score matching. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2014;24;67-72	12
8704	P. J. F. Coronado, M.Magrina, J. F.Herraiz, M. A.Vidart, J. A., Comparison of perioperative outcomes and cost between robotic-assisted and conventional laparoscopy for transperitoneal infrarenal para-aortic lymphadenectomy (TIPAL). Journal of Minimally Invasive Gynecology. 2014;21;674-81	12

8705	E. F.-W. Manoucheri, N.Cohen, S. L.Wang, K. C.Einarsson, J., MAUDE: analysis of robotic-assisted gynecologic surgery. Journal of Minimally Invasive Gynecology. 2014;21;592-5	3
8706	M. M. d. C. A. Desai, A. L.Leslie, S.Cai, J.Huang, E. Y.Lewandowski, P. M.Lee, D.Dharmaraja, A.Berger, A. K.Goh, A.Ukimura, O.Aron, M.Gill, I. S., Robotic partial nephrectomy with superselective versus main artery clamping: a retrospective comparison. European Urology. 2014;66;713-9	3
8707	M. K. L. Tsai, C. Y.Yang, C. Y.Yeh, C. C.Hu, R. H.Lai, H. S., Robot-assisted renal transplantation in the retroperitoneum. Transplant International. 2014;27;452-7	3
8708	A. S. M. Huser, D.Brunkhorst, V.Kannisto, P.Musch, M.Kropfl, D.Groeben, H., Simulated life-threatening emergency during robot-assisted surgery. Journal of Endourology. 2014;28;717-21	3
8709	M. A. Ahdoot, L.Araya, H.Busch, J.Conti, S.Gonzalgo, M. L., Oncologic outcomes between open and robotic-assisted radical cystectomy: a propensity score matched analysis. World Journal of Urology. 2014;32;1441-6	13
8710	C. B. Perrenot, P.Mastronicola, R.Gangloff, P.Dolivet, G., Infrahyoid myocutaneous flap for reconstruction after robotic transoral surgery for oropharyngeal tumors. Plastic & Reconstructive Surgery. 2014;133;236e-237e	8
8711	W. H. Tian, X.Liu, B.Liu, Y.Hu, Y.Han, X.Xu, Y.Fan, M.Jin, H., A robot-assisted surgical system using a force-image control method for pedicle screw insertion. PLoS ONE [Electronic Resource]. 2014;9;e86346	3
8712	N. K. D. Alizai, M. J.Najmaldin, A. S., Robot-assisted resection of choledochal cysts and hepaticojejunostomy in children. Pediatric Surgery International. 2014;30;291-4	3
8713	O. A. Ukimura, M.Nakamoto, M.Shoji, S.Abreu, A. L.Matsugasumi, T.Berger, A.Desai, M.Gill, I. S., Three-dimensional surgical navigation model with TilePro display during robot-assisted radical prostatectomy. Journal of Endourology. 2014;28;625-30	3
8714	S. M. L. Prasad, M. C.Patel, A. R.Famakinwa, O.Galocy, R. M.Karrison, T.Shalhav, A. L.Zagaja, G. P., Early removal of urethral catheter with suprapubic tube drainage versus urethral catheter drainage alone after robot-assisted laparoscopic radical prostatectomy. Journal of Urology. 2014;192;89-95	3
8715	B. H. J. Park, H. G.Jeong, B. C.Seo, S. I.Lee, H. M.Choi, H. Y.Jeon, S. S., Influence of magnetic resonance imaging in the decision to preserve or resect neurovascular bundles at robotic assisted laparoscopic radical prostatectomy. Journal of Urology. 2014;192;30164	3
8716	M. H. X. Liow, Z.Wong, M. K.Tay, K. J.Yeo, S. J.Chin, P. L., Robot-assisted total knee arthroplasty accurately restores the joint line and mechanical axis. A prospective randomised study. Journal of Arthroplasty. 2014;29;172943	12
8717	R. T. Wen, W. L.Nguyen, B. P.Chng, C. B.Chui, C. K., Hand gesture guided robot-assisted surgery based on a direct augmented reality interface. Computer Methods & Programs in Biomedicine. 2014;116;68-80	3
8718	R. K. Casula, E.Athanasiou, T., The midterm outcome and MACE of robotically enhanced grafting of left anterior descending artery with left internal mammary artery. Journal Of Cardiothoracic Surgery. 2014;9;19	13
8719	H. I. Duran, B.Caruso, R.Ferri, V.Quijano, Y.Diaz, E.Fabra, I.Oliva, C.Olivares, S.Vicente, E., Does robotic distal pancreatectomy surgery offer similar results as laparoscopic and open approach? A comparative study from a single medical center. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;280-5	12

8720	T. H. Fujita, H.Shimahara, Y.Sato, S.Kobayashi, J., Initial experience with internal mammary artery harvesting with the da Vinci Surgical System for minimally invasive direct coronary artery bypass. Surgery Today. 2014;44;139311	3
8721	B. S. Owen, A.Siref, A.Shostrom, V.Oleynikov, D., How does robotic anti-reflux surgery compare with traditional open and laparoscopic techniques: a cost and outcomes analysis. Surgical Endoscopy. 2014;28;1686-90	12
8722	N. L. Suardi, A.Haese, A.Ficarra, V.Govorov, A.Buffi, N. M.Walz, J.Rocco, B.Borghesi, M.Steuber, T.Pini, G.Briganti, A.Mottrie, A. M.Guazzoni, G.Montorsi, F.Pushkar, D.Van Der Poel, H.E. A. U. Young Academic Urologists-Robotic Section, Indication for and extension of pelvic lymph node dissection during robot-assisted radical prostatectomy: an analysis of five European institutions. European Urology. 2014;66;635-43	3
8723	B. S. Beyer, T.Tennstedt, P.Boehm, K.Adam, M.Schiffmann, J.Sauter, G.Wittmer, C.Steuber, T.Graefen, M.Huland, H.Haese, A., A feasible and time-efficient adaptation of NeuroSAFE for da Vinci robot-assisted radical prostatectomy. European Urology. 2014;66;138-44	3
8724	A. M. B.-G. Coker, J. S.Cheverie, J.Jacobsen, G. R.Sandler, B. J.Talamini, M. A.Bouvet, M.Horgan, S., Outcomes of robotic-assisted transhiatal esophagectomy for esophageal cancer after neoadjuvant chemoradiation. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2014;24;89-94	3
8725	T. P. G. Cundy, N. E.Yang, G. Z.Darzi, A.Najmaldin, A. S., Experience related factors compensate for haptic loss in robot-assisted laparoscopic surgery. Journal of Endourology. 2014;28;532-8	3
8726	A. M. A. Iloreta, K.Miles, B. A., Mandibular osteotomy for expanded transoral robotic surgery: a novel technique. Laryngoscope. 2014;124;1836-42	7
8727	M. A. P. Borahay, P. R.Kilic, C. H.Kilic, G. S., Outpatient robotic hysterectomy: clinical outcomes and financial analysis of initial experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;244-50	3
8728	R. K. S. Kumar, J. D.Kaczmarek, B. F.Khalifeh, A.Gorin, M. A.Sivarajan, G.Tanagho, Y. S.Bhayani, S. B.Stifelman, M. D.Allaf, M. E.Kaouk, J. H.Rogers, C. G., Robot-assisted partial nephrectomy in patients with baseline chronic kidney disease: a multi-institutional propensity score-matched analysis. European Urology. 2014;65;1205-10	3
8729	M. S. Menon, A.Bhandari, M.Kher, V.Ghosh, P.Abaza, R.Jeong, W.Ghani, K. R.Kumar, R. K.Modi, P.Ahlawat, R., Robotic kidney transplantation with regional hypothermia: a step-by-step description of the Vattikuti Urology Institute-Medanta technique (IDEAL phase 2a). European Urology. 2014;65;991-1000	3
8730	Z. Y. Junfeng, S.Bo, T.Yingxue, H.Dongzhu, Z.Yongliang, Z.Feng, Q.Peiwu, Y., Robotic gastrectomy versus laparoscopic gastrectomy for gastric cancer: comparison of surgical performance and short-term outcomes. Surgical Endoscopy. 2014;28;1779-87	12
8731	Y. L. Kim, S.Shademan, A.Krieger, A.Kim, P. C., Kinect technology for hand tracking control of surgical robots: technical and surgical skill comparison to current robotic masters. Surgical Endoscopy. 2014;28;1993-2000	3
8732	F. Z. Sendag, B.Akdemir, A.Ozgurel, B.Oztekin, K., Analysis of the learning curve for robotic hysterectomy for benign gynaecological disease. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;275-9	3
8733	G. L. Spinoglio, L. M., Single-port robotically assisted laparoscopic surgery. British Journal of Surgery. 2014;101;44624	8
8734	P. G. Culligan, E.Lewis, C.Priestley, J.Komar, J.Salamon, C., Predictive validity of a training protocol using a robotic surgery simulator. Female Pelvic Medicine & Reconstructive Surgery. 2014;20;48-51	4

8735	S. Y. C. Park, G. S.Park, J. S.Kim, H. J.Ryuk, J. P.Yun, S. H., Urinary and erectile function in men after total mesorectal excision by laparoscopic or robot-assisted methods for the treatment of rectal cancer: a case-matched comparison. World Journal of Surgery. 2014;38;1834-42	12
8736	J. S. Pakish, P. T.Frumovitz, M.Westin, S. N.Schmeler, K. M.Reis, R. D.Munsell, M. F.Ramirez, P. T., A comparison of extraperitoneal versus transperitoneal laparoscopic or robotic para-aortic lymphadenectomy for staging of endometrial carcinoma. Gynecologic Oncology. 2014;132;366-71	13
8737	L. M. S. Guseila, A.Jenison, E. L.Gil, K. M.Elias, J. J., Training to maintain surgical skills during periods of robotic surgery inactivity. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;237-43	4
8738	Z. M. Jaffry, M.Clarke, S.Harris, S.Karia, M.Andrews, B.Cobb, J., Unicompartmental knee arthroplasties: robot vs. patient specific instrumentation. Knee. 2014;21;428-34	2
8739	M. S. Fode, J.Jakobsen, H., Radical prostatectomy: initial experience with robot-assisted laparoscopic procedures at a large university hospital. Scandinavian Journal of Urology. 2014;48;252-8	3
8740	J. T. L. Liang, H. S., Surgical technique of robotic D3 lymph node dissection around the inferior mesenteric artery with preservation of the left colic artery and autonomic nerves for the treatment of distal rectal cancer. Surgical Endoscopy. 2014;28;1727-33	3
8741	N. W. Ishikawa, G.Tomita, S.Yamaguchi, S.Nishida, Y.Iino, K., Robot-assisted minimally invasive direct coronary artery bypass grafting. ThoraCAB. Circulation Journal. 2014;78;399-402	3
8742	M. S. Moradi Dalvand, B.Nahavandi, S.Smith, J., Effects of realistic force feedback in a robotic assisted minimally invasive surgery system. Minimally Invasive Therapy & Allied Technologies: Mitat. 2014;23;127-35	2
8743	Y. W. K. Seong, C. H.Choi, J. W.Kim, H. S.Jeon, J. H.Park, I. K.Kim, Y. T., Early clinical outcomes of robot-assisted surgery for anterior mediastinal mass: its superiority over a conventional sternotomy approach evaluated by propensity score matching. European Journal of Cardio-Thoracic Surgery. 2014;45;e68-73; discussion e73	13
8744	R. M. P. Martinez, W.Schweitzer, W.Kronreif, G.Furst, M.Thali, M. J.Ebert, L. C., CT-guided, minimally invasive, postmortem needle biopsy using the B-Rob II needle-positioning robot. Journal of Forensic Sciences. 2014;59;517-21	8
8745	F. V. Ringel, J.Ryang, Y. M.Meyer, B., Navigation, robotics, and intraoperative imaging in spinal surgery. Advances & Technical Standards in Neurosurgery. 2014;41;44642	8
8746	A. P. Germain, C.Scherrer, M. L.Ayav, C.Brunaud, L.Ayav, A.Bresler, L., Long-term outcome of robotic-assisted laparoscopic rectopexy for full-thickness rectal prolapse in elderly patients. Colorectal Disease. 2014;16;198-202	3
8747	E. C. G. Nelson, A. H.Muller, H. G.Smith, W.Ali, M. R.Vidovszky, T. J., Robotic cholecystectomy and resident education: the UC Davis experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;218-22	3
8748	J. Y. E. Park, B. W.Jo, M. J.Yoon, H. M.Ryu, K. W.Kim, Y. W.Nam, B. H.Lee, J. H., Health-related quality of life after robot-assisted distal gastrectomy in early gastric cancer. World Journal of Surgery. 2014;38;1112-20	3

8749	R. A. R. Rippel, A. E.Riga, C. V.Hamady, M.Cheshire, N. J.Bicknell, C. D., The use of robotic endovascular catheters in the facilitation of transcatheter aortic valve implantation. European Journal of Cardio-Thoracic Surgery. 2014;45;836-41	3
8750	T. B. P. Manny, M.Hemal, A. K., Fluorescence-enhanced robotic radical prostatectomy using real-time lymphangiography and tissue marking with percutaneous injection of unconjugated indocyanine green: the initial clinical experience in 50 patients. European Urology. 2014;65;1162-8	3
8751	M. Z. Ansarin, S.Massaro, M. A.Tagliabue, M.Proh, M.Giugliano, G.Calabrese, L.Chiesa, F., Transoral robotic surgery vs transoral laser microsurgery for resection of supraglottic cancer: a pilot surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;107-12	13
8752	T. A. S. Kishore, A.Tharun, B. K.John, E. V.Bhat, S., Renal transplantation through a modified non-muscle-cutting Pfannenstiel incision. International Urology & Nephrology. 2014;46;901-4	2
8753	R. P. Smith, V.Satava, R., Fundamentals of robotic surgery: a course of basic robotic surgery skills based upon a 14-society consensus template of outcomes measures and curriculum development. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;379-84	4
8754	C. S. Komninos, T. Y.Tuliao, P.Yoon, Y. E.Koo, K. C.Chang, C. H.Kim, S. W.Ha, J. Y.Han, W. K.Rha, K. H., R-LESS partial nephrectomy trifecta outcome is inferior to multiport robotic partial nephrectomy: comparative analysis. European Urology. 2014;66;512-7	3
8755	P. J. G. Culligan, E.Lewis, C.Priestley, J. L.Komar, J.Shah, N.Salamon, C. G., Subjective and objective results 1 year after robotic sacrocolpopexy using a lightweight Y-mesh. International Urogynecology Journal. 2014;25;731-5	3
8756	S. G. Sandadi, J. A.Lee, S.Chi, D. S.Sonoda, Y.Jewell, E. L.Brown, C. L.Gardner, G. J.Barakat, R. R.Leitao, M. M., Jr., Fellowship learning curve associated with completing a robotic assisted total laparoscopic hysterectomy. Gynecologic Oncology. 2014;132;102-6	4
8757	M. A. Casillas, Jr.Leichtle, S. W.Wahl, W. L.Lampman, R. M.Welch, K. B.Wellock, T.Madden, E. B.Cleary, R. K., Improved perioperative and short-term outcomes of robotic versus conventional laparoscopic colorectal operations. American Journal of Surgery. 2014;208;33-40	12
8758	W. S. Jeong, A.Ghani, K. R.Pucheril, D.Sammon, J. D.Gupta, N. S.Menon, M.Peabody, J. O., Bimanual examination of the retrieved specimen and regional hypothermia during robot-assisted radical prostatectomy: a novel technique for reducing positive surgical margin and achieving pelvic cooling. BJU International. 2014;114;955-7	3
8759	M. D. Keijzers, A. M.Blaauwgeers, H.van Suylen, R. J.Hochstenbag, M.van Garsse, L.Accord, R.de Baets, M.Maessen, J., 8 years' experience with robotic thymectomy for thymomas. Surgical Endoscopy. 2014;28;1202-8	3
8760	B. G.-I. Diaz-Feijoo, B.Perez-Benavente, A.Martinez-Gomez, X.Colas, E.Sanchez-Iglesias, J. L.Cabrera-Diaz, S.Puig-Puig, O.Magrina, J. F.Gil-Moreno, A., Comparison of robotic-assisted vs conventional laparoscopy for extraperitoneal paraaortic lymphadenectomy. Gynecologic Oncology. 2014;132;98-101	12
8761	D. T. Closhen, A. H.Berres, M.Sebastiani, A.Werner, C.Engelhard, K.Schramm, P., Robotic assisted prostatic surgery in the Trendelenburg position does not impair cerebral oxygenation measured using two different monitors: A clinical observational study. European Journal of Anaesthesiology. 2014;31;104-9	3
8762	S. L. Lee, C. R.Lee, S. C.Park, S.Kim, H. Y.Son, H.Kang, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y.Park, C. S.Cho, A., Surgical completeness of robotic thyroidectomy: a prospective comparison with conventional open thyroidectomy in papillary thyroid carcinoma patients. Surgical Endoscopy. 2014;28;1068-75	12

8763	V. M. Ficarra, A.Antonelli, A.Bhayani, S.Guazzoni, G.Longo, N.Martorana, G.Morgia, G.Mottrie, A.Porter, J.Simeone, C.Vittori, G.Zattoni, F.Carini, M., A multicentre matched-pair analysis comparing robot-assisted versus open partial nephrectomy. BJU International. 2014;113;936-41	13
8764	S. J. M. Swanson, D. L.McKenna, R. J., Jr.Howington, J.Marshall, M. B.Yoo, A. C.Moore, M.Gunnarsson, C. L.Meyers, B. F., Comparing robot-assisted thoracic surgical lobectomy with conventional video-assisted thoracic surgical lobectomy and wedge resection: results from a multihospital database (Premier). Journal of Thoracic & Cardiovascular Surgery. 2014;147;929-37	13
8765	C. B. Uras, D. E.Erguner, I.Hamzaoglu, I., Robotic single port cholecystectomy (R-LESS-C): experience in 36 patients. Asian Journal of Surgery. 2014;37;115-9	3
8766	H. I. Noshiro, O.Urata, M., Robotically-enhanced surgical anatomy enables surgeons to perform distal gastrectomy for gastric cancer using electric cautery devices alone. Surgical Endoscopy. 2014;28;1180-7	3
8767	D. T. Ramzy, A.Cheng, W.De Robertis, M. A.Mirocha, J.Ruzza, A.Kass, R. M., Three hundred robotic-assisted mitral valve repairs: the Cedars-Sinai experience. Journal of Thoracic & Cardiovascular Surgery. 2014;147;228-35	3
8768	B. A. D. Wormer, K. T.Williams, K. B.Bradley, J. F., 3rdWalters, A. L.Augenstein, V. A.Stefanidis, D.Heniford, B. T., The first nationwide evaluation of robotic general surgery: a regionalized, small but safe start. Surgical Endoscopy. 2014;28;767-76	12
8769	G. I. L. Lee, M. R.Clanton, T.Sutton, E.Park, A. E.Marohn, M. R., Comparative assessment of physical and cognitive ergonomics associated with robotic and traditional laparoscopic surgeries. Surgical Endoscopy. 2014;28;456-65	1
8770	N. S. Harke, G.Schiefelbein, F.Heinrich, E., Selective clamping under the usage of near-infrared fluorescence imaging with indocyanine green in robot-assisted partial nephrectomy: a single-surgeon matched-pair study. World Journal of Urology. 2014;32;1259-65	3
8771	L. S. Panait, S.Shewokis, P. A.Sanchez, J. A., Do laparoscopic skills transfer to robotic surgery?. Journal of Surgical Research. 2014;187;19572	4
8772	J. S. Cardenas-Goicoechea, A.Momeni, M.Mandeli, J.Chuang, L.Gretz, H.Fishman, D.Rahaman, J.Randall, T., Survival analysis of robotic versus traditional laparoscopic surgical staging for endometrial cancer. American Journal of Obstetrics & Gynecology. 2014;210;160.e1-160.e11	12
8773	K. C. Yamasato, D.Kaneshiro, B.Hiraoka, M., Effect of robotic surgery on hysterectomy trends: implications for resident education. Journal of Minimally Invasive Gynecology. 2014;21;399-405	4
8774	B. L. Ahn, H.Kim, Y.Kim, J., Robotic system with sweeping palpation and needle biopsy for prostate cancer diagnosis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;356-67	2
8775	P. S. Wimberger, A., Robotic surgery in gynecology. Archives of Gynecology & Obstetrics. 2014;289;44687	8
8776	N. C. P. Buchs, F.Azagury, D. E.Huber, O.Chassot, G.Morel, P., Robotic revisional bariatric surgery: a comparative study with laparoscopic and open surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;213-7	12
8777	N. D. Koutlidis, C.de la Vega, M. F.Mourey, E.Michel, F.Cormier, L., Capsular incision in normal prostatic tissue during robot-assisted radical prostatectomy: a new concept or a waste of time?. World Journal of Urology. 2014;32;1235-40	3
8778	M. L. Gorostidi, J.Bernal, T.Goiri, C.Arrue, M.Navarrina, P.Lekuona, A., Robotic retroperitoneal paraaortic lymphadenectomy at Donostia University Hospital. Journal of Minimally Invasive Gynecology. 2014;21;480-5	3

8779	E. S. L. Rodrigues, J. J.Suri, R. M.Burkhart, H. M.Li, Z.Mauermann, W. J.Rehfeldt, K. H.Nuttall, G. A., Robotic mitral valve repair: a review of anesthetic management of the first 200 patients. Journal of Cardiothoracic & Vascular Anesthesia. 2014;28;64-68	3
8780	P. B. Morel, N. C.Iranmanesh, P.Pugin, F.Buehler, L.Azagury, D. E.Jung, M.Volonte, F.Hagen, M. E., Robotic single-site cholecystectomy. Journal of Hepato-biliary-pancreatic Sciences. 2014;21;18-25	3
8781	L. J. L. Hefermehl, R. A.Hermanns, T.Poyet, C.Sulser, T.Eberli, D., Lateral temperature spread of monopolar, bipolar and ultrasonic instruments for robot-assisted laparoscopic surgery. BJU International. 2014;114;245-52	3
8782	N. L. Pluchino, P.Freschi, L.Russo, M.Simi, G.Santoro, A. N.Angioni, S.Gadducci, A.Cela, V., Comparison of the initial surgical experience with robotic and laparoscopic myomectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;208-12	13
8783	A. W. C. Villamil, J. I.Billordo Peres, N.Martinez, P. F.Giudice, C. R.Damia, O. H., Incidence of positive surgical margins after robotic assisted radical prostatectomy: Does the surgeon's experience have an influence on all pathological stages?. Actas Urologicas Espanolas. 2014;38;30926	3
8784	O. S. V.-C. Barnoiu, R.Garcia-Galisteo, E.Soler-Martinez, J.del Rosa-Samaniego, J. M.Machuca-Santacruz, J.Baena-Gonzalez, V., Urodynamic assessment of bladder and urethral sphincter function before and after robot-assisted radical prostatectomy. Actas Urologicas Espanolas. 2014;38;78-83	3
8785	I. J. O. Lalich, S. M.Ekbom, D. C., Robotic microlaryngeal surgery: feasibility using a newly designed retractor and instrumentation. Laryngoscope. 2014;124;1624-30	7
8786	M. W. Kent, T.Whyte, R.Curran, T.Flores, R.Gangadharan, S., Open, video-assisted thoracic surgery, and robotic lobectomy: review of a national database. Annals of Thoracic Surgery. 2014;97;236-42; discussion 242-4	13
8787	N. C. P. Buchs, F.Volonte, F.Morel, P., Reliability of robotic system during general surgical procedures in a university hospital. American Journal of Surgery. 2014;207;30895	4
8788	J. Y. Zheng, J.Zhou, Z.Chen, Z.Li, X.Pan, J.Li, W., Concomitant treatment of ureteropelvic junction obstruction and renal calculi with robotic laparoscopic surgery and rigid nephroscopy. Urology. 2014;83;237-42	2
8789	H. I. P. Kim, M. S.Song, K. J.Woo, Y.Hyung, W. J., Rapid and safe learning of robotic gastrectomy for gastric cancer: multidimensional analysis in a comparison with laparoscopic gastrectomy. European Journal of Surgical Oncology. 2014;40;1346-54	12
8790	F. J. K. Fernandez-Nogueras, M. J.Arraez Sanchez, M. A.Molina Martinez, M.Sanchez Carrion, M., Transoral robotic surgery of the central skull base: preclinical investigations. European Archives of Oto-Rhino-Laryngology. 2014;271;1759-63	7
8791	K. M. Y. Bruce, G. W.Almeida, A. A.Smith, J. A.Robinson, S. R., Effects on cognition of conventional and robotically assisted cardiac valve operation. Annals of Thoracic Surgery. 2014;97;48-55	13
8792	B. M. Orasanu, J.Pasko, B.Hijaz, A.Daneshgari, F., Robotic-assisted urethrolysis for urethral obstruction after retropubic bladder neck suspension-a case series report. Journal of Endourology. 2014;28;214-8	3
8793	J. W. T. Collins, S.Nyberg, T.Schumacher, M. C.Laurin, O.Adding, C.Jonsson, M.Khazaeli, D.Steineck, G.Wiklund, P.Hosseini, A., Robot-assisted radical cystectomy (RARC) with intracorporeal neobladder - what is the effect of the learning curve on outcomes?. BJU International. 2014;113;100-7	3

8794	A. A. M. Razmaria, P. E.Prasad, S. M.Shalhav, A. L.Gundeti, M. S., Does robot-assisted laparoscopic ileocystoplasty (RALI) reduce peritoneal adhesions compared with open surgery?. BJU International. 2014;113;468-75	7
8795	S. R. Sukumar, C. G.Trinh, Q. D.Sammon, J.Sood, A.Stricker, H.Peabody, J. O.Menon, M.Diaz-Insua, M., Oncological outcomes after robot-assisted radical prostatectomy: long-term follow-up in 4803 patients. BJU International. 2014;114;824-31	3
8796	T. Y. Hashimoto, K.Gondo, T.Ozu, C.Horiguchi, Y.Namiki, K.Ohno, Y.Ohori, M.Nakashima, J.Tachibana, M., Preoperative prognostic factors for biochemical recurrence after robot-assisted radical prostatectomy in Japan. International Journal of Clinical Oncology. 2014;19;702-7	3
8797	A. G. Tsung, D. A.Sukato, D. C.Sabbaghian, S.Tohme, S.Steel, J.Marsh, W.Reddy, S. K.Bartlett, D. L., Robotic versus laparoscopic hepatectomy: a matched comparison. Annals of Surgery. 2014;259;549-55	12
8798	Y. M. Y. Lee, O.Sung, T. Y.Chung, K. W.Yoon, J. H.Hong, S. J., Surgical outcomes of robotic thyroid surgery using a double incision gasless transaxillary approach: analysis of 400 cases treated by the same surgeon. Head & Neck. 2014;36;1413-9	3
8799	A. A. S. Angus, S. L.McIntosh, B. B., Learning curve and early clinical outcomes for a robotic surgery novice performing robotic single site cholecystectomy. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;203-7	3
8800	C. W. He, S.Sang, H.Li, J.Zhang, L., Force sensing of multiple-DOF cable-driven instruments for minimally invasive robotic surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;314-24	2
8801	R. V. Mathieu, G.Vincendeau, S.Manunta, A.Bensalah, K., Robotic-assisted laparoendoscopic single-site radical nephrectomy: first experience with the novel Da Vinci single-site platform. World Journal of Urology. 2014;32;273-6	3
8802	J. Y. Chan, Surgical management of recurrent nasopharyngeal carcinoma. Oral Oncology. 2014;50;913-7	8
8803	G. C. Ozyigit, M.Hurmuz, P.Yazici, G.Gultekin, M.Akyol, F.Yildiz, F.Gurkaynak, M.Zorlu, F., Robotic stereotactic radiosurgery in patients with nasal cavity and paranasal sinus tumors. Technology in Cancer Research & Treatment. 2014;13;409-13	3
8804	D. S. S. Keller, A. J.Lawrence, J. K.Champagne, B. J.Delaney, C. P., Comparative effectiveness of laparoscopic versus robot-assisted colorectal resection. Surgical Endoscopy. 2014;28;212-21	12
8805	J. B. Seror, A. S.Huchon, C.Bensaid, C.Douay-Hauser, N.Lecuru, F., Laparoscopy vs robotics in surgical management of endometrial cancer: comparison of intraoperative and postoperative complications. Journal of Minimally Invasive Gynecology. 2014;21;120-5	13
8806	P. J. S. Johnson, D. E.Duvvuri, U., Output control of da Vinci surgical system's surgical graspers. Journal of Surgical Research. 2014;186;56-62	3
8807	B. L. Ye, W.Ge, X. X.Feng, J.Ji, C. Y.Cheng, M.Tantai, J. C.Zhao, H., Surgical treatment of early-stage thymomas: robot-assisted thoracoscopic surgery versus transsternal thymectomy. Surgical Endoscopy. 2014;28;122-6	13
8808	P. L. C. Yen, Y. J.Hsu, S. W.Wang, J. H.Hung, S. S., Coordinated control of bone cutting for a CT-free navigation robotic system in total knee arthroplasty. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;180-6	3
8809	J. D. Q. Richmon, H.Gourin, C. G., The effect of transoral robotic surgery on short-term outcomes and cost of care after oropharyngeal cancer surgery. Laryngoscope. 2014;124;165-71	13

8810	D. A. Segal, N.Nasir, H.Mustafa, S.Lowenstein, L., Combined spinal and general anesthesia vs general anesthesia for robotic sacrocervicopexy: a randomized controlled trial. International Urogynecology Journal. 2014;25;369-74	3
8811	B. J. Y. Abdullah, C. H.Goh, K. L.Yoong, B. K.Ho, G. F.Yim, C. C.Kulkarni, A., Robot-assisted radiofrequency ablation of primary and secondary liver tumours: early experience. European Radiology. 2014;24;79-85	3
8812	D. S. Finley, J. H.Avila, E.Bilsky, M., Thorascopic resection of an apical paraspinal schwannoma using the da Vinci surgical system. Journal of Neurological Surgery. 2014;75;58-63	3
8813	T. K. S. Hoffmann, P. J.Bankfalvi, A.Greve, J.Heusgen, L.Lang, S.Mattheis, S., Comparative analysis of resection tools suited for transoral robot-assisted surgery. European Archives of Oto-Rhino-Laryngology. 2014;271;1207-13	7
8814	W. Y. Chen, G.Wang, Z.Jiang, P.Liu, H., A wireless capsule robot with spiral legs for human intestine. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;147-61	2
8815	J. R. Makela-Kaikkonen, T.Klintrup, K.Takala, H.Vierimaa, M.Ohtonen, P.Makela, J., Robotic-assisted and laparoscopic ventral rectopexy in the treatment of rectal prolapse: a matched-pairs study of operative details and complications. Techniques in Coloproctology. 2014;18;151-5	12
8816	N. P. Smorgick, K. E.Hoffman, M. R.Advincula, A. P.Song, A. H.As-Sanie, S., The increasing use of robot-assisted approach for hysterectomy results in decreasing rates of abdominal hysterectomy and traditional laparoscopic hysterectomy. Archives of Gynecology & Obstetrics. 2014;289;101-5	3
8817	S. Y. P. Lee, Y. M.Byeon, H. K.Choi, E. C.Kim, S. H., Comparison of oncologic and functional outcomes after transoral robotic lateral oropharyngectomy versus conventional surgery for T1 to T3 tonsillar cancer. Head & Neck. 2014;36;1138-45	13
8818	S. J. Y. Jeong, J. S.Lee, J. K.Cha, W. H.Jeong, J. W.Lee, B. K.Lee, S. C.Jeong, C. W.Kim, J. H.Hong, S. K.Byun, S. S.Lee, S. E., Development and validation of nomograms to predict the recovery of urinary continence after radical prostatectomy: comparisons between immediate, early, and late continence. World Journal of Urology. 2014;32;437-44	3
8819	A. S. Ploumidis, A. F.De Naeyer, G.Schatteman, P.Gan, M.Ficarra, V.Volpe, A.Mottrie, A., Robot-assisted sacrocolpopexy for pelvic organ prolapse: surgical technique and outcomes at a single high-volume institution. European Urology. 2014;65;138-45	3
8820	N. Y. Goyal, F.Setabutr, D.Goldenberg, D., Surgical anatomy of the supraglottic larynx using the da Vinci robot. Head & Neck. 2014;36;1126-31	7
8821	G. I. Siesto, N.Rosati, R.Vitobello, D., Robotic surgery for deep endometriosis: a paradigm shift. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;140-6	3
8822	C. M. Vicini, F.Pang, K.Bahgat, A.Dallan, I.Frassineti, S.Campanini, A., Combined transoral robotic tongue base surgery and palate surgery in obstructive sleep apnea-hypopnea syndrome: expansion sphincter pharyngoplasty versus uvulopalatopharyngoplasty. Head & Neck. 2014;36;77-83	3
8823	M. M. Hadavand, A.Behzadipour, S.Farahmand, F., A novel remote center of motion mechanism for the force-reflective master robot of haptic tele-surgery systems. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;129-39	4
8824	H. K. H. Byeon, F. C.Koh, Y. W.Ban, M. J.Ha, J. G.Park, J. J.Kim, D.Choi, E. C., Endoscopic supraomohyoid neck dissection via a retroauricular or modified facelift approach: preliminary results. Head & Neck. 2014;36;425-30	3

8825	K. R. Durmus, S. V.Old, M. O.Agrawal, A.Teknos, T. N.Ozer, E., Transoral robotic approach to carcinoma of unknown primary. Head & Neck. 2014;36;848-52	3
8826	F. S. Weidinger, T.Bonaros, N.Hofauer, B.Lehr, E. J.Vesely, M.Zimrin, D.Bonatti, J., Predictors and consequences of postoperative atrial fibrillation following robotic totally endoscopic coronary bypass surgery. European Journal of Cardio-Thoracic Surgery. 2014;45;318-22	3
8827	M. H. W. Sodergren, A.Nehme, J.Clark, J.Gillen, S.Feussner, H.Teare, J.Darzi, A.Yang, G. Z., Endoscopic horizon stabilization in natural orifice translumenal endoscopic surgery: a randomized controlled trial. Surgical Innovation. 2014;21;27273	2
8828	D. C. Cassini, G.Miccini, M.Manoochehri, F.Ercoli, A.Baldazzi, G., Robotic hybrid technique in rectal surgery for deep pelvic endometriosis. Surgical Innovation. 2014;21;19207	3
8829	M. S. Moradi Dalvand, B.Shamdani, A. H.Smith, J.Zhong, Y., An actuated force feedback-enabled laparoscopic instrument for robotic-assisted surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2014;10;44886	3
8830	J. R. P. de Almeida, R. C.Villanueva, N. L.Miles, B. A.Teng, M. S.Genden, E. M., Reconstructive algorithm and classification system for transoral oropharyngeal defects. Head & Neck. 2014;36;934-41	3
8831	J. R. V. de Almeida, N. L.Moskowitz, A. J.Miles, B. A.Teng, M. S.Sikora, A.Gupta, V.Posner, M.Genden, E. M., Preferences and utilities for health states after treatment for oropharyngeal cancer: transoral robotic surgery versus definitive (chemo)radiotherapy. Head & Neck. 2014;36;923-33	13
8832	N. L. d. A. Villanueva, J. R.Sikora, A. G.Miles, B. A.Genden, E. M., Transoral robotic surgery for the management of oropharyngeal minor salivary gland tumors. Head & Neck. 2014;36;28-33	3
8833	R. M. L. Hall, N.Coughlin, G., Robotic and open radical prostatectomy in the public health sector: cost comparison. ANZ Journal of Surgery. 2014;84;477-80	12
8834	G. d. l. T. Ploussard, A.Moulin, M.Vordos, D.Hoznek, A.Abbou, C. C.Salomon, L., Comparisons of the perioperative, functional, and oncologic outcomes after robot-assisted versus pure extraperitoneal laparoscopic radical prostatectomy. European Urology. 2014;65;610-9	12
8835	M. F. C. Wszolek, D.Moinzadeh, A.Sorcini, A., Laparoscopy for the detection and treatment of early complications from minimally invasive urologic surgery. Journal of Endourology. 2014;28;1197-201	12
8836	A. R. Close, C.Rushton, S.Shirley, M.Vale, L.Ramsay, C.Pickard, R., Comparative cost-effectiveness of robot-assisted and standard laparoscopic prostatectomy as alternatives to open radical prostatectomy for treatment of men with localised prostate cancer: a health technology assessment from the perspective of the UK National Health Service. European Urology. 2013;64;361-9	12
8837	M. S. E. Khan, O.Challacombe, B.Murphy, D.Coker, B.Rimington, P.O'Brien, T.Dasgupta, P., Long-term outcomes of robot-assisted radical cystectomy for bladder cancer. European Urology. 2013;64;219-24	3
8838	A. P. Talasaz, R. V., Integration of force reflection with tactile sensing for minimally invasive robotics-assisted tumor localization. IEEE Transactions on Haptics. 2013;6;217-28	3
8839	P. L. S. Chang, D.Davison, A. J.Edwards, P. E., Real-time dense stereo reconstruction using convex optimisation with a cost-volume for image-guided robotic surgery. Medical Image Computing & Computer-Assisted Intervention: MICCAI. 2013;16;15585	3

8840	N. G. Ahmidi, Y.Bejar, B.Vedula, S. S.Khudanpur, S.Vidal, R.Hager, G. D., String motif-based description of tool motion for detecting skill and gestures in robotic surgery. Medical Image Computing & Computer-Assisted Intervention: MICCAI. 2013;16;26-33	3
8841	A. C. D. Ramos, C. E.Volpe, P.Pajecki, D.D'Almeida, L. A.Ramos, M. G.Bastos, E. L.Kim, K. C., Early outcomes of the first Brazilian experience in totally robotic bariatric surgery. ABCD, Arquivos Brasileiros de Cirurgia Digestiva. 2013;26 Suppl 1;44599	3
8842	H. H. Aziz, A simple technique of laparoscopic port closure. Journal of the Society of Laparoendoscopic Surgeons. 2013;17;672-4	3
8843	R. R. Seetharamaiah, R. J.Kosanovic, R.Gallas, M.Verdeja, J. C.Rabaza, J.Gonzalez, A. M., Robotic repair of giant paraesophageal hernias. Journal of the Society of Laparoendoscopic Surgeons. 2013;17;570-7	3
8844	K. A. Inoue, S.Fukuhara, H.Iiyama, T.Miyamura, M.Kurabayashi, A.Furihata, M.Shuin, T., Application of 5-aminolevulinic acid-mediated photodynamic diagnosis to robot-assisted laparoscopic radical prostatectomy. Urology. 2013;82;1175-8	3
8845	S. W. Soga, G.Ishikawa, N.Kimura, K.Oda, M., How does the surgeon's experience of abdominal operations influence the learning curves for robot-assisted vascular anastomosis?. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2013;8;427-32	4
8846	J. R. H. Eriksen, N. M.Jakobsen, H. L.Olsen, J.Bundgaard, M.Harvald, T.Gogenur, I., Early results after robot-assisted colorectal surgery. Danish Medical Journal. 2013;60;A4736	3
8847	J. M. H. Hemli, L. W.Panetta, C. R.Suh, J. S.Shukri, S. R.Jennings, J. M.Fontana, G. P.Patel, N. C., Defining the learning curve for robotic-assisted endoscopic harvesting of the left internal mammary artery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2013;8;353-8	3
8848	K. R. Attalla, S. J.Rehman, S.Din, R.Stegemann, A.Field, E.Curti, L.Sexton, S.Bienko, M.Bhandari, M.Guru, K. A., Effectiveness of a dedicated robot-assisted surgery training program. Canadian Journal of Urology. 2013;20;7084-90	3
8849	R. F. H. Valdivieso, P. A.Zorn, K. C., Robot assisted radical prostatectomy: how I do it. Part II: Surgical technique. Canadian Journal of Urology. 2013;20;1889614	8
8850	D. A. I. Fitzgerald, D.Isaacs, S., The Da Vinci Code and the alphabet of research. Medical Journal of Australia. 2013;199;816	2
8851	N. K. Ishikawa, M.Moriyama, H.Shimada, M.Watanabe, G., Robot-assisted thyroidectomy with novel camera-port retractor. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2013;8;384-8	3
8852	R. K. Elazary, A.Shussman, N.Abu-Gazala, M.Khalaileh, A.Faroja, M.Rivkind, A. I.Mintz, Y., A novel totally internal laparoscopic liver retractor. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2013;23;e222-4	8
8853	Anonymous, Robotic surgery complications underreported. Or Manager. 2013;29;5	8
8854	T. A. Esen, O.Musaoglu, A.Vural, M., Morphometric profile of the localised renal tumors managed either by open or robot-assisted nephron-sparing surgery: the impact of scoring systems on the decision making process. BMC Urology. 2013;13;63	3
8855	S. S. Greenfield, W., The complexities of comparative effectiveness research on devices: the case of robotic-assisted surgery for prostate cancer. Journal of Comparative Effectiveness Research. 2013;2;367-70	8
8856	R. Z. A. Abdalla, M.Ribeiro-Junior, U.Machado, M. A.Luca-Filho, C. R., Robotic abdominal surgery: a Brazilian initial experience. ABCD, Arquivos Brasileiros de Cirurgia Digestiva. 2013;26;190-4	3

8857	T. M. Sejima, T.Morizane, S.Hikita, K.Kobayashi, N.Yao, A.Muraoka, K.Honda, M.Kitano, H.Takenaka, A., Robot-assisted radical prostatectomy: a case series of the first 100 patients--constitutional introduction and implementation on the basis of comprehensive department of minimal invasive surgery center. BMC Research Notes. 2013;6;436	3
8858	D. S. C. Oh, I.Karamian, B.DeMeester, S. R.Hagen, J. A., Early adoption of robotic pulmonary lobectomy: feasibility and initial outcomes. American Surgeon. 2013;79;1075-80	13
8859	O. T. Sgarbura, V.Blajut, C.Popescu, I., A 5-year perspective over robotic general surgery: indications, risk factors and learning curves. Chirurgia (Bucuresti). 2013;108;599-610	3
8860	R. A. S. Bly, D.Lendvay, T. S.Friedman, D.Hannaford, B.Ferreira, M.Moe, K. S., Multiportal robotic access to the anterior cranial fossa: a surgical and engineering feasibility study. Otolaryngology - Head & Neck Surgery. 2013;149;940-6	7
8861	X. X. J. Liu, Z. W.Chen, P.Zhao, Y.Pan, H. F.Li, J. S., Full robot-assisted gastrectomy with intracorporeal robot-sewn anastomosis produces satisfying outcomes. World Journal of Gastroenterology. 2013;19;6427-37	3
8862	M. F. Morino, F.Giaccone, C.Rebecchi, F., Robot-assisted Heller myotomy for achalasia: technique and results. Annali Italiani di Chirurgia. 2013;84;520-3	8
8863	R. T. Poffo, A. P.Pope, R. B.Celullare, A. L.Benicio, A.Fischer, C. H.Vieira, M. L.Teruya, A.Hatanaka, D. M.Rusca, G. F.Makdisse, M., Robotic surgery in cardiology: a safe and effective procedure. Einstein. 2013;11;296-302	3
8864	S. A. M. Patel, J. S.Holsinger, F. C.Karni, R. J.Richmon, J. D.Gross, N. D.Bhrany, A. D.Ferrell, J. K.Ford, S. E.Kennedy, A. A.Mendez, E., Robotic surgery for primary head and neck squamous cell carcinoma of unknown site. JAMA Otolaryngology-- Head & Neck Surgery. 2013;139;1203-11	3
8865	R. L. D. Leonardis, U.Mehta, D., Transoral robotic-assisted lingual tonsillectomy in the pediatric population. JAMA Otolaryngology-- Head & Neck Surgery. 2013;139;1032-6	3
8866	H. H. Desille-Gbaguidi, T.Paternotte-Villemagne, J.Gaborit, C.Rush, E.Body, G., Overall care cost comparison between robotic and laparoscopic surgery for endometrial and cervical cancer. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2013;171;348-52	13
8867	R. F. H. Valdivieso, P. A.Zorn, K. C., Robot assisted radical prostatectomy: how I do it. Part I: Patient preparation and positioning. Canadian Journal of Urology. 2013;20;6957-61	8
8868	H. P. Turunen, P.Sjoberg, J.Loukovaara, M., Laparoscopic vs robotic-assisted surgery for endometrial carcinoma in a centre with long laparoscopic experience. Journal of Obstetrics & Gynaecology. 2013;33;720-4	13
8869	I. H. Nisky, M. H.Okamura, A. M., The effect of a robot-assisted surgical system on the kinematics of user movements. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2013;2013;6257-60	8
8870	M. G. H. Martini, C. T.Nasralla, M. M.Smith, R.Jourdan, I.Rockall, T., 3-D robotic tele-surgery and training over next generation wireless networks. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2013;2013;1586797	8
8871	S. W. Tatinati, Y.Shafiq, G.Veluvolu, K. C., Online LS-SVM based multi-step prediction of physiological tremor for surgical robotics. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2013;2013;1513353	8

8872	B. H. Gonenc, J.Gehlbach, P.Taylor, R. H.Iordachita, I., Design of 3-DOF force sensing micro-forceps for robot assisted vitreoretinal surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2013;2013;1383054	8
8873	E. F. Promayon, C.Bailet, M.Deram, A.Fiard, G.Hungr, N.Luboz, V.Payan, Y.Sarrazin, J.Saubat, N.Selmi, S. Y.Voros, S.Cinquin, P.Troccaz, J., Using CamiTK for rapid prototyping of interactive computer assisted medical intervention applications. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2013;2013;1107934	8
8874	J. B. Vaucher, H., Lifeguard for robotic surgery assistance "LIGRA": an interactive platform centralizing information and control in robotic surgery. Annual International Conference Of The IEEE Engineering In Medicine And Biology Society. 2013;2013;4759-62	8
8875	M. I. R. Liang, M. A.Rath, K. S.Clements, A. E.Backes, F. J.Eisenhauer, E. L.Salani, R.O'Malley, D. M.Fowler, J. M.Cohn, D. E., Reducing readmissions after robotic surgical management of endometrial cancer: a potential for improved quality care. Gynecologic Oncology. 2013;131;508-11	3
8876	R. G. F. Blanco, C.Ha, P. K.Ryniak, K.Messing, B.Califano, J. A.Saunders, J. R., Transoral robotic surgery experience in 44 cases. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2013;23;900-7	3
8877	G. A. L. Feuer, N.Barker, J.Salmieri, S.Burrell, M., Perioperative and clinical outcomes in the management of epithelial ovarian cancer using a robotic or abdominal approach. Gynecologic Oncology. 2013;131;520-4	13
8878	M. D. Nayeemuddin, S. C.Ellsworth, P., Modifiable factors to decrease the cost of robotic-assisted procedures. AORN Journal. 2013;98;343-52	10
8879	E. S. Y. Chan, C. H.Lo, K. L.Chan, C. K.Hou, S. M.Ng, C. F., Side-docking technique for robot-assisted urologic pelvic surgery. Urology. 2013;82;1300-3	3
8880	P. T. I. Soliman, D.Munsell, M. F.Frumovitz, M.Westin, S. N.Nick, A. M.Schmeler, K. M.Ramirez, P. T., Successful incorporation of robotic surgery into gynecologic oncology fellowship training. Gynecologic Oncology. 2013;131;730-3	4
8881	M. A. Olympio, Postoperative visual loss after robotic pelvic surgery. BJU International. 2013;112;1060-1	8
8882	N. S. Zhang, B. D., Transoral robotic surgery: simulation-based standardized training. JAMA Otolaryngology-- Head & Neck Surgery. 2013;139;1111-7	3
8883	B. P. Waxman, Medicine in small doses: robotic surgery - where to from here?. ANZ Journal of Surgery. 2013;83;505	8
8884	N. T. Hai, M. R.Sadeghi, N., The vallecular line: an objective measure in evaluating the base of the tongue and vallecular cancers for transoral robotic surgery. Journal of Computer Assisted Tomography. 2013;37;686-93	3
8885	K. S. Tanaka, K.Furukawa, J.Ishimura, T.Muramaki, M.Miyake, H.Fujisawa, M., Comparison of the transperitoneal and retroperitoneal approach in robot-assisted partial nephrectomy in an initial case series in Japan. Journal of Endourology. 2013;27;1384-8	3
8886	G. R. Mercante, P.Pellini, R.Cristalli, G.Spriano, G., Transoral robotic surgery (TORS) for tongue base tumours. Acta Otorhinolaryngologica Italica. 2013;33;230-5	3
8887	D. S. H. Keller, L.Lu, M.Delaney, C. P., Short-term outcomes for robotic colorectal surgery by provider volume. Journal of the American College of Surgeons. 2013;217;1063-9.e1	3
8888	N. N. Crisan, C.Matei, D. V.Coman, I., Robotic retroperitoneal approach - a new technique for the upper urinary tract and adrenal gland. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2013;9;492-6	3

8889	A. D. S. Giacomoni, S.Lauterio, A.Mangoni, I.Mihaylov, P.Concone, G.Tripepi, M.Poli, C.Cusumano, C.De Carlis, L., Initial experience with robot-assisted nephrectomy for living-donor kidney transplantation: feasibility and technical notes. Transplantation Proceedings. 2013;45;2627-31	3
8890	D. A. G. Silasi, T.Silasi, M.Menderes, G.Azodi, M., Robotic versus abdominal hysterectomy for very large uteri. Journal of the Society of Laparoendoscopic Surgeons. 2013;17;400-6	13
8891	S. H. G. Chia, N. D.Richmon, J. D., Surgeon experience and complications with Transoral Robotic Surgery (TORS). Otolaryngology - Head & Neck Surgery. 2013;149;885-92	3
8892	G. G. Boccara, T.Aidan, P., Anesthetic implications for robot-assisted transaxillary thyroid and parathyroid surgery: a report of twenty cases. Journal of Clinical Anesthesia. 2013;25;508-12	3
8893	A. H. M. Zureikat, A. J.Boone, B. A.Bartlett, D. L.Zenati, M.Zeh, H. J., 3rd, 250 robotic pancreatic resections: safety and feasibility. Annals of Surgery. 2013;258;554-9; discussion 559-62	3
8894	F. B. B. Thomsen, K. D.Hvarness, H.Nielsen, J.Iversen, P., Robot-assisted radical prostatectomy is a safe procedure. Danish Medical Journal. 2013;60;A4696	3
8895	R. G. B. Blanco, K., Robotic-assisted skull base surgery: preclinical study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2013;23;776-82	7
8896	M. E. T. Currie, A. L.Rayman, R.Chu, M. W.Patel, R.Peters, T.Kiaii, B. B., Evaluating the effect of three-dimensional visualization on force application and performance time during robotics-assisted mitral valve repair. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2013;8;199-205	7
8897	C. W. C. Seder, S. D.Wigle, D. A., Navigating the pathway to robotic competency in general thoracic surgery. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2013;8;184-9	3
8898	L. H. S. Clark, P. T.Odetto, D.Munsell, M. F.Schmeler, K. M.Fleming, N.Westin, S. N.Nick, A. M.Ramirez, P. T., Incidence of trocar site herniation following robotic gynecologic surgery. Gynecologic Oncology. 2013;131;400-3	3
8899	D. S. Wiedemann, T.Bonaros, N.Lehr, E. J.Wehman, B.Hong, P.Gibber, M.Lee, J.Bonatti, J., Robotic totally endoscopic coronary artery bypass grafting in men and women: are there sex differences in outcome?. Annals of Thoracic Surgery. 2013;96;1643-7	3
8900	Z. S. Lee, J.Parker, D. C.Reilly, C.Llukani, E.Lee, D. I.Mydlo, J. H.Eun, D. D., Novel use of indocyanine green for intraoperative, real-time localization of ureteral stenosis during robot-assisted ureteroureterostomy. Urology. 2013;82;729-33	3
8901	C. M. C. Vaccaro, C. C.Fellner, A. N.Jackson, C.Kleeman, S. D.Pavelka, J., Robotic virtual reality simulation plus standard robotic orientation versus standard robotic orientation alone: a randomized controlled trial. Female Pelvic Medicine & Reconstructive Surgery. 2013;19;266-70	1
8902	R. W. Kimmig, P.Buderath, P.Aktas, B.Iannaccone, A.Heubner, M., Definition of compartment-based radical surgery in uterine cancer: radical hysterectomy in cervical cancer as 'total mesometrial resection (TMMR)' by M Hockel translated to robotic surgery (rTMMR). World Journal of Surgical Oncology. 2013;11;211	3
8903	C. B. Lonnerfors, T.Persson, J., Port-site metastases following robot-assisted laparoscopic surgery for gynecological malignancies. Acta Obstetricia et Gynecologica Scandinavica. 2013;92;1361-8	3
8904	S. G. Blamek, A.Miszczyk, L., Robotic radiosurgery versus micro-multileaf collimator: a dosimetric comparison for large or critically located arteriovenous malformations. Radiation Oncology. 2013;8;205	12

8905	S. A. Farghaly, Robot-assisted laparoscopic surgery in patients with advanced ovarian cancer: Farghaly's technique. European Journal of Gynaecological Oncology. 2013;34;205-7	8
8906	D. D. Bansal, W. R., Jr.Reddy, P. P.Minevich, E. A.Noh, P. H., Complications of robotic surgery in pediatric urology: a single institution experience. Urology. 2013;82;917-20	3
8907	H. F. White, S.Bush, B.Holsinger, F. C.Moore, E.Ghanem, T.Carroll, W.Rosenthal, E.Sweeny, L.Magnuson, J. S., Salvage surgery for recurrent cancers of the oropharynx: comparing TORS with standard open surgical approaches. JAMA Otolaryngology-- Head & Neck Surgery. 2013;139;773-8	13
8908	A. P. L. Saklani, D. R.Hur, H.Min, B. S.Baik, S. H.Lee, K. Y.Kim, N. K., Robotic versus laparoscopic surgery for mid-low rectal cancer after neoadjuvant chemoradiation therapy: comparison of oncologic outcomes. International Journal of Colorectal Disease. 2013;28;1689-98	12
8909	R. A. Kimmig, B.Buderath, P.Wimberger, P.Iannaccone, A.Heubner, M., Definition of compartment-based radical surgery in uterine cancer: modified radical hysterectomy in intermediate/high-risk endometrial cancer using peritoneal mesometrial resection (PMMR) by M Hockel translated to robotic surgery. World Journal of Surgical Oncology. 2013;11;198	3
8910	A. M. R. Gonzalez, J. R.Donkor, C.Romero, R. J.Kosanovic, R.Verdeja, J. C., Single-incision cholecystectomy: a comparative study of standard laparoscopic, robotic, and SPIDER platforms. Surgical Endoscopy. 2013;27;4524-31	12
8911	N. D. Patel, E.Turi, G.Stapleton, T., Custodiol HTK cardioplegia use in robotic mitral valve. Journal of Extra-Corporeal Technology. 2013;45;139-42	8
8912	R. M. S. Neme, V.Okazaki, S.Maccapani, G.Chen, W. J.Domit, C. D.Kaufmann, O. G.Advincula, A. P., Deep infiltrating colorectal endometriosis treated with robotic-assisted rectosigmoidectomy. Journal of the Society of Laparoendoscopic Surgeons. 2013;17;227-34	3
8913	A. I. S. Tergas, S. B.Green, I. C.Giuntoli, R. L., 2ndWinder, A. D.Fader, A. N., A pilot study of surgical training using a virtual robotic surgery simulator. Journal of the Society of Laparoendoscopic Surgeons. 2013;17;219-26	3
8914	B. C. Lallemant, G.Garrel, R.Kacha, S.Rupp, D.Galy-Bernadoy, C.Chapuis, H.Lallemant, J. G.Pham, H. T., Transoral robotic surgery for the treatment of T1-T2 carcinoma of the larynx: preliminary study. Laryngoscope. 2013;123;2485-90	3
8915	P. P. K. Dangle, J.Anderson, B.Gundeti, M. S., Outcomes of infants undergoing robot-assisted laparoscopic pyeloplasty compared to open repair. Journal of Urology. 2013;190;117396	13
8916	R. J. K. Romero, R.Rabaza, J. R.Seetharamaiah, R.Donkor, C.Gallas, M.Gonzalez, A. M., Robotic sleeve gastrectomy: experience of 134 cases and comparison with a systematic review of the laparoscopic approach. Obesity Surgery. 2013;23;1743-52	12
8917	S. D. J. Pickett, R. L.Mahajan, S. T., Teaching robotic surgery skills: comparing the methods of generalists and subspecialists. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2013;9;472-6	4
8918	R. F. Vilallonga, J. M.Caubet, E.Gonzalez, O.Armengol, M., Robotic sleeve gastrectomy versus laparoscopic sleeve gastrectomy: a comparative study with 200 patients. Obesity Surgery. 2013;23;1501-7	12
8919	S. P. Mantoo, J.Regenet, N.Rigaud, J.Lehur, P. A.Meurette, G., Is robotic-assisted ventral mesh rectopexy superior to laparoscopic ventral mesh rectopexy in the management of obstructed defaecation?. Colorectal Disease. 2013;15;e469-75	12

8920	J. J. Cohen, G.Mullins, J. K.Ball, M. W.Allaf, M. E., Do fibrin sealants impact negative outcomes after robot-assisted partial nephrectomy?. Journal of Endourology. 2013;27;1236-9	3
8921	J. P. Pugh, S.Willis, D.Stifelman, M.Hemal, A.Su, L. M., Perioperative outcomes of robot-assisted nephroureterectomy for upper urinary tract urothelial carcinoma: a multi-institutional series. BJU International. 2013;112;E295-300	3
8922	S. B. Pridgeon, C. V.Adshead, J., Lower limb compartment syndrome as a complication of robot-assisted radical prostatectomy: the UK experience. BJU International. 2013;112;485-8	3
8923	B. T. Ye, J. C.Li, W.Ge, X. X.Feng, J.Cheng, M.Zhao, H., Video-assisted thoracoscopic surgery versus robotic-assisted thoracoscopic surgery in the surgical treatment of Masaoka stage I thymoma. World Journal of Surgical Oncology. 2013;11;157	13
8924	S. H. Tobis, J.Thomer, M.Rashid, H.Wu, G., Robot-assisted transumbilical laparoendoscopic single-site pyeloplasty: technique and perioperative outcomes from a single institution. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2013;23;702-6	3
8925	M. A. Al-Naami, M. N.Aldohayan, A.Al-Khayal, K.Alkharji, H., Robotic general surgery experience: a gradual progress from simple to more complex procedures. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2013;9;486-91	3
8926	P. M. G. Porto de Melo, J. C.Montero, E. F.Atik, T.Robert, E. G.Facca, S.Liverneaux, P. A., Feasibility of an endoscopic approach to the axillary nerve and the nerve to the long head of the triceps brachii with the help of the Da Vinci Robot. Chirurgie de la Main. 2013;32;206-9	7
8927	H. K. D. Byeon, U.Kim, W. S.Park, Y. M.Hong, H. J.Koh, Y. W.Choi, E. C., Transoral robotic retropharyngeal lymph node dissection with or without lateral oropharyngectomy. Journal of Craniofacial Surgery. 2013;24;1156-61	3
8928	M. V. S. Do, T. A.Bazan, H. A.Sternbergh, W. C., 3rdAbbas, A. E.Richardson, W. S., Laparoscopic versus robot-assisted surgery for median arcuate ligament syndrome. Surgical Endoscopy. 2013;27;789078	12
8929	J. D. F. Boone, J. M.Barr, E. S.Estes, J. M.Bevis, K. S., Incidence of port site hernias and/or dehiscence in robotic-assisted procedures in gynecologic oncology patients. Gynecologic Oncology. 2013;131;123-6	3
8930	G. S. Grover, G. P.Mihai, R., Morbidity after thyroid surgery: patient perspective. Laryngoscope. 2013;123;2319-23	3
8931	Y. W. Wang, G.Gao, C. Q., Ultrasound-guided cannulation of the internal jugular vein in robotic cardiac surgery. Chinese Medical Journal. 2013;126;187918	3
8932	R. A. Fernandez, D. A.Li, L. T.Orcutt, S. T.Balentine, C. J.Awad, S. A.Berger, D. H.Albo, D. A.Artinyan, A., Laparoscopic versus robotic rectal resection for rectal cancer in a veteran population. American Journal of Surgery. 2013;206;509-17	12
8933	J. H. L. Chin, E. H.Hwang, G. S.Choi, W. J., Prediction of fluid responsiveness using dynamic preload indices in patients undergoing robot-assisted surgery with pneumoperitoneum in the Trendelenburg position. Anaesthesia & Intensive Care. 2013;41;515-22	3
8934	S. L. Reaungamornrat, W. P.Wang, A. S.Otake, Y.Nithiananthan, S.Uneri, A.Schafer, S.Tryggestad, E.Richmon, J.Sorger, J. M.Siewerdsen, J. H.Taylor, R. H., Deformable image registration for cone-beam CT guided transoral robotic base-of-tongue surgery. Physics in Medicine & Biology. 2013;58;4951-79	7

8935	M. M. Leitao, Jr.Malhotra, V.Briscoe, G.Suidan, R.Dholakiya, P.Santos, K.Jewell, E. L.Brown, C. L.Sonoda, Y.Abu-Rustum, N. R.Barakat, R. R.Gardner, G. J., Postoperative pain medication requirements in patients undergoing computer-assisted ("Robotic") and standard laparoscopic procedures for newly diagnosed endometrial cancer. Annals of Surgical Oncology. 2013;20;606851	13
8936	B. L. P. Robinson, B. A.Sandbulte, J. T.Geller, E. J.Connolly, A.Matthews, C. A., Robotic versus vaginal urogynecologic surgery: a retrospective cohort study of perioperative complications in elderly women. Female Pelvic Medicine & Reconstructive Surgery. 2013;19;230-7	12
8937	S. C. Saceanu, V.Surlin, V.Angelescu, C. M.Patrascu, S.Georgescu, I.Genazzani, A., Hysterectomy for benign uterine pathology: comparison between robotic assisted laparoscopy, classic laparoscopy and laparotomy. Chirurgia (Bucuresti). 2013;108;346-50	13
8938	V. Y. Srougi, M.Sanchez, D. C.Onal, B.Houck, C. S.Nguyen, H. T., The feasibility of robotic urologic surgery in infants and toddlers. Journal of pediatric urology. 2013;9;1198-203	3
8939	A. I. S. Tasci, A.Tugcu, V.Bitkin, A.Sonmezay, E.Torer, B. D., Abdominal wall haemorrhage after robotic-assisted radical prostatectomy: is it a complication of robotic surgery?. Actas Urologicas Espanolas. 2013;37;634-9	3
8940	F. B. Augustin, J.Maier, H.Schwinghammer, C.Pichler, B.Lucciarini, P.Pratschke, J.Schmid, T., Robotic-assisted minimally invasive vs. thoracoscopic lung lobectomy: comparison of perioperative results in a learning curve setting. Langenbecks Archives of Surgery. 2013;398;895-901	13
8941	Z. L. Wang, Q.Chen, J.Duan, W.Zhou, N., Da Vinci robot-assisted anatomic left hemihepatectomy and biliary reconstruction. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2013;23;e89	3
8942	I. A. Erguner, E.Boler, D. E.Atalar, B.Baca, B.Karahasanoglu, T.Hamzaoglu, I.Uras, C., What have we gained by performing robotic rectal resection? Evaluation of 64 consecutive patients who underwent laparoscopic or robotic low anterior resection for rectal adenocarcinoma. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2013;23;316-9	12
8943	G. K. Giannopoulos, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y., Robotic thyroidectomy for benign thyroid diseases: a stepwise strategy to the adoption of robotic thyroidectomy (gasless, transaxillary approach). Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2013;23;312-5	3
8944	R. F. Craven, J.Mosaly, P.Gehrig, P. A., Ergonomic deficits in robotic gynecologic oncology surgery: a need for intervention. Journal of Minimally Invasive Gynecology. 2013;20;648-55	4
8945	J. M. R. Gobern, C. J.Barter, J. F.Steren, A. J., Comparison of robotic, laparoscopic, and abdominal myomectomy in a community hospital. Journal of the Society of Laparoendoscopic Surgeons. 2013;17;116-20	13
8946	M. A. R. Bedaiwy, M. Y.Chapman, M.Frasure, H.Mahajan, S.von Gruenigen, V. E.Hurd, W.Zanotti, K., Robotic-assisted hysterectomy for the management of severe endometriosis: a retrospective review of short-term surgical outcomes. Journal of the Society of Laparoendoscopic Surgeons. 2013;17;34943	3
8947	E. N. Kandil, S. I.Saggi, B.Buell, J. F., Robotic liver resection: initial experience with three-arm robotic and single-port robotic technique. Journal of the Society of Laparoendoscopic Surgeons. 2013;17;56-62	3
8948	E. I. R. Benizri, M.Reibel, N.Germain, A.Ziegler, O.Zarnegar, R.Ayav, A.Bresler, L.Brunaud, L., Perioperative outcomes after totally robotic gastric bypass: a prospective nonrandomized controlled study. American Journal of Surgery. 2013;206;145-51	12

8949	M. P. Perez, C.Tran, N.Hossu, G.Felblinger, J.Hubert, J., Prior experience in micro-surgery may improve the surgeon's performance in robotic surgical training. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2013;9;351-8	3
8950	J. H. B. Kim, N. H.Li, G.Choi, S. H.Jeong, I. H.Hwang, J. C.Kim, J. H.Yoo, B. M.Kim, W. H., Robotic cholecystectomy with new port sites. World Journal of Gastroenterology. 2013;19;3077-82	3
8951	M. B. Salman, T.Martin, J.Bhuva, K.Grim, R.Ahuja, V., Use, cost, complications, and mortality of robotic versus nonrobotic general surgery procedures based on a nationwide database. American Surgeon. 2013;79;553-60	12
8952	B. J. Park, B. C.Jeon, S. S.Lee, H. M.Choi, H. Y.Seo, S. I., Pure laparoscopic radical cystectomy with ileal conduit: a single surgeon's mid-term outcomes. Yonsei Medical Journal. 2013;54;912-20	3
8953	S. J. A.-A. Baek, S.Jeong, D. H.Hur, H.Min, B. S.Baik, S. H.Kim, N. K., Robotic versus laparoscopic coloanal anastomosis with or without intersphincteric resection for rectal cancer. Surgical Endoscopy. 2013;27;4157-63	12
8954	D. L. Zhang, Z.Chen, K.Xiong, J.Zhang, X.Wang, L., An optical tracker based robot registration and servoing method for ultrasound guided percutaneous renal access. Biomedical Engineering Online. 2013;12;47	3
8955	D. D. S. Axente, H.Silaghi, C. A.Major, Z. Z.Micu, C. M.Constantea, N. A., Operative outcomes of robot-assisted transaxillary thyroid surgery for benign thyroid disease: early experience in 50 patients. Langenbecks Archives of Surgery. 2013;398;887-94	3
8956	S. C. Abunnaja, A.Albini, M. S.Mirmehdi, I.Shah, J.Sanchez, J. A., Robotic surgery in gynecology: program initiation and early outcomes at a community hospital. Connecticut Medicine. 2013;77;223-5	3
8957	J. M. D. Hernandez, F.Weber, J.Almhanna, K.Hoffe, S.Shridhar, R.Karl, R.Meredith, K., Defining the learning curve for robotic-assisted esophagogastrectomy. Journal of Gastrointestinal Surgery. 2013;17;1346-51	3
8958	H. N. F. White, J.Zimmerman, T.Carroll, W. R.Magnuson, J. S., Learning curve for transoral robotic surgery: a 4-year analysis. JAMA Otolaryngology-- Head & Neck Surgery. 2013;139;564-7	3
8959	W. C. Yao, P. R., Application of design rationale for a robotic system for single-incision laparoscopic surgery and natural orifice transluminal endoscopic surgery. Proceedings of the Institution of Mechanical Engineers. Part H - Journal of Engineering in Medicine. 2013;227;821-30	8
8960	O. R. Mohareri, M.Adebar, T. K.Abolmaesumi, P.Salcudean, S. E., Automatic localization of the da Vinci surgical instrument tips in 3-D transrectal ultrasound. IEEE Transactions on Biomedical Engineering. 2013;60;2663-72	3
8961	D. K. Linos, A.Petralias, A., Patient attitudes toward transaxillary robot-assisted thyroidectomy. World Journal of Surgery. 2013;37;1959-65	3
8962	N. D. Smorgick, V. K.Patzkowsky, K. E.Hoffman, M. R.Advincula, A. P.As-Sanie, S., Comparison of 2 minimally invasive routes for hysterectomy of large uteri. International Journal of Gynaecology & Obstetrics. 2013;122;128-31	13
8963	A. C. F. Nichols, K.Chapeskie, C.Dowthwaite, S. A.Basmaji, J.Dhaliwal, S.Szeto, C. C.Palma, D. A.Theurer, J. A.Corsten, M. A.Odell, M.Barrett, J. W.Franklin, J. H.Yoo, J., Development of a transoral robotic surgery program in Canada. Journal of Otolaryngology: Head and Neck Surgery. 2013;42;8	8
8964	C. K. Tsui, R.Garabrant, M., Minimally invasive surgery: national trends in adoption and future directions for hospital strategy. Surgical Endoscopy. 2013;27;129114	8

8965	G. A. R. Vilos, C., Electrosurgical generators and monopolar and bipolar electrosurgery. Journal of Minimally Invasive Gynecology. 2013;20;279-87	2
8966	A. A. C. Gumbs, R.Rodriguez, A.Zuker, N.Perrakis, A.Gayet, B., 200 consecutive laparoscopic pancreatic resections performed with a robotically controlled laparoscope holder. Surgical Endoscopy. 2013;27;3781-91	3
8967	P. K. L. O'Shaughnessy, T. A.Pinnock, C.Moul, J. W.Esterman, A., Differences in self-reported outcomes of open prostatectomy patients and robotic prostatectomy patients in an international web-based survey. European Journal of Oncology Nursing. 2013;17;775-80	12
8968	P. N. R. Dogra, S. K.Singh, P.Saini, A. K.Nayak, B., Lower ureteral stones revisited: expanding the horizons of robotics. Urology. 2013;82;34943	3
8969	J. Y. L. You, H. Y.Son, G. S.Lee, J. B.Bae, J. W.Kim, H. Y., Comparison of robotic adrenalectomy with traditional laparoscopic adrenalectomy with a lateral transperitoneal approach: a single-surgeon experience. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2013;9;345-50	13
8970	U. S. Boggi, S.De Lio, N.Perrone, V. G.Vistoli, F.Belluomini, M.Cappelli, C.Amorese, G.Mosca, F., Feasibility of robotic pancreaticoduodenectomy. British Journal of Surgery. 2013;100;917-25	3
8971	S. K. Marnitz, C.Budach, V.Neumann, O.Kluge, A.Wlodarczyk, W.Jahn, U.Gebauer, B.Kufeld, M., Brachytherapy-emulating robotic radiosurgery in patients with cervical carcinoma. Radiation Oncology. 2013;8;109	3
8972	L. E. A. Hachem, U. C., Jr.Nezhat, F. R., Postoperative pain and recovery after conventional laparoscopy compared with robotically assisted laparoscopy. Obstetrics & Gynecology. 2013;121;547-553	13
8973	G. Q. Liu, Y.Ma, L.Ni, L.Zeng, S.Li, Q., Totally thoracoscopic surgery for the treatment of atrial septal defect without of the robotic Da Vinci surgical system. Journal Of Cardiothoracic Surgery. 2013;8;119	2
8974	G. C.-P. Ceccarelli, M.Patriti, A.Ceribelli, C.Biancafarina, A.Casciola, L., Robotic-assisted transperitoneal nephron-sparing surgery for small renal masses with associated surgical procedures: surgical technique and preliminary experience. Updates in Surgery. 2013;65;183-90	3
8975	O. E. Stanciulea, M.David, L.Tomulescu, V.Vasilescu, C.Popescu, I., Robotic surgery for rectal cancer: a single center experience of 100 consecutive cases. Chirurgia (Bucuresti). 2013;108;143-51	3
8976	C. P. Lonnerfors, J., Implementation and applications of robotic surgery within gynecologic oncology and gynecology; analysis of the first thousand cases. Ceska Gynekologie. 2013;78;44904	3
8977	P. P. Reynisson, J., Hospital costs for robot-assisted laparoscopic radical hysterectomy and pelvic lymphadenectomy. Gynecologic Oncology. 2013;130;34943	13
8978	K. K. Ahmed, N.Khan, M. S.Dasgupta, P., Development and content validation of a surgical safety checklist for operating theatres that use robotic technology. BJU International. 2013;111;1161-74	3
8979	M. G. Fastrez, F.Vergote, I.Vandromme, J.Petit, P.Leunen, K.Degueldre, M., Multi-center experience of robot-assisted laparoscopic para-aortic lymphadenectomy for staging of locally advanced cervical carcinoma. Acta Obstetricia et Gynecologica Scandinavica. 2013;92;895-901	3
8980	S. A. W. Asher, H. N.Kejner, A. E.Rosenthal, E. L.Carroll, W. R.Magnuson, J. S., Hemorrhage after transoral robotic-assisted surgery. Otolaryngology - Head & Neck Surgery. 2013;149;112-7	3

8981	T. S. B. Lendvay, T. C.White, L.Kowalewski, T.Jonnadula, S.Mercer, L. D.Khorsand, D.Andros, J.Hannaford, B.Satava, R. M., Virtual reality robotic surgery warm-up improves task performance in a dry laboratory environment: a prospective randomized controlled study. Journal of the American College of Surgeons. 2013;216;1181-92	1
8982	A. C. Fagotti, G.Fanfani, F.Mancini, M.Paglia, A.Vizzielli, G.Sindico, S.Scambia, G.Vizza, E., Robotic single-site hysterectomy (RSS-H) vs. laparoendoscopic single-site hysterectomy (LESS-H) in early endometrial cancer: a double-institution case-control study. Gynecologic Oncology. 2013;130;219-23	13
8983	S. M. C. Saceanu, V.Pluchino, N.Angelescu, C.Surlin, V.Genazzani, A., Robotic-assisted laparoscopic surgery in uterine pathology. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2013;169;340-2	4
8984	P. T. T. Dziegielewski, T. N.Durmus, K.Old, M.Agrawal, A.Kakarala, K.Marcinow, A.Ozer, E., Transoral robotic surgery for oropharyngeal cancer: long-term quality of life and functional outcomes. JAMA Otolaryngology-- Head & Neck Surgery. 2013;139;1099-108	3
8985	S. J. Vallabhajosula, T. N.Mukherjee, M.Suh, I. H.Oleynikov, D.Siu, K. C., Skills learning in robot-assisted surgery is benefited by task-specific augmented feedback. Surgical Innovation. 2013;20;639-47	3
8986	J. N. Midday, C. A.Oleynikov, D., Improvements in robotic natural orifice surgery with a novel material handling system. Surgical Endoscopy. 2013;27;575075	3
8987	E. G.-M. Bauzano, I.del Saz-Orozco, P.Fraile, J. C.Munoz, V. F., A minimally invasive surgery robotic assistant for HALS-SILS techniques. Computer Methods & Programs in Biomedicine. 2013;112;272-83	3
8988	A. Y. Masson-Lecomte, D. R.Bensalah, K.Vaessen, C.de la Taille, A.Roumiguie, M.Doumerc, N.Bruyere, F.Soustelle, L.Droupy, S.Roupret, M., Robot-assisted laparoscopic nephron sparing surgery for tumors over 4 cm: operative results and preliminary oncologic outcomes from a multicentre French study. European Journal of Surgical Oncology. 2013;39;799-803	3
8989	S. G. G. Wardle, B. J., Color constrains depth in da Vinci stereopsis for camouflage but not occlusion. Journal of Experimental Psychology: Human Perception & Performance. 2013;39;1525-40	2
8990	W. J. K. Halabi, C. Y.Jafari, M. D.Nguyen, V. Q.Carmichael, J. C.Mills, S.Stamos, M. J.Pigazzi, A., Robotic-assisted colorectal surgery in the United States: a nationwide analysis of trends and outcomes. World Journal of Surgery. 2013;37;2782-90	12
8991	E. C. Y. Lai, G. P.Tang, C. N., Robot-assisted laparoscopic liver resection for hepatocellular carcinoma: short-term outcome. American Journal of Surgery. 2013;205;697-702	3
8992	J. H. K. Shim, J. G.Jeon, H. M.Park, C. H.Song, K. Y., The robotic third arm as a competent analog of an assisting surgeon in radical gastrectomy: impact on short-term clinical outcomes. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2013;23;447-51	3
8993	B. Yuh, The bedside assistant in robotic surgery--keys to success. Urologic Nursing. 2013;33;29-32	3
8994	H. S. R. Lin, J. A.Badr, M. S.Folbe, A. J.Yoo, G. H.Victor, L.Mathog, R. H.Chen, W., Transoral robotic surgery for treatment of obstructive sleep apnea-hypopnea syndrome. Laryngoscope. 2013;123;1811-6	3
8995	A. S. Gocmen, F.Ucar, M. G., Robot-assisted tubal reanastomosis: initial experience in a single institution. Taiwanese Journal of Obstetrics & Gynecology. 2013;52;77-80	3

8996	E. J. M. Geller, C. A., Impact of robotic operative efficiency on profitability. American Journal of Obstetrics & Gynecology. 2013;209;20.e1-5	4
8997	Y. M. K. Park, W. S.Byeon, H. K.De Virgilio, A.Lee, S. Y.Kim, S. H., Clinical outcomes of transoral robotic surgery for head and neck tumors. Annals of Otology, Rhinology & Laryngology. 2013;122;73-84	3
8998	S. L. Sutton, T.Makic, M. B., A quality improvement project for safe and effective patient positioning during robot-assisted surgery. AORN Journal. 2013;97;448-56	3
8999	S. H. Tobis, J.Mastrodonato, K.Rashid, H.Wu, G., Robotic repair of post-cystectomy ureteroileal anastomotic strictures: techniques for success. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2013;23;526-9	3
9000	S. C. D. Bonawitz, U., Robotic-assisted FAMM flap for soft palate reconstruction. Laryngoscope. 2013;123;870-4	3
9001	M. V. Zawadzki, V. R.Albalawi, S. A.Park, J. J.Marecik, S.Prasad, L. M., Is hybrid robotic laparoscopic assistance the ideal approach for restorative rectal cancer dissection?. Colorectal Disease. 2013;15;1026-32	3
9002	J. G. Angell, M. S.Baig, M. M.Abaza, R., Contribution of laparoscopic training to robotic proficiency. Journal of Endourology. 2013;27;1027-31	1
9003	R. I. P. Troisi, A.Montalti, R.Casciola, L., Robot assistance in liver surgery: a real advantage over a fully laparoscopic approach? Results of a comparative bi-institutional analysis. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2013;9;160-6	12
9004	K. H. L. Kim, S. K.Shin, T. Y.Chung, B. H.Hong, S. J.Rha, K. H., Biochemical outcomes after robot-assisted radical prostatectomy in patients with follow-up more than 5-years. Asian Journal of Andrology. 2013;15;404-8	3
9005	R. A. Abaza, J., Robotic partial nephrectomy for renal cell carcinomas with venous tumor thrombus. Urology. 2013;81;1362-7	3
9006	B. F. S. Kaczmarek, S.Kumar, R. K.Desa, N.Jost, K.Diaz, M.Menon, M.Rogers, C. G., Comparison of robotic and laparoscopic ultrasound probes for robotic partial nephrectomy. Journal of Endourology. 2013;27;1137-40	3
9007	E. M. R. Hanna, N.Rupp, C.Sindram, D.Iannitti, D. A.Martinie, J. B., Robotic hepatobiliary and pancreatic surgery: lessons learned and predictors for conversion. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2013;9;152-9	12
9008	K. K. H. Sng, M.Shin, J. W.Yoo, B. E.Yang, K. S.Kim, S. H., The multiphasic learning curve for robot-assisted rectal surgery. Surgical Endoscopy. 2013;27;3297-307	3
9009	Y. M. K. Park, W. S.Byeon, H. K.Lee, S. Y.Kim, S. H., A novel technique for the resection of the symptomatic lingual thyroid: transoral robotic surgery. Thyroid. 2013;23;466-71	3
9010	G. M. Weisz, D. C.Caputo, R. P.Delgado, J. A.Marshall, J. J.Vetrovec, G. W.Reisman, M.Waksman, R.Granada, J. F.Novack, V.Moses, J. W.Carrozza, J. P., Safety and feasibility of robotic percutaneous coronary intervention: PRECISE (Percutaneous Robotically-Enhanced Coronary Intervention) Study. Journal of the American College of Cardiology. 2013;61;1596-600	3
9011	J. H. K. Park, S. Y.Lee, C. R.Park, S.Jeong, J. S.Kang, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y.Park, C. S., Robot-assisted posterior retroperitoneoscopic adrenalectomy using single-port access: technical feasibility and preliminary results. Annals of Surgical Oncology. 2013;20;307291	3
9012	M. N. Froehner, V.Koch, R.Leike, S.Twelker, L.Wirth, M. P., Perioperative complications after radical prostatectomy: open versus robot-assisted laparoscopic approach. Urologia Internationalis. 2013;90;312-5	12

9013	J. A. F. Tyler, J. P.Desai, M. M.Perry, W. B.Glasgow, S. C., Outcomes and costs associated with robotic colectomy in the minimally invasive era. Diseases of the Colon & Rectum. 2013;56;458-66	12
9014	E. C. Vizza, G.Mancini, E.Baiocco, E.Patrizi, L.Fabrizi, L.Colantonio, L.Cimino, M.Sindico, S.Forastiere, E., Robotic single-site hysterectomy in low risk endometrial cancer: a pilot study. Annals of Surgical Oncology. 2013;20;2759-64	3
9015	S. M. Punnen, M. V.Cooperberg, M. R.Greene, K. L.Cowan, J. E.Carroll, P. R., How does robot-assisted radical prostatectomy (RARP) compare with open surgery in men with high-risk prostate cancer?. BJU International. 2013;112;E314-20	12
9016	Y. M. B. Park, H. K.Chung, H. P.Choi, E. C.Kim, S. H., Comparison study of transoral robotic surgery and radical open surgery for hypopharyngeal cancer. Acta Oto-Laryngologica. 2013;133;641-8	13
9017	D. V. Eisenberg, T. J.Lau, J.Guiroy, B.Rivas, H., Comparison of robotic and laparoendoscopic single-site surgery systems in a suturing and knot tying task. Surgical Endoscopy. 2013;27;468394	7
9018	Y. M. B. Park, H. K.Chung, H. P.Choi, E. C.Kim, S. H., Comparison of treatment outcomes after transoral robotic surgery and supraglottic partial laryngectomy: our experience with seventeen and seventeen patients respectively. Clinical Otolaryngology. 2013;38;270-4	8
9019	J. D. A. Wright, C. V.Lewin, S. N.Burke, W. M.Lu, Y. S.Neugut, A. I.Herzog, T. J.Hershman, D. L., Robotically assisted vs laparoscopic hysterectomy among women with benign gynecologic disease. JAMA. 2013;309;689-98	13
9020	N. K. Ishikawa, M.Inaki, N.Moriyama, H.Shimada, M.Watanabe, G., Robot-assisted thoracoscopic hybrid esophagectomy in the semi-prone position under pneumothorax. Artificial Organs. 2013;37;576-80	8
9021	K. A. K. Butler, V. E.Smith, B. E.Sanjak, M.Verheijde, J. L.Chang, Y. H.Magtibay, P. M.Magrina, J. F., Surgeon fatigue and postural stability: is robotic better than laparoscopic surgery?. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2013;23;343-6	1
9022	B. E. R. Yuh, N. H.Mejia, R.Novara, G.Wilson, T. G., Standardized comparison of robot-assisted limited and extended pelvic lymphadenectomy for prostate cancer. BJU International. 2013;112;29799	3
9023	Y. M. D. V. Park, A.Kim, W. S.Chung, H. P.Kim, S. H., Parapharyngeal space surgery via a transoral approach using a robotic surgical system: transoral robotic surgery. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2013;23;231-6	3
9024	S. R. M. Myers, J.Wang, J., Robot-assisted versus laparoscopic gastric bypass: comparison of short-term outcomes. Obesity Surgery. 2013;23;467-73	12
9025	G. S. Marulli, M.Perissinotto, E.Bugana, A.Di Chiara, F.Rebusso, A.Rea, F., Surgical and neurologic outcomes after robotic thymectomy in 100 consecutive patients with myasthenia gravis. Journal of Thoracic & Cardiovascular Surgery. 2013;145;730-5; discussion 735-6	3
9026	S. T. Aliyev, H. E.Agcaoglu, O.Aksoy, E.Milas, M.Siperstein, A.Berber, E., Robotic transaxillary total thyroidectomy through a single axillary incision. Surgery. 2013;153;705-10	12
9027	A. P. D'Annibale, G.Monsellato, I.Pende, V.Lucandri, G.Mazzocchi, P.Alfano, G., Total mesorectal excision: a comparison of oncological and functional outcomes between robotic and laparoscopic surgery for rectal cancer. Surgical Endoscopy. 2013;27;1887-95	12

9028	Y. M. K. Park, W. S.Byeon, H. K.Lee, S. Y.Kim, S. H., Surgical techniques and treatment outcomes of transoral robotic supraglottic partial laryngectomy. Laryngoscope. 2013;123;670-7	3
9029	J. A. B. Barbosa, G.Gridley, C. M.Sanchez, D. C.Passerotti, C. C.Houck, C. S.Nguyen, H. T., Parent and patient perceptions of robotic vs open urological surgery scars in children. Journal of Urology. 2013;190;244-50	5
9030	N. M. Awad, S.Amit, A.Deutsch, M.Eldor-Itskovitz, J.Lowenstein, L., Implementation of a new procedure: laparoscopic versus robotic sacrocolpopexy. Archives of Gynecology & Obstetrics. 2013;287;1181-6	13
9031	M. K. Froehner, R.Leike, S.Novotny, V.Twelker, L.Wirth, M. P., Urinary tract-related quality of life after radical prostatectomy: open retropubic versus robot-assisted laparoscopic approach. Urologia Internationalis. 2013;90;36-40	12
9032	Y. I. T. More, T. T.Girod, D. A.Harbison, J.Sykes, K. J.Williams, C.Shnayder, Y., Functional swallowing outcomes following transoral robotic surgery vs primary chemoradiotherapy in patients with advanced-stage oropharynx and supraglottis cancers. JAMA Otolaryngology-- Head & Neck Surgery. 2013;139;15919	12
9033	D. R. M. Lim, B. S.Kim, M. S.Alasari, S.Kim, G.Hur, H.Baik, S. H.Lee, K. Y.Kim, N. K., Robotic versus laparoscopic anterior resection of sigmoid colon cancer: comparative study of long-term oncologic outcomes. Surgical Endoscopy. 2013;27;1379-85	12
9034	N. C. P. Buchs, F.Chassot, G.Volonte, F.Koutny-Fong, P.Hagen, M. E.Morel, P., Robot-assisted Roux-en-Y gastric bypass for super obese patients: a comparative study. Obesity Surgery. 2013;23;353-7	3
9035	B. L. Z. Jacobs, Y.Skolarus, T. A.Wei, J. T.Montie, J. E.Schroeck, F. R.Hollenbeck, B. K., Certificate of need legislation and the dissemination of robotic surgery for prostate cancer. Journal of Urology. 2013;189;29342	3
9036	G. C. Nakib, V.Scorletti, F.Romano, P.Goruppi, I.Mencherini, S.Avolio, L.Pelizzo, G., Robotic assisted surgery in pediatric gynecology: promising innovation in mini invasive surgical procedures. Journal of Pediatric & Adolescent Gynecology. 2013;26;e5-7	3
9037	V. J. Mehta, P.Tassler, A.Kim, S.Ferris, R. L.Nance, M.Johnson, J. T.Duvvuri, U., A new paradigm for the diagnosis and management of unknown primary tumors of the head and neck: a role for transoral robotic surgery. Laryngoscope. 2013;123;146-51	3
9038	L. A. B. Brudie, F. J.Ahmad, S.Zhu, X.Finkler, N. J.Bigsby, G. E. thCohn, D. E.O'Malley, D.Fowler, J. M.Holloway, R. W., Analysis of disease recurrence and survival for women with uterine malignancies undergoing robotic surgery. Gynecologic Oncology. 2013;128;309-15	3
9039	E. J. L. Geller, F. C.Matthews, C. A., Analysis of robotic performance times to improve operative efficiency. Journal of Minimally Invasive Gynecology. 2013;20;15919	3
9040	M. H. D. Sodergren, A., Robotic cancer surgery. British Journal of Surgery. 2013;100;44624	8
9041	X. L. Yu, D.Kiet, T. K.Fuh, K. C.Orr, J., Jr.Brooks, R. A.Ueda, S. M.Chen, L. M.Kapp, D. S.Chan, J. K., Utilization of and charges for robotic versus laparoscopic versus open surgery for endometrial cancer. Journal of Surgical Oncology. 2013;107;653-8	13
9042	D. S. Vitobello, G.Pirovano, C.Ieda, N., Surgical outcomes of robotic radical hysterectomy after neoadjuvant chemotherapy for locally advanced cervical cancer: comparison with early stage disease. European Journal of Surgical Oncology. 2013;39;87-93	3

9043	H. D. M. Patel, J. K.Pierorazio, P. M.Jayram, G.Cohen, J. E.Matlaga, B. R.Allaf, M. E., Trends in renal surgery: robotic technology is associated with increased use of partial nephrectomy. Journal of Urology. 2013;189;1229-35	3
9044	J. D. K. Sammon, P. I.Sun, M.Sukumar, S.Ravi, P.Ghani, K. R.Bianchi, M.Peabody, J. O.Shariat, S. F.Perrotte, P.Hu, J. C.Menon, M.Trinh, Q. D., Robot-assisted versus open radical prostatectomy: the differential effect of regionalization, procedure volume and operative approach. Journal of Urology. 2013;189;1289-94	12
9045	A. P. De Virgilio, Y. M.Kim, W. S.Baek, S. J.Kim, S. H., How to optimize laryngeal and hypopharyngeal exposure in transoral robotic surgery. Auris, Nasus, Larynx. 2013;40;312-9	3
9046	M. F. B. Monn, C. D.Schneider, E. B.Sundaram, C. P., Emerging trends in robotic pyeloplasty for the management of ureteropelvic junction obstruction in adults. Journal of Urology. 2013;189;1352-7	4
9047	Y. M. K. Park, W. S.Byeon, H. K.Lee, S. Y.Kim, S. H., Oncological and functional outcomes of transoral robotic surgery for oropharyngeal cancer. British Journal of Oral & Maxillofacial Surgery. 2013;51;408-12	3
9048	J. Y. Kang, K. J.Min, B. S.Hur, H.Baik, S. H.Kim, N. K.Lee, K. Y., The impact of robotic surgery for mid and low rectal cancer: a case-matched analysis of a 3-arm comparison--open, laparoscopic, and robotic surgery. Annals of Surgery. 2013;257;95-101	12
9049	P. T. L. Soliman, G.Munsell, M. F.Vaniya, H. A.Frumovitz, M.Ramirez, P. T., Analgesic and antiemetic requirements after minimally invasive surgery for early cervical cancer: a comparison between laparoscopy and robotic surgery. Annals of Surgical Oncology. 2013;20;1355-9	13
9050	D. P. F. Casella, J. A.Schneck, F. X.Cannon, G. M.Ost, M. C., Cost analysis of pediatric robot-assisted and laparoscopic pyeloplasty. Journal of Urology. 2013;189;1083-6	13
9051	H. J. C. Kim, G. S.Park, J. S.Park, S. Y., Comparison of intracorporeal single-stapled and double-stapled anastomosis in laparoscopic low anterior resection for rectal cancer: a case-control study. International Journal of Colorectal Disease. 2013;28;149-56	2
9052	A. H. R. Mendelsohn, M.Van Der Vorst, S.Bachy, V.Lawson, G., Outcomes following transoral robotic surgery: supraglottic laryngectomy. Laryngoscope. 2013;123;208-14	3
9053	W. K. Isac, J.Altunrende, F.Rizkala, E.Autorino, R.Hillyer, S. P.Laydner, H.Long, J. A.Kassab, A.Khalifeh, A.Panumatrassamee, K.Eyraud, R.Falcone, T.Haber, G. P.Stein, R. J., Robot-assisted ureteroneocystostomy: technique and comparative outcomes. Journal of Endourology. 2013;27;318-23	13
9054	E. S. M. Hyams, J. K.Pierorazio, P. M.Partin, A. W.Allaf, M. E.Matlaga, B. R., Impact of robotic technique and surgical volume on the cost of radical prostatectomy. Journal of Endourology. 2013;27;298-303	3
9055	S. P. S. Kim, N. D.Karnes, R. J.Weight, C. J.Shippee, N. D.Han, L. C.Boorjian, S. A.Smaldone, M. C.Frank, I.Gettman, M. T.Tollefson, M. K.Thompson, R. H., Hospitalization costs for radical prostatectomy attributable to robotic surgery. European Urology. 2013;64;44871	12
9056	K. M.-F. Pineda-Solis, H.Heslin, M. J., Robotic versus laparoscopic adrenalectomy: a comparative study in a high-volume center. Surgical Endoscopy. 2013;27;599-602	13
9057	A. S. Gocmen, F.Ucar, M. G., Comparison of robotic-assisted laparoscopic myomectomy outcomes with laparoscopic myomectomy. Archives of Gynecology & Obstetrics. 2013;287;33390	13

9058	F. P. Khan, A.Lightcap, C.Boland, P. J.Healey, J. H., Haptic robot-assisted surgery improves accuracy of wide resection of bone tumors: a pilot study. Clinical Orthopaedics & Related Research. 2013;471;851-9	8
9059	E. A. Ozer, B.Kakarala, K.Durmus, K.Teknos, T. N.Carrau, R. L., Clinical outcomes of transoral robotic supraglottic laryngectomy. Head & Neck. 2013;35;1158-61	3
9060	S. E. L. Elsamra, A. R.Lasser, M. S.Thavaseelan, S.Golijanin, D.Haleblian, G. E.Pareek, G., Hand-assisted laparoscopic versus robot-assisted laparoscopic partial nephrectomy: comparison of short-term outcomes and cost. Journal of Endourology. 2013;27;182-8	13
9061	T. M. Gehrig, A.Fischer, L.Kenngott, H.Hinz, U.Gutt, C. N.Muller-Stich, B. P., Robotic-assisted paraesophageal hernia repair--a case-control study. Langenbecks Archives of Surgery. 2013;398;691-6	12
9062	A. T. Germain, F.Galifet, M.Scherrer, M. L.Ayav, A.Hubert, J.Brunaud, L.Bresler, L., Long-term outcomes after totally robotic sacrocolpopexy for treatment of pelvic organ prolapse. Surgical Endoscopy. 2013;27;525-9	3
9063	N. A. D. Alkhamesi, W. T.Pinto, R. F.Schlachta, C. M., Robot-assisted common bile duct exploration as an option for complex choledocholithiasis. Surgical Endoscopy. 2013;27;263-6	12
9064	S. Y. C. Park, G. S.Park, J. S.Kim, H. J.Ryuk, J. P., Short-term clinical outcome of robot-assisted intersphincteric resection for low rectal cancer: a retrospective comparison with conventional laparoscopy. Surgical Endoscopy. 2013;27;48-55	12
9065	S. S. Renaud, N.Renaud, M.Fleury, M. C.De Seze, J.Tranchant, C.Massard, G., Robotic-assisted thymectomy with Da Vinci II versus sternotomy in the surgical treatment of non-thymomatous myasthenia gravis: early results. Revue Neurologique. 2013;169;44742	13
9066	E. K. S. Song, J. K.Yim, J. H.Netravali, N. A.Bargar, W. L., Robotic-assisted TKA reduces postoperative alignment outliers and improves gap balance compared to conventional TKA. Clinical Orthopaedics & Related Research. 2013;471;118-26	12
9067	I. S. Dallan, V.Faggioni, L.Castelnuovo, P.Montevecchi, F.Casani, A. P.Tschabitscher, M.Vicini, C., Anatomical landmarks for transoral robotic tongue base surgery: comparison between endoscopic, external and radiological perspectives. Surgical & Radiologic Anatomy. 2013;35;44630	8
9068	D. F. Vitobello, N.Santoro, G.Rosati, R.Baldazzi, G.Bulletti, C.Palmara, V., Robotic surgery and standard laparoscopy: a surgical hybrid technique for use in colorectal endometriosis. Journal of Obstetrics & Gynaecology Research. 2013;39;217-22	3
9069	H. C. Quon, M. A.Montone, K. T.Ziober, A. F.Wang, L. P.Weinstein, G. S.O'Malley, B. W., Jr., Transoral robotic surgery and adjuvant therapy for oropharyngeal carcinomas and the influence of p16 INK4a on treatment outcomes. Laryngoscope. 2013;123;635-40	3
9070	K. G. S. Nepple, S. A.Grubb, R. L., 3rdKibel, A. S., Early oncologic outcomes of robotic vs. open radical cystectomy for urothelial cancer. Urologic Oncology. 2013;31;894-8	13
9071	S. B. K. Williams, R.Alemozaffar, M.Francisco, I. S.Mechaber, J.Wagner, A. A., Robotic partial nephrectomy versus laparoscopic partial nephrectomy: a single laparoscopic trained surgeon's experience in the development of a robotic partial nephrectomy program. World Journal of Urology. 2013;31;793-8	13
9072	X. L. D. Li, D. F.Jiang, H., The learning curves of robotic and three-dimensional laparoscopic surgery in cervical cancer. Journal of Cancer. 2016;7;2304-2308	4
9073	J. R. Bonatti, J.Hasan, F.Edris, A.Bartel, T.Nair, R.Tuzcu, M.Suri, R.Mihaljevic, T., Long-term results after robotically assisted coronary bypass surgery. Annals of Cardiothoracic Surgery. 2016;5;556-562	8

9074	S. H. Park, Y.Lee, H. J.Park, I. K.Kim, Y. T.Kang, C. H., Comparison of robot-assisted esophagectomy and thoracoscopic esophagectomy in esophageal squamous cell carcinoma. Journal of Thoracic Disease. 2016;8;2853-2861	13
9075	A. H. Favre, S.Carbonnel, M.Goetgheluck, J.Revaux, A.Ayoubi, J. M., Pedagogic Approach in the Surgical Learning: The First Period of "Assistant Surgeon" May Improve the Learning Curve for Laparoscopic Robotic-Assisted Hysterectomy. Frontiers in Surgery. 2016;3;58	3
9076	F. O. R. Velez-Cubian, K. L.Thau, M. R.Moodie, C. C.Garrett, J. R.Fontaine, J. P.Toloza, E. M., Efficacy of lymph node dissection during robotic-assisted lobectomy for non-small cell lung cancer: retrospective review of 159 consecutive cases. Journal of Thoracic Disease. 2016;8;2454-2463	3
9077	S. Y. L. Lim, J. Y.Yang, J. H.Na, Y. J.Kim, M. G.Jo, S. K.Cho, W. Y., Predictive factors of acute kidney injury in patients undergoing rectal surgery. Kidney Research and Clinical Practice. 2016;35;160-4	12
9078	R. Y. Nayyar, S.Singh, P.Dogra, P. N., Impact of assistant surgeon on outcomes in robotic surgery. Indian Journal of Urology. 2016;32;204-9	4
9079	F. Z. Bao, C.Yang, Y.He, Z.Wang, L.Hu, J., Comparison of robotic and video-assisted thoracic surgery for lung cancer: a propensity-matched analysis. Journal of Thoracic Disease. 2016;8;1798-803	13
9080	M. W. K. Lin, S. W.Yang, S. M.Lee, J. M., Robotic-assisted thoracoscopic sleeve lobectomy for locally advanced lung cancer. Journal of Thoracic Disease. 2016;8;1747-52	3
9081	T. M. Sejima, S.Fujiwara, K.Ashida, K.Saito, H.Taniguchi, Y.Nakamura, H.Takenaka, A., The First Pilot Comprehensive Evaluation of the Outcomes of Different Types of Robotic Surgeries in the Different Surgical Departments: The Penta, Tetra and Trifecta Achievements in Robotic Surgeries. Yonago Acta Medica. 2016;59;135-42	3
9082	M. A. K. Bozkurt, A.Gemici, E.Kalayci, M. U.Alis, H., Robotic versus conventional laparoscopic colorectal operations: a-single center experience. Turkish Journal of Surgery. 2016;32;34121	12
9083	O. V.-M. Castillo, I.Rodriguez-Carlin, A.Silva, A.Schatloff, O.Borgna, V., Modified urethrovesical anastomosis during robot-assisted simple prostatectomy: Technique and results. Prostate International. 2016;4;22372	3
9084	L. G. Morelli, S.Troia, E.Di Franco, G.Palmeri, M.Caprili, G.D'Isidoro, C.Moglia, A.Pisano, R.Pietrabissa, A.Cuschieri, A.Mosca, F., Use of a novel multi-purpose sponge for laparoscopic surgery: Does it have special relevance to robotically-assisted laparoscopic surgery?. Journal of Minimal Access Surgery. 2016;12;315-20	2
9085	J. R. Law, N.Archambault, J.Nastis, S.Sener, A.Luke, P. P., First Canadian experience with robotic single-incision pyeloplasty: Comparison with multi-incision technique. Canadian Urological Association Journal. 2016;10;30529	3
9086	B. J. Y. Park, H. X.Woo, K. M.Sima, C. S., Minimally invasive (robotic assisted thoracic surgery and video-assisted thoracic surgery) lobectomy for the treatment of locally advanced non-small cell lung cancer. Journal of Thoracic Disease. 2016;8;S406-13	4
9087	Y. J. S. Chai, J.Kang, J.Woo, J. W.Song, R. Y.Kwon, H.Kim, S. J.Choi, J. Y.Lee, K. E., A comparative study of postoperative pain for open thyroidectomy versus bilateral axillo-breast approach robotic thyroidectomy using a self-reporting application for iPad. Annals of surgical treatment and research. 2016;90;239-45	12
9088	I. C. Andras, N.Coman, R. T.Logigan, H.Epure, F.Stanca, D. V.Coman, I., Oncological results at 2 years after robotic radical prostatectomy - the Romanian experience. Central European Journal of Urology. 2016;69;48-52	3

9089	W. C. Gong, J.Wang, Z.Chen, A.Ye, X.Li, H.Zhao, Q., Robot-assisted coronary artery bypass grafting improves short-term outcomes compared with minimally invasive direct coronary artery bypass grafting. Journal of Thoracic Disease. 2016;8;459-68	13
9090	R. A. Shridhar, A. M.Doepker, M.Hoffe, S. E.Almhanna, K.Meredith, K. L., Perioperative outcomes associated with robotic Ivor Lewis esophagectomy in patient's undergoing neoadjuvant chemoradiotherapy. Journal of Gastrointestinal Oncology. 2016;7;206-12	3
9091	T. K. Suda, S.Hachimaru, A.Tochii, D.Maeda, R.Tochii, S.Takagi, Y., Thymectomy via a subxiphoid approach: single-port and robot-assisted. Journal of Thoracic Disease. 2016;8;S265-71	3
9092	S. M. K. Yang, S. W.Lee, J. M., Robot-assisted thoracoscopic bronchoplasty. Journal of Visualized Surgery. 2015;1;20	3
9093	S. P. A. Somashekhar, K. R.Rajashekhar, J.Zaveri, S., Prospective Randomized Study Comparing Robotic-Assisted Surgery with Traditional Laparotomy for Rectal Cancer-Indian Study. Indian Journal of Surgery. 2015;77;788-94	12
9094	C. R. Ellimoottil, F.Blackwell, R.Kadlec, A.Greco, K.Quek, M. L.Sun, M.Trinh, Q. D.Gupta, G., Open Versus Robotic Radical Prostatectomy in Obese Men. Current Urology. 2015;8;156-61	12
9095	Q. D. Zhan, X.Weng, Y.Jin, J.Wu, Z.Li, H.Shen, B.Peng, C., Outcomes of robotic surgery for pancreatic ductal adenocarcinoma. Chinese Journal of Cancer Research. 2015;27;604-10	3
9096	A. B. Joselyn, T.McKee, C.Pepper, V.Diefenbach, K.Michalsky, M.Tobias, J. D., Perioperative analgesic requirements in severely obese adolescents and young adults undergoing laparoscopic versus robotic-assisted gastric sleeve resection. Saudi journal of anaesthesia. 2015;9;442-5	12
9097	O. I. Acar, E. O.Mut, T.Saglican, Y.Onay, A.Vural, M.Musaoglu, A.Esen, T., Comparison of the trifecta outcomes of robotic and open nephron-sparing surgeries performed in the robotic era of a single institution. Springerplus. 2015;4;472	13
9098	J. E. Asmar, M.Carbonnel, M.Goetgheluck, J.Revaux, A.Ayoubi, J. M., Myomectomy by Robotically Assisted Laparoscopic Surgery: Results at Foch Hospital, Paris. Frontiers in Surgery. 2015;2;40	3
9099	E. R. L. Kim, C.Kim, D. J.Kim, J. S.Park, K. H., Robot-assisted cardiac surgery using the da vinci surgical system: a single center experience. The Korean Journal of Thoracic & Cardiovascular Surgery. 2015;48;99-104	3
9100	A. J. W. Cohen, D. S.Bohorquez, H.Bruce, D. S.Carmody, I. C.Reichman, T.Loss, G. E., Jr., Robotic-assisted laparoscopic donor nephrectomy: decreasing length of stay. Ochsner Journal. 2015;15;19-24	1
9101	L. H. C. Chiu, C. H.Tu, P. C.Chang, C. W.Yen, Y. K.Liu, W. M., Comparison of robotic surgery and laparoscopy to perform total hysterectomy with pelvic adhesions or large uterus. Journal of Minimal Access Surgery. 2015;11;87-93	13
9102	A. S. Pant, J.Lurain, J., Robotic surgery compared with laparotomy for high-grade endometrial cancer. Journal of Robotic Surgery. 2014;8;163-7	13
9103	E. I. G. Benizri, A.Ayav, A.Bernard, J. L.Zarnegar, R.Benchimol, D.Bresler, L.Brunaud, L., Short-term perioperative outcomes after robot-assisted and laparoscopic distal pancreatectomy. Journal of Robotic Surgery. 2014;8;125-32	12
9104	R. E. C. Betcher, J. P.Lacy, P. R.Otey, S. K.Wood, D. J., Analysis of postoperative pain in robotic versus traditional laparoscopic hysterectomy. Journal of Robotic Surgery. 2014;8;35-41	13

9105	M. H. K. Wood, J. J.Garretson, B., A comparison of outcomes between the traditional laparoscopic and totally robotic Roux-en-Y gastric bypass procedures. Journal of Robotic Surgery. 2014;8;29-34	12
9106	A. C. B. Harbin, G.Vora, A. A.Cheng, X.Stanford, V.McGeagh, K.Murdock, J.Ghasemian, R.Lynch, J.Bedell, F.Verghese, M.Hwang, J. J., Does pure robotic partial nephrectomy provide similar perioperative outcomes when compared to the combined laparoscopic-robotic approach?. Journal of Robotic Surgery. 2014;8;44765	13
9107	G. P. Turchetti, F.Palla, I.Manetti, S.Cuschieri, A., The Quality of Life of Patients Treated With Robotic Versus Traditional Surgery Results From An Italian Observational Multicenter Study. Value in Health. 2014;17;A538-9	8
9108	S. W. K. Hollander, H. J.Fritz, M.Djalali, P.Birk, D., Robotic Camera Assistance and Its Benefit in 1033 Traditional Laparoscopic Procedures: Prospective Clinical Trial Using a Joystick-guided Camera Holder. Surgical Technology International. 2014;25;19-23	2
9109	M. C. S. Pitter, C.Seshadri-Kreaden, U.Hubert, H. B., The impact of different surgical modalities for hysterectomy on satisfaction and patient reported outcomes. Interactive Journal of Medical Research. 2014;3;e11	13
9110	H. J. C. Kim, G. S.Park, J. S.Park, S. Y., Comparison of surgical skills in laparoscopic and robotic tasks between experienced surgeons and novices in laparoscopic surgery: an experimental study. Annals of Coloproctology. 2014;30;26085	4
9111	S. P. K. Puntambekar, N.Mallireddy, C.Puntambekar, S. S.Agarwal, G.Joshi, S.Kenawadekar, R.Lawande, A., Indian experience of robotics in gynecology. Journal of Minimal Access Surgery. 2014;10;29281	3
9112	B. D. G. Sumer, V.Truelson, J. M.Myers, L. L., Transoral robotic surgery and transoral laser microsurgery for oropharyngeal squamous cell cancer. Journal of Robotic Surgery. 2013;7;377-83	13
9113	G. A. T. Gorchev, S. T.Radionova, Z. V.Tanchev, L. S., Robotic-assisted radical parametrectomy in patients with malignant gynecological tumors. Journal of Robotic Surgery. 2013;7;317-23	3
9114	G. P. P. Szeto, J. T.Law, W. L., A comparison of surgeon's postural muscle activity during robotic-assisted and laparoscopic rectal surgery. Journal of Robotic Surgery. 2013;7;305-8	1
9115	T. L. F. Trentman, S. L.McGirr, D.Anderson, B.Chang, Y. H.Nateras, R. N.Castle, E. P.Rosenfeld, D. M., Comparison of anesthetic management and outcomes of robot-assisted versus open radical cystectomy. Journal of Robotic Surgery. 2013;7;273-9	13
9116	J. F. P. Dulemba, C.Hubert, H. B., Retrospective analysis of robot-assisted versus standard laparoscopy in the treatment of pelvic pain indicative of endometriosis. Journal of Robotic Surgery. 2013;7;163-9	12
9117	S. E. G. Barton, A. R., Robot-assisted laparoscopic myomectomy and adenomyomectomy with a flexible CO2 laser device. Journal of Robotic Surgery. 2013;7;157-62	3
9118	H. J. M. Lujan, V. H.Romero, R.Plasencia, G., Laparoscopic versus robotic right colectomy: a single surgeon's experience. Journal of Robotic Surgery. 2013;7;95-102	12
9119	E. G. H. Jacome, A. E.Christian, F., Comparative analysis of vaginal versus robotic-assisted hysterectomy for benign indications. Journal of Robotic Surgery. 2013;7;39-46	13

9120	R. N. Kumar, B., Robotic versus conventional laparoscopic pyeloplasty: A single surgeon concurrent cohort review. Indian Journal of Urology. 2013;29;19-21	13
9121	J. S. Cardenas-Goicoechea, E.Chuang, L.Gretz, H.Randall, T. C., Integration of robotics into two established programs of minimally invasive surgery for endometrial cancer appears to decrease surgical complications. Journal of Gynecologic Oncology. 2013;24;44794	13
9122	P. C. Wolanski, C.Jones, L.Mullavey, T.Walsh, S.Gianduzzo, T., Preliminary results of robot-assisted laparoscopic radical prostatectomy (RALP) after fellowship training and experience in laparoscopic radical prostatectomy (LRP). BJU International. 2012;110 Suppl 4;64-70	1
9123	L. R. Hoyte, R.Mezzich, J.Bassaly, R.Downes, K., Cost analysis of open versus robotic-assisted sacrocolpopexy. Female Pelvic Medicine & Reconstructive Surgery. 2012;18;335-9	13
9124	J. Y. J. Park, M. J.Nam, B. H.Kim, Y.Eom, B. W.Yoon, H. M.Ryu, K. W.Kim, Y. W.Lee, J. H., Surgical stress after robot-assisted distal gastrectomy and its economic implications. British Journal of Surgery. 2012;99;1554-61	12
9125	J. S. C. Park, G. S.Park, S. Y.Kim, H. J.Ryuk, J. P., Randomized clinical trial of robot-assisted versus standard laparoscopic right colectomy. British Journal of Surgery. 2012;99;1219-26	12
9126	N. M. Koutlidis, E.Champigneulle, J.Mangin, P.Cormier, L., Robot-assisted or pure laparoscopic nerve-sparing radical prostatectomy: what is the optimal procedure for the surgical margins? A single center experience. International Journal of Urology. 2012;19;1076-81	12
9127	S. J. K. Baek, S. H.Cho, J. S.Shin, J. W.Kim, J., Robotic versus conventional laparoscopic surgery for rectal cancer: a cost analysis from a single institute in Korea. World Journal of Surgery. 2012;36;300474	12
9128	P. D. M. McClain, P. W.Hemal, A. K., Robot-assisted reconstructive surgery for ureteral malignancy: analysis of efficacy and oncologic outcomes. Journal of Endourology. 2012;26;1614-7	3
9129	K. A. Baldie, J.Ogan, K.Hood, N.Pattaras, J. G., Robotic management of benign mid and distal ureteral strictures and comparison with laparoscopic approaches at a single institution. Urology. 2012;80;596-601	12
9130	J. D. H. Wright, T. J.Neugut, A. I.Burke, W. M.Lu, Y. S.Lewin, S. N.Hershman, D. L., Comparative effectiveness of minimally invasive and abdominal radical hysterectomy for cervical cancer. Gynecologic Oncology. 2012;127;44872	9
9131	S. W. L. Kang, S. H.Park, J. H.Jeong, J. S.Park, S.Lee, C. R.Jeong, J. J.Nam, K. H.Chung, W. Y.Park, C. S., A comparative study of the surgical outcomes of robotic and conventional open modified radical neck dissection for papillary thyroid carcinoma with lateral neck node metastasis. Surgical Endoscopy. 2012;26;493626	12
9132	A. L. K. Smith, T. C.Scott, E. M.Rauh-Hain, J. A.Sukumvanich, P.Olawaiye, A. B.Richard, S. D., Dual-console robotic surgery compared to laparoscopic surgery with respect to surgical outcomes in a gynecologic oncology fellowship program. Gynecologic Oncology. 2012;126;432-6	13
9133	I. Z. Zapardiel, V.Kho, R. M.Magrina, J. F.Magtibay, P. M., Ovarian remnant syndrome: comparison of laparotomy, laparoscopy and robotic surgery. Acta Obstetricia et Gynecologica Scandinavica. 2012;91;965-9	12
9134	J. S. M. Ellison, J. S.Wolf, J. S., Jr.Hafez, K. S.Miller, D. C.Weizer, A. Z., A matched comparison of perioperative outcomes of a single laparoscopic surgeon versus a multisurgeon robot-assisted cohort for partial nephrectomy. Journal of Urology. 2012;188;45-50	13

9135	Z. W. Y. Mok, E. L.Low, J. J.Ng, J. S., Clinical outcomes in endometrial cancer care when the standard of care shifts from open surgery to robotics. International Journal of Gynecological Cancer. 2012;22;819-25	13
9136	D. D. G. Antosh, S. A.McDonald, M. A.Shveiky, D.Park, A. J.Gutman, R. E.Sokol, A. I., Short-term outcomes of robotic versus conventional laparoscopic sacral colpopexy. Female Pelvic Medicine & Reconstructive Surgery. 2012;18;158-61	13
9137	A. L. Kiriakopoulos, D., Gasless transaxillary robotic versus endoscopic thyroidectomy: exploring the frontiers of scarless thyroidectomy through a preliminary comparison study. Surgical Endoscopy. 2012;26;2797-801	12
9138	C. S. Vasilescu, O.Tudor, S., Laparoscopic versus robotic subtotal splenectomy in hereditary spherocytosis. Potential advantages and limits of an expensive approach. Surgical Endoscopy. 2012;26;329694	12
9139	K. H. L. Huang, Y. T.Fang, W. L.Chen, J. H.Lo, S. S.Hsieh, M. C.Li, A. F.Chiou, S. H.Wu, C. W., Initial experience of robotic gastrectomy and comparison with open and laparoscopic gastrectomy for gastric cancer. Journal of Gastrointestinal Surgery. 2012;16;1303-10	12
9140	J. Y. K. Kim, N. K.Lee, K. Y.Hur, H.Min, B. S.Kim, J. H., A comparative study of voiding and sexual function after total mesorectal excision with autonomic nerve preservation for rectal cancer: laparoscopic versus robotic surgery. Annals of Surgical Oncology. 2012;19;2485-93	12
9141	K. M. M. Van Abel, E. J.Carlson, M. L.Davidson, J. A.Garcia, J. J.Olsen, S. M.Olsen, K. D., Transoral robotic surgery using the thulium:YAG laser: a prospective study. Archives of Otolaryngology -- Head & Neck Surgery. 2012;138;158-66	3
9142	Y. W. H. Moon, C. W.Do, K. H.Kim, C. Y.Han, J. H.Na, S. E.Lee, C. H.Kim, J. G.Park, Y. S., Comparison of robot-assisted and conventional total knee arthroplasty: a controlled cadaver study using multiparameter quantitative three-dimensional CT assessment of alignment. Computer Aided Surgery. 2012;17;86-95	7
9143	R. D. Abaza, P. P.Gong, M. C.Bahnson, R. R.Pohar, K. S., Quality of lymphadenectomy is equivalent with robotic and open cystectomy using an extended template. Journal of Urology. 2012;187;1200-4	13
9144	H. Y. H. Yu, N. D.Lipsitz, S. R.Kowalczyk, K. J.Hu, J. C., Use, costs and comparative effectiveness of robotic assisted, laparoscopic and open urological surgery. Journal of Urology. 2012;187;1392-8	12
9145	C. S. A. Foley, O.Siperstein, A. E.Berber, E., Robotic transaxillary endocrine surgery: a comparison with conventional open technique. Surgical Endoscopy. 2012;26;2259-66	12
9146	J. D. B. Wright, W. M.Wilde, E. T.Lewin, S. N.Charles, A. S.Kim, J. H.Goldman, N.Neugut, A. I.Herzog, T. J.Hershman, D. L., Comparative effectiveness of robotic versus laparoscopic hysterectomy for endometrial cancer. Journal of Clinical Oncology. 2012;30;783-91	13
9147	C. K. P. Rowe, M. W.Tecci, K. C.Houck, C. S.Mandell, J.Retik, A. B.Nguyen, H. T., A comparative direct cost analysis of pediatric urologic robot-assisted laparoscopic surgery versus open surgery: could robot-assisted surgery be less expensive?. Journal of Endourology. 2012;26;871-7	12
9148	C. A. T. Seideman, Y. K.Faddegon, S.Park, S. K.Best, S. L.Cadeddu, J. A.Olweny, E. O., Robot-assisted laparoendoscopic single-site pyeloplasty: technique using the da Vinci Si robotic platform. Journal of Endourology. 2012;26;971-4	8
9149	X. R. Hurtes, M.Vaessen, C.Pereira, H.Faivre d'Arcier, B.Cormier, L.Bruyere, F., Anterior suspension combined with posterior reconstruction during robot-assisted laparoscopic prostatectomy improves early return of urinary continence: a prospective randomized multicentre trial. BJU International. 2012;110;875-83	3

9150	M. J. G. Barry, P. M.Skinner, J. S.Fowler, F. J., Jr., Adverse effects of robotic-assisted laparoscopic versus open retropubic radical prostatectomy among a nationwide random sample of medicare-age men. Journal of Clinical Oncology. 2012;30;513-8	12
9151	Q. D. S. Trinh, J.Sun, M.Ravi, P.Ghani, K. R.Bianchi, M.Jeong, W.Shariat, S. F.Hansen, J.Schmitges, J.Jeldres, C.Rogers, C. G.Peabody, J. O.Montorsi, F.Menon, M.Karakiewicz, P. I., Perioperative outcomes of robot-assisted radical prostatectomy compared with open radical prostatectomy: results from the nationwide inpatient sample. European Urology. 2012;61;679-85	12
9152	E. P. Hyams, P.Mullins, J. K.Ward, M.Allaf, M., A comparative cost analysis of robot-assisted versus traditional laparoscopic partial nephrectomy. Journal of Endourology. 2012;26;843-7	13
9153	G. L. Spinoglio, L. M.Maglione, V.Lucido, F. S.Priora, F.Bianchi, P. P.Grosso, F.Quarati, R., Single-site robotic cholecystectomy (SSRC) versus single-incision laparoscopic cholecystectomy (SILC): comparison of learning curves. First European experience. Surgical Endoscopy. 2012;26;1648-55	12
9154	C. S. H. Elliott, M. H.Sokol, E. R.Comiter, C. V.Payne, C. K.Chen, B., Robot-assisted versus open sacrocolpopexy: a cost-minimization analysis. Journal of Urology. 2012;187;638-43	13
9155	K. A. Karabulut, O.Aliyev, S.Siperstein, A.Berber, E., Comparison of intraoperative time use and perioperative outcomes for robotic versus laparoscopic adrenalectomy. Surgery. 2012;151;537-42	13
9156	M. Q. G. Bernardini, L. T.Tipping, H.Murphy, J.Rosen, B. P., Surgical outcome of robotic surgery in morbidly obese patient with endometrial cancer compared to laparotomy. International Journal of Gynecological Cancer. 2012;22;76-81	13
9157	P. C. Venkat, L. M.Young-Lin, N.Kiet, T. K.Young, G.Amatori, D.Dasverma, B.Yu, X.Kapp, D. S.Chan, J. K., An economic analysis of robotic versus laparoscopic surgery for endometrial cancer: costs, charges and reimbursements to hospitals and professionals. Gynecologic Oncology. 2012;125;237-40	13
9158	P. F. F. Escobar, M.Soliman, P. T.Frasure, H. E.Fader, A. N.Schmeler, K. M.Ramirez, P. T., Comparison of single-port laparoscopy, standard laparoscopy, and robotic surgery in patients with endometrial cancer. Annals of Surgical Oncology. 2012;19;1583-8	13
9159	H. M. K. Yoon, Y. W.Lee, J. H.Ryu, K. W.Eom, B. W.Park, J. Y.Choi, I. J.Kim, C. G.Lee, J. Y.Cho, S. J.Rho, J. Y., Robot-assisted total gastrectomy is comparable with laparoscopically assisted total gastrectomy for early gastric cancer. Surgical Endoscopy. 2012;26;1377-81	12
9160	B. C. Lallemant, G.Rupp, D.Reynaud, C.Alovisetti, C.Kacha, S.Lallemant, J. G.Trevillot, V., Robotic thyroid surgery: our experience with the infraclavicular approach. Head & Neck. 2012;34;1247-50	7
9161	J. L. V. Silberstein, A. J.Power, N. E.Parra, R. O.Coleman, J. A.Pinochet, R.Touijer, K. A.Scardino, P. T.Eastham, J. A.Laudone, V. P., Pelvic lymph node dissection for patients with elevated risk of lymph node invasion during radical prostatectomy: comparison of open, laparoscopic and robot-assisted procedures. Journal of Endourology. 2012;26;748-53	12
9162	S. I. C. Kozinn, D.Sorcini, A.Moinzadeh, A., Robotic versus open distal ureteral reconstruction and reimplantation for benign stricture disease. Journal of Endourology. 2012;26;147-51	12
9163	G. B. S. Deutsch, S. A.Gunabushanam, V.Mishra, N.Rubach, E.Zemon, H.Klein, J. D.Denoto, G., 3rd, Robotic vs. laparoscopic colorectal surgery: an institutional experience. Surgical Endoscopy. 2012;26;956-63	12

9164	A. U. Shaligram, J.Simorov, A.Kothari, V. M.Oleynikov, D., How does the robot affect outcomes? A retrospective review of open, laparoscopic, and robotic Heller myotomy for achalasia. Surgical Endoscopy. 2012;26;1047-50	12
9165	E. O. P. Olweny, S. K.Tan, Y. K.Gurbuz, C.Cadeddu, J. A.Best, S. L., Perioperative comparison of robotic assisted laparoendoscopic single-site (LESS) pyeloplasty versus conventional LESS pyeloplasty. European Urology. 2012;61;410-4	13
9166	M. M. B. Desai, A. K.Brandina, R. R.Zehnder, P.Simmons, M.Aron, M.Skinner, E. C.Gill, I. S., Robotic and laparoscopic high extended pelvic lymph node dissection during radical cystectomy: technique and outcomes. European Urology. 2012;61;350-5	13
9167	A. M. F. Nick, M. M.Soliman, P. T.Schmeler, K. M.Ramirez, P. T., Fertility sparing surgery for treatment of early-stage cervical cancer: open vs. robotic radical trachelectomy. Gynecologic Oncology. 2012;124;276-80	12
9168	C. M. P. Schneider, P. D.Taylor, R. H.Dachs, G. W., 2ndHasser, C. J.DiMaio, S. P.Choti, M. A., Robot-assisted laparoscopic ultrasonography for hepatic surgery. Surgery. 2012;151;756-62	7
9169	H. C. Yoo, B. J.Park, H. S.Kim, K. H.Kim, S. H.Song, B. J.Jung, S. S.Bae, J. S., Comparison of surgical outcomes between endoscopic and robotic thyroidectomy. Journal of Surgical Oncology. 2012;105;705-8	12
9170	B. W. Y. Eom, H. M.Ryu, K. W.Lee, J. H.Cho, S. J.Lee, J. Y.Kim, C. G.Choi, I. J.Lee, J. S.Kook, M. C.Rhee, J. Y.Park, S. R.Kim, Y. W., Comparison of surgical performance and short-term clinical outcomes between laparoscopic and robotic surgery in distal gastric cancer. European Journal of Surgical Oncology. 2012;38;57-63	12
9171	F. J. J. Collinson, D. G.Pigazzi, A.Tsang, C.Barrie, J. M.Edlin, R.Garbett, C.Guillou, P.Holloway, I.Howard, H.Marshall, H.McCabe, C.Pavitt, S.Quirke, P.Rivers, C. S.Brown, J. M., An international, multicentre, prospective, randomised, controlled, unblinded, parallel-group trial of robotic-assisted versus standard laparoscopic surgery for the curative treatment of rectal cancer. International Journal of Colorectal Disease. 2012;27;233-41	12
9172	B. T. Weksler, J.Newhook, T. E.Greenleaf, C. E.Diehl, J. T., Robot-assisted thymectomy is superior to transsternal thymectomy. Surgical Endoscopy. 2012;26;261-6	13
9173	P. H. P. Kim, M. B.Kim, S. S.Dorey, F.De Filippo, R. E.Chang, A. Y.Hardy, B. E.Gill, I. S.Desai, M. M.Koh, C. J., Early comparison of nephrectomy options in children (open, transperitoneal laparoscopic, laparo-endoscopic single site (LESS), and robotic surgery). BJU International. 2012;109;910-5	13
9174	A. F. Huart, S.Lebailly, F.Garcia, J. C.Liverneaux, P. A., Are pedicled flaps feasible in robotic surgery? Report of an anatomical study of the kite flap in conventional surgery versus robotic surgery. Surgical Innovation. 2012;19;89-92	7
9175	M. E. P. Hagen, F.Chassot, G.Huber, O.Buchs, N.Iranmanesh, P.Morel, P., Reducing cost of surgery by avoiding complications: the model of robotic Roux-en-Y gastric bypass. Obesity Surgery. 2012;22;52-61	12
9176	A. R. Sanchez, O.Nakhal, E.Davila, H.Valero, R.Sanchez, R.Pena, R.Visconti, M. F., Robotic-assisted Heller myotomy versus laparoscopic Heller myotomy for the treatment of esophageal achalasia: a case-control study. Journal of Robotic Surgery. 2012;6;213-6	12
9177	R. L. Estape, N.Estape, E.Vega, O.Ojea, T., Robotic-assisted total laparoscopic hysterectomy and staging for the treatment of endometrial cancer: a comparison with conventional laparoscopy and abdominal approaches. Journal of Robotic Surgery. 2012;6;199-205	13

9178	J. E. K. P. Anderson, J.Chang, D. C.Talamini, M. A., Hospital costs and length of stay related to robot-assisted versus open radical and partial nephrectomy for kidney cancer in the USA. Journal of Robotic Surgery. 2012;6;19-22	13
9179	N. D. A. Fleming, A. E.Lentz, S. E., Operative and anesthetic outcomes in endometrial cancer staging via three minimally invasive methods. Journal of Robotic Surgery. 2012;6;337-44	13
9180	E. C. T. Lai, C. N.Li, M. K., Conventional laparoscopic and robot-assisted laparoscopic liver resection for benign and malignant pathologies: a cohort study. Journal of Robotic Surgery. 2012;6;295-300	12
9181	E. M. Dauterive, G. th, Incidence and characteristics of vaginal cuff dehiscence in robotic-assisted and traditional total laparoscopic hysterectomy. Journal of Robotic Surgery. 2012;6;149-54	13
9182	B. H. X. Kang, Y.Hur, H.Ahn, C. W.Cho, Y. K.Han, S. U., Comparison of Surgical Outcomes between Robotic and Laparoscopic Gastrectomy for Gastric Cancer: The Learning Curve of Robotic Surgery. Journal of Gastric Cancer. 2012;12;156-63	12
9183	C. T. Ho, E.Tran, K.Cimon, K.Severn, M.Mierzwinski-Urban, M.Corcos, J.Pautler,, Robot-assisted surgery compared with open surgery and laparoscopic surgery. CADTH Technology Overviews. 2012;2;e2203	5
9184	O. M. T. Rashid, K., Are video-assisted thoracoscopic surgery (VATS) and robotic video-assisted thoracic surgery (RVATS) for pulmonary resection ready for prime time?. Journal of Thoracic Disease. 2012;4;341-2	8
9185	J. T. P. Broome, S.Solorzano, C. C., Expense of robotic thyroidectomy: a cost analysis at a single institution. Archives of Surgery. 2012;147;1102-6	4
9186	J. Y. Shin, Comparison of Short-term Surgical Outcomes between a Robotic Colectomy and a Laparoscopic Colectomy during Early Experience. Journal of the Korean Society of Coloproctology. 2012;28;19-26	12
9187	L. M. Balasubramani, D. A.Shepherd, J. H.Ind, T. E., Differences in hand movements and task completion times between laparoscopic, robotically assisted, and open surgery: an in vitro study. Journal of Robotic Surgery. 2011;5;137-40	2
9188	M. Z. Goel, T. W.Moore, D. H., Surgical staging of endometrial cancer: robotic versus open technique outcomes in a contemporary single surgeon series. Journal of Robotic Surgery. 2011;5;109-14	13
9189	H. J. L. Jang, H. S.Park, S. Y.Zo, J. I., Comparison of the early robot-assisted lobectomy experience to video-assisted thoracic surgery lobectomy for lung cancer: a single-institution case series matching study. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery. 2011;6;305-10	13
9190	E. L. Soto, Y.Friedman, K.Soto, C.Nezhat, F.Chuang, L.Gretz, H., Total laparoscopic hysterectomy versus da Vinci robotic hysterectomy: is using the robot beneficial?. Journal of Gynecologic Oncology. 2011;22;253-9	13
9191	G. S. M. Kilic, G.Elbatanony, A.Radecki, C.Phelps, J. Y.Borahay, M. A., Comparison of Perioperative Outcomes of Total Laparoscopic and Robotically Assisted Hysterectomy for Benign Pathology during Introduction of a Robotic Program. Obstetrics & Gynecology International. 2011;2011;683703	13
9192	A. S. Gocmen, F.Ucar, M. G., Comparison of outcomes between laparotomy and robotic technique for cervical cancer. Journal of Robotic Surgery. 2010;4;123-8	13
9193	B. N. G. Giep, H. N.Hubert, H. B., Comparison of minimally invasive surgical approaches for hysterectomy at a community hospital: robotic-assisted laparoscopic hysterectomy, laparoscopic-assisted vaginal hysterectomy and laparoscopic supracervical hysterectomy. Journal of Robotic Surgery. 2010;4;167-75	13

9194	H. W. Z. Schreuder, R. P.van Baal, W. M.van de Lande, J.Dijkstra, J. C.Verheijen, R. H., From open radical hysterectomy to robot-assisted laparoscopic radical hysterectomy for early stage cervical cancer: aspects of a single institution learning curve. Gynecological Surgery. 2010;7;253-258	13
9195	G. B. Feuer, B.Krige, L.Alvarez, P., Comparison of a novel surgical approach for radical hysterectomy: robotic assistance versus open surgery. Journal of Robotic Surgery. 2009;3;179	13
9196	M. J. C. Curet, M.Solomon, H.Lui, G.Morton, J. M., Comparison of hospital charges between robotic, laparoscopic stapled, and laparoscopic handsewn Roux-en-Y gastric bypass. Journal of Robotic Surgery. 2009;3;27607	12
9197	M. P. H. Lowe, A. V.Jairam-Thodla, A.Singh, D. K.Buttin, B. M.Lurain, J. R.Schink, J. C., A comparison of robot-assisted and traditional radical hysterectomy for early-stage cervical cancer. Journal of Robotic Surgery. 2009;3;19	13
9198	J. V. L. Joseph, A.Patel, H. R., The cost of radical prostatectomy: retrospective comparison of open, laparoscopic, and robot-assisted approaches. Journal of Robotic Surgery. 2008;2;44672	4
9199	R. B. Prewitt, V.McBride, C. L.Kinney, S.Oleynikov, D., The patterns and costs of the Da Vinci robotic surgery system in a large academic institution. Journal of Robotic Surgery. 2008;2;17-20	5
9200	C. G. Nguan, A.Luke, P. P., Robotic surgery versus laparoscopy; a comparison between two robotic systems and laparoscopy. Journal of Robotic Surgery. 2008;1;263-8	3
9201	E. H. C. Lawson, M. J.Sanchez, B. R.Schuster, R.Berguer, R., Postural ergonomics during robotic and laparoscopic gastric bypass surgery: a pilot project. Journal of Robotic Surgery. 2007;1;22463	1
9202	J. Q. Z. Wang, C. P.Su, Y. G.Zhou, L.Hu, L.Wang, T. M.Wang, M. Y., Computer-assisted navigation systems for insertion of cannulated screws in femoral neck fractures: a comparison of bi-planar robot navigation with optoelectronic navigation in a Synbone hip model trial. Chinese Medical Journal. 2011;124;732982	3
9203	J. F. Z. Magrina, V.Giles, D.Noble, B. N.Kho, R. M.Magtibay, P. M., Robotic surgery for endometrial cancer: comparison of perioperative outcomes and recurrence with laparoscopy, vaginal/laparoscopy and laparotomy. European Journal of Gynaecological Oncology. 2011;32;476-80	13
9204	E. J. Z. Trabulsi, J. C.Colon-Herdman, A.Heckman, J. E.Gomella, L. G.Lallas, C. D., Minimally invasive radical prostatectomy: transition from pure laparoscopic to robotic-assisted radical prostatectomy. Archivos Espanoles de Urologia. 2011;64;823-9	12
9205	D. C. P. Minniti, S.Di Novi, C., Robot-assisted versus open radical prostatectomy: an evidence-based comparison. Technology & Health Care. 2011;19;331-9	12
9206	S. P. Caruso, A.Marrelli, D.Ceccarelli, G.Ceribelli, C.Roviello, F.Casciola, L., Open vs robot-assisted laparoscopic gastric resection with D2 lymph node dissection for adenocarcinoma: a case-control study. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2011;7;452-8	12
9207	M. A. S. Martino, J.Thomas, M. B.Morcrette, R. M.Schindler, J.Williams, S.Boulay, R., A cost analysis of postoperative management in endometrial cancer patients treated by robotics versus laparoscopic approach. Gynecologic Oncology. 2011;123;528-31	13
9208	C. N. S. Manea, V. D.Precup, D.Coman, I., Vascular anatomical variants in renal surgery: classic and robotic approach. Romanian Journal of Morphology & Embryology. 2011;52;855-8	5

9209	P. T. F. Soliman, M.Sun, C. C.Dos Reis, R.Schmeler, K. M.Nick, A. M.Westin, S. N.Brown, J.Levenback, C. F.Ramirez, P. T., Radical hysterectomy: a comparison of surgical approaches after adoption of robotic surgery in gynecologic oncology. Gynecologic Oncology. 2011;123;333-6	13
9210	B. L. Geppert, C.Persson, J., Robot-assisted laparoscopic hysterectomy in obese and morbidly obese women: surgical technique and comparison with open surgery. Acta Obstetricia et Gynecologica Scandinavica. 2011;90;1210-7	13
9211	M. K. F. Tollefson, I.Gettman, M. T., Robotic-assisted radical prostatectomy decreases the incidence and morbidity of surgical site infections. Urology. 2011;78;827-31	12
9212	F. R. L. Arkoncel, J. W.Rha, K. H.Han, W. K.Jeoung, H. B.Oh, C. K., Two-port robot-assisted vs standard robot-assisted laparoscopic partial nephrectomy: a matched-pair comparison. Urology. 2011;78;581-5	3
9213	E. C. Bertani, A.Biffi, R.Bianchi, P. P.Radice, D.Branchi, V.Cenderelli, E.Vetrano, I.Cenciarelli, S.Andreoni, B., Assessing appropriateness for elective colorectal cancer surgery: clinical, oncological, and quality-of-life short-term outcomes employing different treatment approaches. International Journal of Colorectal Disease. 2011;26;1317-27	12
9214	L. B. B. Landeen, M. C.Hubert, H. B.Bennis, L. Y.Knutsen-Larson, S. S.Seshadri-Kreaden, U., Clinical and cost comparisons for hysterectomy via abdominal, standard laparoscopic, vaginal and robot-assisted approaches. South Dakota Medicine: The Journal of the South Dakota State Medical Association. 2011;64;197-9	13
9215	A. K. Subramaniam, K. H.Bryant, S. A.Zhang, B.Sikes, C.Kimball, K. J.Kilgore, L. C.Huh, W. K.Straughn, J. M., Jr.Alvarez, R. D., A cohort study evaluating robotic versus laparotomy surgical outcomes of obese women with endometrial carcinoma. Gynecologic Oncology. 2011;122;604-7	13
9216	A. Alqahtani, Robotic gastric banding in children and adolescents: a comparative study. Surgical Endoscopy. 2011;25;3647-51	12
9217	C. W. L. Park, E. C.Walsh, T. M.Karimoto, M.Ma, A. T.Koo, M.Hammill, C.Murayama, K.Lorenzo, C. S.Bueno, R., Robotic-assisted Roux-en-Y gastric bypass performed in a community hospital setting: the future of bariatric surgery?. Surgical Endoscopy. 2011;25;3312-21	12
9218	S. R. Lee, H. R.Park, J. H.Kim, K. H.Kang, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y.Park, C. S., Excellence in robotic thyroid surgery: a comparative study of robot-assisted versus conventional endoscopic thyroidectomy in papillary thyroid microcarcinoma patients. Annals of Surgery. 2011;253;1060-6	12
9219	Y. H. Woo, W. J.Pak, K. H.Inaba, K.Obama, K.Choi, S. H.Noh, S. H., Robotic gastrectomy as an oncologically sound alternative to laparoscopic resections for the treatment of early-stage gastric cancers. Archives of Surgery. 2011;146;1086-92	12
9220	F. G. Luca, T. L.Valvo, M.Cenciarelli, S.Pozzi, S.Radice, D.Crosta, C.Biffi, R., Surgical and pathological outcomes after right hemicolectomy: case-matched study comparing robotic and open surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2011;7;298-303	12
9221	R. F. Gelmini, C.Spaziani, A.Patriti, A.Casciola, L.Saviano, M., Laparoscopic splenectomy: conventional versus robotic approach--a comparative study. Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A. 2011;21;393-8	12
9222	R. N. Lee, C. K.Shariat, S. F.Borkina, A.Guimento, R.Brumit, K. F.Scherr, D. S., The economics of robotic cystectomy: cost comparison of open versus robotic cystectomy. BJU International. 2011;108;1886-92	4

9223	F. P. Volonte, F.Bucher, P.Sugimoto, M.Ratib, O.Morel, P., Augmented reality and image overlay navigation with OsiriX in laparoscopic and robotic surgery: not only a matter of fashion. Journal of Hepato-biliary-pancreatic Sciences. 2011;18;506-9	3
9224	N. X. C. Zhou, J. Z.Liu, Q.Zhang, X.Wang, Z.Ren, S.Chen, X. F., Outcomes of pancreatoduodenectomy with robotic surgery versus open surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2011;7;131-7	12
9225	M. B. A. Sert, V., Robot-assisted laparoscopic radical hysterectomy: comparison with total laparoscopic hysterectomy and abdominal radical hysterectomy; one surgeon's experience at the Norwegian Radium Hospital. Gynecologic Oncology. 2011;121;600-4	13
9226	J. O. O. Moreno Sierra, E.Fernandez Perez, C.Galante Romo, I.Corral Rosillo, J.Prieto Nogal, S.Castillon Vela, I. T.Silmi Moyano, A.Alvarez Fernandez-Represa, J., Long-term outcomes after robotic sacrocolpopexy in pelvic organ prolapse: prospective analysis. Urologia Internationalis. 2011;86;414-8	3
9227	J. C. S. Ruckert, M.Ismail, M., Comparison of robotic and nonrobotic thoracoscopic thymectomy: a cohort study. Journal of Thoracic & Cardiovascular Surgery. 2011;141;673-7	13
9228	E. K. S. Song, J. K.Park, S. J.Jung, W. B.Park, H. W.Lee, G. W., Simultaneous bilateral total knee arthroplasty with robotic and conventional techniques: a prospective, randomized study. Knee Surgery, Sports Traumatology, Arthroscopy. 2011;19;1069-76	12
9229	M. T. M. Wong, G.Rigaud, J.Regenet, N.Lehur, P. A., Robotic versus laparoscopic rectopexy for complex rectocele: a prospective comparison of short-term outcomes. Diseases of the Colon & Rectum. 2011;54;342-6	12
9230	A. L. P. deSouza, L. M.Ricci, J.Park, J. J.Marecik, S. J.Zimmern, A.Blumetti, J.Abcarian, H., A comparison of open and robotic total mesorectal excision for rectal adenocarcinoma. Diseases of the Colon & Rectum. 2011;54;275-82	12
9231	W. W. K. Kim, J. S.Hur, S. M.Kim, S. H.Lee, S. K.Choi, J. H.Kim, S.Lee, J. E.Kim, J. H.Nam, S. J.Yang, J. H.Choe, J. H., Is robotic surgery superior to endoscopic and open surgeries in thyroid cancer?. World Journal of Surgery. 2011;35;779-84	12
9232	C. B. R. Patel, M.Ramos-Valadez, D. I.Haas, E. M., A three-arm (laparoscopic, hand-assisted, and robotic) matched-case analysis of intraoperative and postoperative outcomes in minimally invasive colorectal surgery. Diseases of the Colon & Rectum. 2011;54;144-50	12
9233	S. M. A. Ayloo, P.Buchs, N. C.Shah, G.Giulianotti, P. C., Robot-assisted versus laparoscopic Roux-en-Y gastric bypass: is there a difference in outcomes?. World Journal of Surgery. 2011;35;637-42	12
9234	J. L. Lee, J. H.Nah, K. Y.Soh, E. Y.Chung, W. Y., Comparison of endoscopic and robotic thyroidectomy. Annals of Surgical Oncology. 2011;18;1439-46	12
9235	D. H. Stefanidis, W. W.Scott, D. J., Robotic suturing on the FLS model possesses construct validity, is less physically demanding, and is favored by more surgeons compared with laparoscopy. Surgical Endoscopy. 2011;25;88177	5
9236	A. J. S. Vanni, J. T., Ileovesicostomy for the neurogenic bladder patient: outcome and cost comparison of open and robotic assisted techniques. Urology. 2011;77;1375-80	12
9237	C. M. K. Kang, D. H.Lee, W. J.Chi, H. S., Conventional laparoscopic and robot-assisted spleen-preserving pancreatectomy: does da Vinci have clinical advantages?. Surgical Endoscopy. 2011;25;38231	12

9238	B. H. C. Lang, M. P., A comparison of surgical outcomes between endoscopic and robotically assisted thyroidectomy: the authors' initial experience. Surgical Endoscopy. 2011;25;1617-23	12
9239	J. U. F. Stolzenburg, T.Kallidonis, P.Minh, D.Dietel, A.Hicks, J.Nicolaus, M.Al-Aown, A.Liatsikos, E., Comparison of the FreeHand R robotic camera holder with human assistants during endoscopic extraperitoneal radical prostatectomy. BJU International. 2011;107;970-4	3
9240	B. H. Balduyck, J. M.Lauwers, P.Mercelis, R.Ten Broecke, P.Van Schil, P., Quality of life after anterior mediastinal mass resection: a prospective study comparing open with robotic-assisted thoracoscopic resection. European Journal of Cardio-Thoracic Surgery. 2011;39;543-8	13
9241	C. M. C. Kang, S. H.Hwang, H. K.Lee, W. J.Chi, H. S., Minimally invasive (laparoscopic and robot-assisted) approach for solid pseudopapillary tumor of the distal pancreas: a single-center experience. Journal of Hepato-biliary-pancreatic Sciences. 2011;18;87-93	12
9242	G. R. Scozzari, F.Millo, P.Rocchietto, S.Allieta, R.Morino, M., Robot-assisted gastrojejunal anastomosis does not improve the results of the laparoscopic Roux-en-Y gastric bypass. Surgical Endoscopy. 2011;25;597-603	12
9243	J. H. P. Baek, C.Pigazzi, A., Robotic and laparoscopic total mesorectal excision for rectal cancer: a case-matched study. Surgical Endoscopy. 2011;25;521-5	12
9244	J. S. C. Park, G. S.Lim, K. H.Jang, Y. S.Jun, S. H., S052: a comparison of robot-assisted, laparoscopic, and open surgery in the treatment of rectal cancer. Surgical Endoscopy. 2011;25;240-8	12
9245	G. H. Gaia, R. W.Santoro, L.Ahmad, S.Di Silverio, E.Spinillo, A., Robotic-assisted hysterectomy for endometrial cancer compared with traditional laparoscopic and laparotomy approaches: a systematic review. Obstetrics & Gynecology. 2010;116;1422-1431	5
9246	E. A. Berber, H. Y.Aucejo, F.Gunasekaran, G.Chalikonda, S.Fung, J., Robotic versus laparoscopic resection of liver tumours. HPB. 2010;12;583-6	12
9247	R. P. R. Pasic, J. A.Fang, H.Ross, S.Moore, M.Gunnarsson, C., Comparing robot-assisted with conventional laparoscopic hysterectomy: impact on cost and clinical outcomes. Journal of Minimally Invasive Gynecology. 2010;17;730-8	13
9248	J. A. C. Waters, D. F.Wiebke, E. A.Dumas, R. P.Beane, J. D.Aguilar-Saavedra, J. R.Ball, C. G.House, M. G.Zyromski, N. J.Nakeeb, A.Pitt, H. A.Lillemoe, K. D.Schmidt, C. M., Robotic distal pancreatectomy: cost effective?. Surgery. 2010;148;814-23	12
9249	J. C. J. Barnett, J. P.Wu, J. M.Scales, C. D., Jr.Myers, E. R.Havrilesky, L. J., Cost comparison among robotic, laparoscopic, and open hysterectomy for endometrial cancer. Obstetrics & Gynecology. 2010;116;685-693	5
9250	A. S. Gocmen, F.Ucar, M. G., Comparison of robotic-assisted surgery outcomes with laparotomy for endometrial cancer staging in Turkey. Archives of Gynecology & Obstetrics. 2010;282;539-45	13
9251	J. P. S. Judd, N. Y.Barnett, J. C.Visco, A. G.Havrilesky, L. J.Wu, J. M., Cost-minimization analysis of robotic-assisted, laparoscopic, and abdominal sacrocolpopexy. Journal of Minimally Invasive Gynecology. 2010;17;493-9	13
9252	J. S. C. Park, G. S.Lim, K. H.Jang, Y. S.Jun, S. H., Robotic-assisted versus laparoscopic surgery for low rectal cancer: case-matched analysis of short-term outcomes. Annals of Surgical Oncology. 2010;17;3195-202	12
9253	J. M. S. DeLong, O.Moinzadeh, A., Comparison of laparoscopic versus robotic assisted partial nephrectomy: one surgeon's initial experience. Canadian Journal of Urology. 2010;17;1208193	13

9254	A. L. P. deSouza, L. M.Park, J. J.Marecik, S. J.Blumetti, J.Abcarian, H., Robotic assistance in right hemicolectomy: is there a role?. Diseases of the Colon & Rectum. 2010;53;1000-6	12
9255	D. O. M. Holtz, G.Finnegan, M. O.Chernick, M.Dunton, C. J., Endometrial cancer surgery costs: robot vs laparoscopy. Journal of Minimally Invasive Gynecology. 2010;17;500-3	13
9256	T. G. K. Rashid, M.Ind, T. E., Comparing the learning curve for robotically assisted and straight stick laparoscopic procedures in surgical novices. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2010;6;306-10	1
9257	P. P. C. Bianchi, C.Locatelli, A.Spinoglio, G.Zampino, M. G.Sonzogni, A.Crosta, C.Andreoni, B., Robotic versus laparoscopic total mesorectal excision for rectal cancer: a comparative analysis of oncological safety and short-term outcomes. Surgical Endoscopy. 2010;24;2888-94	12
9258	N. R. R. Dean, E. L.Carroll, W. R.Kostrzewa, J. P.Jones, V. L.Desmond, R. A.Clemons, L.Magnuson, J. S., Robotic-assisted surgery for primary or recurrent oropharyngeal carcinoma. Archives of Otolaryngology -- Head & Neck Surgery. 2010;136;380-4	13
9259	E. K. B. Lee, J.Duchene, D. A., Survey of practicing urologists: robotic versus open radical prostatectomy. Canadian Journal of Urology. 2010;17;1166799	5
9260	J. P. O. Geisler, C. J.Khurshid, N.Phibbs, G.Manahan, K. J., Robotically assisted laparoscopic radical hysterectomy compared with open radical hysterectomy. International Journal of Gynecological Cancer. 2010;20;438-42	13
9261	K. A. H. Richards, A. K.Kader, A. K.Pettus, J. A., Robot assisted laparoscopic pelvic lymphadenectomy at the time of radical cystectomy rivals that of open surgery: single institution report. Urology. 2010;76;1400-4	13
9262	A. K. N. Hemal, R.Gupta, N. P.Dorairajan, L. N., Experience with robot assisted laparoscopic surgery for upper and lower benign and malignant ureteral pathologies. Urology. 2010;76;1387-93	3
9263	C. J. C. Ascher-Walsh, T. L., Robot-assisted laparoscopic myomectomy is an improvement over laparotomy in women with a limited number of myomas. Journal of Minimally Invasive Gynecology. 2010;17;306-10	13
9264	J. B. F. Malcolm, M. D.Barone, B. B.Given, R. W.Lance, R. S.Lynch, D. F.Davis, J. W.Shaves, M. E.Schellhammer, P. F., Quality of life after open or robotic prostatectomy, cryoablation or brachytherapy for localized prostate cancer. Journal of Urology. 2010;183;1822-8	12
9265	D. K. Sarlos, L.Stevanovic, N.Schaer, G., Robotic hysterectomy versus conventional laparoscopic hysterectomy: outcome and cost analyses of a matched case-control study. European Journal of Obstetrics, Gynecology, & Reproductive Biology. 2010;150;33756	13
9266	J. A. Cardenas-Goicoechea, S.Bhat, S. B.Randall, T. C., Surgical outcomes of robotic-assisted surgical staging for endometrial cancer are equivalent to traditional laparoscopic staging at a minimally invasive surgical center. Gynecologic Oncology. 2010;117;224-8	13
9267	E. J. Z. Trabulsi, J. C.Gomella, L. G.Lallas, C. D., Transition from pure laparoscopic to robotic-assisted radical prostatectomy: a single surgeon institutional evolution. Urologic Oncology. 2010;28;29707	12
9268	E. N. Lambaudie, F.Bannier, M.Jauffret, C.Pouget, N.Leblanc, E.Houvenaeghel, G., Role of robot-assisted laparoscopy in adjuvant surgery for locally advanced cervical cancer. European Journal of Surgical Oncology. 2010;36;409-13	13

9269	V. N. Chandra, D.Parent, R.Woo, R.Reyes, R.Hernandez-Boussard, T.Dutta, S., A comparison of laparoscopic and robotic assisted suturing performance by experts and novices. Surgery. 2010;147;830-9	1
9270	G. G. Veronesi, D.Maisonneuve, P.Melfi, F.Schmid, R. A.Borri, A.Vannucci, F.Spaggiari, L., Four-arm robotic lobectomy for the treatment of early-stage lung cancer. Journal of Thoracic & Cardiovascular Surgery. 2010;140;19-25	13
9271	D. A. P. Freilich, F. J.Nelson, C. P.Retik, A. B.Nguyen, H. T., Parental satisfaction after open versus robot assisted laparoscopic pyeloplasty: results from modified Glasgow Children's Benefit Inventory Survey. Journal of Urology. 2010;183;704-8	13
9272	L. G. A. Svensson, F. A.Cosgrove, D. M.Blackstone, E. H.Rajeswaran, J.Krishnaswamy, G.Jin, U.Gillinov, A. M.Griffin, B.Navia, J. L.Mihaljevic, T.Lytle, B. W., Minimally invasive versus conventional mitral valve surgery: a propensity-matched comparison. Journal of Thoracic & Cardiovascular Surgery. 2010;139;926-32.e1-2	2
9273	Y. W. L. Jung, D. W.Kim, S. W.Nam, E. J.Kim, J. H.Kim, J. W.Kim, Y. T., Robot-assisted staging using three robotic arms for endometrial cancer: comparison to laparoscopy and laparotomy at a single institution. Journal of Surgical Oncology. 2010;101;116-21	13
9274	M. C. H. Kim, G. U.Jung, G. J., Robotic gastrectomy for gastric cancer: surgical techniques and clinical merits. Surgical Endoscopy. 2010;24;610-5	12
9275	S. Q. Jayaraman, D.Al-Ghamdi, I.El-Deen, F.Schlachta, C. M., Does robotic assistance improve efficiency in performing complex minimally invasive surgical procedures?. Surgical Endoscopy. 2010;24;584-8	7
9276	C. S. Vasilescu, O.Tudor, S.Popa, M.Turcanu, A.Florescu, A.Herlea, V.Anghel, R., Robotic radical hysterectomy with pelvic lymphadenectomy: our early experience. Chirurgia (Bucuresti). 2009;104;393-7	3
9277	S. D. Jayaraman, W.Schlachta, C. M., Getting started with robotics in general surgery with cholecystectomy: the Canadian experience. Canadian Journal of Surgery. 2009;52;374-8	12
9278	M. K. Anderberg, C. C.Arnbjornsson, E., Paediatric robotic surgery in clinical practice: a cost analysis. European Journal of Pediatric Surgery. 2009;19;311-5	12
9279	J. H. Yates, G.Stein, B.Miller, B.Renzulli, J.Pareek, G., The impact of robotic surgery on pelvic lymph node dissection during radical prostatectomy for localized prostate cancer: the Brown University early robotic experience. Canadian Journal of Urology. 2009;16;1074697	12
9280	R. W. A. Holloway, S.DeNardis, S. A.Peterson, L. B.Sultana, N.Bigsby, G. E. thPikaart, D. P.Finkler, N. J., Robotic-assisted laparoscopic hysterectomy and lymphadenectomy for endometrial cancer: Analysis of surgical performance. Gynecologic Oncology. 2009;115;447-52	3
9281	A. R. A. Kural, F.Tufek, I.Akpinar, H., Robot-assisted partial nephrectomy versus laparoscopic partial nephrectomy: comparison of outcomes. Journal of Endourology. 2009;23;1491-7	13
9282	B. M. B. Benway, S. B.Rogers, C. G.Dulabon, L. M.Patel, M. N.Lipkin, M.Wang, A. J.Stifelman, M. D., Robot assisted partial nephrectomy versus laparoscopic partial nephrectomy for renal tumors: a multi-institutional analysis of perioperative outcomes. Journal of Urology. 2009;182;866-72	13
9283	L. G. B. Seamon, S. A.Rheaume, P. S.Kimball, K. J.Huh, W. K.Fowler, J. M.Phillips, G. S.Cohn, D. E., Comprehensive surgical staging for endometrial cancer in obese patients: comparing robotics and laparotomy. Obstetrics & Gynecology. 2009;114;16-21	13

9284	A. A. M. Albassam, M. S.Gado, A.Shoukry, M., Nissen fundoplication, robotic-assisted versus laparoscopic procedure: a comparative study in children. European Journal of Pediatric Surgery. 2009;19;316-9	12
9285	A. V. J.-T. Hoekstra, A.Rademaker, A.Singh, D. K.Buttin, B. M.Lurain, J. R.Schink, J. C.Lowe, M. P., The impact of robotics on practice management of endometrial cancer: transitioning from traditional surgery. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2009;5;392-7	13
9286	S. J. V. Drouin, C.Hupertan, V.Comperat, E.Misrai, V.Haertig, A.Bitker, M. O.Chartier-Kastler, E.Richard, F.Roupret, M., Comparison of mid-term carcinologic control obtained after open, laparoscopic, and robot-assisted radical prostatectomy for localized prostate cancer. World Journal of Urology. 2009;27;599-605	12
9287	S. H. K. Baik, H. Y.Kim, J. S.Hur, H.Sohn, S. K.Cho, C. H.Kim, H., Robotic versus laparoscopic low anterior resection of rectal cancer: short-term outcome of a prospective comparative study. Annals of Surgical Oncology. 2009;16;1480-7	12
9288	J. K. Song, W. H.Oh, S. J.Hyung, W. J.Choi, S. H.Noh, S. H., Role of robotic gastrectomy using da Vinci system compared with laparoscopic gastrectomy: initial experience of 20 consecutive cases. Surgical Endoscopy. 2009;23;1204-11	12
9289	J. H. G. Kaouk, R. K., Single-port laparoscopic and robotic partial nephrectomy. European Urology. 2009;55;1163-9	13
9290	J. M. Hartmann, C.Ordemann, J.Nocon, M.Raue, W.Braumann, C., Long-term results of quality of life after standard laparoscopic vs. robot-assisted laparoscopic fundoplications for gastro-oesophageal reflux disease. A comparative clinical trial. The International Journal Of Medical Robotics + Computer Assisted Surgery: MRCAS. 2009;5;11871	12
9291	R. H. V. t. H. van der Schatte Olivier, C. D.Ruurda, J. P.Broeders, I. A., Ergonomics, user comfort, and performance in standard and robot-assisted laparoscopic surgery. Surgical Endoscopy. 2009;23;1365-71	4
9292	B. J. F. Park, R. M., Cost comparison of robotic, video-assisted thoracic surgery and thoracotomy approaches to pulmonary lobectomy. Thoracic Surgery Clinics. 2008;18;297-300, vii	4
9293	E. H. Lambaudie, G.Walz, J.Bannier, M.Buttarelli, M.Gurriet, B.De Laparrent, T.Blache, J. L., Robot-assisted laparoscopy in gynecologic oncology. Surgical Endoscopy. 2008;22;308082	13
9294	F. R. D. Nezhat, M. S.Liu, C.Chuang, L.Zakashansky, K., Robotic radical hysterectomy versus total laparoscopic radical hysterectomy with pelvic lymphadenectomy for treatment of early cervical cancer. Journal of the Society of Laparoendoscopic Surgeons. 2008;12;227-37	13
9295	D. R. B. Copeland, C.Kokoska, E. R.Jackson, R. J.Smith, S. D., Evaluation of initial experience and comparison of the da Vinci surgical system with established laparoscopic and open pediatric Nissen fundoplication surgery. Journal of the Society of Laparoendoscopic Surgeons. 2008;12;238-40	12
9296	F. Nezhat, Minimally invasive surgery in gynecologic oncology: laparoscopy versus robotics. Gynecologic Oncology. 2008;111;S29-32	5
9297	D. S. P. Veljovich, P. J.Drescher, C. W.Everett, E. N.Shah, C.Peters, W. A., 3rd, Robotic surgery in gynecologic oncology: program initiation and outcomes after the first year with comparison with laparotomy for endometrial cancer staging. American Journal of Obstetrics & Gynecology. 2008;198;679.e1-9; discussion 679.e9-10	13
9298	S. N. Breitenstein, A.Puhan, M.Held, U.Weber, M.Clavien, P. A., Robotic-assisted versus laparoscopic cholecystectomy: outcome and cost analyses of a case-matched control study. Annals of Surgery. 2008;247;987-93	12

9299	L. A. L. Deane, H. J.Box, G. N.Melamud, O.Yee, D. S.Abraham, J. B.Finley, D. S.Borin, J. F.McDougall, E. M.Clayman, R. V.Ornstein, D. K., Robotic versus standard laparoscopic partial/wedge nephrectomy: a comparison of intraoperative and perioperative results from a single institution. Journal of Endourology. 2008;22;947-52	13
9300	S. M. Eisold, A.Konstantinidis, L.Mieth, M.Hinz, U.Kashfi, A.Fonouni, H.Muller-Stich, B. P.Gebhard, M. M.Schmidt, J.Buchler, M. W.Gutt, C. N., Experimental study of cardiorespiratory and stress factors in esophageal surgery using robot-assisted thoracoscopic or open thoracic approach. Archives of Surgery. 2008;143;156-63	7
9301	S. H. K. Baik, Y. T.Kang, C. M.Lee, W. J.Kim, N. K.Sohn, S. K.Chi, H. S.Cho, C. H., Robotic tumor-specific mesorectal excision of rectal cancer: short-term outcome of a pilot randomized trial. Surgical Endoscopy. 2008;22;1601-8	12
9302	C. A. C. LaGrange, C. J.Gerber, E. W.Strup, S. E., Evaluation of three laparoscopic modalities: robotics versus three-dimensional vision laparoscopy versus standard laparoscopy. Journal of Endourology. 2008;22;511-6	5
9303	F. S. Augustin, T.Sieb, M.Lucciarini, P.Bodner, J., Video-assisted thoracoscopic surgery versus robotic-assisted thoracoscopic surgery thymectomy. Annals of Thoracic Surgery. 2008;85;S768-71	5
9304	G. B. Hubens, L.Ruppert, M.Gypen, B.Van Tu, T.Vaneerdeweg, W., Roux-en-Y gastric bypass procedure performed with the da Vinci robot system: is it worth it?. Surgical Endoscopy. 2008;22;1690-6	12
9305	G. J. B. Wang, D. A.Raman, J. D.Scherr, D. S., Robotic vs open radical cystectomy: prospective comparison of perioperative outcomes and pathological measures of early oncological efficacy. BJU International. 2008;101;89-93	13
9306	K. A. W. Guru, G. E.Piacente, P.Thompson, J.Deng, W.Kim, H. L.Mohler, J.O'Leary, K., Robot-assisted radical cystectomy versus open radical cystectomy: assessment of postoperative pain. Canadian Journal of Urology. 2007;14;676948	13
9307	G. W. P. Ma, M.Trejos, A. L.Hornblower, V.Smallwood, J.Patel, R.Fenster, A.Malthaner, R. A., Robot-assisted thoracoscopic brachytherapy for lung cancer: comparison of the ZEUS robot, VATS, and manual seed implantation. Computer Aided Surgery. 2007;12;270-7	5
9308	I. D. Franco, L. L.Zelkovic, P., Laparoscopic pyeloplasty in the pediatric patient: hand sewn anastomosis versus robotic assisted anastomosis--is there a difference?. Journal of Urology. 2007;178;1483-6	13
9309	J. d. H. Heemskerk, D. E.van Gemert, W. G.Baeten, C. G.Greve, J. W.Bouvy, N. D., Robot-assisted vs. conventional laparoscopic rectopexy for rectal prolapse: a comparative study on costs and time. Diseases of the Colon & Rectum. 2007;50;1825-30	12
9310	J. v. G. Heemskerk, W. G.de Vries, J.Greve, J.Bouvy, N. D., Learning curves of robot-assisted laparoscopic surgery compared with conventional laparoscopic surgery: an experimental study evaluating skill acquisition of robot-assisted laparoscopic tasks compared with conventional laparoscopic tasks in inexperienced users. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2007;17;171-4	4
9311	A. K. G. Rodgers, J. M.Hammel, J. P.Falcone, T., Tubal anastomosis by robotic compared with outpatient minilaparotomy. Obstetrics & Gynecology. 2007;109;1375-80	13
9312	A. L. W. Rawlings, J. H.Vegunta, R. K.Crawford, D. L., Robotic versus laparoscopic colectomy. Surgical Endoscopy. 2007;21;1701-8	12

9313	B. P. R. Muller-Stich, M. A.Wente, M. N.Bintintan, V. V.Koninger, J.Buchler, M. W.Gutt, C. N., Robot-assisted versus conventional laparoscopic fundoplication: short-term outcome of a pilot randomized controlled trial. Surgical Endoscopy. 2007;21;1800-5	12
9314	S. J. C. Marecik, V.Jan, A.Pearl, R. K.Park, J. J.Prasad, L. M., A comparison of robotic, laparoscopic, and hand-sewn intestinal sutured anastomoses performed by residents. American Journal of Surgery. 2007;193;349-55; discussion 355	7
9315	J. v. G. Heemskerk, W. G.Greve, J. W.Bouvy, N. D., Robot-assisted versus conventional laparoscopic Nissen fundoplication: a comparative retrospective study on costs and time consumption. Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2007;17;44565	12
9316	F. W. Cakar, P.Augustin, F.Schmid, T.Wolf-Magele, A.Sieb, M.Bodner, J., A comparison of outcomes after robotic open extended thymectomy for myasthenia gravis. European Journal of Cardio-Thoracic Surgery. 2007;31;501-4; discussion 504-5	13
9317	K. A. K. Guru, B. W.Pavlov-Shapiro, S.Bienko, M. B.Aftab, M. N.Brady, W. E.Mohler, J. L., Impact of robotics and laparoscopy on surgical skills: A comparative study. Journal of the American College of Surgeons. 2007;204;96-101	1
9318	A. J. G. Ball, B.Fabrizio, M. D.Davis, J. W.Given, R. W.Lynch, D. F.Shaves, M.Schellhammer, P. F., Prospective longitudinal comparative study of early health-related quality-of-life outcomes in patients undergoing surgical treatment for localized prostate cancer: a short-term evaluation of five approaches from a single institution. Journal of Endourology. 2006;20;723-31	12
9319	U. F. Parini, M.Brachet Contul, R.Millo, P.Loffredo, A.Allieta, R.Nardi, M., Jr.Lale-Murix, E., Laparoscopic gastric bypass performed with the Da Vinci Intuitive Robotic System: preliminary experience. Surgical Endoscopy. 2006;20;1851-7	12
9320	Y. J. N. Woo, E. A., Robotic minimally invasive mitral valve reconstruction yields less blood product transfusion and shorter length of stay. Surgery. 2006;140;263-7	13
9321	A. E. Pigazzi, J. D.Ballantyne, G. H.Paz, I. B., Robotic-assisted laparoscopic low anterior resection with total mesorectal excision for rectal cancer. Surgical Endoscopy. 2006;20;1521-5	12
9322	M. R. Lehnert, B.Beyer, P. A.Heller, K., A prospective study comparing operative time in conventional laparoscopic and robotically assisted Thal semifundoplication in children. Journal of Pediatric Surgery. 2006;41;1392-6	12
9323	J. J. L. Rhee, S.Smolkin, M.Theodorescu, D., Radical cystectomy with ileal conduit diversion: early prospective evaluation of the impact of robotic assistance. BJU International. 2006;98;1059-63	13
9324	I. E. M. Nakadi, C.Closset, J.DeMoor, V.Betroune, K.Feron, P.Lingier, P.Gelin, M., Evaluation of da Vinci Nissen fundoplication clinical results and cost minimization. World Journal of Surgery. 2006;30;1050-4	12
9325	P. W. Kornprat, G.Cerwenka, H.Bacher, H.El-Shabrawi, A.Rehak, P.Mischinger, H. J., Prospective study comparing standard and robotically assisted laparoscopic cholecystectomy. Langenbecks Archives of Surgery. 2006;391;216-21	12
9326	M. P. Morino, L.Giaccone, C.Garrone, C.Rebecchi, F., Randomized clinical trial of robot-assisted versus laparoscopic Nissen fundoplication. British Journal of Surgery. 2006;93;553-8	12
9327	R. E. B. Link, S. B.Kavoussi, L. R., A prospective comparison of robotic and laparoscopic pyeloplasty. Annals of Surgery. 2006;243;486-91	4

9328	T. G. Nazemi, A.Sterrett, S.Klingler, D.Smith, L.Balaji, K. C., Radical nephrectomy performed by open, laparoscopy with or without hand-assistance or robotic methods by the same surgeon produces comparable perioperative results. International Braz J Urol. 2006;32;15-22	13
9329	D. S. S. Yee, A. M.Duel, B. P.Rodriguez, E.Eichel, L.Rajpoot, D., Initial comparison of robotic-assisted laparoscopic versus open pyeloplasty in children. Urology. 2006;67;599-602	13
9330	T. V. Folliguet, F.Constantino, X.Realli, M.Laborde, F., Mitral valve repair robotic versus sternotomy. European Journal of Cardio-Thoracic Surgery. 2006;29;362-6	13
9331	J. C. N. Hu, R. A.Wilson, T. G.Kawachi, M. H.Ramin, S. A.Lau, C.Crocitto, L. E., Perioperative complications of laparoscopic and robotic assisted laparoscopic radical prostatectomy. Journal of Urology. 2006;175;541-6; discussion 546	12
9332	R. S. Berguer, W., An ergonomic comparison of robotic and laparoscopic technique: the influence of surgeon experience and task complexity. Journal of Surgical Research. 2006;134;87-92	1
9333	B. R. M. Sanchez, C. J.Morton, J. M.Safadi, B. Y.Alami, R. S.Curet, M. J., Comparison of totally robotic laparoscopic Roux-en-Y gastric bypass and traditional laparoscopic Roux-en-Y gastric bypass. Surgery for Obesity & Related Diseases. 2005;1;549-54	12
9334	J. v. D. Heemskerk, R.van Gemert, W. G.Beets, G. L.Greve, J. W.Jacobs, M. J.Bouvy, N. D., First results after introduction of the four-armed da Vinci Surgical System in fully robotic laparoscopic cholecystectomy. Digestive Surgery. 2005;22;426-31	12
9335	B. P. Challacombe, A.Glass, J.Aron, M.Jarrett, T.Kim, F.Pinto, P.Stoianovici, D.Smeeton, N.Tiptaft, R.Kavoussi, L.Dasgupta, P., A randomized controlled trial of human versus robotic and telerobotic access to the kidney as the first step in percutaneous nephrolithotomy. Computer Aided Surgery. 2005;10;165-71	7
9336	J. E. V. Bernie, R.Brown, J.Gardner, T. A.Sundaram, C. P., Comparison of laparoscopic pyeloplasty with and without robotic assistance. Journal of the Society of Laparoendoscopic Surgeons. 2005;9;258-61	13
9337	C. J. N. Mohr, G. S.Curet, M. J., Totally robotic Roux-en-Y gastric bypass. Archives of Surgery. 2005;140;779-86	12
9338	J. K.-R. Bodner, R.Lucciarini, P.Fish, J. H., 3rdSchmid, T., A critical comparison of robotic versus conventional laparoscopic splenectomies. World Journal of Surgery. 2005;29;982-5; discussion 985-6	12
9339	S. B. L. Bhayani, R. E.Varkarakis, J. M.Kavoussi, L. R., Complete daVinci versus laparoscopic pyeloplasty: cost analysis. Journal of Endourology. 2005;19;327-32	13
9340	J. A. T. Morgan, B. A.Peacock, J. C.Hollingsworth, K. W.Smith, C. R.Oz, M. C.Argenziano, M., Does robotic technology make minimally invasive cardiac surgery too expensive? A hospital cost analysis of robotic and conventional techniques. Journal of Cardiac Surgery. 2005;20;246-51	4
9341	T. M. N. Beste, K. H.Daucher, J. A., Total laparoscopic hysterectomy utilizing a robotic surgical system. Journal of the Society of Laparoendoscopic Surgeons. 2005;9;44694	5
9342	G. B. Woeste, W. O.Wullstein, C., Does telerobotic assistance improve laparoscopic colorectal surgery?. International Journal of Colorectal Disease. 2005;20;253-7	12
9343	M. B. Morino, G.Giraudo, G.Del Genio, G. M.Rebecchi, F.Garrone, C., Robot-assisted vs laparoscopic adrenalectomy: a prospective randomized controlled trial. Surgical Endoscopy. 2004;18;1742-6	13

9344	A. M. D'Annibale, E.Fiscon, V.Trevisan, P.Sovernigo, G.Orsini, C.Guidolin, D., Robotic and laparoscopic surgery for treatment of colorectal diseases. Diseases of the Colon & Rectum. 2004;47;95908	12
9345	K. M. Moorthy, Y.Dosis, A.Hernandez, J.Martin, S.Bello, F.Rockall, T.Darzi, A., Dexterity enhancement with robotic surgery. Surgical Endoscopy. 2004;18;790-5	4
9346	J. A. P. Morgan, J. C.Kohmoto, T.Garrido, M. J.Schanzer, B. M.Kherani, A. R.Vigilance, D. W.Cheema, F. H.Kaplan, S.Smith, C. R.Oz, M. C.Argenziano, M., Robotic techniques improve quality of life in patients undergoing atrial septal defect repair. Annals of Thoracic Surgery. 2004;77;1328-33	13
9347	D. B. Nio, R.Maartense, S.Guijt, M.Bemelman, W. A., The efficacy of robot-assisted versus conventional laparoscopic vascular anastomoses in an experimental model. European Journal of Vascular & Endovascular Surgery. 2004;27;283-6	7
9348	G. K. Muhlmann, A.Kirchmayr, W.Wykypiel, H.Unger, A.Holler, E.Nehoda, H.Aigner, F.Weiss, H. G., DaVinci robotic-assisted laparoscopic bariatric surgery: is it justified in a routine setting?. Obesity Surgery. 2003;13;848-54	12
9349	K. C. Hourmont, W.Pereira, S.Wasielewski, A.Davies, R.Ballantyne, G. H., Robotic versus telerobotic laparoscopic cholecystectomy: duration of surgery and outcomes. Surgical Clinics of North America. 2003;83;1445-62	3
9350	J. P. V. Ruurda, P. L.Broeders, I. A., Analysis of procedure time in robot-assisted surgery: comparative study in laparoscopic cholecystectomy. Computer Aided Surgery. 2003;8;44828	3
9351	C. P. L. Delaney, A. C.Senagore, A. J.Fazio, V. W., Comparison of robotically performed and traditional laparoscopic colorectal surgery. Diseases of the Colon & Rectum. 2003;46;1633-9	12
9352	M. D. Honl, O.Gauck, C.Carrero, V.Lampe, F.Dries, S.Quante, M.Schwieger, K.Hille, E.Morlock, M. M., Comparison of robotic-assisted and manual implantation of a primary total hip replacement. A prospective study. Journal of Bone & Joint Surgery - American Volume. 2003;85;1470-8	12
9353	A. S. Tewari, A.Menon, M.Members of the, V. I. P. Team, A prospective comparison of radical retropubic and robot-assisted prostatectomy: experience in one institution. BJU International. 2003;92;205-10	12
9354	G. F. G. Dakin, M., Comparison of laparoscopic skills performance between standard instruments and two surgical robotic systems. Surgical Endoscopy. 2003;17;574-9	5
9355	J. M. F. Goldberg, T., Laparoscopic microsurgical tubal anastomosis with and without robotic assistance. Human Reproduction. 2003;18;145-7	13
9356	M. T. Menon, A.Baize, B.Guillonneau, B.Vallancien, G., Prospective comparison of radical retropubic prostatectomy and robot-assisted anatomic prostatectomy: the Vattikuti Urology Institute experience. Urology. 2002;60;864-8	12
9357	M. T. P. Gettman, R.Neururer, R.Bartsch, G., A comparison of laparoscopic pyeloplasty performed with the daVinci robotic system versus standard laparoscopic techniques: initial clinical results. European Urology. 2002;42;453-7; discussion 457-8	13
9358	E. P. Le Bret, S.Folliguet, T.Carbognani, D.Petrie, J.Aggoun, Y.Batisse, A.Bachet, J.Laborde, F., Interruption of patent ductus arteriosus in children: robotically assisted versus videothoracoscopic surgery. Journal of Thoracic & Cardiovascular Surgery. 2002;123;973-6	12
9359	J. M. Bucerius, S.Walther, T.Falk, V.Doll, N.Noack, F.Holzhey, D.Diegeler, A.Mohr, F. W., Endoscopic internal thoracic artery dissection leads to significant reduction of pain after minimally invasive direct coronary artery bypass graft surgery. Annals of Thoracic Surgery. 2002;73;1180-4	2

9360	W. S. N. Melvin, B. J.Krause, K. R.Schneider, C.Ellison, E. C., Computer-enhanced vs. standard laparoscopic antireflux surgery. Journal of Gastrointestinal Surgery. 2002;6;11-5; discussion 15-6	12
9361	V. D. Falk, A.Walther, T.Banusch, J.Brucerius, J.Raumans, J.Autschbach, R.Mohr, F. W., Total endoscopic computer enhanced coronary artery bypass grafting. European Journal of Cardio-Thoracic Surgery. 2000;17;38-45	3
9362	Z. N. Al-Qurayshi, A. L.Buchakjian, M. R., Presentation and outcomes of patients with clinically T1-2, N0 supraglottic squamous cell carcinoma: The role of definitive radiotherapy compared to primary partial laryngectomy. Head and Neck. 2022;44(3);735-744	13
9363	M. C. B. Sweet, G. J.Manawar, S. S.Miladore, N., Comparison of Outcomes After Robotic-Assisted or Conventional Total Hip Arthroplasty at a Minimum 2-Year Follow-up: A Systematic Review. JBJS reviews. 2021;9;	8
9364	A. E. Lychagin, M.Rukin, Y.Elizarov, P.Rokityanskaya, A.Cherepanov, V.Drogin, A.Gritsyuk, A.Vyazankin, I., Robot-assisted Knee Arthroplasty: Randomized Clinical Trial. Open Access Macedonian Journal of Medical Sciences. 2022;Part B. 10;559-564	12
9365	L. S. Zheng, P.Jiang, Y.Fan, X.Yang, C.Zhang, L.Wang, Q., Outcomes and quality of life after Robot-assisted lobectomy/segmentectomy for lung cancer compared to video-assisted thoracoscopic surgery: both three-port procedures performed by a single surgeon. Journal of Thoracic Disease. 2022;14(3);689-698	13
9366	E. G. Asil, B.Koc, E.Ener, K.Canda, A. E.Atmaca, A. F., The results of patients undergoing partial nephrectomy for renal mass: robotic versus laparoscopic. Kuwait Medical Journal. 2022;54(1);39-44	13
9367	T. A. H. Burghgraef, J. C.Rutgers, M. L.Crolla, R. M. P. H.van Geloven, A. A. W.Hompes, R.Leijtens, J. W. A.Polat, F.Pronk, A.Smits, A. B.Tuynman, J. B.Verdaasdonk, E. G. G.Verheijen, P. M.Sietses, C.Consten, E. C. J., Laparoscopic Versus Robot-Assisted Versus Transanal Low Anterior Resection: 3-Year Oncologic Results for a Population-Based Cohort in Experienced Centers. Annals of Surgical Oncology. 2022;29(3);1910-1920	12
9368	T. G. Oshikiri, H.Horikawa, M.Urakawa, N.Hasegawa, H.Kanaji, S.Yamashita, K.Matsuda, T.Nakamura, T.Kakeji, Y., Incidence of Recurrent Laryngeal Nerve Palsy in Robot-Assisted Versus Conventional Minimally Invasive McKeown Esophagectomy in Prone Position: A Propensity Score-Matched Study. Annals of Surgical Oncology. 2021;28(12);7249-7257	13
9369	K. F. Takahara, K.Nukaya, T.Takenaka, M.Zennami, K.Ichino, M.Sasaki, H.Sumitomo, M.Shiroki, R., Perioperative and long-term functional outcomes of robot-assisted versus open partial nephrectomy: A single-center retrospective study of a Japanese cohort. Annals of Medicine and Surgery. 2022;75 (no pagination);	13
9370	T. H. Kojima, H.Shiomi, A.Kagawa, H.Yamaoka, Y.Manabe, S.Kato, S.Hanaoka, M., Comparison between robotic-assisted and laparoscopic sphincter-preserving operations for ultra-low rectal cancer. Annals of Gastroenterological Surgery.. 2022;;	12
9371	S. A. Yamada, T.Sazawa, A.Katano, H.Suzuki, H.Takeuchi, I.Ishizaki, J.Minami, K.Morita, K.Tsuchiya, K.Takada, N.Maru, S.Ishikawa, S.Sato, S.Kawazu, T.Yamashita, T.Ono, T.Mochizuki, T.Akino, T.Sasaki, Y.Shinno, Y.Furumido, J.Miyata, H.Kikuchi, H.Matsumoto, R.Osawa, T.Shinohara, N., Comparative study of postoperative complications after radical cystectomy during the past two decades in Japan: Radical cystectomy remains associated with significant postoperative morbidities. Urologic Oncology: Seminars and Original Investigations. 2022;40(1);11.e17-11.e25	3
9372	Z. R. Tully, J.Masson, A. T.Guyton, K. L.Packiam, V. T., Combined robotic radical prostatectomy and laparoscopic proctectomy for synchronous prostate and rectal cancer. Urology Case Reports. 2022;42 (no pagination);	5

9373	R. V. Abdu, A.Reddy, N.Huang, L. C.Halka, J. T.DeMare, A.Janczyk, R.Iacco, A., Hybrid robotic transversus abdominis release versus open: propensity-matched analysis of 30-day outcomes. Hernia. 2021;25(6);1491-1497	12
9374	S. S. Kamarajah, N.Sen, G.Hammond, J.Manas, D.French, J.White, S., Comparative analysis of open, laparoscopic and robotic distal pancreatic resection: The United Kingdom's first single-centre experience. Journal of Minimal Access Surgery. 2022;18(1);77-83	12
9375	M. F. Hikage, K.Kamiya, S.Tanizawa, Y.Bando, E.Terashima, M., Efficacy of minimally invasive distal gastrectomy for elderly patients with clinical stage I/IIA gastric cancer: a propensity-score matched analysis. Surgical Endoscopy. 2021;35(12);7082-7093	2
9376	Z. C. Li, X.Wang, X.Zhang, B.Wang, W.Fan, Y.Yan, J.Zhang, X.Zhao, Y.Lin, Y.Liu, J.Lin, J., HURWA robotic-assisted total knee arthroplasty improves component positioning and alignment - A prospective randomized and multicenter study. Journal of Orthopaedic Translation. 2022;33;31-40	12
9377	D. N. Orabi, R.Brundidge, D.Snyder, K.Gohar, M.Agarwal, D.Govindarajan, S.Tu, C.Fung, K.Argalious, M.Mathur, P.Asfaw, S. H., Postoperative Respiratory Failure After Elective Abdominal Surgery: A Case-Control Study. Journal of Surgical Research. 2022;274;160-168	3
9378	K. H. K. K. Kaya, A.Kayhan, F. T., Health-Related Quality-of-Life Outcomes after Transoral Robotic Surgery for T<inf>1</inf>and T<inf>2</inf>Supraglottic Laryngeal Carcinoma Compared to the Transcervical Open Supraglottic Approach. Orl.. 2022;;	9
9379	S. H. Hayashi, S.Kuroda, Y.Nakano, N.Matsumoto, T.Ishida, K.Shibanuma, N.Kuroda, R., Robotic-arm assisted THA can achieve precise cup positioning in developmental dysplasia of the hip: A case control study. Bone and Joint Research. 2021;10(10);629-638	3
9380	P. V. K. Rajan, A.Klika, A.Molloy, R.Krebs, V.Piuzzi, N. S., The Cost-Effectiveness of Robotic-Assisted Versus Manual Total Knee Arthroplasty: A Markov Model-Based Evaluation. The Journal of the American Academy of Orthopaedic Surgeons. 2022;30(4);168-176	5
9381	B. T. Christen, L.Ettinger, M.Bonnin, M. P.Koch, P. P.Calliess, T., Comparative Cost Analysis of Four Different Computer-Assisted Technologies to Implant a Total Knee Arthroplasty over Conventional Instrumentation. Journal of Personalized Medicine. 2022;12(2) (no pagination);	4
9382	A. M. B. Samar, A.Ranaboldo, C., Comparison of FreeHand robot-assisted with human-assisted laparoscopic fundoplication. Minimally Invasive Therapy and Allied Technologies. 2022;31(1);24-27	13
9383	F. C. A. Pardo Aranda, E.Cremades Perez, M.Zarate Pinedo, A., Pancreas anastomosis after laparoscopic and robotic pancreatoduodenectomy. Cirugia espanola. 2021;99(7);540	10
9384	V. R. Singh, J.Simcox, T.Rozell, J. C.Schwarzkopf, R.Davidovitch, R. I., Robotics Versus Navigation Versus Conventional Total Hip Arthroplasty: Does the Use of Technology Yield Superior Outcomes?. Journal of Arthroplasty. 2021;36(8);2801-2807	12
9385	M. M. Skrovina, M.Martinek, L.Bencurik, V.Dosoudil, M.Bartos, J.Andel, P.Hlavikova, H., Resekce rekta s totalni excizi mezorekta - laparoskopicky versus roboticky pristup, Total mesorectal excision for rectal cancer - laparoscopic versus robotic approach. Rozhledy v chirurgii : mesicnik Ceskoslovenske chirurgicke spolecnosti. 2021;100(11);527-532	6
9386	E. G. Ozbasli, M., Comparison of perioperative outcomes among robot-assisted, conventional laparoscopic, and abdominal/ open myomectomies. Journal of the Turkish German Gynecology Association. 2021;22(4);312-318	13

9387	W. C. Deng, R.Zhu, K.Cheng, X.Xiong, Y.Liu, W.Zhang, C.Li, Y.Jiang, H.Zhou, X.Sun, T.Chen, L.Liu, X.Wang, G.Fu, B., Functional Preservation and Oncologic Control following Robot-Assisted versus Laparoscopic Radical Prostatectomy for Intermediate- and High-Risk Localized Prostate Cancer: A Propensity Score Matched Analysis. Journal of Oncology. 2021;2021 (no pagination);	12
9388	M. L. D. Rutgers, R.Roodbeen, S. X.Crolla, R. M.Dekker, J. W. T.Tuynman, J. B.Sietses, C.Bemelman, W. A.Tanis, P. J.Hompes, R., Influence of Minimally Invasive Resection Technique on Sphincter Preservation and Short-term Outcome in Low Rectal Cancer in the Netherlands. Diseases of the colon and rectum. 2021;64(12);1488-1500	5
9389	F. B. Ghidini, G.Gnech, M.Contini, G.Escolino, M.Esposito, C.Capozza, N.Berrettini, A.Masieri, L.Castagnetti, M., Comparison of Cosmetic Results in Children >10-Year-Old Undergoing Open, Laparoscopic, or Robotic-Assisted Pyeloplasty: A Multicentric Study. The Journal of urology. 2021;;101097JU0000000000002385	4
9390	J. G. Crippa, F.Dozois, E. J.Mathis, K. L.Merchea, A.Colibaseanu, D. T.Kelley, S. R.Larson, D. W., Robotic Surgery for Rectal Cancer Provides Advantageous Outcomes over Laparoscopic Approach Results from a Large Retrospective Cohort. Annals of Surgery. 2021;274(6);E1218-E1222	12
9391	D. F. Yeroushalmi, J.Nherera, L.Trueman, P.Schwarzkopf, R., Early Economic Analysis of Robotic-Assisted Unicondylar Knee Arthroplasty May Be Cost Effective in Patients with End-Stage Osteoarthritis. Journal of Knee Surgery. 2022;35(1);39-46	4
9392	S. M. C. Rusli, J. M.Piozzi, G. N.Kim, S. H., Laparoscopic and robotic-assisted mesh pelvic closure for locally advanced and recurrent colorectal cancer. Journal of Surgical Case Reports. 2021;2021(11) (no pagination);	5
9393	T. T. Nagai, K.Isobe, T.Matsuyama, N.Hattori, T.Unno, R.Kato, T.Etani, T.Hamakawa, T.Fujii, Y.Ikegami, Y.Kamiya, H.Hamamoto, S.Nakane, A.Ando, R.Maruyama, T.Okada, A.Kawai, N.Yasui, T., P0171 A multicenter, propensity score-matched retrospective study of preventing postoperative infection in robotic and laparoscopic minimally invasive surgeries; double- versus single-gloving. European Urology. 2021;79(Supplement 1);S245-S246	4
9394	R. M. Malizia, N.Irani, J.Yoo, J.Bleday, R.Goldberg, J. E., Robotic En Bloc Low Anterior Resection of Rectosigmoid with Partial Cystectomy for Rectosigmoid Cancer. Gastroenterology. 2021;160(6 Supplement);S-888	8
9395	E. R. Olecki, M.Dixon, M.Gusani, N.Peng, J. S., Robotic Total and Subtotal Gastrectomy: Improved Oncologic Outcomes and Decreased Readmissions. Gastroenterology. 2021;160(6 Supplement);S-928-S-929	8
9396	A. M. N.-S. Salehi, L.Wilms, T.Vallin, S.Boldrup, L.Sgaramella, N.Majlesi, M.Nezafat, S.Nylander, K., Comparison of Quality of Life among Patients with Oro-Hypopharyngeal Cancer after Tonsillectomy and Panscopy Using Transoral Robotic Surgery: A Pilot Study. Case Reports in Oncology. 2020;13(3);1295-1303	3
9397	T. T. Koythong, B.Sunkara, S.Erfani, H.Delgado, S.Guan, X., Surgical Outcomes of Hysterectomy via Robot-assisted versus Traditional Transvaginal Natural Orifice Transluminal Endoscopic Surgery. Journal of Minimally Invasive Gynecology. 2021;28(12);2028-2035	13
9398	D. D. M. Nguyen, S. S.Zorn, K. C.Misrai, V.Elterman, D.Bhojani, N., Which Anatomic Structures Should Be Preserved During Aquablation Contour Planning to Optimize Ejaculatory Function? A Case-control Study Using Ultrasound Video Recordings to Identify Surgical Predictors of Postoperative Anejaculation. Urology. 2021;153;250-255	3
9399	J. C. L. Kim, J. L.Yoon, Y. S.Kim, H. M.Kim, C. W.Park, I. J.Aldilaijan, A. F.Lim, S. B., Entirely robot-assisted total colectomy/total proctocolectomy compared with a laparoscopic approach. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2021;31(4);428-433	12

9400	T. K. Iwata, Y.Maruyama, Y.Kawada, T.Sadahira, T.Oiwa, Y.Katayama, S.Nishimura, S.Takamoto, A.Sako, T.Wada, K.Edamura, K.Araki, M.Watanabe, M.Watanabe, T.Nasu, Y., Comparison of intracorporeal versus extracorporeal urinary diversion after robot-assisted radical cystectomy at a medium-sized facility. International Journal of Clinical Oncology. 2021;26(9);1714-1721	3
9401	J. D. L. Yang, K. W.Kim, J. M.Kim, M. S.Lee, J. G.Kang, K. J.Choi, D. L.Kim, B. W.Ryu, J. H.Kim, D. S.Hwang, S.Choi, I. S.Cho, J. Y.Nah, Y. W.You, Y. K.Hong, G.Yu, H. C., A comparative study of postoperative outcomes between minimally invasive living donor hepatectomy and open living donor hepatectomy: The Korean organ transplantation registry. Surgery (United States). 2021;170(1);271-276	2
9402	M. T. Borghesi, C., Robotic versus Traditional Laparoscopic Approach for Posterior Retroperitoneal Adrenalectomy: A Critical Appraisal and Balance Between Perioperative Outcomes and Costs. Journal of Investigative Surgery. 2021;34(11);1254-1255	8
9403	L. T. Procopiuc, S.Manuc, M.Diculescu, M.Vasilescu, C., Open vs robotic radical gastrectomy for locally advanced gastric cancer⁺. International Journal of Medical Robotics and Computer Assisted Surgery.. 2015;;	12
9404	S. J. J. Kim, C. H.Jung, Y. J.Seo, H. S.Lee, H. H.Song, K. Y., Hybrid robotic and laparoscopic gastrectomy for gastric cancer: Comparison with conventional laparoscopic gastrectomy. Journal of Gastric Cancer. 2021;21(3);308-318	12
9405	C. H. Borgfeldt, E.Marcickiewicz, J.Stalberg, K.Tholander, B.Lundqvist, E. A.Floter-Radestad, A.Bjurberg, M.Dahm-Kahler, P.Hellman, K.Hjerpe, E.Kjolhede, P.Rosenberg, P.Hogberg, T., Survival in endometrial cancer in relation to minimally invasive surgery or open surgery - a Swedish Gynecologic Cancer Group (SweGCG) study. BMC Cancer. 2021;21(1) (no pagination);	2
9406	M. P. H. Crizer, A.Battenberg, A.McGrath, M.Sutton, R.Lonner, J. H., Robotic Assistance in Unicompartmental Knee Arthroplasty Results in Superior Early Functional Recovery and Is More Likely to Meet Patient Expectations. Advances in Orthopedics. 2021;2021 (no pagination);	12
9407	R. G. K. Garcia, M.Falsarella, P. M.Malheiros, D. T.Fukumoto, H.Lemos, G. C.Teich, V.Salvalaggio, P. R., Percutaneous Cryoablation versus Robot-Assisted Partial Nephrectomy of Renal T1A Tumors: a Single-Center Retrospective Cost-Effectiveness Analysis. CardioVascular and Interventional Radiology. 2021;44(6);892-900	3
9408	N. A. R. Pickersgill, N. S.Kim, E. H.Black, R. G.Du, K.Figenshau, R. S., Post-chemotherapy Laparoscopic Retroperitoneal Lymph Node Dissection for Mixed Malignant Germ Cell Testicular Tumors. Clinical Genitourinary Cancer. 2021;19(3);273.e1-273.e5	3
9409	V. R. Arthursson, R.Norlin, J. M.Gralen, K.Toth, E.Syk, I.Thorlacius, H.Ronnow, C. F., Cost comparisons of endoscopic and surgical resection of stage T1 rectal cancer. Endoscopy International Open. 2021;9(10);E1512-E1519	3
9410	C. C. C. Li, C. H.Huang, C. P.Hong, J. H.Huang, C. Y.Chen, I. H. A.Lin, J. T.Lo, C. W.Yu, C. C.Tseng, J. S.Lin, W. R.Wu, W. C.Chung, S. D.Hsueh, T. Y.Chiu, A. W.Chen, Y. T.Chen, S. H.Jiang, Y. H.Tsai, Y. C.Chiang, B. J.Lin, W. Y.Jou, Y. C.Wu, C. C.Lee, H. Y.Yeh, H. C., Comparing Oncological Outcomes and Surgical Complications of Hand-Assisted, Laparoscopic and Robotic Nephroureterectomy for Upper Tract Urothelial Carcinoma. Frontiers in Oncology. 2021;11 (no pagination);	12
9411	K. G. F. Sands, R. S.Vetter, J.Paradis, A.Pierce, A.Kim, E. H.Du, K.Chow, A.Venkatesh, R., Contemporary Pure Laparoscopic italic toggle="yes">vs Robot-Assisted Laparoscopic Radical Nephrectomy: Is the Transition Worth It?. Journal of Endourology. 2021;35(10);1526-1532	13

9412	Y. Z. Lin, Y.Luo, L.Zhang, X., Clinical effect of robot-assisted radical cystectomy in bladder cancer. American Journal of Translational Research. 2021;13(9);10545-10553	13
9413	J. M. M. Cho, K. T.Lee, J. H.Choi, J. D.Kang, J. Y.Yoo, T. K., Open simple prostatectomy and robotic simple prostatectomy for large benign prostatic hyperplasia: Comparison of safety and efficacy. Prostate International. 2021;9(2);101-106	13
9414	Y. D. Xiong, W.Chen, R.Liu, X.Zhu, K.Wang, J.Long, J.Jiang, H.Chen, L.Fu, B., Robot-Assisted versus Laparoscopic Partial Nephrectomy for Giant Sporadic Renal Angiomyolipomas of >=7 cm: A Propensity Score-Matched Analysis. Journal of Oncology. 2021;2021 (no pagination);	13
9415	S. I. P. Kim, D. C.Lee, S. J.Song, M. J.Kim, C. J.Lee, H. N.Yoon, J. H., Survival rates of patients who undergo minimally invasive surgery for endometrial cancer with cervical involvement. International Journal of Medical Sciences. 2021;18(10);2204-2208	2
9416	I. W. Perets, J. P.Mu, B. H.Mansor, Y.Rosinsky, P. J.Maldonado, D. R.Lall, A. C.Domb, B. C., Short-term clinical outcomes of robotic- arm assisted total hip arthroplasty: A pair-matched controlled study. Orthopedics. 2021;44(2);E236-E242	12
9417	Y. S. P. Wong, K. K. Y.Tam, Y. H., Comparing Robot-Assisted Laparoscopic Pyeloplasty vs. Laparoscopic Pyeloplasty in Infants Aged 12 Months or Less. Frontiers in Pediatrics. 2021;9 (no pagination);	13
9418	S. Y. C. Wu, C. L.Chen, C. I.Huang, C. C., Comparison of Acute and Chronic Surgical Complications following Robot-Assisted, Laparoscopic, and Traditional Open Radical Prostatectomy among Men in Taiwan. JAMA Network Open. 2021;4(8) (no pagination);	12
9419	X. F. Dai, S.Hao, H.Yang, K.Shen, C.Xiong, G.Cui, L.Li, X.Zhou, L., Comparison of KD-SR-01 robotic partial nephrectomy and 3D-laparoscopic partial nephrectomy from an operative and ergonomic perspective: A prospective randomized controlled study in porcine models. International Journal of Medical Robotics and Computer Assisted Surgery. 2021;17(2) (no pagination);	7
9420	H. Y. K. Liu, C. H.Wang, H. J.Chen, C. H.Luo, H. L.Chen, Y. T.Cheng, Y. T.Chiang, P. H., Comparison of robot-assisted laparoscopic partial nephrectomy with laparoscopic cryoablation in the treatment of localised renal tumours: A propensity score-matched comparison of long-term outcomes. Diagnostics. 2021;11(5) (no pagination);	3
9421	J. H. S. Weinberg, A.Sajja, K.Gooch, M. R.Herial, N.Tjoumakaris, S.Rosenwasser, R. H.Jabbour, P., Comparison of robotic-assisted carotid stenting and manual carotid stenting through the transradial approach. Journal of Neurosurgery. 2021;135(1);21-28	12
9422	T. S. Zhang, Z.Zhang, Y.Ji, X.Jing, X.Shi, Y.Cheng, X.Zhao, R., Single-docking robotic-assisted artery-guided segmental splenic flexure colectomy for splenic flexure cancer -a propensity score-matching analysis. Journal of Gastrointestinal Oncology. 2021;12(3);944-952	12
9423	E. L. M. Moss, G.Martin, A.Sarhanis, P.Ind, T., Economic evaluation of different routes of surgery for the management of endometrial cancer: A retrospective cohort study. BMJ Open. 2021;11(5) (no pagination);	4
9424	B. K. P. S. Goh, N.Koh, Y. X.Teo, J. Y.Cheow, P. C.Jeyaraj, P. R.Chow, P. K. H.Ooi, L. L. P. J.Chung, A. Y. F.Chan, C. Y., Comparison between short and long-term outcomes after minimally invasive versus open primary liver resections for hepatocellular carcinoma: A 1:1 matched analysis. Journal of Surgical Oncology. 2021;124(4);560-571	4

9425	J. N. Jung, J. J.Choi, C. H.Kim, T. J.Lee, J. W.Kim, B. G.Bae, D. S.Lee, Y. Y., Minimally-Invasive Versus Abdominal Hysterectomy for Endometrial Carcinoma With Glandular or Stromal Invasion of Cervix. Frontiers in Oncology. 2021;11 (no pagination);	4
9426	E. S. Guner, S., Comparison of robotic and laparoscopic partial nephrectomy in robotic surgery era. Bulletin of Urooncology. 2019;18(4);154-157	13
9427	T. K. Uemura, T.Nagahara, A.Kawashima, A.Hatano, K.Ujike, T.Ono, Y.Higashihara, H.Fujita, K.Fukuhara, S.Kiuchi, H.Imamura, R.Tomiyama, N.Nonomura, N.Uemura, M., Therapeutic and clinical outcomes of robot-assisted partial nephrectomy versus cryoablation for T1 renal cell carcinoma. In Vivo. 2021;35(3);1573-1579	3
9428	T. S. Zhang, Z.Zhang, Y.Ye, F.Cheng, X.Wang, S.Jing, X.Ji, X.Zhao, R., Single-docking robotic assisted proctectomy for rectal cancer below peritoneal reflection: A propensity score matching analysis. Annals of Translational Medicine. 2021;9(12) (no pagination);	12
9429	S. F. Cheng, S.Wang, J.Xiong, S.Xu, Y.Li, Z.Guan, H.Zhang, P.Zhu, H.Huang, C.Zhang, L.Yang, K.Li, X.Zhou, L., Laparoscopic and robotic ureteroplasty using onlay flap or graft for the management of long proximal or middle ureteral strictures: our experience and strategy. International Urology and Nephrology. 2021;53(3);479-488	13
9430	V. V. C. Simianu, T.Gaertner, W. B.Sklow, B.Kuntz, K. M.Kwaan, M. R.Madoff, R. D.Jensen, C. C., A Cost-Effectiveness Evaluation of Surgical Approaches to Proctectomy. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2021;25(6);1512-1523	4
9431	X. K. X. Li, Y.Zhou, H.Cong, Z. Z.Wu, W. J.Qiang, Y.Shen, Y., Does robot-assisted minimally invasive oesophagectomy have superiority over thoraco-laparoscopic minimally invasive oesophagectomy in lymph node dissection?. Diseases of the esophagus : official journal of the International Society for Diseases of the Esophagus. 2021;34;	8
9432	N. J. B. Lee, V.Mathew, J.Marciano, G.Fields, M.Buchana, I. A.Zuckerman, S. L.Park, P. J.Leung, E.Lombardi, J. M.Lehman, R. A., Does robot-assisted spine surgery for multi-level lumbar fusion achieve better patient-reported outcomes than free-hand techniques?. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management. 2021;25 (no pagination);	12
9433	A. M. Z. Selim, A. S.Aboulkassem, H. A.Fergany, A. F.Abdelmaksoud, A. M.Fadlalla, W. M.Abd Elhakim, M. A.Allam, R. M., Minimally invasive approach in surgical management of renal neoplasms national cancer institute experience. Open Access Macedonian Journal of Medical Sciences. 2020;8(B);1071-1076	2
9434	S. I. M. Scott, A. K. O.Rubek, N.Kehlet, H.von Buchwald, C., Days alive and out of hospital after treatment for oropharyngeal squamous cell carcinoma with primary transoral robotic surgery or radiotherapy-a prospective cohort study. Acta Oto-Laryngologica. 2021;141(2);193-196	13
9435	J. P. Siripalangkanont, K., Comparison of Treatment Outcomes between Laparoscopic and Robot-Assisted Laparoscopic Radical Prostatectomy in Clinically Localized Prostate Cancer, A Single-Surgeon Experience. Journal of the Medical Association of Thailand. 2020;103(12);1300-1308	12
9436	O. G. Takmaz, M., Robotic versus laparoscopic hysterectomy; comparison of early surgical outcomes. Journal of the Turkish German Gynecology Association. 2020;21(4);260-264	13
9437	J. H. S. Lonner, A. D.Charters, M. A.North, W. T.Cafferky, N. L.Durbhakula, S. M.Kamath, A. F., Improved accuracy and reproducibility of a novel CT-free robotic surgical assistant for medial unicompartmental knee arthroplasty compared to conventional instrumentation: a cadaveric study. Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA.. 2021;13;	7

9438	G. G. Ferrandina, V.Federico, A.Fanfani, F.Ercoli, A.Chiantera, V.Cosentino, F.Turco, L. C.Legge, F.Anchora, L. P.Bizzarri, N.Moroni, R.Macchia, G.Valentini, V.Scambia, G., Minimally Invasive Approaches in Locally Advanced Cervical Cancer Patients Undergoing Radical Surgery After Chemoradiotherapy: A Propensity Score Analysis. Annals of Surgical Oncology. 2021;28(7);3616-3626	2
9439	A. H. Chopra, J. C.Olson, A.Burton, S.Ellsworth, S. G.Bahary, N.Singhi, A. D.Boone, B. A.Beane, J. D.Bartlett, D.Lee, K. K.Hogg, M. E.Lotze, M. T.Paniccia, A.Zeh, H.Zureikat, A. H., Outcomes of Neoadjuvant Chemotherapy Versus Chemoradiation in Localized Pancreatic Cancer: A Case-Control Matched Analysis. Annals of Surgical Oncology. 2021;28(7);3779-3788	2
9440	M. S. S. Boga, M. G.Karamik, K.Ozsoy, C.Aydin, A.Savas, M.Ates, M., Long-term outcomes of minimally invasive surgeries in partial nephrectomy. Robot or laparoscopy?. International Journal of Clinical Practice. 2021;75(2) (no pagination);	13
9441	E. L. Acevedo, X.Zhao, H.Mazzei, M.Sarvepalli, S.Edwards, M. A., Outcomes in racial minorities after robotic Roux-en-Y gastric bypass and sleeve gastrectomy: a retrospective review of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program database. Surgery for Obesity and Related Diseases. 2021;17(3);595-605	4
9442	T. U. Tanaka, S.Miyamoto, S.Terada, S.Konishi, H.Kogata, Y.Fujiwara, S.Tanaka, Y.Taniguchi, K.Komura, K.Ohmichi, M., Short-term outcomes for patients with endometrial cancer who received robot-assisted modified radical hysterectomy: A retrospective observational study. European Journal of Gynaecological Oncology. 2021;42(1);90-95	13
9443	R. F. B. Brown, K.Rajkumar, D.Battaglia, M. A.Cleary, R. K., Postoperative Pain after Enhanced Recovery Pathway Robotic Colon and Rectal Surgery: Does Specimen Extraction Site Matter?. Diseases of the Colon and Rectum. 2021;;735-743	3
9444	D. K. T. Pal, A. K.Maiti, K., Retrospective study on safety and efficacy of transperitoneal laparoscopic surgery and open surgery for retrocaval ureter. Journal of Clinical and Diagnostic Research. 2021;15(4);PC31-PC33	2
9445	J. N. Xu, H.Wu, Y.Cao, J.Han, X.Liu, L.Fu, X.Li, Y.Li, X.Xu, L.Liu, Y.Zhao, H.Liu, D.Peng, X.Hu, J., Perioperative comparison of video-assisted thoracic surgery and open lobectomy for pT1-stage non-small cell lung cancer patients in China: A multi-center propensity score-matched analysis. Translational Lung Cancer Research. 2021;10(1);402-414	2
9446	A. B. Seidenstein, M.Foran, J.Ogden, S., Better accuracy and reproducibility of a new robotically-assisted system for total knee arthroplasty compared to conventional instrumentation: a cadaveric study. Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA. 2021;29(3);859-866	7
9447	K. E. M.-K. Laitakari, J. K.Paakko, E.Kata, I.Ohtonen, P.Makela, J.Rautio, T. T., Restored pelvic anatomy is preserved after laparoscopic and robot-assisted ventral rectopexy: MRI-based 5-year follow-up of a randomized controlled trial. Colorectal Disease. 2020;22(11);1667-1676	12
9448	M. D. B. Levine, J.Crane, E. K.Tait, D. L.Naumann, R. W., Outcomes of Minimally Invasive versus Open Radical Hysterectomy for Early Stage Cervical Cancer Incorporating 2018 FIGO Staging. Journal of Minimally Invasive Gynecology. 2021;28(4);824-828	4
9449	S. J. Gholami, S. J.Lee, S. Y.Mashayekhi, K.Goh, B. K. P.Chan, C. Y.Nuno, M. A.Gonen, M.Balachandran, V. P.Allen, P. J.Drebin, J. A.Jarnagin, W. R.D' Angelica M.IKingham, T. P., Is minimally invasive surgery of lesions in the right superior segments of the liver justified? A multi-institutional study of 245 patients. Journal of Surgical Oncology. 2020;122(7);1428-1434	4

9450	A. N. Koizumi, S.Nara, T.Takayama, K.Kanda, S.Numakura, K.Tsuruta, H.Maeno, A.Huang, M.Saito, M.Inoue, T.Tsuchiya, N.Satoh, S.Nanjo, H.Habuchi, T., Incidence and location of positive surgical margin among open, laparoscopic and robot-assisted radical prostatectomy in prostate cancer patients: A single institutional analysis. Japanese Journal of Clinical Oncology. 2018;48(8);765-770	4
9451	S. S. Raghavan, D. K.Rohila, J.DeSouza, A.Engineer, R.Ramaswamy, A.Ostwal, V.Saklani, A., Outcomes of Definitive Treatment of Signet Ring Cell Carcinoma of the Rectum: Is Minimal Invasive Surgery Detrimental in Signet Ring Rectal Cancers?. Indian Journal of Surgical Oncology. 2020;11(4);597-603	4
9452	C. J. M. Wijburg, C. T. J.Hannink, G.Grutters, J. P. C.Rovers, M. M.Alfred Witjes, J.Witjes, J. A.van Onna, I. E. W.Barten, E. J.Koldewijn, E. L.Boormans, J. L.Wijsman, B. P.Nooter, R. I.Zwaan, P. J.Slaa, E. T.Meer, S. V. D.Klaver, S. O.Fossion, L. M. C. L.Bos, S. D.Melick, H. H. E. V.Leliveld, A. M.Meijer, R. P.Vis, A. N.Molijn, G. J.Berendsen, C. L.Oddens, J. R., Robot-assisted Radical Cystectomy Versus Open Radical Cystectomy in Bladder Cancer Patients: A Multicentre Comparative Effectiveness Study[Formula presented]. European Urology. 2021;79(5);609-618	13
9453	S. Z. Wei, X.Cui, H.Zhang, L.Gong, Z.Li, L.Ren, T.Gao, C.Jiang, S., Comparison of clinical outcomes between robotic and thoracoscopic mitral valve repair. Cardiovascular Diagnosis and Therapy. 2020;10(5);1167-1174	13
9454	M. E. Mazzei, M. A., Poor glycemic control in bariatric patients: a reason to delay or a reason to proceed?. Surgery for Obesity and Related Diseases. 2021;17(4);744-755	3
9455	E. S. Esposito, C.Pace, U.Costanzo, R.di Giacomo, R., Debulking mastectomy with electrochemotherapy: a case report of no surgery approach to recurrent breast cancer. Translational Cancer Research. 2021;10(2);1144-1149	2
9456	N. O. Koksal, O. F.Unal, E.Kabak, I.Demirpolat, M. T.Kiran, G., Robotic low anterior resection and TAH+BSO with transvaginal NOSE. Turkish Journal of Colorectal Disease. 2021;31(1);86-87	8
9457	P. G. Sasankan, T. C.Narula, N.Cerfolio, R., Robotic Resection of a Combined Capillary and Arteriovenous Malformation in the Mediastinum. Annals of Thoracic Surgery. 2021;111(3);e189-e191	8
9458	S. F. Yajima, S.Kakuta, T.Fujita, T., Robotic mitral valve repair for rheumatic mitral stenosis and regurgitation: A case report. European Heart Journal - Case Reports. 2020;4(1);44567	3
9459	J. P. O. Xia, T. J.Rosen, S. A., Robotic-assisted surgery for complicated and non-complicated diverticulitis: a single-surgeon case series. Journal of Robotic Surgery. 2019;13(6);765-772	3
9460	R. L. J. Steinberg, B. A.Cadeddu, J. A., Magnetic-assisted robotic surgery: initial case series of reduced-port robotic prostatectomy. Journal of Robotic Surgery. 2019;13(4);599-603	3
9461	D. L. Mattevi, L. G.Mantovani, W.Cai, T.Chiodini, S.Vattovani, V.Puglisi, M.Malossini, G., Fluorescence-guided selective arterial clamping during RAPN provides better early functional outcomes based on renal scan compared to standard clamping. Journal of Robotic Surgery. 2019;13(3);391-396	3
9462	B. A. Onan, U.Kadirogullari, E.Ozturk, E., Robotic repair of left-sided partial anomalous pulmonary venous connection to the coronary sinus. Journal of Robotic Surgery. 2019;13(2);319-323	3

9463	S. V. S. Shchekaturov, I. V.Zokoev, A. K.Makhmudov, T. B.Poghosyan, R. R., Robot-Assisted kidney transplantation first experience. Vestnik Transplantologii i Iskusstvennykh Organov. 2020;22(2);105-110	3
9464	A. P. Ayravainen, A.Ahvenainen, T.Heikkinen, T.Pakarinen, P.Harkki, P.Vahteristo, P., Systematic molecular and clinical analysis of uterine leiomyomas from fertile-aged women undergoing myomectomy. Human Reproduction. 2020;35(10);2237-2244	8
9465	F. G. El-Sharkawy, V.Plerhoples, T. A.Liu, C.Emery, E. L.Collins, D. T.Bijelic, L., Minimally invasive surgery for T4 colon cancer is associated with better outcomes compared to open surgery in the National Cancer Database. European Journal of Surgical Oncology. 2021;47(4);818-827	4
9466	C. C. L. Foo, W. K.Lui, T. K. L.Cheung, J. L. K.Lam, K. W.Sreedhar, B.Yeung, C. K., Feasibility study of a single-use balloon-assisted robotic colonoscope in healthy volunteers. Endoscopy International Open. 2021;9(4);E537-E542	3
9467	S. D. A. Manno, L.Cicione, A.Spasari, A., Safety and efficacy of transperitoneal laparoscopic nephron sparing surgery in patients with previous abdominal surgery. Urologia Journal. 2021;88(1);14-20	2
9468	T. M. Ross, A.Awad, Z., Oligometastatic renal cell carcinoma in the palatine tonsil: Successful resection using trans-oral robotic surgery. BMJ Case Reports. 2020;13(12) (no pagination);	3
9469	W. W. Krajewski, J.Dembowski, J.Zdrojowy, R.Szydelko, T., Hydronephrosis in the course of ureteropelvic junction obstruction: An underestimated problem? Current opinions on the pathogenesis, diagnosis and treatment. Advances in Clinical and Experimental Medicine. 2017;26(5);857-864	3
9470	W. D. Shigeeda, H.Tomoyasu, M.Kudo, S.Kaneko, Y.Kanno, H.Saito, H., Utility of the powered stapler for radical pulmonary resection: a propensity score-matched analysis. Surgery Today. 2021;51(4);582-588	2
9471	M. F. H. Wunderle, N.Wagener, N.Kowalewski, K. F.Nuhn, P.Walach, M. T.Kriegmair, M. C., Prospective geriatric assessment for perioperative risk stratification in partial nephrectomy. European Journal of Surgical Oncology. 2021;47(4);913-919	3
9472	C. M. Uwins, A.Skene, S. S.Bhandoria, G.Wiggans, A. J.Butler-Manuel, S., Minimally invasive surgery (robotic or laparoscopic) versus laparotomy for advanced ovarian cancer. Cochrane Database of Systematic Reviews. 2021;2021(2) (no pagination);	5
9473	I. A. D. Elliott, M.Dobaria, V.Vaseghi, M.Ajijola, O. A.Shivkumar, K.Hoftman, N. N.Benharash, P.Lee, J. M.Yanagawa, J., Minimally Invasive Bilateral Stellate Ganglionectomy for Refractory Ventricular Tachycardia. Annals of Thoracic Surgery. 2021;111(4);e295-e296	8
9474	N. D. G. Clement, P.Bell, A.Simpson, P.Macpherson, G.Hamilton, D. F.Patton, J. T., Robotic arm-assisted versus manual total hip arthroplasty a propensity score matched cohort study. Bone and Joint Research. 2020;10(1);22-30	12
9475	A. K. Simsir, F.Aliyev, B.Kalemci, S., Comparison of robotic and open radical prostatectomy: Initial experience of a single surgeon. Pakistan Journal of Medical Sciences. 2020;37(1);44569	12
9476	Y. W. Feng, J.Li, X.Meng, L.Rao, Y.Yang, F., The intraoral growth patterns of parapharyngeal tumors: A proposed classification system. Ear, Nose and Throat Journal.. 2021;;	3
9477	M. M. Buchbender, M.Neukam, F. W.Kesting, M. R.Attia, S.Schmitt, C. M., Kobra surgery simulator-a possibility to improve digital teaching? A case-control study. International Journal of Environmental Research and Public Health. 2021;18(4);44572	2

9478	R. D. Madan, C. B.Khosla, D.Goyal, S.Yadav, A. K., Erectile dysfunction and cancer: Current perspective. Radiation Oncology Journal. 2020;38(4);217-225	2
9479	R. P. B. Seddighzadeh, S.Tzeng, J.Serur, A., Malignant triton tumor below the peritoneal reflection: A case report. Journal of Surgical Case Reports. 2020;2020(6);44565	2
9480	P. B. J. Nebot, Y.Haylett, K.Stone, R.McCloy, R., Comparison of Task Performance of the Camera-Holder Robots EndoAssist and Aesop. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2003;13(5);334-338	3
9481	A. K. Fife, O. R.Grantham, M.DiVito, J.Hebert, T.Kuo, D. Y. S., Inflammatory reaction to BioGlueTM masquerading as recurrence in patients with endometrial cancer: A report of two cases. Gynecologic Oncology Reports. 2020;34 (no pagination);	8
9482	G. A. Torregrossa, A.Balkhy, H. H., Totally robotic sutured coronary artery bypass grafting: How we do it. JTCVS Techniques. 2020;3;170-172	8
9483	M. W. Seco, J.Wilson, M. K., COVIDSafe thoracic surgery: Minimizing intraoperative exposure to aerosols. JTCVS Techniques. 2020;3;412-414	8
9484	D. W. Sef, L. M.Rankin, J. S.Spear, C. R.Gustafson, R. A.Badhwar, V., Robotic-assisted two-patch repair of right partial anomalous pulmonary venous connection and sinus venosus defect. JTCVS Techniques. 2020;4;262-264	8
9485	A. A. H. Winters, M. E., To intervene or not to intervene: Lessons learned from completion angiography after robotic-assisted coronary bypass surgery. JTCVS Techniques. 2020;3;190-193	8
9486	J. L. Kahle, J., A disappearing abdominal mass in a teenage female. SAGE Open Medical Case Reports. 2020;8;	3
9487	S. V. N. K. Phong, L. K. D., Anaesthesia for robotic-assisted radical prostatectomy: Considerations for laparoscopy in the Trendelenburg position. Anaesthesia and Intensive Care. 2007;35(2);281-285	5
9488	Z. L. Shafaee, S.Fiel, M. I.Blue, R., Giant pedunculated hepatocellular adenoma masquerading as a subdiaphragmatic mass: Diagnostic challenges of a rare tumor. Radiology Case Reports. 2021;16(1);84-89	3
9489	A. G. Pal, V.Mehra, C., Perioperative challenges and neuromuscular blockade concerns in robotic thymectomy for myasthenia gravis. Brazilian Journal of Anesthesiology. 2020;70(5);549-552	3
9490	G. J. Garside, D.Pitiyage, G.Ofo, E., Non-sebaceous lymphadenoma of the submandibular gland: Diagnostic challenges in the head and neck cancer pathway. BMJ Case Reports. 2020;13(11) (no pagination);	2
9491	Y. J. Xie, Y.Yang, X. B.Wang, A. Q.Zheng, Y. C.Wan, X. S.Sang, X. T.Wang, K.Zhang, D. D.Xu, J. J.Li, F. G.Zhao, H. T., Response of BRCA1-mutated gallbladder cancer to olaparib: A case report. World Journal of Gastroenterology. 2016;22(46);10254-10259	2
9492	T. B. Foster, I.McKenzie, T.Dy, B.Thompson, G.Lyden, M., Early assessment of postoperative adrenal function is necessary after adrenalectomy for mild autonomous cortisol secretion. Surgery (United States). 2021;169(1);150-154	2
9493	B. S. Kim, Surgical management of urinary stone. [Korean]. Journal of the Korean Medical Association. 2020;63(11);677-683	8
9494	J. R.-N. Sterling, Z.Patel, H. V.Farber, N. J.Kim, S.Radadia, K. D.Modi, P. K.Goyal, S.Parikh, R.Weiss, R. E.Kim, I. Y.Elsamra, S. E.Jang, T. L.Singer, E. A., Factors Associated With Receipt of Partial Nephrectomy or Minimally Invasive Surgery for Patients With Clinical T1a and T1b Renal Masses: Implications for Regionalization of Care. Clinical Genitourinary Cancer. 2020;18(6);e643-e650	4

9495	J. S. Young, W.Bakst, R. L., Sequential HPV related cancers. Otolaryngology Case Reports. 2020;17 (no pagination);	8
9496	L. J. O.-D. Garcia-Florez, J. L., Local excision by transanal endoscopic surgery. World Journal of Gastroenterology. 2015;21(31);9286-9296	8
9497	J. Sood, Advancing frontiers in anaesthesiology with laparoscopy. World Journal of Gastroenterology. 2014;20(39);14308-14314	3
9498	S. T. Reinhart, Y.Fritz, C.Wagner, U.Bode-Lesniewska, B.John, H.Pless, M., Inflammatory Myofibroblastic Tumor of the Bladder With FN1-ALK Gene Fusion: Different Response to ALK Inhibition. Urology. 2020;146;32-35	2
9499	L. D. M. Dreyfuss, V. A.Raman, J. D.Spiess, P. E.Wells, S. A.Merrill, S. B.Peyton, C. C.Sankar, D.Sohl, B.Patil, D.Shapiro, D. D.Allen, G. O.Abel, E. J., Patterns of Initial Metastatic Recurrence After Surgery for High-Risk Nonmetastatic Renal Cell Carcinoma. Urology. 2020;146;152-157	2
9500	W. G. Sawyer, Leonardo da Vinci on Wear. Biotribology. 2021;26 (no pagination);	2
9501	I. M. E. Yakubu, A. I.Andrews, C.Persad, C.Burke, E.Farley, J.Shaban, K. S. I.Kelly, L.Elkaramany, M. E.Penrose, M. E.Ansari, M. K.Idris, O.Ntenezi, P.Naqvi, S. T.Mibey, S. C., Repositioning gastroenterology services during covid-19 pandemic. Journal of Gastroenterology and Hepatology Research. 2020;9(5);3303-3308	8
9502	H. H. N. Balkhy, S.Torregrossa, G.Kitahara, H.Nisivaco, S.McCrorey, M.Patel, B., Angiographic patency after robotic beating heart totally endoscopic coronary artery bypass grafting facilitated by automated distal anastomotic connectors. Interactive Cardiovascular and Thoracic Surgery. 2020;31(4);467-474	3
9503	M. A. Alhamar, B.Hogan, K.Raoufi, M., Appendiceal intussusception presenting as a caecal mass. Malaysian Journal of Pathology. 2020;42(3);483-486	3
9504	H. M. M. Abdul-Muhsin, S. B.Syal, A.Nunez-Nateras, R.Navaratnam, A.Moss, A. A.Hewitt, W. R.Singer, A. L.Jadlowiec, C. C.Harbell, J. W.Mathur, A. K.Reddy, K. S.Castle, E. P., Robot Assisted Renal Allograft Nephrectomy: Initial Case Series and Description of Technique. Urology. 2020;146;118-124	3
9505	V. C. Fiorenza, M.Damasio, M. B.Piaggio, G.Degl'Innocenti, M. L.Ghiggeri, G. M.Mattioli, G., Is the lower pole crossing vessels transposition a valid option for the treatment of extrinsic ureteropelvic obstruction in children? Considerations from a single-centre experience. Journal of Pediatric Endoscopic Surgery. 2021;3(1);17-23	4
9506	K. S. B. Oh, H. F.Febres-Aldana, C. A.Safdie, F. M.Sriganeshan, V., Collision tumors of the lung: A case report of urothelial carcinoma metastasizing to renal cell carcinoma with heterotopic ossification. Respiratory Medicine Case Reports. 2020;31 (no pagination);	3
9507	C. D. Akpinar, O.Kubilay, E.Gokce, M. I.Suer, E.Gulpinar, O.Baltaci, S., The evaluation of acute kidney injury due to ischemia by urinary neutrophil gelatinase-induced lipocalin (uNGAL) measurement in patients who underwent partial nephrectomy. International Urology and Nephrology. 2021;53(3);393-400	3
9508	S. H. K. Song, I. H. A.Han, J. H.Kim, K. S.Kim, E. J.Sheth, K.Gerber, J.Bhatia, V.Baek, M.Koh, C. J., Preoperative Bladder Bowel Dysfunction Is the Most Important Predictive Factor for Postoperative Urinary Retention after Robot-Assisted Laparoscopic Ureteral Reimplantation via An Extravesical Approach: A Multi-Center Study. Journal of Endourology. 2021;35(2);226-233	5
9509	A. C. Brunelli, K.Pompili, C.Chaudhuri, N.Kefaloyannis, E.Milton, R.Tcherveniakov, P.Papagiannopoulos, K.Mitchell, T.Bassi, V., Ninety-day hospital costs associated with prolonged air leak following lung resection. Interactive Cardiovascular and Thoracic Surgery. 2020;31(4);507-512	4
9510	R. D. G. Bientinesi, L.Pugliese, D.D'Agostino, D.Racioppi, M.Bassi, P. F.Sacco, E., Endourethral migration of a Hem-o-Lok Clip after robot-assisted laparoscopic radical prostatectomy. Urologia. 2015;82(4);242-244	3

9511	X. Z. Ma, J.Zhang, X.Zhou, Q., Development of a Robotic Catheter Manipulation System Based on BP Neural Network PID Controller. Applied Bionics and Biomechanics. 2020;2020 (no pagination);	2
9512	S. H. W. Chen, C. H.Wu, R.Kuo, W.Lee, Y. H.Li, R. C.Lin, Y. Y.Lin, V., Surgical and functional outcomes of robotic-assisted radical prostatectomy in patients with previous transurethral resection of the prostate. Urological Science. 2020;31(6);267-272	3
9513	D. W. Hu, Z.Tantai, J.Yao, F., Robotic-assisted thoracoscopic resection and reconstruction of the carina. Interactive Cardiovascular and Thoracic Surgery. 2021;31(6);912-914	3
9514	M. C. S. Lee, H.Jang, K. J.Pandey, S.Lim, J.Park, S.Kim, J. E.Choung, Y. H.Garg, P.Chung, J. H., Development of novel gene carrier using modified nano hydroxyapatite derived from equine bone for osteogenic differentiation of dental pulp stem cells. Bioactive Materials. 2021;6(9);2742-2751	2
9515	I. B. Sucandy, A. L.Spence, J.Ross, S.Rosemurgy, A., Robotic Partial Right Hepatectomy with Temporary Ipsilateral Inflow Vascular Occlusion: How We Do It. American Surgeon. 2020;86(4);185-187	8
9516	R. K. Siaulys, V.Janusonis, V.Ezerskiene, V.Dulskas, A.Samalavicius, N. E., Robotic gynaecological surgery using Senhance robotic platform: Single centre experience with 100 cases. Journal of Gynecology Obstetrics and Human Reproduction. 2021;50(1) (no pagination);	3
9517	S. C. M. O'Connor, M.Desai, S. S.Couto, F.Gottlieb, M.Ewing, A.Cobb, W. S.Carbonell, A. M.Warren, J. A., Robotic Versus Laparoscopic Approach to Hiatal Hernia Repair: Results After 7 Years of Robotic Experience. American Surgeon. 2020;86(9);1083-1087	12
9518	J. S. Lee, C.Lee, D.Kim, J. K.You, D.Jeong, I. G.Hong, B.Hong, J. H.Kim, C. S.Ahn, H., Differential contribution of the factors determining long-term renal function after partial nephrectomy over time. Urologic Oncology: Seminars and Original Investigations. 2021;39(3);196.e15-196.e20	2
9519	A. J. C. Jijon, A. R.Destephano, C. C.Heckman, M. G.Johnson, P. W.Dinh, T. A., Factors Associated with Burnout and Frustration among Minimally Invasive Gynecologic Surgery Fellows. Journal of Minimally Invasive Gynecology. 2021;28(1);75-81	2
9520	I. K. A. Toumpoulis, C. E.Katritisis, D. G.Shennib, H.DeRose, J. J.Swistel, D. G., Influence of innovative techniques on midterm results in patients with minimally invasive direct coronary artery bypass and off-pump coronary artery bypass. Heart Surgery Forum. 2004;7(1);31-36	2
9521	V. N. C. Yamaki, N. M.Nicholson, P.Rodrigues, M.Radovanovic, I.Sungur, J. M.Krings, T.Pereira, V. M., Biomodex patient-specific brain aneurysm models: The value of simulation for first in-human experiences using new devices and robotics. Journal of NeuroInterventional Surgery. 2021;13(3);272-277	5
9522	S. R. V. P. Prasath, V.Jothi Priya, A.Gayathri, R., Knowledge and awareness on robotics assisted surgeries among college students- A survey. Annals of Tropical Medicine and Public Health. 2021;23(22) (no pagination);	8
9523	Y. M. Murakami, K.Shimizu, Y.Ikeda, M.Amano, N.Shimura, S.Ishii, D.Sato, Y.Iwamura, M., PD-L1 expression in tumor-infiltrating lymphocytes (TILs) as an independent predictor of prognosis in patients with pN0 bladder cancer undergoing radical cystectomy. Urologic Oncology: Seminars and Original Investigations. 2021;39(3);195.e15-195.e23	2
9524	M. C. Morton, L. M.Costales, A. B.Chichura, A.Gruner, M.Horowitz, M. P.Rose, P. G.Yao, M.Debernardo, R.Michener, C., Assessing feasibility and perioperative outcomes with minimally invasive surgery compared with laparotomy for interval debulking surgery with hyperthermic intraperitoneal chemotherapy for advanced epithelial ovarian cancer. Gynecologic Oncology. 2021;160(1);45-50	4

9525	E. J. A. G. Morris, R.Spata, E.Mafham, M.Finan, P. J.Shelton, J.Richards, M.Spencer, K.Emberson, J.Hollings, S.Curnow, P.Gair, D.Sebag-Montefiore, D.Cunningham, C.Rutter, M. D.Nicholson, B. D.Rashbass, J.Landray, M.Collins, R.Casadei, B.Baigent, C., Impact of the COVID-19 pandemic on the detection and management of colorectal cancer in England: a population-based study. The Lancet Gastroenterology and Hepatology. 2021;6(3);199-208	2
9526	N. J. H. Nordskar, B.Ogarkov, A.Vesterfjell, E. V.Salvesen, O.Aune, G., Initial experience with positron emission tomography/computed tomography in addition to computed tomography and magnetic resonance imaging in preoperative risk assessment of endometrial cancer patients. European Journal of Obstetrics and Gynecology and Reproductive Biology. 2021;259;46-52	2
9527	S. Beyaz, A brief history of artificial intelligence and robotic surgery in orthopedics & traumatology and future expectations. Joint diseases and related surgery. 2020;31(3);653-655	8
9528	E. V. V. Reynvoet, V.Hendrick, K.Vandeweyer, D.Vaz, C., Technical aspects and standardization of the totally Robotic Roux-en-Y Gastric Bypass. Results of a single surgeon experience with a 5-year follow-up. Acta chirurgica Belgica. 2021;;1-32	3
9529	L. P. C. Anchora, V.Gallotta, V.Fanfani, F.Cosentino, F.Turco, L. C.Fedele, C.Bizzarri, N.Scambia, G.Ferrandina, G., Should the number of metastatic pelvic lymph nodes be integrated into the 2018 figo staging classification of early stage cervical cancer?. Cancers. 2020;12(6);44573	2
9530	J. G. Teinor, L.He, J., Rare case of metastatic small cell carcinoma of the nasopharynx to the pancreas. BMJ Case Reports. 2020;13(6) (no pagination);	2
9531	A. G. Gusev, S.Dave, S.Sobieh, A.Yates, J., Percutaneous Biopsy Tract Seeding in a Patient with Muscle-invasive Bladder Cancer. European Urology Open Science. 2020;21;17-21	2
9532	S. A. S. Sharma, D.Arun Mavaji, S., Evaluation of operational and financial feasibility of robotic surgery in tertiary care hospital. Indian Journal of Public Health Research and Development. 2019;10(11);2345-2349	3
9533	S. I. S. Shamki, A. I., Spatial variation of human cancer incidence across Babylon state in (2010). Indian Journal of Public Health Research and Development. 2018;9(11);323-328	2
9534	P. C. Dell'Oglio, G. E.Muttin, F.Mirabella, G.Secco, S.Roscigno, M.Rovati, F. A.Barbieri, M.Naspro, R.Peroni, A.Sacca, A.Pellucchi, F.Bocciardi, A. M.Simeone, C.Da Pozzo, L.Galfano, A., Applicability of COVID-19 Pandemic Recommendations for Urology Practice: Data from Three Major Italian Hot Spots (BreBeMi). European Urology Open Science. 2021;26;44570	2
9535	L. A. v. G. Daamen, I. W. J. M.Schouten, T. J.Dorland, G.van Roessel, S. R.Besselink, M. G.Bonsing, B. A.Bosscha, K.Brosens, L. A. A.Busch, O. R.van Dam, R. M.Farina Sarasqueta, A.Festen, S.Groot Koerkamp, B.van der Harst, E.de Hingh, I. H. J. T.Intven, M. P. W.Kazemier, G.de Meijer, V. E.Nieuwenhuijs, V. B.Raicu, G. M.Roos, D.Schreinemakers, J. M. J.Stommel, M. W. J.van Velthuysen, M. F.Verheij, J.Verkooijen, H. M.van Santvoort, H. C.Molenaar, I. Q., Microscopic resection margin status in pancreatic ductal adenocarcinoma - A nationwide analysis. European Journal of Surgical Oncology. 2021;Part B. 47(3);708-716	2
9536	K. O. Yatabe, S.Oguma, J.Hiraiwa, S.Tomita, S.Matsunaga, T.Togashi, N.Yokoyama, M.Shimono, T.Ohnishi, K., A study on safe forceps grip force for the intestinal tract using haptic technology. Minimally Invasive Therapy and Allied Technologies.. 2020;;	2
9537	J. S. Weishaupt, S.Carter, J., An Australian, single-centre study of surgical management outcomes for early-stage cervical cancer. Australian and New Zealand Journal of Obstetrics and Gynaecology. 2021;61(1);123-127	3

9538	Y. P. Sun, B.Qu, J.Fu, Y., Vision-Based Framework of Single Master Dual Slave Semi-Autonomous Surgical Robot System. Irbm. 2021;42(1);55-64	3
9539	A. C. Ristolainen, G.Kruusmaa, M., A phantom pig abdomen as an alternative for testing robotic surgical systems: Our experience. ATLA Alternatives to Laboratory Animals. 2013;41(5);359-367	2
9540	F. K. Ehret, M.Furweger, C.Haidenberger, A.Windisch, P.Fichte, S.Lehrke, R.Senger, C.Kaul, D.Ruess, D.Ruge, M.Schichor, C.Tonn, J. C.Stalla, G.Muacevic, A., Robotic radiosurgery for persistent postoperative acromegaly in patients with cavernous sinus-invading pituitary adenomas - A multicenter experience. Cancers. 2021;13(3);44572	3
9541	S. S. Rodler, M.Tamalunas, A.Marcon, J.Graser, A.Mumm, J. N.Casuscelli, J.Stief, C. G.Furweger, C.Muacevic, A.Staehler, M., Safety and efficacy of robotic radiosurgery for visceral and lymph node metastases of renal cell carcinoma: A retrospective, single center analysis. Cancers. 2021;13(4);44570	3
9542	B. L. Tang, X.Ai, J.Huang, Z.Shi, J.Li, T., Comparison of robotic and laparoscopic rectal cancer surgery: a meta-analysis of randomized controlled trials. World Journal of Surgical Oncology. 2021;19(1) (no pagination);	8
9543	D. E. K. Peterman, B. P.Ewing, J. A.Carbonell, A. M.Cobb, W. S.Warren, J. A., Implementation of an Evidence-Based Protocol Significantly Reduces Opioid Prescribing After Ventral Hernia Repair. American Surgeon. 2020;86(11);1602-1606	2
9544	R. S. Valero, G.Garisto, J.Yau, R.Kaouk, J., Multiquadrant Combined Robotic Radical Prostatectomy And Left Partial Nephrectomy: A Combined procedure by A Single Approach. Actas urologicas espanolas. 2020;44(2);119-124	8
9545	W. H. Dong, M.Chen, X.Gao, M.Ou, D.Li, K.Wang, C.Wu, S.Liu, H.Xie, W.Campbell, S. C.Lin, T.Huang, J., Long-Term Oncologic Outcomes After Laparoscopic and Robotic Tumor Enucleation for Renal Cell Carcinoma. Frontiers in Oncology. 2020;10 (no pagination);	13
9546	R. M. Satava, Future trends in the design and application of surgical robots. Seminars in Laparoscopic Surgery. 2004;11(2);129-135	8
9547	M. S. A. Boga, M., Retroperitoneal robot-assisted laparoscopic partial nephrectomy for posterior located renal tumours: Technique and early term outcomes. International Journal of Clinical Practice. 2021;75(2) (no pagination);	3
9548	D. L. Coco, S., Hepatectomy in robotic surgery. Open Access Macedonian Journal of Medical Sciences. 2020;Part F. 8;215-217	8
9549	C. C. H. Abbou, A.Salomon, L.Olsson, L. E.Lobontiu, A.Saint, F.Cicco, A.Antiphon, P.Chopin, D., Laparoscopic radical prostatectomy with a remote controlled robot. Journal of Urology. 2001;165(6 I);[d]1964-1966	3
9550	E. C. Rodriguez-Villa, E.Torous, J., Psychiatric rehabilitation through teaching smartphone skills to improve functional outcomes in serious mental illness. Internet Interventions. 2021;23 (no pagination);	2
9551	A. G. Oseledchyk, M. L.Zhou, Q. C.Iasonos, A.Elahjji, R.Adamou, Z.Feit, N.Goldfarb, S. B.Long Roche, K.Sonoda, Y.Goldfrank, D. J.Chi, D. S.Saban, S. S.Broach, V.Abu-Rustum, N. R.Carter, J.Leitao, M.Zivanovic, O., Surgical ovarian suppression for adjuvant treatment in hormone receptor positive breast cancer in premenopausal patients. International Journal of Gynecological Cancer. 2021;31(2);222-231	2
9552	L. P. Vidal Pineiro, B.Azagra Soria, J. S., Robotic approach for Collis gastroplasty. Cirugia espanola. 2020;98(5);288-291	8
9553	S. I. P. Kim, D. C.Lee, S. J.Yoo, J. G.Song, M. J.Kim, C. J.Lee, H. N.Yoon, J. H., Minimally invasive surgery for patients with advanced stage endometrial cancer. International Journal of Medical Sciences. 2021;18(5);1153-1158	2

9554	A. R. Siltari, J.Murtola, T. J., Preservation of Endopelvic Fascia: Effects on Postoperative Incontinence and Sexual Function - A Randomized Clinical Trial. Journal of Sexual Medicine. 2021;18(2);327-338	3
9555	D. V. H. Trung, T. H.Hoang, N. V.Quan, T. H., Experiences of renal stone fragmentation with the use of the ultrasound-guided mini-percutaneous nephrolithotipsy in 650 patients. Open Access Macedonian Journal of Medical Sciences. 2021;Part B. 9;36-41	2
9556	T. N. Suda, H.Kawai, H.Hoshikawa, Y., Subxiphoid Robot-Assisted Thymectomy With Vascular Prosthetic Replacement. Seminars in Thoracic and Cardiovascular Surgery. 2020;32(4);1133-1134	8
9557	J. W. C. Shim, Y. J.Kim, M.Moon, H. W.Hong, S. H.Chae, M. S., Comparison of analgesic efficacy between rectus sheath blockade, intrathecal morphine with bupivacaine, and intravenous patient-controlled analgesia in patients undergoing robot-assisted laparoscopic prostatectomy: a prospective, observational clinical study. BMC Anesthesiology. 2020;20(1) (no pagination);	3
9558	D. T. B. Muller, B.Herbst, V.Gebauer, F.Schlosser, H.Schiffmann, L.Chon, S. H.Schroder, W.Bruns, C. J.Fuchs, H. F., Does circular stapler size in surgical management of esophageal cancer affect anastomotic leak rate? 4-year experience of a european high-volume center. Cancers. 2020;12(11);44573	2
9559	S. V. van der Horst, C.Polanco, I. A.van Hillegersberg, R.Ruurda, J. P.Park, B.Molena, D., Robot-assisted minimally invasive esophagectomy (RAMIE): Tips and tricks from the bedside assistant view - Expert experiences. Diseases of the Esophagus. 2020;33(Supplement 2) (no pagination);	8
9560	D. M. Raimondo, M.Mabrouk, M.Cafagna, G.Salucci, P.Arena, A.Iodice, R.Borghese, G.Casadio, P.Del Forno, S.Giaquinto, I.Caprara, G.Seracchioli, R., Rectosigmoid Endometriosis Vascular Patterns at Intraoperative Indocyanine Green Angiography and their Correlation with Clinicopathological Data. Surgical Innovation. 2020;27(5);474-480	2
9561	J. P. S. Ruurda, R. P. M.Borel Rinkes, I. H. M.Broeders, I. A. M. J., Robotic surgery in a routine procedure an evaluation of 40 robot-assisted laparoscopic cholecystectomies. European Surgery - Acta Chirurgica Austriaca. 2002;34(3);170-172	10
9562	D. T. Altin, S.Tokgozoglu, N.Vatansever, D.Guler, A. H.Gungor, M.Tasci, T.Turan, H.Kahramanoglu, I.Yalcin, I.Celik, C.Kose, F.Ortac, F.Arvas, M.Ayhan, A.Taskiran, C., Can risk groups accurately predict non-sentinel lymph node metastasis in sentinel lymph node-positive endometrial cancer patients? A Turkish Gynecologic Oncology Group Study (TRSGO-SLN-004). Journal of Surgical Oncology. 2021;123(2);638-645	2
9563	A. L. G. M.-J. Morrell, A. C.Morrell, A. G.Mendes, J. M. F.Tustumi, F.D. E-Oliveira-E-Silva L.GMorrell, A., The history of robotic surgery and its evolution: when illusion becomes reality. Revista do Colegio Brasileiro de Cirurgioes. 2021;48;e20202798	8
9564	Y. M. Yang, S.Zafar, S. N.Paul Nickerson, T.Sandhu, L.Chang, G. J., Superior mesenteric vein-first approach to robotic complete mesocolic excision for right colectomy: Technique and preliminary outcomes. Diseases of the Colon and Rectum. 2019;62(7);894-897	8
9565	A. H. D. L. G.-C. Rosa, J.Hsu, C. H.Zeng, J.Batai, K.Lee, B. R.Chipollini, J., Perioperative outcomes of open vs. Robotic radical cystectomy: A nationwide comparative analysis (2008-2014). Central European Journal of Urology. 2020;73(4);44566	13
9566	Y. A. C. Tsou, W. D., Comparison of transoral robotic surgery with other surgeries for obstructive sleep apnea. Scientific reports. 2020;10(1);18163	5
9567	G. K. Nimbulkar, H.Katakwar, T.Chhabra, K. G.Deolia, S.Reche, A., Artificial intelligence: a dental odyssey. Indian Journal of Forensic Medicine and Toxicology. 2020;14(4);6776-6781	2

9568	A. J. V. Rosenberg, E. E., Optimizing Treatment De-Escalation in Head and Neck Cancer: Current and Future Perspectives. Oncologist. 2021;26(1);40-48	8
9569	M. J. R. Krimphove, S. W.Chen, X.Marchese, M.Pucheril, D.Cone, E.Chou, W.Tully, K. H.Kibel, A. S.Urman, R. D.Chang, S. L.Kluth, L. A.Dasgupta, P.Trinh, Q. D., Recovery from minimally invasive vs. Open surgery in kidney cancer patients: Opioid use and workplace absenteeism. Investigative and Clinical Urology. 2021;62(1);56-64	4
9570	A. T. Fujisaki, T.Yamazaki, M.Kamimura, T.Katano, S.Komatsubara, M.Kamei, J.Sugihara, T.Ando, S.Fujimura, T., Utilization of a three-dimensional printed kidney model for favorable TRIFECTA achievement in early experience of robot-assisted partial nephrectomy. Translational Andrology and Urology. 2020;9(6);2697-2704	3
9571	Q. X. Gu, J.Xu, A.Zhang, T.Wang, Z., Robot-assisted radical cystectomy with totally intracorporeal neobladder diversion: Perioperative, oncologic, and functional outcomes. Translational Andrology and Urology. 2020;9(6);2606-2615	3
9572	L. R. Z. Jones, M. J. W.Molenaar, I. Q.Koerkamp, B. G.Hogg, M. E.Hilal, M. A.Besselink, M. G., Robotic Pancreatoduodenectomy: Patient Selection, Volume Criteria, and Training Programs. Scandinavian journal of surgery : SJS : official organ for the Finnish Surgical Society and the Scandinavian Surgical Society. 2020;109(1);29-33	8
9573	Z. S. Tudos, P.Veverkova, L.Hruska, F.Hartmann, I.Skarda, J.Thomas, R. P., Spleno-adrenal fusion mimicking an adrenal metastasis of a renal cell carcinoma: A case report and embryological background. Open Medicine (Poland). 2021;16(1);087-094	3
9574	D. A. L. Trumbull, R.Diaz Vico, T.Jorgensen, M. S.Attwood, K.Ji, W.Brady, M.Gabriel, E.Kukar, M., Prognostic Significance of Complete Pathologic Response Obtained with Chemotherapy Versus Chemoradiotherapy in Gastric Cancer. Annals of Surgical Oncology. 2021;28(2);766-773	2
9575	E. E. Koc, K.Gumuskaya, B.Gok, B.Canda, A. E.Atmaca, A. F., The role of multiparametric magnetic resonance imaging to detect the extracapsular extension in robot-assisted radical prostatectomy. Bulletin of Urooncology. 2021;19(4);206-209	3
9576	M. H. Artykov, H. B.Gudeloglu, A.Yazici, M. S.Bilen, C. Y., Robotic seminal vesicle surgery: The key steps. Bulletin of Urooncology. 2021;19(4);218-219	8
9577	M. G. Mesa-Guzman, J.Alcaide, A. B.Berto, J.de-Torres, J. P.Campo, A.Seijo, L. M.Ocon, M. M.Pueyo, J. C.Bastarrika, G.Lozano, M. D.Pio, R.Montuenga, L. M.Garcia-Granero, M.Zulueta, J., Surgical Outcomes in a Lung Cancer-Screening Program Using Low Dose Computed Tomography. Archivos de Bronconeumologia. 2021;57(2);101-106	2
9578	J. M. P. Cloyd, G. A., ASO Author Reflections: Refining the Surgical Management of Pancreatic Neuroendocrine Tumors. Annals of Surgical Oncology. 2021;28(2);1050-1051	8
9579	J. Y. D. Kikuchi, K. L.O'Boyle, A. L.Gruber, D. D., Surgical Management of Persistent Periumbilical and Vaginal Pain after Sacrocolpopexy. Journal of Minimally Invasive Gynecology. 2021;28(1);44687	8
9580	F. M. Di Benedetto, P., First Case of Full Robotic ALPPS for Intrahepatic Cholangiocarcinoma. Annals of Surgical Oncology. 2021;28(2);865	3
9581	A. R. Mercader, T.Bigdeli, A.Luth, T. C.Rottinger, H., A patient-specific 3D model of the knee to compare the femoral rollback before and after total knee arthroplasty (TKA). Journal of Experimental Orthopaedics. 2021;8(1) (no pagination);	3
9582	B. d. V. Degrieck, P.Lapauw, B., Bladder paraganglioma. Journal of the Belgian Society of Radiology. 2020;104(1) (no pagination);	8

9583	H. B. Baik, K. B., Robotic Complete Mesocolic Excision After Neoadjuvant Chemotherapy for Advanced Ascending Colon Cancer. Diseases of the colon and rectum. 2020;63(10);1474	8
9584	S. K. Yanai, K.Aiko, K.Ando, M., Robot-assisted extraperitoneal para-aortic lymphadenectomy (RAePAL) performed with the bipolar cutting method. Journal of Gynecologic Oncology. 2021;32(1);44564	3
9585	R. S. George, D.Akgul, M.Nazeer, T.Mian, B. M., A rare case of urachal inflammatory myofibroblastic tumor. Urology Case Reports. 2021;36 (no pagination);	2
9586	D. K. T. Tran, D. C.Mnatsakayan, L.Lin, J.Hsu, F.Vadera, S., Treatment of Multi-Focal Epilepsy With Resective Surgery Plus Responsive Neurostimulation (RNS): One Institution's Experience. Frontiers in Neurology. 2020;11 (no pagination);	2
9587	E. E. Tibesar, Bleeding Gastric Heterotopic Polyp in the Duodenum of a Teenager with Severe Factor VII Deficiency. Case Reports in Gastroenterology. 2020;14(3);467-471	2
9588	L. T. B. Emerel, H.Okusanya, O. T., A Rare Presentation of Primary Pulmonary Synovial Sarcoma. Clinical Lung Cancer. 2021;22(1);e48-e50	8
9589	G. D.-K. Johansen, P.Staf, C.Floter Radestad, A.Rodriguez-Wallberg, K. A., Reproductive and obstetrical outcomes with the overall survival of fertile-age women treated with fertility-sparing surgery for borderline ovarian tumors in Sweden: a prospective nationwide population-based study. Fertility and Sterility. 2021;115(1);157-163	4
9590	T. G. P. Chitrambalam, K. M.Sundaraj, J.Rajasekhar, S.Christopher, P. J., A single surgeon's experience of total extra peritoneal repair vs transabdominal preperitoneal repair - A prospective cohort study. Journal of Clinical and Diagnostic Research. 2021;15(1);PC05-PC08	2
9591	S. H. Asadian, L.Maadani, M.Jahanshahi, B.Rezaeian, N., Two Challenging Cases with COVID heart. Clinical Case Reports. 2021;9(1);241-245	2
9592	M. C. O. Tung, Y. C.Lu, C. H.Chang, Y. K.Wen, Y. C., The expansion condition of amount and complexity of urologic robotic surgery in 2000 patients: A 13-year experience sharing. Formosan Journal of Surgery. 2020;53(6);223-229	3
9593	K. H. Taguchi, S.Kawase, K.Hattori, T.Okada, T.Chaya, R.Nagai, T.Kato, T.Okada, A.Yasui, T., The first case report of robot-assisted fluoroscopy-guided renal access during endoscopic combined intrarenal surgery. Journal of Endourology Case Reports. 2020;6(4);310-314	3
9594	H. M. Miyake, D.Matsushita, Y.Watanabe, H.Ito, T.Sugiyama, T.Otsuka, A., Robot-assisted partial nephrectomy for patients with multifocal renal tumors arising in a solitary kidney: Report of three cases. Journal of Endourology Case Reports. 2020;6(4);370-373	8
9595	N. V. Cheng, N.Desroches, B. R.Munver, R., Bioregenerative umbilical cord amniotic membrane allograft ureteral wrap during robot-assisted ureterolysis. Journal of Endourology Case Reports. 2020;6(4);431-434	3
9596	B. B. D. Whiles, D. A., Periureteral marginal zone lymphoma resulting in hydronephrosis and flank pain in the absence of disseminated disease: Case report of two patients presenting with rare but important differential. Journal of Endourology Case Reports. 2020;6(4);519-522	3
9597	M. H. Taskovska, S., Intra-abdominal testicular torsion as a cause of acute abdominal pain in patient with silver-russell syndrome: First case of robot-assisted laparoscopic surgical exploration with orchidectomy. Journal of Endourology Case Reports. 2020;6(4);332-335	3
9598	G. H. H. Rosen, P. A.Cunningham, C.Pokala, N., Robotic excision of recurrent renal cell Carcinoma inferior vena cava tumor thrombus. Journal of Endourology Case Reports. 2020;6(4);392-395	3

9599	J. M. Doolittle, V.Dietrich, P.Sandlow, J.Johnson, S.Kansal, J., Resolution of abdominal pain after coil embolization of varicocele with robotic resection of gonadal vein. Journal of Endourology Case Reports. 2020;6(4);533-535	3
9600	A. P. Rabley, J.Kwenda, E.Kuo, J.Yeung, L., Endoscopic management of chyluria caused by pyelolymphatic fistula after robot-assisted laparoscopic pyeloplasty. Journal of Endourology Case Reports. 2020;6(4);409-412	3
9601	R. N. Goel, B.Singh, P.Gamanagatti, S.Yadav, R., Percutaneous management of persistent urine leak after partial nephrectomy: Sealing the leak site with glue. Journal of Endourology Case Reports. 2020;6(4);472-475	3
9602	S. N. Yajima, Y.Matsumoto, S.Tanabe, K.Masuda, H., Rare small bowel obstruction: Parastomal hernia of cutaneous ureterostomy after robot-assisted radical cystectomy. Case report. Urology Case Reports. 2021;36 (no pagination);	3
9603	T. P. Li, A.Ren, H., Reaction Force Mapping by 3-Axis Tactile Sensing with Arbitrary Angles for Tissue Hard-Inclusion Localization. IEEE Transactions on Biomedical Engineering. 2021;68(1);26-35	3
9604	M. T. W. Smith, N. C.Coleman, J. A., Inguinal hernia of the distal ureter causing hydronephrosis: A rare case. Urology Case Reports. 2021;35 (no pagination);	3
9605	O. M. S. Delozier, Z. E.Deschner, B. W.Drake, J. A.Deneve, J. L.Glazer, E. S.Tsao, M. W.Yakoub, D.Dickson, P. V., Implications of Conversion during Attempted Minimally Invasive Adrenalectomy for Adrenocortical Carcinoma. Annals of Surgical Oncology. 2021;28(1);492-501	3
9606	B. M. Mantilla, A.Cooper, C.Nugent, K.Warraich, I.Nichols, J., Rare Case of Disseminated Coccidioidomycosis Presenting as a Renal Mass Mimicking Carcinoma. Urology. 2020;145;e4-e7	8
9607	M. S. S. Jun, S.Xu, A.Lee, Z.Asghar, A. M.Strauss, D.Stifelman, M. D.Eun, D.Zhao, L. C., A Multi-Institutional Experience With Robotic Appendiceal Ureteroplasty. Urology. 2020;145;287-291	3
9608	P. G. Zhou, P.Ginader, T.Thompson, D.Hrabe, J.Gribovskaja-Rupp, I.Kapadia, M.Hassan, I., Impact of KRAS status on tumor response and survival after neoadjuvant treatment of locally advanced rectal cancer. Journal of Surgical Oncology. 2021;123(1);278-285	3
9609	S. E. Mitthra, S.Anuradha, B.Prakash, V., Recent advances in the material aspects of veneers. European Journal of Molecular and Clinical Medicine. 2020;7(3);2079-2085	2
9610	Z. K. K. Varnamkhasti, B., Compact 3D-Printed Active Flexible Needle for Percutaneous Procedures. Surgical Innovation. 2020;27(4);402-405	8
9611	A. K. Z. Ahmed, C. C.Kalb, S.Zhu, A. M.Molina, C. A.Jiang, B.Blitz, A. M.Bydon, A.Crawford, N. R.Theodore, N., First spine surgery utilizing real-time image-guided robotic assistance. Computer assisted surgery (Abingdon, England). 2019;24(1);13-17	3
9612	M. L. Randazzo, L.Rochat, C. H.Ploumidis, A.Kropfl, D.Rassweiler, J.Buffi, N. M.Wiklund, P.Mottrie, A.John, H., Best Practices in Robotic-assisted Repair of Vesicovaginal Fistula: A Consensus Report from the European Association of Urology Robotic Urology Section Scientific Working Group for Reconstructive Urology. European Urology. 2020;78(3);432-442	8
9613	P. R. Buderath, P.Mach, P.Kimmig, R., Cancer field surgery in endometrial cancer: Peritoneal mesometrial resection and targeted compartmental lymphadenectomy for locoregional control. Journal of Gynecologic Oncology. 2021;32(1);44573	2
9614	L. R.-B. Shumaker, S.Nix, J., Renal Hilar Clamping With a Standard Robotic Bulldog Clamp Using the Single Port da Vinci Robot. Urology. 2020;145;297	3

9615	L. D. Pancaldi, P.Fanelli, A.Lima, A. M.Stergiopulos, N.Mosimann, P. J.Ghezzi, D.Sakar, M. S., Flow driven robotic navigation of microengineered endovascular probes. Nature Communications. 2020;11(1) (no pagination);	3
9616	D. J. T. Lee, R.Ding, J.Chandrasekar, T.Syed, K.Fonshell, C.Danella, J.Ginzburg, S.Lanchoney, T.Tomaszewski, J.Trabulsi, E.Reese, A.Smaldone, M.Uzzo, R.Raman, J. D.Guzzo, T. J., Stakeholder Perspective on Opioid Stewardship After Prostatectomy: Evaluating Barriers and Facilitators From the Pennsylvania Urology Regional Collaborative. Urology. 2020;145;120-126	2
9617	D. D. Stephan, I.Willeke, F., First Clinical Use of 5 mm Articulating Instruments with the Senhance Robotic System. Surgical technology international. 2020;37;63-67	3
9618	M. R. D. Maddah, C.Gauthier, O.Fusellier, M.Cao, C. G. L., Measuring organ shift and deformation for port placement in robot-assisted minimally invasive surgery. Laparoscopic, Endoscopic, and Robotic Surgery. 2020;3(4);99-106	7
9619	Z. Z. Chen, Z. L.Wang, P.Zeng, F., Comparison of clinical efficacy between robotic-laparoscopic excision and traditional laparoscopy for rectal cancer. Medicine (United States). 2020;99(27) (no pagination);	5
9620	J. S. Bodner, T.Wykypiel, H.Bodner, E., First experiences with robotic-assisted laparoscopic cholecystectomies. European Surgery - Acta Chirurgica Austriaca. 2002;34(3);166-169	5
9621	F. L. Peng, L.Luo, M.Su, S.Zhang, M.He, K.Xia, X.He, P., Comparison of early postoperative results between robot-assisted and laparoscopic splenectomy for non-traumatic splenic diseases rather than portal hypertensive hypersplenism-a meta-analysis. Asian journal of surgery. 2020;43(1);36-43	8
9622	K. K. Yoshikawa, K.Endo, Y.Yamamoto, S.Kanae, K.Takeuchi, R.Yozu, A.Mutsuzaki, H., Adjusting Assistance Commensurates with Patient Effort During Robot-Assisted Upper Limb Training for a Patient with Spasticity After Cervical Spinal Cord Injury: A Case Report. Medicina. 2019;55;	3
9623	J. C. K. Koh, H. J.Kim, M. H.Hong, J. H.Seong, H.Kim, N. Y.Bai, S. J., Comparison of analgesic and adverse effects of oxycodone-and fentanyl-based patient-controlled analgesia in patients undergoing robot-assisted laparoscopic gastrectomy using a 55:1 potency ratio of oxycodone to fentanyl: A retrospective study. Journal of Pain Research. 2020;13;2197-2204	3
9624	M. A. Jarebi, A.Lefranc, M.Peltier, J., A matched comparison of outcomes between percutaneous endoscopic lumbar discectomy and open lumbar microdiscectomy for the treatment of lumbar disc herniation: a 2-year retrospective cohort study. Spine Journal. 2021;21(1);114-121	2
9625	A. K.-A. Beris, I.Gkiatas, I.Gatsios, D.Fotiadis, D.Korompilias, A., Microsurgery training: A combined educational program. Injury. 2020;51(Supplement 4);S131-S134	8
9626	X. L. Chao, L.Wu, M.Wu, H.Ma, S.Tan, X.Zhong, S.Lang, J., Minimally invasive versus open radical trachelectomy for early-stage cervical cancer: protocol for a multicenter randomized controlled trial in China. Trials. 2020;21(1) (no pagination);	8
9627	N. P. Albertini, F.Esposito, S.Gozzo, D.Colli, G.Piccoli, M., An unexpected finding after robotic subtotal gastrectomy: Vomiting of Taenia Saginata. International Journal of Surgery Case Reports. 2020;77(Supplement);S72-S74	8

9628	L. S. Bianchi, R.Borghesi, M.Chessa, F.Casablanca, C.Angiolini, A.Ercolino, A.Pultrone, C. V.Bianchi, F. M.Barbaresi, U.Piazza, P.Manferrari, F.Bertaccini, A.Fiorentino, M.Ferro, M.Porreca, A.Marcelli, E.Brunocilla, E., Which patients with clinical localized renal mass would achieve the trifecta after partial nephrectomy? The impact of surgical technique. Minerva Urologica e Nefrologica. 2020;72(3);339-349	13
9629	I. B. Meyer-Lamp, M.Schugmann, L. S.Leitsmann, C.Trojan, L.Friedrich, M. G., Silent operating theatre optimisation system for positive impact on surgical staff-members' stress, exhaustion, activity and concentration in urological da Vinci surgeries. BMJ Innovations. 2021;7(1);175-184	3
9630	F. C. Ambrosini, V.Frazzini, D.Coletta, P.Liberatore, E.Basti, M., Robot-assisted laparoscopic subtotal gastrectomy for early-stage gastric cancer: Case series of initial experience. Annals of Medicine and Surgery. 2021;61;115-121	3
9631	A. R. J. Carrubba, A. J.Heckman, M. G.Brushaber, D. E.Chen, A. H.Dinh, T. A.Destephano, C. C., Association of uterine dimensions and route of contained morcellation following laparoscopic hysterectomy. Minerva Ginecologica. 2020;72(5);316-324	2
9632	M. L. La Russa, C. G.Akrivos, N.Turnbull, H. L.Duncan, T. J.Nieto, J. J.Cheong, E.Burbos, N., Learning curve for gynecological oncologists in performing upper abdominal surgery. Minerva Ginecologica. 2020;72(5);325-331	4
9633	J. G. C. Cheaib, L. E.Patel, H. D.Kates, M. R.Matoso, A.Hahn, N. M.Bivalacqua, T. J.Hoffman-Censits, J. H.Pierorazio, P. M., Site of metastatic recurrence impacts prognosis in patients with high-grade upper tract urothelial carcinoma. Urologic Oncology: Seminars and Original Investigations. 2021;39(1);74.e9-74.e16	3
9634	V. K. Nagaraja, J. J., Hybrid Robotic Impella-Assisted Single Arterial Access ComplexHigh-Risk Percutaneous Coronary Intervention. Cardiovascular Revascularization Medicine. 2020;21(11 Supplement);105-107	3
9635	T. D. Francone, Robotic Right Colectomy With Intracorporeal Anastomosis. Diseases of the colon and rectum. 2020;63(8);e486	8
9636	T. H. Ojima, I.Yamaue, H., Robotic total gastrectomy with Roux-en-Y reconstruction for gastric cancer (with video). Journal of visceral surgery. 2019;156(5);461-462	8
9637	P. M. Gontero, A.Marra, G.Nazzani, S.Allasia, M.Antonelli, A.Barale, M.Brunocilla, E.Capitanio, U.Di Maida, F.Gallioli, A.Longo, N.Montorsi, F.Porpiglia, F.Porreca, A.Rocco, B.Simeone, C.Schiavina, R.Tellini, R.Terrone, C.Villari, D.Ficarra, V.Carini, M.Minervini, A., Is partial nephrectomy safe and effective in the setting of frail comorbid patients affected by renal cell carcinoma? Insights from the RECORD 2 multicentre prospective study. Urologic Oncology: Seminars and Original Investigations. 2021;39(1);78.e17-78.e26	2
9638	F. M. Preisser, E.Nazzani, S.Knipper, S.Tian, Z.Mandel, P.Pompe, R.Saad, F.Montorsi, F.Shariat, S. F.Huland, H.Graefen, M.Tilki, D.Karakiewicz, P. I., Impact of Age on Perioperative Outcomes at Radical Prostatectomy: A Population-Based Study. European Urology Focus. 2020;6(6);1213-1219	3
9639	G. B. H. Cadiere, J.Bruyns, J.Capelluto, E.Gaudissart, Q.Costi, R.Youatou, P., Robotic Nissen fundoplication. European Surgery - Acta Chirurgica Austriaca. 2002;34(3);161-165	8
9640	Y. T. Sano, R.Sasaki, K.Nakamura, S.Mizobuchi, K.Kuroda, N., 6p21 translocation renal cell carcinoma: A case report. Urology Case Reports. 2021;34 (no pagination);	3
9641	R. S. Doddamani, R.Agrawal, M.Verma, R.Kumar, N.Chandra, P., Robotic Guided Bilateral Anterior Cingulate Radiofrequency Ablation for Obsessive-Compulsive Disorder. Neurology India. 2020;68(8 Supplement 2);S333-S336	5

9642	M. G. Zhang, A.Djaladat, H., Robotic bilateral radical nephrectomy through a novel supine, single-dock approach. Urology Video Journal. 2020;8 (no pagination);	3
9643	Y. L. Li, X. M.Zhang, H. K.Zhang, X. F.Tang, B.Ma, F.Lv, Y., Magnetic Compression Anastomosis in Laparoscopic Pancreatoduodenectomy: A Preliminary Study. Journal of Surgical Research. 2021;258;162-169	2
9644	J. L. C. Smith, A. N.Evans, N. R., Novel Two-Stage Open Spine and Robotic Thoracic Approach to Resection of a Mediastinal Tumor. Annals of Thoracic Surgery. 2021;111(1);e27-e29	3
9645	R. E. A.-R. Merritt, M.Fitzgerald, M.D'Souza, D. M.Kneuertz, P. J., The Academic Facility Type Is Associated With Improved Overall Survival for Early-Stage Lung Cancer. Annals of Thoracic Surgery. 2021;111(1);261-268	2
9646	L. B. Fregoli, S.Papini, P.Torregrossa, L.Ugolini, C.Rossi, L.Matrone, A.Elisei, R.Materazzi, G., First report of benign track seeding after robot-assisted transaxillary thyroid surgery. American Journal of Otolaryngology - Head and Neck Medicine and Surgery. 2021;42(1) (no pagination);	3
9647	M. L. P. G. Ver, J. L.Crawford, C. H.Djurasovic, M.Kirk Owens, R.Brown, M.Steele, P.Carreon, L. Y., Index episode-of-care propensity-matched comparison of transforaminal lumbar interbody fusion (TLIF) techniques: Open traditional TLIF versus midline lumbar interbody fusion (MIDLIF) versus robot-assisted MIDLIF. Journal of Neurosurgery: Spine. 2020;32(5);741-747	12
9648	P. J. C. Sweigert, C.Fahmy, J. N.Eguia, E.Ban, K. A.deLahunta, D.Peters, S.Baker, M. S.Singer, M. A., Association of obesity with postoperative outcomes after proctectomy. American Journal of Surgery. 2020;220(4);1004-1009	3
9649	K. M. Kanao, H.Morinaga, S.Kobayashi, I.Kajikawa, K.Nishikawa, G.Watanabe, M.Nakamura, K., Dorsal Vein Complex Preserving Technique during Robot-Assisted Radical Prostatectomy. Journal of Endourology Case Reports. 2020;6(3);220-223	3
9650	F. I. P. Munshi, C. F.Elsamra, S. E., Robot-Assisted Radical Cystectomy with Intracorporeal Ileal Conduit in a Patient with Situs Inversus Totalis. Journal of Endourology Case Reports. 2020;6(3);135-138	5
9651	K. V. G. Meriwether, K. P.De Tayrac, R.Cichowski, S. B.Minassian, V. A.Cartwright, R.Miotla, P.Grimes, C. L.Brito, L. G. O.Bazi, T. M.Carberry, C. L.Zhu, L.Rogers, R. G., Joint report on terminology for surgical procedures to treat pelvic organ prolapse. Female Pelvic Medicine and Reconstructive Surgery. 2020;26(3);173-201	8
9652	J. S. S. Smith, W. P., Ejaculatory Duct Obstruction in the Setting of an Ectopic Ureter. Sexual Medicine. 2020;8(3);574-576	3
9653	J. N. D. Shehan, E.Cohen, M. B., Robot-assisted epiglottopexy as a method for managing adult obstructive sleep apnea. American Journal of Otolaryngology - Head and Neck Medicine and Surgery. 2020;41(6) (no pagination);	3
9654	K. Y. Paik, Lateral approach toward hepatoduodenal ligament during laparoscopic radical cholecystectomy for Gallbladder cancer. Surgical Oncology. 2020;34;146	3
9655	M. A. S. Machado, R.Makdissi, F.Ardengh, J. C., Robotic pancreaticoduodenectomy after unsuspected double perforation (bile duct and portal vein) during endoscopic biliary stent placement - Video article. Surgical Oncology. 2020;34;195-196	8
9656	C. E. C. Hagen, K.Hopp, A.Giorgadze, T.Hartley, C. P.Hunt, B.Basturk, O.Klimstra, D., Intraductal papillary squamous neoplasm of the pancreas: Cyto-histologic correlation of a novel entity. Annals of Diagnostic Pathology. 2020;48 (no pagination);	2

9657	J. O. G. Paull, A.Parascandola, S. A.Hota, S.Pudalov, N.Arnott, S.Skancke, M.Obias, V., The outcomes of two robotic platforms performing transanal minimally invasive surgery for rectal neoplasia: a case series of 21 patients. Journal of Robotic Surgery. 2020;14(4);573-578	3
9658	P. L. P. Sunaryo, D. J.Okhawere, K.Beksac, A. T.Sfakianos, J. P.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Porter, J.Badani, K. K., A multi-institutional analysis of 263 hilar tumors during robot-assisted partial nephrectomy. Journal of Robotic Surgery. 2020;14(4);585-591	3
9659	T. W. S. Kong, J. H.Paek, J.Chang, S. J.Ryu, H. S., Prognostic factors influencing pelvic, extra-pelvic, and intraperitoneal recurrences in lymph node-negative early-stage cervical cancer patients following radical hysterectomy. European Journal of Obstetrics and Gynecology and Reproductive Biology. 2020;252;94-99	3
9660	J. L. Wang, X.Wu, H.Zhang, Y.Wang, F., A Meta-Analysis of Robotic Surgery in Endometrial Cancer: Comparison with Laparoscopy and Laparotomy. Disease Markers. 2020;2020 (no pagination);	8
9661	Y. L. Chung, D. H.Lee, M.Kim, H.Lee, S.Hong, S. K.Byun, S. S.Lee, S. E.Oh, J. J., Impact of diagnostic ureteroscopy before radical nephroureterectomy on intravesical recurrence in patients with upper tract urothelial cancer. Investigative and Clinical Urology. 2020;61(2);158-165	2
9662	H. J. Y. Shin, H. K.Lee, J. H.Lee, S. R.Jeong, K.Moon, H. S., Robotic single-port surgery using the da Vinci SP surgical system for benign gynecologic disease: A preliminary report. Taiwanese Journal of Obstetrics and Gynecology. 2020;59(2);243-247	8
9663	Y. B. K. Ji, S. H.Song, C. M.Sung, E. S.Lee, B. J.Wu, C. W.Chiang, F. Y.Tae, K., Feasibility and efficacy of intraoperative neural monitoring in remote access robotic and endoscopic thyroidectomy. Oral Oncology. 2020;103 (no pagination);	4
9664	V. L. Y. C. Chow, J. Y. W.Ng, J. C. W.Tsang, R. K. Y., Indocyanine green and Firefly for real-time sentinel lymph node mapping in oral cavity cancer. Surgical Oncology. 2020;32;88-89	8
9665	S. O. Morita, Y.Yamamoto, T.Kamoshida, K.Yamazaki, H.Suzuki, K.Sakai, S.Kunihara, M.Takagi, T.Tanabe, K., Image quality of early postoperative CT angiography with reduced contrast material and radiation dose using model-based iterative reconstruction for screening of renal pseudoaneurysms after partial nephrectomy. European Journal of Radiology. 2020;124 (no pagination);	2
9666	M. Q. Cascella, G.Grimaldi, G.Izzo, A.Muscariello, R.Castaldo, L.Di Caprio, B.Bimonte, S.Del Prete, P.Cuomo, A.Perdona, S., Neuropathic painful complications due to endopelvic nerve lesions after robot-assisted laparoscopic prostatectomy Three case reports. Medicine (United States). 2020;98(46) (no pagination);	3
9667	M. B. Covas Moschovas, S.Onol, F. F.Rogers, T.Roof, S.Mazzone, E.Mottrie, A.Patel, V., Modified Apical Dissection and Lateral Prostatic Fascia Preservation Improves Early Postoperative Functional Recovery in Robotic-assisted Laparoscopic Radical Prostatectomy: Results from a Propensity Score-matched Analysis. European Urology. 2020;78(6);875-884	3
9668	F. B. S. M. Achterberg, B. G.Meijer, R. P. J.Bonsing, B. A.Hartgrink, H. H.Mieog, S. J. D.Zlitni, A.Park, S. M.Sarasqueta, A. F.Vahrmeijer, A. L.Swijnenburg, R. J., Real-time surgical margin assessment using ICG-fluorescence during laparoscopic and robot-assisted resections of colorectal liver metastases. Annals of Translational Medicine. 2020;8(21) (no pagination);	3
9669	C. K. Okamura, T.Tokiwa, S.Hasegawa, A.Tanaka, Y.Ichikawa, K., Microscopic Ophthalmic Surgery Using a Freely Movable Arm Support Robot: Basic Experiment and Clinical Experience. Ophthalmic Research. 2020;63(6);580-587	7

9670	S. M. S. Norton, S.Haroon, U. M.McGuire, B. B., Robotic assisted lower ureteric reimplantation with psoas hitch repair following an iatrogenic injury. Urology Video Journal. 2020;8 (no pagination);	3
9671	N. Ikoma, ASO Author Reflections: Fluorescent-Image Guidance in Surgical Oncology. Annals of Surgical Oncology. 2020;27(13);5323-5324	8
9672	J. S. J. Peng, D.Butash, A.Elsayed, A. S.Guru, K. A.Nurkin, S. J., Robotic Pelvic Exenteration for Locally Advanced Prostate Cancer. Annals of Surgical Oncology. 2020;27(13);5320-5321	8
9673	T. K. Hirata, K.Kai, K.Katabuchi, H.Kitade, M.Kitawaki, J.Kurihara, M.Takazawa, N.Tanaka, T.Taniguchi, F.Nakajima, J.Narahara, H.Harada, T.Horie, S.Honda, R.Murono, K.Yoshimura, K.Osuga, Y., Clinical practice guidelines for the treatment of extragenital endometriosis in Japan, 2018. Journal of Obstetrics and Gynaecology Research. 2020;46(12);2474-2487	8
9674	E. O. Aydin, B.Demirkiran, C.Ozgen, M. B.Turkeri, L., Robotic treatment of obstructive uropathy caused by deep-infiltrating endometriosis of the ureter. Urology Video Journal. 2020;8 (no pagination);	8
9675	G. S. Pinar, M. C.Pinzari, F.Colaizzi, P.Graf, A.Sebastiani, M. L.Sterflinger, K., The Microbiome of Leonardo da Vinci's Drawings: A Bio-Archive of Their History. Frontiers in Microbiology. 2020;11 (no pagination);	2
9676	D. D. Jou-Valencia, F. A., Case report of simultaneous presentation of pulmonary embolism and pericardial effusion following an oncological esophagectomy. International Journal of Surgery Case Reports. 2020;77;252-255	2
9677	M. G. C. Mueller, M.Kenton, K., Needs assessment for lower urinary tract injury curriculum for fpmrs fellowships. Female Pelvic Medicine and Reconstructive Surgery. 2020;26(12);e83-e90	2
9678	A. M. P. Hill, R. N.Crisp, C. C., Practice patterns regarding apical support procedures at time of hysterectomy for pelvic organ prolapse. Female Pelvic Medicine and Reconstructive Surgery. 2020;26(12);774-778	2
9679	W. L. Li, G.Chen, W.Cong, L., The safety and accuracy of robot-assisted pedicle screw internal fixation for spine disease: A meta-analysis. Bone and Joint Research. 2020;9(10);653-666	8
9680	A. F. Shakir, E.Aron, M., Robotic excision of tumor in isthmus of horseshoe kidney in the setting of prior endovascular AAA repair. Urology Video Journal. 2020;8 (no pagination);	8
9681	E. M. T. Cadena-Pineros, A.Restrepo, J.Vasconez Escobar, J., Transoral Robotic Surgery for Head and Neck Cancer: Practical Considerations. SN Comprehensive Clinical Medicine. 2020;2(12);2847-2855	3
9682	C. H. H. Lin, C. M.Wu, C. H.Liang, P. C.Wu, Y. M.Hu, R. H.Lee, P. H.Ho, M. C., Minimally invasive surgery versus radiofrequency ablation for single subcapsular hepatocellular carcinoma <= 2 cm with compensated liver cirrhosis. Surgical Endoscopy. 2020;34(12);5566-5573	4
9683	B. C. Branche, U.Crocerossa, F.Autorino, R.Hampton, L. J., Robotic urological surgery in the time of COVID-19: Challenges and solutions. Urology Practice. 2020;7(6);547-553	3
9684	M. A. Z. Borahay, B.Patel, P.Lin, Y. L.Kuo, Y. F.Kilic, G. S., Pelvic pain and apical prolapse surgery: A population-based retrospective cohort study. Female Pelvic Medicine and Reconstructive Surgery. 2020;26(11);704-711	3

9685	E. G. Melis, E.di Martino, S.Gallina, F. T.Laquintana, V.Casini, B.Visca, P.Ganci, F.Alessandrini, G.Caterino, M.Cecere, F. L.Mandoj, C.Papadantonakis, A.De Bello, N.Lattanzio, R.Palmieri, G.Garassino, M. C.Girard, N.Conti, L.Blandino, G.Fazi, F.Facciolo, F.Pescarmona, E.Ciliberto, G.Marino, M., Thymic Epithelial Tumors as a Model of Networking: Development of a Synergistic Strategy for Clinical and Translational Research Purposes. Frontiers in Oncology. 2020;10 (no pagination);	8
9686	E. B. Habermann, Need for protocolized opioid prescribing after cardiac surgery. Nature Reviews Cardiology. 2020;17(11);683-684	8
9687	M. N. Silveri, G. L.Cobellis, G.Roberti, A.Rossi, S.Gregori, L.Torino, G., Individualized robotic organ-sparing surgery in a paediatric case of renal perivascular epithelioid cell tumour. International Journal of Medical Robotics and Computer Assisted Surgery. 2020;16(5);44565	3
9688	I. Y. Shioi, Y.Shiomi, A.Kagawa, H.Hino, H.Manabe, S.Aizawa, D., Rectal stenosis due to solitary pelvic recurrence of hilar cholangiocarcinoma. JGH Open. 2020;4(5);1014-1016	3
9689	J. L. Lu, P.Zou, Y.Zhang, R.Gao, Y.Ren, Q., Analysis of the risk factors of postpartum stress urinary incontinence and the treatment efficacy of electromyography biofeedback combined with neuromuscular electrical stimulation. International Journal of Clinical and Experimental Medicine. 2020;13(11);8942-8949	2
9690	F. M. Sharif, F.Suman, S.Cheng, A. L.Shepherd, J. P.Sutkin, G., Risk factors for returning to the operating room for a second surgery after midurethral sling for stress urinary incontinence. Female Pelvic Medicine and Reconstructive Surgery. 2020;26(7);443-446	2
9691	A. C. Ouzzane, P., Cost-Effective Filtrating Suction to Evacuate Surgical Smoke in Laparoscopic and Robotic Surgery during the COVID-19 Pandemic. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2020;30(5);e28-e29	2
9692	R. C. T. Moon, A. F.Treto, J.Jawad, M. A., Cardiopexy at the Time of Sleeve Gastrectomy as a Preventive Measure for Reflux. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2020;30(5);464-466	3
9693	A. S. J. Elsayed, Z.Demirbas, D.Durrani, M.Attwood, K.Cilento, J.Osei, J. A.Gibson, S.Mostowy, M.Christophe, A.Hussein, A. A.Guru, K. A., Development and Cross-Validation of a Nomogram for Chronic Kidney Disease following Robot-Assisted Radical Cystectomy. Journal of Endourology. 2020;34(9);946-954	3
9694	M. V. Hidalgo, R.Ruiz De Godejuela, A. G.Rodriguez-Luna, M. R.Balibrea, J. M.Roriz-Silva, R.Gonzalez, O.Caubet, E.Ciudin, A.Armengol, M.Fort, J. M., Effectiveness of Laparoscopic Sleeve Gastrectomy in Super-obese and Non-Super-obese Patients. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2020;30(5);403-409	2
9695	S. M. Vertaldi, M.D'Angelo, S.Servillo, G.De Palma, G. D.Milone, M., Robotic repair of iatrogenic left diaphragmatic hernia. A case report. International Journal of Surgery Case Reports. 2020;76;488-491	3
9696	I. K. Bagheri, P. S.Dafashy, T. J.Nicholas Sreshta, J., A novel approach for removal of a retained calcified ureteral stent using a single robotic procedure. Urology Video Journal. 2020;8 (no pagination);	3
9697	L. G. Salman, L.Borovich, A.Raban, O.Sabah, G.Yeoshoua, E.Jakobson-Setton, A.Eitan, R., Robotic Surgery Versus Laparotomy in Elderly Patients with Endometrial Cancer: Perioperative Outcomes and Complications. Journal of Gynecologic Surgery. 2020;36(5);272-276	13
9698	A. V. Cozzi Lepri, M.Innocenti, M.Porciatti, T.Matassi, F.Civinini, R., Precision and accuracy of robot-assisted technology with simplified express femoral workflow in measuring leg length and offset in total hip arthroplasty. International Journal of Medical Robotics and Computer Assisted Surgery. 2020;16(5);44567	5

9699	M. L. Masetti, R.Romboli, A.Jovine, E., Fully Robotic ALPPS and Simultaneous Left Colectomy for Synchronous Colorectal Liver Metastases. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2020;30(10);1106-1109	3
9700	S. W. Ye, P.Zhu, L.Jing, T.Qin, J.Zhu, Y.Xia, D.Wang, S., Robot-Assisted Laparoscopic Excision of Complicated Retroperitoneal Tumors with Four Arms Via Retroperitoneal Way: A Unique Minimal-Invasive Approach. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2020;30(10);1110-1116	3
9701	Y. A. F. Salhi, A.Velotti, G.Capone, L.Aversa, S.de Nunzio, C.Porta, N.Petrozza, V.Carbone, A.Pastore, A. L., Robot-assisted retroperitoneal lymphadenectomy in patient with type I papillary renal cancer recurrence after 5 years of follow-up. Journal of Surgical Case Reports. 2020;2020(10) (no pagination);	3
9702	M. H. L. Oh, B. C., Robot-assisted resection of GIST in the proximal jejunum. Journal of Surgical Case Reports. 2020;2020(10) (no pagination);	3
9703	L. P. Helpman, G. R.Elit, L.Anderson, L. N.Seow, H., Disparities in surgical management of endometrial cancers in a public healthcare system: A question of equity. Gynecologic Oncology. 2020;159(2);387-393	2
9704	B. B. Saini, A.Kumar, M.Agarwal, S. M.Saini, S., Propofol induced anaphylaxis, a rare anaesthetic emergency: A case report. International Journal of Pharmaceutical Sciences Review and Research. 2020;64(1);194-196	3
9705	K. K. D. Mathew, W.Marchand, K. B.Ehiorobo, J. O.Tarazi, J. M.Sodhi, N.Salem, H. S.Mont, M. A., Computer-assisted navigation in total knee arthroplasty. Surgical Technology International. 2020;36;44569	8
9706	F. M. Gharagozloo, M.Tempesta, B., Robotic lobectomy: Experience with 638 consecutive cases. Surgical Technology International. 2020;36;44567	3
9707	K. O. Ott, D.Stulberg, J., Traumatic Diaphragmatic Hernia: Safety and Efficacy of a Minimally Invasive Approach: Case Report. SN Comprehensive Clinical Medicine. 2020;2(11);2500-2503	3
9708	A. P. Laddha, G. K.Raveendran, V.Adiyat, K. T., Post-renal Transplant Retzius Sparing Robotic Radical Prostatectomy: Initial Experience and Case Report. SN Comprehensive Clinical Medicine. 2020;2(11);2489-2492	3
9709	G. K. Goudot, L.Del Giudice, C.Mirault, T.Galloula, A.Bruneval, P.Julia, P.Sapoval, M.Houdouin, A.Tanter, M.Suarez, D.Remond, M.Messas, E.Pernot, M., Non-invasive recanalization of deep venous thrombosis by high frequency ultrasound in a swine model with follow-up. Journal of Thrombosis and Haemostasis. 2020;18(11);2889-2898	7
9710	M. T. K. Olcucu, K.Yilmaz, K.Ozsoy, C.Aktas, Y.Ates, M., Preoperative inflammation markers in predicting biochemical recurrence after robot-assisted radical prostatectomy. Journal of the College of Physicians and Surgeons Pakistan. 2020;30(9);921-927	3
9711	K. S. Miyata, S., Two patterns of the 'crossed swords sign' for the accurate diagnosis of diverse mitral valve regurgitations. Annals of Cardiac Anaesthesia. 2020;23(4);499-501	2
9712	C. H. L. Yang, Y. S.Ou, Y. C.Weng, W. C.Huang, L. H.Lu, C. H.Hsu, C. Y.Tung, M. C., Adult metaplastic hutch diverticulum with robotic-assisted diverticulectomy and reconstruction: A case report. World Journal of Clinical Cases. 2020;8(20);4895-4901	3
9713	K. L. Tae, D. W.Bang, H. S.Ahn, Y. H.Park, J. H.Kim, D. S., Sensory change in the chin and neck after transoral thyroidectomy: Prospective study of mental nerve injury. Head and Neck. 2020;42(11);3111-3117	2

9714	V. C. Otano-Rivera, R.Guzzo, T. J.Wein, A. J.Mucksavage, P., Detection of renal artery pseudo-aneurysm six months after robotic assisted partial nephrectomy in a patient whose only complaint was flank pain. Urology Case Reports. 2020;33 (no pagination);	3
9715	D. J. P. Bonda, R.Goldstein, T.Varghese, A.Mittler, M.Schneider, S.Shah, A.Rodgers, S., Robotic Surgical Assistant (ROSATM) Rehearsal: Using 3-Dimensional Printing Technology to Facilitate the Introduction of Stereotactic Robotic Neurosurgical Equipment. Operative Neurosurgery. 2020;19(1);94-97	3
9716	J. H. C. Sang, S. H., Is it enough in ovarian cancer staging surgery to laparoscopic surgery? Comparison of surgical methods. European Journal of Gynaecological Oncology. 2020;41(4);541-544	2
9717	V. V. Vikas, A. R.Arumalla, K.Doshi, R.Ramkumar, A.Mahadevan, A.Rao, M., Mythri 10-Progress of an Indian Surgical Robot. Indian Journal of Neurosurgery. 2020;9(2);95-98	8
9718	F. S. Khalil, K.Bagameri, G.Killu, A. M., Hybrid Catheter-Based and Surgical Techniques for Ablation of Ventricular Arrhythmias. Arrhythmia and Electrophysiology Review. 2020;9(2);97-103	8
9719	A. L. K. K. Heiden, P.Rose, G. S.Dengler, K. L., A four step strategy for robot assisted abdominal cerclage placement prior to pregnancy. Fertility and Sterility. 2020;114(4);902-904	8
9720	A. P. C. Mitra, S.Ghodoussipour, S.Schuckman, A. K., Heterotopic Bone Formation in Clear Cell Renal Cell Carcinoma. Urology. 2020;144;13-14	8
9721	M. Y. Takeuchi, T.Kawakubo, H.Matsuda, S.Mayanagi, S.Irino, T.Fukuda, K.Nakamura, R.Wada, N.Obara, H.Kitagawa, Y., The perioperative presepsin as an accurate diagnostic marker of postoperative infectious complications after esophagectomy: a prospective cohort study. Esophagus. 2020;17(4);399-407	3
9722	N. T. Goossens, C.Heim, M. H., Management of hepatocellular carcinoma: SASL expert opinion statement. Swiss Medical Weekly. 2020;150(32) (no pagination);	8
9723	N. E. Ismaili, S., COVID-19 and Gynecological Cancers: A Summary of International Recommendations. SN Comprehensive Clinical Medicine. 2020;2(10);1750-1757	8
9724	M. O. Al-Taher, N.Felli, E.Agnus, V.Barberio, M.Gioux, S.Bouvy, N.Stassen, L.Marescaux, J.Diana, M., Noninvasive Near-Infrared Fluorescence Imaging of the Ureter during Robotic Surgery: A Demonstration in a Porcine Model. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2020;30(9);962-966	7
9725	E. G. Erkilic, H.Konya, Z. Y.Hocuk, S.Aydin, E. U.Sahap, M., Three difficult airway management strategies in the same patient at three different times. Anaesthesia, Pain and Intensive Care. 2020;24(4);450-452	8
9726	J. H. L. Seo, S. H., Current state of total knee arthroplasty. [Korean]. Journal of the Korean Medical Association. 2020;63(8);452-461	5
9727	C. W. C. Wang, C. H.Liu, W. M., Incidental small ovarian surface serous carcinoma with miliary abdominal seeding during robotically-assisted total hysterectomy. European Journal of Gynaecological Oncology. 2020;41(4);654-656	8
9728	E. A. C. Grossi, S.Loulmet, D. F., Commentary: Robotic Techniques in Cardiac and Thoracic Surgery (Innovations, May/June 2020). Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2020;15(5);423-424	8
9729	J. W. K. Kim, G.Kim, T. W.Han, W.Kim, M. S.Jeong, C. Y.Park, D. H., Hemodynamic changes following accidental infiltration of a high dose of vasopressin. Journal of International Medical Research. 2020;48;	2

9730	L. G. Hu, C.Lopez, M.Ji, J.Wisnivesky, J., Estimation of causal effects of multiple treatments in observational studies with a binary outcome. Statistical Methods in Medical Research. 2020;29(11);3218-3234	2
9731	P. P. Chamseddine, R.Cesta, M., Latest advances in the laparoscopic treatment of uterine fibroids. Surgical Technology International. 2020;36;44568	8
9732	H. C. Alexander, K.Fayed, I.Oluigbo, C. O., Magnetic Resonance-Guided Laser Interstitial Thermal Therapy for the Treatment of Nonlesional Insular Epilepsy in Pediatric Patients: Technical Considerations. Pediatric Neurosurgery. 2020;55(3);155-162	2
9733	W. D. R. Winkelman, P. L., Introducing New Technologies and Techniques into Gynecologic Surgical Practice. Clinical Obstetrics and Gynecology. 2020;63(2);266-276	2
9734	T. A. A. Paterniti, S.Holloway, R. W., Robotic-assisted laparoscopic splenectomy for recurrent ovarian cancer. International Journal of Gynecological Cancer. 2020;30(8);1189-1194	5
9735	A. M. L. Durant, E.Robyak, H.Merrill, S. B.Kaag, M. G.Raman, J. D., Hemostatic agent use during partial nephrectomy: trends, outcomes, and associated costs. International Urology and Nephrology. 2020;52(11);2073-2078	2
9736	E. F. Granina, J.Kondziolka, D.Silverman, J.Downey, A.Placantonakis, D.Muggia, F., Endometrial adenocarcinoma presenting as a suprasellar mass: lessons to be learned. ecancermedicalscience. 2020;14 (no pagination);	3
9737	J. L. Moy, R., Approach to the Patient with Unknown Primary Squamous Cell Carcinoma of the Head and Neck. Current Treatment Options in Oncology. 2020;21(12) (no pagination);	2
9738	J. M. Reeves, S.Prabha, R. D.Salama, Y.Mittal, A., Robotic versus open transversus abdominis release and incisional hernia repair: A case-control study. Laparoscopic, Endoscopic, and Robotic Surgery. 2020;3(3);59-62	12
9739	J. C. Rinehart, M.Weeraman, S.Barvais, L.Obbergh, L. V.Joosten, A., Closed-Loop Control of Vasopressor Administration in Patients Undergoing Cardiac Revascularization Surgery. Journal of Cardiothoracic and Vascular Anesthesia. 2020;34(11);3081-3085	3
9740	M. A. F. Reimers, R. S.Kim, E. H.Tucker, J.Kasten, N.Khan, A. S.Hanneken, J. M.Smith, Z. L.Hsieh, J. J., Elective Cytoreductive Nephrectomy After Checkpoint Inhibitor Immunotherapy in Patients With Initially Unresectable Metastatic Clear Cell Renal Cell Carcinoma. Clinical Genitourinary Cancer. 2020;18(5);361-366	3
9741	D. G. Cuccurullo, L.Favoriti, P.Mazzoni, G.Sagnelli, C.Tartaglia, E., Robotic-assisted single site (RASS) TAPP: an advantageous choice?: Outcomes of single site robotic groin hernia repair. Hernia. 2020;24(5);1057-1062	3
9742	M. S. Guirguis, S. A.Alshiek, J., Transvesical Glidewire and Vaginal Foley-Assisted Recurrent Vesicovaginal Fistula Repair: A Case Series. Female Pelvic Medicine and Reconstructive Surgery. 2020;26(10);E40-E43	3
9743	D. A. T. Bastawros, M. E.Templin, M. A.Stepp, K. J.Taylor, G. B.Myers, E. M., Anterior Wall Success at 1 Year after Vaginal Uterosacral Ligament Suspension and Sacral Colpopexy. Female Pelvic Medicine and Reconstructive Surgery. 2020;26(10);612-616	3
9744	J. d. W.-v. d. V. olde Heuvel, B. J.van der Poel, H. G.Bekers, E. M.Grootendorst, M. R.Vyas, K. N.Slump, C. H.Stokkel, M. P. M., ⁶⁸Ga-PSMA Cerenkov luminescence imaging in primary prostate cancer: first-in-man series. European Journal of Nuclear Medicine and Molecular Imaging. 2020;47(11);2624-2632	2

9745	J. Y. W. Kikuchi, S. L.Patterson, D., Surgical removal of sacrocolpopexy mesh due to chronic inflammatory reaction. International Urogynecology Journal. 2020;31(10);2181-2183	8
9746	Y. H. Li, J.Tao, B.Yu, D.Shen, Y.Fan, S.Wu, Y.Chen, X., Automatic robot-world calibration in an optical-navigated surgical robot system and its application for oral implant placement. International Journal of Computer Assisted Radiology and Surgery. 2020;15(10);1685-1692	3
9747	V. C. P. Nikolian, D.Coleman, N. L.Novitsky, Y. W., Robotic-assisted transabdominal preperitoneal ventral hernia repair. Surgical Technology International. 2020;36;44564	8
9748	J. A. S. Piraino, Z. A.Edwards, D. C.Hager, S.McGreen, B. H.Diorio, G. J., Nephroureterectomy vs. segmental ureterectomy of clinically localized, high-grade, urothelial carcinoma of the ureter: Practice patterns and outcomes. Urologic Oncology: Seminars and Original Investigations. 2020;38(11);851.e1-851.e10	2
9749	G. B. Thiene, C.Cozza, A.Zanatta, A., The fascinating discovery of the electrical system in the heart: A story telling. International Journal of Cardiology. 2020;317;81-85	8
9750	K. H. G. Clair, N.Bristow, R. E., Successful treatment of metastatic refractory gestational choriocarcinoma with pembrolizumab: A case for immune checkpoint salvage therapy in trophoblastic tumors. Gynecologic Oncology Reports. 2020;34 (no pagination);	2
9751	H. S. S. Plattner, C. P.Cheng, L.Bahler, C. D., Renal Volume Loss during Partial Nephrectomy Due to Resected Healthy Parenchyma: A Tool for Quick Estimation. Journal of Endourology. 2020;34(8);856-861	2
9752	T. J. M. Pallaria, M.Diskerud, L., Recognition and management of subcutaneous emphysema as a complication of robotic-assisted laparoscopic surgery: A case report. AANA Journal. 2020;88(2);131-134	3
9753	Y. Z. Jiang, K.Zhang, S.Shao, Z.Cheng, P.Zhang, Y.Jin, G.He, T., Robot-assisted distal pancreatectomy improves spleen preservation rate versus laparoscopic distal pancreatectomy for benign and low-grade malignant lesions of the pancreas. Translational Cancer Research. 2020;9(9);5166-5172	12
9754	J. N. Kuperus, S.Hoekstra, P.Lane, B., Robot-assisted laparoscopic management of a benign neoplasm of the upper urinary tract. Urology Video Journal. 2020;8 (no pagination);	10
9755	B. K. L. Goh, T. Y.Koh, Y. X.Lee, S. Y.Teo, J. Y.Kam, J. H.Jeyaraj, P. R.Cheow, P. C.Chow, P. K.Ooi, L. L.Chung, A. Y.Chan, C. Y., Changing trends and outcomes associated with the adoption of minimally invasive pancreatic surgeries: A single institution experience with 150 consecutive procedures in Southeast Asia. Journal of Minimal Access Surgery. 2020;16(4);404-410	2
9756	B. B. P. Asaf, H. V.Bishnoi, S.Nanda, N. S.Pulle, M. V.Kumar, A., Subxiphoid robotic extended thymectomy - The first Indian report. Journal of Minimal Access Surgery. 2020;16(4);360-363	3
9757	B. K. P. Z. Goh, G.Low, T. Y.Chua, D. W.Koh, Y. X.Lim, K. I., Changing trends and outcomes associated with the adoption of minimally-invasive pancreato-biliary surgery: Contemporary experience of a 'self-taught' early adopter in Southeast Asia. Journal of Minimal Access Surgery. 2020;16(4);341-347	2
9758	S. M. Smelzo, G.Russo, A.Di Cosmo, G.De Marchi, D.Annibali, S.Gaboardi, F., Challenges in robotic assisted pyeloplasty in a partial duplex system. Urology Video Journal. 2020;8 (no pagination);	3

9759	X. K. X. Li, Y.Cong, Z. Z.Zhou, H.Wu, W. J.Shen, Y., Comparison of the progression-free survival between robot-assisted thymectomy and video-assisted thymectomy for thymic epithelial tumors: A propensity score matching study. Journal of Thoracic Disease. 2020;12(8);4033-4043	13
9760	R. L. Corzani, L.Lisi, G.Capannini, G.Marchetti, L.Guaccio, G.Marianello, D.Lisi, V.Ghisalberti, M.Paladini, P., Simultaneous lung and cardiac surgery: First case of a totally robotic approach. Journal of Thoracic Disease. 2020;12(8);4374-4377	3
9761	J. K. Muhlbauer, K. F.Walach, M. T.Porubsky, S.Wessels, F.Nuhn, P.Wagener, N.Kriegmair, M. C., Partial nephrectomy preserves renal function without increasing the risk of complications compared with radical nephrectomy for renal cell carcinomas of stages pT2-3a. International Journal of Urology. 2020;27(10);906-913	4
9762	G. M. Simpson, T.Blacker, S.Smith, D.Walsh, C., Sacrococcygeal dimensions and curvature are associated with resection quality in rectal cancer excision. Techniques in Coloproctology. 2020;24(10);1063-1070	2
9763	C. W. Sui, J.Wang, Z.Ma, G.Liu, Y. H., A Real-Time 3D Laparoscopic Imaging System: Design, Method, and Validation. IEEE Transactions on Biomedical Engineering. 2020;67(9);2683-2695	2
9764	J. J. S. Park, Z. A.Lurz, K. L.Edwards, D. C.Belkoff, L. H.Cahn, D. B., A Rare Case of Signet Ring Cell Carcinoma of the Colon With Selective Metastasis to the Prostate. Urology. 2020;143;e17-e19	2
9765	A. K. Anuwatworn, M. A.Stys, T.Petrasko, M.Stys, A., Robotic-assisted percutaneous coronary intervention through transradial approach: Experience in 4 patients with complex lesions. Texas Heart Institute Journal. 2020;47(2);144-148	3
9766	V. I. Srougi, A.Srougi, M., Robot-Assisted Pyeloureterostomy in the Treatment of the Lower Pole Ureteropelvic Junction Obstruction in an Incomplete Duplicated System. Urology. 2020;143;262	3
9767	D. H. Russell, Granulomata in Clear Cell Renal Cell Carcinoma: An Uncommon Presentation of a Common Cancer, Not Two Separate Entities. Clinical Pathology. 2020;13;	2
9768	P. S. S. Shoureshi, K. P., Transvaginal Repair of a Peritoneal-Vaginal Fistula. Urology. 2020;143;268	3
9769	C. H. Basman, J. M.Kim, M. C.Seetharam, K.Brinster, D. R.Pirelli, L.Kliger, C. A.Scheinerman, S. J.Singh, V. P.Patel, N. C., Long-term survival in triple-vessel disease: Hybrid coronary revascularization compared to contemporary revascularization methods. Journal of Cardiac Surgery. 2020;35(10);2710-2718	2
9770	N. T. Sharma, P.Ochieng, P.Ramakrishna, S., Refractory thoracic endometriosis. BMJ Case Reports. 2020;13(8) (no pagination);	8
9771	I. B. Sini, P.Hapsari, K.Handayani, N.Indra, B. D., Robotic myomectomy for a non-pregnant reproductive age woman with severe acute urinary retention: A case report. Urology Case Reports. 2020;33 (no pagination);	3
9772	C. C. Lien, C.Lu, Y.Chang, H.Huang, C., Comparing the predictive values of diameter-axial-polar and renal scores for long-term trifecta outcomes in robot-assisted partial nephrectomy for renal cell carcinoma. Urological Science. 2020;31(4);156-162	3
9773	H. M. Miller, K., A cesarean delivery sequela:: scar rupture and tumor spill during laparoscopic hysterectomy for endometrial cancer. American Journal of Obstetrics and Gynecology. 2020;223(4);582	2
9774	T. C. Erdogru, O.Hladun, T.Kazimoglu, H.Micoogullari, U.Akincioglu, E.Ulker, V.Cakmak, O.Can, E., Comparison of suture material for vesico-urethral anastomosis in robotic radical prostatectomy. Central European Journal of Urology. 2020;73(2);134-139	3

9775	S. C. Lee, Y.Swete, M. T.Kim, S. S.Bharat, A.Yang, X. J.Yeldandi, A., Malignant melanoma arising in a primary mediastinal germ cell tumor. Pathology Research and Practice. 2020;216(11) (no pagination);	3
9776	J. J. C. Zhou, W. H.Zou, H.Xiong, L.Miao, X. Y.He, C.Shu, B.Zhou, Y. Q.Liu, D. L.Wen, Y., Rare postoperative hemorrhage after robotic-assisted pancreatoduodenectomy for pancreatic head cancer: A case report. Journal of Gastrointestinal Oncology. 2020;11(4);820-825	3
9777	Z. M. J. Zhao, N.Gao, Y. X.Yin, Z. Z.Zhao, G. D.Tan, X. L.Xu, Y.Liu, R., Clinical diagnosis and management of pancreatic mucinous cystadenoma and cystadenocarcinoma: Single-center experience with 82 patients. World Journal of Gastrointestinal Oncology. 2020;12(6);642-650	4
9778	A. D. O. Schlake, P.Devriendt, N.Stammeleer, L.Binetti, A.Bauwens, K.Terriere, N.Saunders, J.Mottrie, A.de Rooster, H., First robot-assisted radical prostatectomy in a client-owned Bernese mountain dog with prostatic adenocarcinoma. Veterinary Surgery. 2020;49(7);1458-1466	7
9779	J. J. B. Schmitt, M. V.Occhino, J. A.McGree, M. E.Weaver, A. L.Bakkum-Gamez, J. N.Dowdy, S. C.Pasupathy, K. S.Gebhart, J. B., Prospective Implementation and Evaluation of a Decision-Tree Algorithm for Route of Hysterectomy. Obstetrics and Gynecology. 2020;135(4);761-769	2
9780	C. M. Han, J. A.Zhang, Y.Jiang, Y.Hu, C.Wu, Y., Guillain-barre syndrome induced by pembrolizumab and sunitinib: A case report. Molecular and Clinical Oncology. 2020;13(1);38-42	2
9781	G. V. Perroni, G., Robotic segmentectomy: Indication and technique. Journal of Thoracic Disease. 2020;12(6);3404-3410	5
9782	M. A. M. Machado, B. V.Lobo Filho, M. M.Makdissi, F., Robotic Resection of Hilar Cholangiocarcinoma. Annals of Surgical Oncology. 2020;27(11);4166-4170	8
9783	A. M. Roshan, A. E., Dorsal lumbotomy for pediatric upper pole hemi-nephrectomy: Back (door) to the future?. Journal of Pediatric Urology. 2020;16(4);480.e1-480.e7	3
9784	J. D. G. Van den Eynde, S.Van Lerberghe, R.Van den Eynde, R.Oosterlinck, W., Cardiothoracic robotic assisted surgery in times of COVID-19. Journal of Robotic Surgery. 2020;14(5);795-797	3
9785	A. P. H. Bayne, K. W.Corbett, S. T.Nelson, E. D., Parental perception of bladder spasms and hematuria after surgery for vesicoureteral reflux: A prospective multicenter study. Journal of Pediatric Urology. 2020;16(4);449-455	5
9786	J. P. Villanueva, B.Colaco, M.Fox, J.Chaudhry, R.Schneck, F.Cannon, G., Point-of-care ultrasound is an accurate, time-saving, and cost-effective modality for post-operative imaging after pyeloplasty. Journal of Pediatric Urology. 2020;16(4);472.e1-472.e6	2
9787	R. L. J. Steinberg, B. A.Garbens, A.Cadeddu, J. A., Robotic assisted extravascular stent placement for nutcracker phenomenon of the left renal vein: a case series. Journal of Robotic Surgery. 2020;14(5);781-788	3
9788	J. M. SanjayPrakash, T.Jain, N.Bafna, S.Paul, R.Selvaraj, N., Robotic Management of Pelvic Lipomatosis-Experience with Difficulties Encountered and the Techniques to Successful Outcomes. European Urology Open Science. 2020;21;33-40	3
9789	E. F. Kaplan-Marans, J.Palese, M., The 12 steps of robotic right donor nephrectomy using the Da Vinci Xi surgical system. Urology Video Journal. 2020;8 (no pagination);	8
9790	C. V. d. V. v. Z. Hehakaya, J. R.Lagendijk, J. J. W.Grobbee, D. E.Verkooijen, H. M.Moors, E. H. M., Problems and Promises of Introducing the Magnetic Resonance Imaging Linear Accelerator Into Routine Care: The Case of Prostate Cancer. Frontiers in Oncology. 2020;10 (no pagination);	2

9791	C. T. Guo, X.Meng, Y.Zhang, Y.Zhang, X.Guo, J.Lei, X.Qiu, J.Hua, K., Effect of the surgical approach on survival outcomes in patients undergoing radical hysterectomy for cervical cancer: A real-world multicenter study of a large Chinese cohort from 2006 to 2017. Cancer Medicine. 2020;9(16);5908-5921	2
9792	Z. A. M. Abedali, M. F.Cleveland, B. E.Sulek, J.Bahler, C. D.Koch, M. O.Bihrle, R.Masterson, T. A.Gardner, T. A.Boris, R. S.Sundaram, C. P., Robotic and open partial nephrectomy for tumors in a solitary kidney. Journal of Clinical Urology. 2020;13(5);349-355	13
9793	C. F. Zhang, B.Xu, S.Zhou, X. C.Cheng, X. F.Fu, W. Q.Wang, G. X., Robot-assisted retroperitoneal laparoscopic excision of perirenal vascular tumor: A case report. World Journal of Clinical Cases. 2020;8(10);2050-2055	3
9794	O. B. Chaudhary, Y.Urits, I.Sharkey, A.Rashid, R.Hess, P.Krumm, S.Fatima, H.Zhang, Q.Gangadharan, S.Mahmood, F.Matyal, R., Use of Erector Spinae Plane Block in Thoracic Surgery Leads to Rapid Recovery From Anesthesia. Annals of Thoracic Surgery. 2020;110(4);1153-1159	3
9795	T. A. B. Taha, C., Robotic Arm-Assisted Total Hip Arthroplasty to Correct Leg Length Discrepancy in a Patient With Spinopelvic Obliquity. Arthroplasty Today. 2020;6(4);784-791	3
9796	S. C. Won, Y. J.Lee, N.Kim, M.Kim, M. K.Jung, Y. W.Yun, B. S.Seong, S. J.Hur, J.Kim, M. L., Atypical endometriosis is related to a higher recurrence rate. European Journal of Obstetrics and Gynecology and Reproductive Biology. 2020;254;44-51	2
9797	J. C. T. George, L.Janzer, S., Robotic-assisted balloon angioplasty and stent placement with distal embolic protection device for severe carotid artery stenosis in a high-risk surgical patient. Catheterization and Cardiovascular Interventions. 2020;96(2);410-412	3
9798	T. Z. Cai, Z., Convolutional neural network-based surgical instrument detection. Technology and Health Care. 2020;28(S1);S81-S88	3
9799	H. W. C. Lai, S. T.Mok, C. W.Lin, Y. J.Wu, H. K.Lin, S. L.Chen, D. R.Kuo, S. J., Robotic versus conventional nipple sparing mastectomy and immediate gel implant breast reconstruction in the management of breast cancer- A case control comparison study with analysis of clinical outcome, medical cost, and patient-reported cosmetic results. Journal of Plastic, Reconstructive and Aesthetic Surgery. 2020;73(8);1514-1525	12
9800	X. M. R. Guo, M.Miller, D.Aaby, D.Milad, M., A bundled intervention lowers surgical site infection in hysterectomy for benign and malignant indications. International Journal of Gynecology and Obstetrics. 2020;150(3);392-397	4
9801	J. M. S. Vigdorchik, A. K.Aggarwal, V. K.Carroll, K. M.Jerabek, S. A., The Use of Robotic-Assisted Total Hip Arthroplasty in Developmental Dysplasia of the Hip. Arthroplasty Today. 2020;6(4);770-776	3
9802	L. M. V. Charo, F.Eskander, R. N.Binder, P.Saenz, C.McHale, M.Plaxe, S., Rapid dissemination of practice-changing information: A longitudinal analysis of real-world rates of minimally invasive radical hysterectomy before and after presentation of the LACC trial. Gynecologic Oncology. 2020;157(2);494-499	4
9803	A. D. P. Dat, F., Robotic surgery for rectal cancer. Cochrane Database of Systematic Reviews. 2020;2020(3) (no pagination);	8
9804	W. H. Xiaosong, L.Min, D.Lijuan, X.Chuan, L.Peiwu, Y.Bo, T., Postoperative Functional Management Contributes to Anal Functional Recovery in Patients With Low Rectal Cancer After Robotic Total Intersphincteric Resection. Frontiers in Oncology. 2020;10 (no pagination);	3
9805	Y. P. Yang, O.Malakorn, S.Limvorapitak, T.Zafar, S. N.Chang, G. J., Superior Mesenteric Vein-First Approach for Robotic Salvage Surgery with Indocyanine Green Fluorescence Angiography. Annals of Surgical Oncology. 2020;27(9);3500	3

9806	E. L. van der Vlies, M.Stijns, P. E. F.van Hengel, M.Blaauw, N. M. S.Bos, W. J. W.van Dongen, E. P. A.van Melick, H. H. E.Noordzij, P. G., Preoperative frailty and outcome in patients undergoing radical cystectomy. BJU International. 2020;126(3);388-395	4
9807	N. S. Amornratananont, K.Worawichawong, S.Chalermsanyakorn, P.Sangkum, P.Pacharatakul, S.Leenanupunth, C.Kongchareonsombat, W., Perioperative outcomes of robot-assisted laparoscopic radical prostatectomy (RALRP) and LRP in patients with prostate cancer based on risk groups. Arab Journal of Urology. 2020;18(3);187-193	12
9808	M. G. Cooper, C.Swana, H.Rich, M.Wiegand, L., Images - A series of congenital mesonephric/Wolffian duct abnormalities in the adult and pediatric populations. Canadian Urological Association Journal. 2020;14;	8
9809	B. P. S. Chalmers, M.Sculco, T. P.Jerabek, S. A.Mayman, D. J.Westrich, G. H., Dual-Mobility Constructs in Primary Total Hip Arthroplasty in High-Risk Patients With Spinal Fusions: Our Institutional Experience. Arthroplasty Today. 2020;6(4);749-754	4
9810	M. I. E. Khalil, E.Bauer-Erickson, J.Farouk, A.Mourad, S.Davis, R.Kamel, M., A comparative study of robot-assisted laparoscopic intracorporeal versus open urinary diversion. Urology Annals. 2020;12(3);229-235	12
9811	M. L. Kosieradzki, W.Gierwialo, R.Sitnik, R., Applicability of augmented reality in an organ transplantation. Annals of Transplantation. 2020;25;44569	8
9812	W. J. M. Zhu, M. M.Zheng, M. M.Hao, H.Yang, K. L.Zhou, L. Q.Zhang, J. S.Wang, H.Li, X. S., Cine magnetic resonance urography for postoperative evaluation of reconstructive urinary tract after ileal ureter substitution: initial experience. Clinical Radiology. 2020;75(6);480.e1-480.e9	8
9813	J. G.-S. Douissard, P.Dupuis, A.Jung, M. K.Toso, C.Hagen, M. E., Chronic pain after gastric bypass: Another argument to support mesenteric windows closure. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2020;30(2);134-136	3
9814	P. M. Aggarwal, S.Hooda, D., Total robotic myomectomy in a complex case: Extending the limits. Gynecology and Minimally Invasive Therapy. 2020;9(3);175-178	3
9815	B. F. Diaz-Feijoo, S.Torne, A.Benito, V.Hernandez, A.Lago, V.Rovira, R.Acosta, U.Agusti, N.Gil-Moreno, A.Gil-Ibanez, B.Bebia, V.Tejerizo, A.Perez-Regadera, J. F.Lubrano, A.Gonzalez, C.Domingo, S.Ruiz, R.Cobos, P.Luna-Guibourg, R.Gilabert-Estelles, J.Chipiriliu, D.Llueca, A.Piquer, L.Coronado, P.Gracia, M., Implications of extraperitoneal paraaortic lymphadenectomy to the left renal vein in locally advanced cervical cancer. A Spanish multicenter study. Gynecologic Oncology. 2020;158(2);287-293	5
9816	A. S. Winder, D. C.Jones, R. L.Benson, C.Messiou, C.Chaudry, M. A.Smith, M. J., Robotic surgery for gastric gastrointestinal stromal tumors: A single center case series. Journal of Surgical Oncology. 2020;122(4);691-698	3
9817	W. C. Wang, Y.Wang, X.Yu, L., Closed-form solution of inverse kinematics for a minimally invasive surgical robot slave manipulator similar to Da Vinci robot system. Journal of Engineering and Science in Medical Diagnostics and Therapy. 2020;3(2) (no pagination);	10
9818	G. G. Della Rotonda, A.Viglione, S.Russo, F.Coscione, A. V.Ciccarelli, M.Russo, R., Analysis of early and late clinical and radiologic complications of proximal humeral fractures using open reduction, internal fixation, and intramedullary titanium cage augmentation. Journal of Shoulder and Elbow Surgery. 2020;29(9);1843-1851	2

9819	Y. L. Miao, Z.Yeo, C. J.Vollmer, C. M.Fernandez-del Castillo, C.Ghaneh, P.Halloran, C. M.Kleeff, J.de Rooij, T.Werner, J.Falconi, M.Friess, H.Zeh, H. J.Izbicki, J. R.He, J.Laukkarinen, J.Dejong, C. H.Lillemoe, K. D.Conlon, K.Takaori, K.Gianotti, L.Besselink, M. G.Del Chiaro, M.Montorsi, M.Tanaka, M.Bockhorn, M.Adham, M.Olah, A.Salvia, R.Shrikhande, S. V.Hackert, T.Shimosegawa, T.Zureikat, A. H.Ceyhan, G. O.Peng, Y.Wang, G.Huang, X.Dervenis, C.Bassi, C.Neoptolemos, J. P.Buchler, M. W., Management of the pancreatic transection plane after left (distal) pancreatectomy: Expert consensus guidelines by the International Study Group of Pancreatic Surgery (ISGPS). Surgery (United States). 2020;168(1);72-84	5
9820	R. W. M. C. Vernooij, R. G. H. M.Jansen, H.Somford, D. M.Kiemeney, L. A.van Andel, G.Wijsman, B. P.Busstra, M. B.van Moorselaar, R. J. A.Wijnen, E. M.Pos, F. J.Hulshof, M. C. C. M.Hamberg, P.van den Berkmortel, F.Hulsbergen-van de Kaa, C. A.van Leenders, G. J. L. H.Futterer, J. J.van Oort, I. M.Aben, K. K. H., Urinary incontinence and erectile dysfunction in patients with localized or locally advanced prostate cancer: A nationwide observational study. Urologic Oncology: Seminars and Original Investigations. 2020;38(9);735.e17-735.e25	2
9821	C. L. d. Chaw, N. M.Khoo, V.Suh, Y. E.van As, N., Clinical Outcomes of Stereotactic Body Radiotherapy With Immediate Versus Delayed Hormone Therapy in Men With Oligometastatic Recurrence of Prostate Cancer. Clinical Oncology. 2020;32(8);509-517	3
9822	T. N. Ojima, M.Hayata, K.Yamaue, H., Robotic D2 total gastrectomy with en-mass removal of the spleen and body and tail of the pancreas for locally advanced gastric cancer. Surgical Oncology. 2020;35;22-23	3
9823	M. J. T. Watson, A.Shears, L. L.Singh, A., Pure Robotic-assisted Level IV Inferior Vena Cava Thrombectomy for Angiomyolipoma Without Cardiopulmonary Bypass: A First Report. Urology. 2020;142;226-230	3
9824	P. P. S. Purudappa, P. J.Chandrasekharan, J.Sambandam, S. N.Mounasamy, V.Varatharaj, S.Sharma, O. P., Infection risk stratification in total kneea joint arthroplasty using a new scoring system. Orthopedic Reviews. 2020;12(2);76-82	2
9825	B. A. B. Alexiev, A.Lu, X.Cheng, E.Samant, S., High-risk human papillomavirus-mediated adenocarcinoma of palatine tonsil. Pathology Research and Practice. 2020;216(8) (no pagination);	2
9826	K. M. Matsuo, S.Mandelbaum, R. S.Chang, E. J.Klar, M.Matsushima, K.Grubbs, B. H.Roman, L. D.Wright, J. D., Minimally invasive radical hysterectomy for early-stage cervical cancer: Volume-outcome relationship in the early experience period. Gynecologic Oncology. 2020;158(2);390-396	2
9827	G. R. M. Pollock, K. M.Zeng, J.Chipollini, J., Robotic Cystoprostatectomy With Intracorporeal Ileal Conduit Diversion in a Patient With Chronic Schistosomiasis. Urology. 2020;141;e8-e9	8
9828	M. D. Manavalan, M.Subramani, V.Godson, H. F.Krishnan, G.Venkataraman, M.Ganesh, T., Analysis of various dosimetric parameters using multiple detectors in the cyberknife robotic radiosurgery system. International Journal of Radiation Research. 2020;18(3);437-447	2
9829	N. J. B. Fearon, N.Assel, M.Chesnut, G. T.Vickers, A.Levine, M.Broach, V.Simon, B. A.Twersky, R.Laudone, V. P., Standardizing Opioid Prescriptions to Patients After Ambulatory Oncologic Surgery Reduces Overprescription. Joint Commission Journal on Quality and Patient Safety. 2020;46(7);410-416	3
9830	D. D. H. Joyce, D. L.Umoh, J. l.Brown, S. D.Robles, J. A.Wallston, K. A.Moses, K. A., Examining the association of health literacy and numeracy with prostate-related knowledge and prostate cancer treatment regret. Urologic Oncology: Seminars and Original Investigations. 2020;38(8);682.e11-682.e19	2

9831	R. J. Shannon, D.Gong, E.Lindgren, B. W., Robot-assisted laparoscopic pyelotomy and ileal ureter substitution: video demonstration. Journal of Pediatric Urology. 2020;16(2);255	8
9832	G. B. Sandlas, V.Takrouney, M.Wagh, H., Robot assisted laparoscopic Duhamel pull through. Journal of Pediatric Surgery Case Reports. 2020;60 (no pagination);	3
9833	L. S. C. Gonzalez, M. A.Wahr, J. A.Rebello, E., What's in That Syringe?. Journal of Cardiothoracic and Vascular Anesthesia. 2020;34(9);2524-2531	8
9834	S. E. A. Oh, J. Y.Choi, M. G.Sohn, T. S.Bae, J. M.Kim, S.Lee, J. H., Long term oncological outcome of patients with grossly early gastric cancer-mimicking advanced gastric cancer. European Journal of Surgical Oncology. 2020;46(7);1262-1268	4
9835	M. D. G. Timberlake, A.Schlomer, B. J.Kavoussi, N. L.Kern, A. J. M.Peters, C. A.Gahan, J. C., Design and validation of a low-cost, high-fidelity model for robotic pyeloplasty simulation training. Journal of Pediatric Urology. 2020;16(3);332-339	3
9836	J. H. R. Atkins, C. H., The difficult airway and transoral robotic surgery. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2020;31(2);156-160	8
9837	H. Y. S. Kim, E. Y.Lee, J.Kwon, S. H.Hur, M.Min, S. K.Kim, J. S., Incidence of hemi-diaphragmatic paresis after ultrasound-guided intermediate cervical plexus block: a prospective observational study. Journal of Anesthesia. 2020;34(4);483-490	2
9838	A. T. Gallioli, A.Boissier, R.Campi, R.Vignolini, G.Musquera, M.Alcaraz, A.Decaestecker, K.Tugcu, V.Vanacore, D.Serni, S.Breda, A., Learning Curve in Robot-assisted Kidney Transplantation: Results from the European Robotic Urological Society Working Group. European Urology. 2020;78(2);239-247	5
9839	O. P. P. Dennis, R. M., Medical virtual reality. Journal of Hand Therapy. 2020;33(2);243-245	8
9840	J. D. Pochhammer, J.Bernsmeier, A.Kersebaum, J. N.Laudes, M.Mehdorn, A. S.Richter, F.Schafmayer, C.Becker, T.Beckmann, J. H., Low Postoperative Levels of C-Reactive Protein Are an Early Predictor for an Uncomplicated Course after Bariatric Surgery: A Retrospective, Validated Cohort Study. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2020;30(3);238-244	3
9841	P. J. K. Cheng, S.Roth, J. D.Pariser, J. J.Elliott, S. P.Bose, S.Khavari, R.Crescenze, I.Stoffel, J. T.Velaer, K. N.Elliott, C. S.Raffee, S. M.Atiemo, H. O.Kennelly, M. J.Lenherr, S. M.Myers, J. B., Contemporary multicenter outcomes of continent cutaneous ileocecocystoplasty in the adult population over a 10-year period: A Neurogenic Bladder Research Group study. Neurourology and Urodynamics. 2020;39(6);1771-1780	5
9842	I. M. Caturegli, M. D.Laird, C.Molitoris, J. K.Bafford, A. C., Limited Role for Routine Restaging After Neoadjuvant Therapy in Locally Advanced Rectal Cancer. Journal of Surgical Research. 2020;256;317-327	3
9843	A. L. Sarin, E.Chen, L. L.Porten, S.Chen, L. M.Lager, J.Wick, E., Using provider-focused education toolkits can aid enhanced recovery programs to further reduce patient exposure to opioids. Perioperative Medicine. 2020;9(1) (no pagination);	2
9844	R. C. Liu, L.Feng, J.Wang, X., MOFs-derived conductive structure for high-performance removal/release of phosphate as electrode material. Water Research. 2020;184 (no pagination);	2
9845	H. F. Alexander, I.Oluigbo, C. O., Rigid Cranial Fixation for Robot-Assisted Stereoelectroencephalography in Toddlers: Technical Considerations. Operative Neurosurgery. 2020;18(6);614-620	2
9846	A. P. Achunair, V., The role of artificial intelligence in treating musculoskeletal disorders. Critical Reviews in Physical and Rehabilitation Medicine. 2020;32(1);59-73	8

9847	C. C. K. Vining, K.Schuitevoerder, D.Paterakos, P.Berger, Y.Roggin, K. K.Talamonti, M. S.Hogg, M. E., Risk factors for complications in patients undergoing pancreaticoduodenectomy: A NSQIP analysis with propensity score matching. Journal of Surgical Oncology. 2020;122(2);183-194	12
9848	J. T. K. Wewel, M. K.Chmielewski, G. W.O'Toole, J. E., Complete anterior-posterior minimally invasive thoracoscopic robotic-assisted and posterior tubular approach for resection of thoracic dumbbell tumor. Journal of Craniovertebral Junction and Spine. 2020;11(2);148-151	8
9849	J. Z. Wu, H.Li, L.Hu, M.Chen, L.Xu, B.Song, Q., A nomogram for predicting overall survival in patients with low-grade endometrial stromal sarcoma: A population-based analysis. Cancer Communications. 2020;40(7);301-312	2
9850	A. Z. Y. Hendri, P.Zulfiqqar, A.Hashfi, A.Soerohard, I., Laparoscopic nephroureterectomy in the upper urinary tract urothelial carcinoma with transvaginal extraction. Open Access Macedonian Journal of Medical Sciences. 2020;Part C. 8;40-43	3
9851	W. F. L. Chang, A. J.Yuan, Y. F.Chen, Y.Xin, Z. R.Xu, S. S., Perioperative complications and safety evaluation of robot-assisted radical hysterectomy of cervical cancer after neoadjuvant chemotherapy. Cancer Management and Research. 2020;12;4483-4492	3
9852	J. C. Bajaj, P. S., Recent Developments in Endoscopic Endonasal Approach for Pituitary Adenomas. Neurology India. 2020;68(7 Supplement 1);S79-S84	8
9853	Y. I. Yabuuchi, K.Hotta, K.Ito, S.Kishida, Y.Manabe, S.Yamaoka, Y.Hino, H.Kagawa, H.Shiomi, A.Ono, H., Efficacy of preemptive endoscopic submucosal dissection and surgery for synchronous colorectal neoplasms. Scandinavian Journal of Gastroenterology. 2020;;44568	2
9854	A. L. A. Malkani, A.Roche, M. W.Vakharia, R.Kolisek, F. R.Salem, H. S.Gustke, K. A.Jaggard, C.Hozack, W. J.Smith, L.Sodhi, N.Mont, M. A., New technology for total knee arthroplasty provides excellent patient-reported outcomes: A minimum two-year analysis. Surgical Technology International. 2020;36;44566	3
9855	K. J. K. Park, M. H.Kim, J. K., Extraprostatic tumor extension: Comparison of preoperative multiparametric MRI criteria and histopathologic correlation after radical prostatectomy. Radiology. 2020;296(1);87-95	2
9856	L. F. M. G. Sala, G. B.Coelho, R. F., Bilateral nephrectomy robotic-assisted laparoscopic in children with bilateral Wilms' tumor. Urology Case Reports. 2020;31 (no pagination);	5
9857	L. F. D. R. P. Falcao, P.De Abreu, M. G., Protective mechanical ventilation in the obese patient. International Anesthesiology Clinics. 2020;58(3);53-57	2
9858	J. W. Shi, Y.Wang, Q.Bing, X.Ma, Z., Simultaneously performed, totally endoscopic left atrial myxoma resection and lobectomy. Heart Surgery Forum. 2020;23(3);E292-E294	3
9859	H. M. Patel, K.Rockell, T.Montaser, R.Ellis, P.Chatterjee, J.Butler-Manuel, S.Tailor, A., Robotic radical hysterectomy for stage 1B1 cervical cancer: A case series of survival outcomes from a leading UK cancer centre. International Journal of Medical Robotics and Computer Assisted Surgery. 2020;16(4) (no pagination);	3
9860	G. K. Raisin, S.Jaber, J.Kafka, I.Natsheh, A.Koulikov, D.Mamber, A.Neheman, A.Zisman, A.Chertin, B., Does a small stent size increase the risk of post-operative complications following reconstructive robotic surgery in the pediatric population?. Journal of Pediatric Endoscopic Surgery. 2020;2(1);44879	3
9861	S. R. J. Pingle, F.Millar, D.Malchoff, C. D.Ristau, B. T., Isolated DHEAS production by an adrenal neoplasm: Clinical, biochemical and pathologic characteristics. Urology Case Reports. 2020;31 (no pagination);	2
9862	T. C. Yu, X. L.Qu, Y.Dong, R. P.Kang, M. Y.Zhao, J. W., Computer navigation-assisted minimally invasive percutaneous screw placement for pelvic fractures. World Journal of Clinical Cases. 2020;8(12);2464-2472	2

9863	K. Asanad, Radiographic evolution of a simple renal cyst to clear cell renal cell carcinoma in three years. Urology Case Reports. 2020;32 (no pagination);	3
9864	K. P. H. Steck-Bayat, S.Aguirre, A. G.Smith, R. B.Mahnert, N. M.Gerkin, R. D.Mourad, J., Prospective randomized controlled trial comparing cephalad migration in robotic gynecologic surgery using egg-crate foam versus the Pink Pad. Journal of Robotic Surgery. 2020;14(2);343-347	3
9865	K. M. C. Rose, K.Arora, K.Pearson, D.Harold, K.Tyson, M., Robot-assisted repair of ureterosciatic hernia with mesh. Journal of Robotic Surgery. 2020;14(1);221-225	3
9866	N. E. J. Samalavicius, V.Siaulys, R.Jasenas, M.Deduchovas, O.Venckus, R.Ezerskiene, V.Paskeviciute, R.Klimaviciute, G., Robotic surgery using Senhance robotic platform: single center experience with first 100 cases. Journal of Robotic Surgery. 2020;14(2);371-376	5
9867	B. T. Diaz-Feijoo, A.Gil-Ibanez, B.Gil-Moreno, A.Bebia, V.Tejerizo, A.Perez-Regadera, J. F.Benito, V.Lumbrano, A.Hernandez, A.Gonzalez, C.Domingo, S.Lago, V.Ruiz, R.Cobos, P.Sebastian, D. S.Luna-Guibourg, R.Rovira, R.Gilabert-Estelles, J.Chipiriliu, D.Llueca, A.Piquer, L.Coronado, P.Gracia, M., Prognostic Value and Therapeutic Implication of Laparoscopic Extraperitoneal Paraaortic Staging in Locally Advanced Cervical Cancer: A Spanish Multicenter Study. Annals of Surgical Oncology. 2020;27(8);2829-2839	2
9868	S. G. Niu, S.Jensen, D.Glazyrine, V.Wyre, H.Holzbeierlein, J. M.Koestler, D. C.Lee, E. K., Preoperative Risk Factors Predicting Postoperative Complications in Radical Cystectomy for Bladder Cancer. Bladder Cancer. 2020;6(2);151-159	2
9869	M. H. Gracia, A.Coronado, P., Essure removal: comparison of two minimally invasive approaches. Fertility and Sterility. 2020;114(1);187-188	5
9870	C. C. A. Cocke, S. A.Mneimneh, W. S.Keel, C. E., Rosai dorfman disease: A rare presentation of primary ureteral involvement with concurrent sarcoidosis. Urology Case Reports. 2020;33 (no pagination);	2
9871	R. D. B. De Groote, E.Chintzoglou, S.Sooriakumaran, P.Nathan, S., Robot-assisted radical prostatectomy in kidney transplant patients: tips and tricks. Urology Video Journal. 2020;7 (no pagination);	8
9872	S. P. Z. Ye, W. Q.Liu, D. N.Lei, X.Jiang, Q. G.Hu, H. M.Tang, B.He, P. H.Gao, G. M.Tang, H. C.Shi, J.Li, T. Y., Robotic-vs laparoscopic-assisted proctectomy for locally advanced rectal cancer based on propensity score matching: Short-term outcomes at a colorectal center in China. World Journal of Gastrointestinal Oncology. 2020;12(4);424-434	12
9873	P. M. Rouanet, A.Jarlier, M.Bouazza, N.Laine, A.Mathieu Daude, H., Combined robotic approach and enhanced recovery after surgery pathway for optimization of costs in patients undergoing proctectomy. BJS Open. 2020;4(3);516-523	4
9874	S. M. Jain, Z.Kire, N.Patel, J.Patel, A.Kundnani, V., Learning Curve of Microendoscopic Discectomy in Single-Level Prolapsed Intervertebral Disc in 120 Patients. Global Spine Journal. 2020;10(5);571-577	2
9875	H. W. C. Lai, S. T.Tai, C. M.Lin, S. L.Lin, Y. J.Huang, R. H.Mok, C. W.Chen, D. R.Kuo, S. J., Robotic- Versus Endoscopic-Assisted Nipple-Sparing Mastectomy with Immediate Prosthesis Breast Reconstruction in the Management of Breast Cancer: A Case-Control Comparison Study with Analysis of Clinical Outcomes, Learning Curve, Patient-Reported Aesthetic Results, and Medical Cost. Annals of Surgical Oncology. 2020;27(7);2255-2268	12
9876	A. G. Falavigna, A.Taboada, N., Teaching Training and Surgical Education in Minimally Invasive Surgery (MIS) of the Spine: What Are the Best Teaching and Learning Strategies for MIS? Do We Have Any Experience and Data?. Global Spine Journal. 2020;10(2_suppl);126S-129S	8

9877	A. S. Tafuri, M.Pirozzi, M.Processali, T.Shakir, A.Rizzetto, R.Amigoni, N.Tiso, L.De Michele, M.Panunzio, A.Cerrato, C.Migliorini, F.Novella, G.De Marco, V.Siracusano, S.Artibani, W.Porcaro, A. B., Predictive Factors of the Risk of Long-Term Hospital Readmission after Primary Prostate Surgery at a Single Tertiary Referral Center: Preliminary Report. Urologia Internationalis. 2020;104(5-6);465-475	12
9878	R. A. Nabavizadeh, M., Robotic reconstruction of left common iliac vein. Urology Video Journal. 2020;7 (no pagination);	8
9879	S. C. Karatayli Ozgursoy, J. D.Snowden, R. T., Robotic-Assisted Removal of Wire Bristle in Tongue Base. Ear, Nose and Throat Journal. 2020;99(6);382-383	8
9880	P. C. Kanabur, C.Taylor, J., Use of indocyanine green for intraoperative ureteral identification in nonurologic surgery. JAMA Surgery. 2020;155(6);520-521	8
9881	T. M. Matsunaga, W.Kono, Y.Shishido, Y.Miyatani, K.Hanaki, T.Watanabe, J.Kihara, K.Yamamoto, M.Fukumoto, Y.Tokuyasu, N.Takano, S.Sakamoto, T.Honjo, S.Saito, H.Fujiwara, Y., The advantages of robotic gastrectomy over laparoscopic surgery for gastric cancer. Yonago Acta Medica. 2020;63(2);99-106	12
9882	A. J. Bronnimann, M. K.Niclauss, N.Hagen, M. E.Toso, C.Buchs, N. C., The Impact of Pregnancy on Outcomes After Bariatric Surgery. Obesity Surgery. 2020;30(8);3001-3009	2
9883	Y. H. Ahmed, A. A.May, P. R.Ahmad, B.Khan, A.Benkowski, J.Durrani, A.Khan, S.Kozlowski, J.Saar, M.Wijburg, C. J.Richstone, L.Wagner, A.Yuh, B.Redorta, J. P.Dasgupta, P.Khan, M. S.Menon, M.Peabody, J. O.Hosseini, A.Gaboardi, F.Pini, G.Schanne, F.Mottrie, A.Rha, K. H.Hemal, A.Stockle, M.Kelly, J.Tan, W. S.Maatman, T. J.Poulakis, V.Kaouk, J.Canda, A. E.Balbay, M. D.Wiklund, P.Guru, K. A., Quality of surgical care can impact survival in patients with bladder cancer after robot-assisted radical cystectomy: results from the International Robotic Cystectomy Consortium. African Journal of Urology. 2020;26(1) (no pagination);	3
9884	H. H. B. K. Wenzel, R. F. P. M.Nijman, H. W.Bekkers, R. L. M.van Gorp, T.de Kroon, C. D.van Lonkhuijzen, L. R. C. W.Massuger, L. F. A. G.Smolders, R. G. V.van Trommel, N. E.Yigit, R.Zweemer, R. P.van der Aa, M. A., Short-term surgical complications after radical hysterectomy-A nationwide cohort study. Acta Obstetricia et Gynecologica Scandinavica. 2020;99(7);925-932	2
9885	N. M. Selvaraj, T.Prakash, S.Raghavan, D.Khakhar, A., Acquired post cesarean uretero-uterine fistula - a rare entity. Urology Case Reports. 2020;33 (no pagination);	3
9886	C. P. D. A. Lombardi, A.Grani, G.Ramundo, V.Boscherini, M.Gordini, L.Marzi, F.Tedesco, S.Bocale, R., Endocrine surgery during COVID-19 pandemic: do we need an update of indications in Italy?. Endocrine. 2020;68(3);485-488	2
9887	S. A. Oussedik, M. P.Victor, J.Pagnano, M. W.Haddad, F. S., Alignment in total knee arthroplasty. Bone and Joint Journal. 2020;102 B(3);276-279	8
9888	L. V. Montemorano, M. H.Blumenfeld, M.O'Malley, D. M., Positive sentinel lymph node in a patient with clinical stage I vaginal cancer. Gynecologic Oncology Reports. 2020;33 (no pagination);	8
9889	K. C. Y. Hung, K. L.Huang, G. C.Chen, Y. F.Chang, W. T.Chuang, C. C., Cytoreduction surgery and hyperthermic intraperitoneal chemotherapy for treating advanced peritoneal metastases of hepatocellular carcinoma. Pleura and Peritoneum. 2020;5(2) (no pagination);	3

9890	L. D. Michael Brunt, D. J.Telem, D. A.Strasberg, S. M.Aggarwal, R.Asbun, H.Bonjer, J.McDonald, M.Alseidi, A.Ujiki, M.Riall, T. S.Hammill, C.Moulton, C. A.Pucher, P. H.Parks, R. W.Ansari, M. T.Connor, S.Dirks, R. C.Anderson, B.Altieri, M. S.Tsamalaidze, L.Stefanidis, D.Asbun, D.den Baaker, C.Boni, L.Campagna, R.Ceppa, E.Crandall, M.Davis, C.Deal, S.Dojels, S.Domiguez-Rosado, I.van Gastel, L.Gerard, J.Hashimoto, D.Harrison, E.Holden, S.Ignacio, R.Imventarz, O.Jeyarajah, R.Landin, M. K.Lawrence, C.Mesleh, M.Monafred, S.Paganini, A.Fernando Santos, B.Sikora, S.Schaffner, T.Stoikes, N.Su, B.Thomas, M.Veenstra, B.Abdelmoaty, W.Zwart, E., Safe cholecystectomy multi-society practice guideline and state-of-the-art consensus conference on prevention of bile duct injury during cholecystectomy. Surgical Endoscopy. 2020;34(7);2827-2855	8
9891	S. M. P. Kling, M. M., The effects of the COVID-19 pandemic on oncological surgery. Journal of Surgical Case Reports. 2020;2020(5) (no pagination);	8
9892	M. R. S. Kim, H. K., Unusual iodine-131 postablation whole-body scintigraphy patterns in patients after robot-assisted/endoscopic thyroidectomy: Case series. Clinical Case Reports. 2020;8(6);962-966	3
9893	M. R. Almansour, E.Alkharji, A.Alenizi, A. M., Robot-Assisted excision of pelvic extragonadal germ cell tumor. Urology Video Journal. 2020;7 (no pagination);	8
9894	N. M. Cespedes, M.Gomez, C.Cifuentes, C. A., Social Human-Robot Interaction for Gait Rehabilitation. IEEE Transactions on Neural Systems and Rehabilitation Engineering. 2020;28(6);1299-1307	2
9895	L. Mertz, Restoring the Sense of Touch: From 'Sci-Fi Dream' to Reality. IEEE Pulse. 2020;11(2);44785	8
9896	K. H. T. Clair, K. S., Robotic surgery for gynecologic cancers: indications, techniques and controversies. Journal of Obstetrics and Gynaecology Research. 2020;46(6);828-843	8
9897	A. S. C. Prabhu, A.Hope, W.Warren, J.Higgins, R.Jacob, B.Blatnik, J.Haskins, I.Alkhatib, H.Tastaldi, L.Fafaj, A.Tu, C.Rosen, M. J., Robotic inguinal vs transabdominal laparoscopic inguinal hernia repair the RIVAL randomized clinical trial. JAMA Surgery. 2020;155(5);380-387	12
9898	M. S. Zaatar, T.Valdivia, D.Mardanzai, K.Stefani, D.Collaud, S.Poellen, P.Hegedus, B.Ploenes, T.Aigner, C., Minimal-invasive approach reduces cardiopulmonary complications in elderly after lung cancer surgery. Journal of Thoracic Disease. 2020;12(5);2372-2379	2
9899	F. A. K. Begum, B.Morgan, S. D. J.Ahmed, S. S.Singh, S.Haddad, F. S., Robotic technology: Current concepts, operative techniques and emerging uses in unicompartmental knee arthroplasty. EFORT Open Reviews. 2020;5(5);312-318	5
9900	M. T. Yamazaki, T.Fujisaki, A.Kamimura, T.Mashiko, T.Fujimura, T., Robot-assisted partial nephrectomy of initial cases using a 3D square-block type kidney model. Translational Andrology and Urology. 2020;9(2);494-500	3
9901	M. B. P. Rothberg, T. C.Reynolds, C. R.Hemal, A. K., Long-term oncologic outcomes of positive surgical margins following robot-assisted partial nephrectomy. Translational Andrology and Urology. 2020;9(2);879-886	3
9902	U. G. M. Falagario, A.Pfail, J.Treacy, P. J.Okhawere, K. E.Dayal, B. D.Sfakianos, J. P.Abaza, R.Eun, D. D.Bhandari, A.Porter, J. R.Hemal, A. K.Badani, K. K., Does race impact functional outcomes in patients undergoing robotic partial nephrectomy?. Translational Andrology and Urology. 2020;9(2);863-869	3
9903	J. S. Cartucho, D.Ashrafian, H.Giannarou, S., Multimodal mixed reality visualisation for intraoperative surgical guidance. International Journal of Computer Assisted Radiology and Surgery. 2020;15(5);819-826	2

9904	M. S. S. Choo, H., Current trends in minimally invasive surgery for benign prostatic hyperplasia. [Korean]. Journal of the Korean Medical Association. 2020;63(2);119-125	8
9905	A. L. G. M. Morrell, A. C.Ribeiro, G. M. P. A. R.Santos, T. P. D.Frare, N.Ribeiro, D. M. F. R.Chamie, L. P.Serafini, P. C., Robotic Natural Orifice Specimen Extraction with Totally Intracorporeal Anastomosis Associated with Firefly Fluorescence: Bowel Resection for Deep Infiltrating Endometriosis. Journal of Gynecologic Surgery. 2020;36(3);128-135	3
9906	M. H. M. A. Alshyarba, A.Assiri, J. M. M.Alahmari, A. M. A., Treatment and overall survival in renal cell carcinoma. Bahrain Medical Bulletin. 2020;42(2);113-115	2
9907	K. B. Seay, B.Khutti, S.Frimer, M., A case of non-HPV related primary endometrioid adenocarcinoma of the cervix. Gynecologic Oncology Reports. 2020;32 (no pagination);	3
9908	A. A. T. Parsee, K. L.Ghayouri, M.Mehta, R.Latifi, K.Sweeney, J.Jeong, D.Ahmed, A., Rare Abdominal Wall Metastasis following Curative Resection of Gastric Cancer: What Can Be Learned from the Use of Percutaneous Catheters?. Case Reports in Oncological Medicine. 2020;2020 (no pagination);	8
9909	H. T. Salfity, B. C., VATS and Minimally Invasive Resection in Early-Stage NSCLC. Seminars in Respiratory and Critical Care Medicine. 2020;41(3);335-345	3
9910	K. R. M. Gupta, K. N.Dayal, B. D.Badani, K. K., Different approaches to robotic simple prostatectomy. Urology Video Journal. 2020;6 (no pagination);	8
9911	H. B. Xu, A. H.La Vega-Talbott, M.Zackai, S. P., Dexmedetomidine for Postoperative Sedation Following Stereotactic Lead Placement. Journal of Pediatric Neurology. 2020;18(3);157-160	2
9912	D. L. Coco, S., State-of-the-art of esophagectomy for cancer: From open to laparoscopic and robotic technique. Open Access Macedonian Journal of Medical Sciences. 2020;8(F);27-30	5
9913	J. L. Yong, Z. W.Yang, X. Y.Ng, T. K.Yuen, J. S., Robotic-assisted laparoscopic partial cystectomies (RAPC) for urachal diseases: Intuitive surgery for total umbilical tract excision and umbilectomy. Urology Video Journal. 2020;7 (no pagination);	8
9914	R. C. Saoud, B.Wideman, B.Chittiboina, P.Agarwal, P. K., Robotic assisted resection of an obturator nerve neurofibroma in the right iliac fossa. Urology Video Journal. 2020;7 (no pagination);	10
9915	A. S. A. Moten, A. E., Pneumonectomy is necessary following delayed detection of pulmonary artery compromise. Interactive Cardiovascular and Thoracic Surgery. 2020;30(1);154-155	2
9916	O. U. Yalkin, M. Y.Altintoprak, F.Muhtaroglu, A., Coexisting giant splenic artery aneurysm and non-functioning pancreatic neuroendocrine tumor. Pakistan Journal of Medical Sciences. 2020;36(4);843-845	3
9917	J. L. Sesti, J.Decker, J.Paul, S., Modified Blood Patch Used to Treat a High Output Chyle Leak After McKeown Esophagectomy. Annals of Thoracic Surgery. 2020;109(6);e401-e402	3
9918	J. C. Zhou, B. S. M.Barton-Smith, P.Phoon, J. W. L.Tan, T. Y.Viardot-Foucault, V.Ku, C. W.Tan, H. H.Chan, J. K. Y.Lee, Y. H., Peritoneal fluid cytokines reveal new insights of endometriosis subphenotypes. International Journal of Molecular Sciences. 2020;21(10) (no pagination);	2
9919	C. K. C. Roh, S.Seo, W. J.Cho, M.Son, T.Kim, H. I.Hyung, W. J., Indocyanine green fluorescence lymphography during gastrectomy after initial endoscopic submucosal dissection for early gastric cancer. British Journal of Surgery. 2020;107(6);712-719	2

9920	S. R. Luzzago, G.Pecoraro, A.Deuker, M.Stolzenbach, F.Mistretta, F. A.Tian, Z.Musi, G.Montanari, E.Shariat, S. F.Saad, F.Briganti, A.De Cobelli, O.Karakiewicz, P. I., Contemporary Rates and Predictors of Open Conversion During Minimally Invasive Radical Prostatectomy for Nonmetastatic Prostate Cancer. Journal of Endourology. 2020;34(5);600-607	2
9921	R. W. Zheng, O.Bradley, E.Lavu, H.Winter, J. R.Rosato, E. L.Palazzo, F.Yeo, C. J.Berger, A. C., Minimally invasive distal pancreatectomy is associated with decreased postoperative neutrophil to lymphocyte ratio. Journal of Pancreatic Cancer. 2020;6(1);32-39	2
9922	P. S. F. Kerr, H. H.Dafashy, T. J.Sreshta, J. N., A Minimally Invasive Approach To The Management Of Urethrovasocutaneous Fistula. Urology Video Journal. 2020;7 (no pagination);	3
9923	R. N. Bole, P.Gopalakrishna, A.Dodge, N.Manka, M.Viers, B. R., The appendix is a valuable reconstructive tool for robotic surgical management of complex right ureteral stricture disease. Urology Video Journal. 2020;7 (no pagination);	3
9924	G. B. Albanesi, C.Cecchi, E.Mogorovich, A.Salerno, M. G.Perutelli, A., Robot-assisted laparoscopic ureteroneocystostomy combined to hysterectomy for intrinsic ureteral and deep pelvic endometriosis: Video presentation. Journal of Endometriosis and Pelvic Pain Disorders. 2020;12(2);110-111	3
9925	J. J. Wolf, A.Herzog, T.Kendler, A.Wahab, S. A.Billingsley, C., A case of a unique presentation of a primary vaginal endometrioid adenocarcinoma arising in the setting of a recurrent peritoneal inclusion cyst fistulized to the vagina. Gynecologic Oncology Reports. 2020;33 (no pagination);	3
9926	S. T. Bisoffi, C.Sainati, L.Marzollo, A.Battistel, M.Fascetti Leon, F.Gamba, P., Robot-assisted splenectomy in a teenager with chronic autoimmune thrombocytopenia. Journal of Pediatric Surgery Case Reports. 2020;58 (no pagination);	3
9927	J. A. R. C. De Vermandois, G.Del Zingaro, M.Santoro, A.Panciarola, M.Boni, A.Marsico, M.Gaudio, G.Paladini, A.Guiggi, P.Cirocchi, R.Mearini, E., Evaluation of surgical site infection in mini-invasive urological surgery. Open Medicine (Poland). 2020;14(1);711-718	2
9928	S. N. Lunde, H. T. T.Petersen, K. K.Arendt-Nielsen, L.Krarup, H. B.Sogaard-Andersen, E., Chronic Postoperative Pain After Hysterectomy for Endometrial Cancer: A Metabolic Profiling Study. Molecular Pain. 2020;16;	3
9929	N. V. Nandanan, A.Antonelli, A.Derweesh, I.Mottrie, A.Minervini, A.Aron, M.Simone, G.Capitanio, U.Simeone, C.Eun, D.Perdona, S.Porter, J.Sundaram, C.Zhang, C.Uzzo, R.Challacombe, B.Hampton, L. J.Kaouk, J.Porpiglia, F.Autorino, R., Outcomes and predictors of benign histology in patients undergoing robotic partial or radical nephrectomy for renal masses: A multicenter study. Central European Journal of Urology. 2020;73(1);33-38	3
9930	Y. C. C. Ou, K. H.Tung, M. C.Tsai, I. J.Li-Hua, HuangWei-Chun, WengChao-Yu, HsuYi-Sheng, LinTang-Yi, Tsao, Building a nomogram for prediction of prostate cancer in patients with preoperatively suspected prostate cancer. Anticancer Research. 2020;40(5);2995-3002	3
9931	E. M. H. Von Meyenfeldt, F.Marres, G. M. H.Van Thiel, E. R. E.Marra, E.Marang-Van De Mheen, P. J.Schreurs, H. H., Variation in length of stay after minimally invasive lung resection: A reflection of perioperative care routines?. European Journal of Cardio-thoracic Surgery. 2020;57(4);747-753	2
9932	K. E. Nyangoh Timoh, I.Leveque, J.Lavoue, V., Robotic-assisted laparoscopy using hysteroscopy treatment of a residual cesarean scar pregnancy and isthmocele. Gynecologie Obstetrique Fertilite et Senologie. 2020;48(5);460-461	8
9933	A. B. Pacchetti, F.Mantica, G.Valcalda, M.Traverso, P.Camerini, G.Terrone, C., Totally intracorporeal robotic ileal interposition for iatrogenic complete ureteral avulsion: Technical considerations and outcomes of two cases. Urology Video Journal. 2020;6 (no pagination);	8

9934	H. S. Matsumoto, K.Azuma, H.Inoue, K.Uemura, H.Eto, M.Ohyama, C.Ogawa, O.Kikuchi, E.Kitamura, H.Shinohara, N.Takahashi, S.Tsuzuki, T.Nakagawa, M.Narumi, Y.Nishiyama, H.Habuchi, T.Hinotsu, S.Fujii, Y.Fujimoto, K.Fujimoto, H.Mizowaki, T.Matsuyama, H., Clinical Practice Guidelines for Bladder Cancer 2019 edition by the Japanese Urological Association: Revision working position paper. International Journal of Urology. 2020;27(5);362-368	8
9935	E. Z.-J. De Schlichting, J. F.Castrioto, A.Reyns, N.Chabardes, S., Reversible Focal Dystonia Secondary to Giant Perivascular Spaces. Stereotactic and Functional Neurosurgery. 2020;98(2);80-84	8
9936	R. R. S.-G. Bajpai, M. A.Razdan, S., Retrospective Cohort Analysis from a High-Volume Center of Prognostic Factors Affecting Biochemical Relapse in Patients with Encapsulated, Margin-Negative, Isolated Seminal Vesicle Invasion After Robot-Assisted Laparoscopic Prostatectomy: A Novel Study. Journal of Endourology. 2020;34(4);441-449	3
9937	F. G. Moro, B.Arciuolo, D.Bertoldo, V.Borzi, R.Romeo, P.Petta, F.Cambi, F.Pasciuto, T.Zannoni, G. F.Valentini, V.Manfredi, R.Scambia, G.Testa, A. C., Fusion imaging of ultrasound and MRI in the assessment of locally advanced cervical cancer: A prospective study. International Journal of Gynecological Cancer. 2020;30(4);466-472	2
9938	P. B. Bollars, A.Mievis, J.Kalaai, S.Schotanus, M. G. M.Janssen, D., Preliminary experience with an image-free handheld robot for total knee arthroplasty: 77 cases compared with a matched control group. European Journal of Orthopaedic Surgery and Traumatology. 2020;30(4);723-729	4
9939	X. K. Wen, S.Aroke, H.Taylor, L.Matteson, K. A., Chronic opioid use in women following hysterectomy: Patterns and predictors. Pharmacoepidemiology and Drug Safety. 2020;29(4);493-503	2
9940	C. S.-G. Esposito, A.Castagnetti, M.Cerulo, M.Del Conte, F.Esposito, G.Pecoraro, C.Cicala, D.Farina, A.Escolino, M., Laparoscopic or Robotic Deroofing Guided by Indocyanine Green Fluorescence and Perirenal Fat Tissue Wadding Technique of Pediatric Simple Renal Cysts. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2020;30(4);471-476	5
9941	D. M. Hojo, K.Nozawa, H.Kawai, K.Hata, K.Tanaka, T.Ishihara, S., Utility of a three-dimensional printed pelvic model for lateral pelvic lymph node dissection. International Journal of Colorectal Disease. 2020;35(5);905-910	2
9942	Q. G. Huang, L.Zhu, J.Peng, C.Du, S.Liu, Q.Chen, J.Wang, B.Fan, Y.Gao, Y.Fam, X.Wang, H.Liu, F.Guo, A.Li, H.Zhang, X.Ma, X., A three-dimensional, anatomy-based nephrometry score to guide nephron-sparing surgery for renal sinus tumors. Cancer. 2020;126(S9);2062-2072	2
9943	M. B. Carey, A.Pandeva, I.Pradhan, A.Slack, M., Preclinical evaluation of a new robot-assisted surgical system for use in gynecology minimal access surgery. Gynecological Surgery. 2020;17(1) (no pagination);	7
9944	G. G. Hwang, D.Warrick, J.Slonimsky, G., A Hyalinizing Clear Cell Carcinoma of the Base of Tongue. Ear, Nose and Throat Journal. 2020;99(4);237-238	8
9945	D. C. Roberson, R.Wein, A. J.Mucksavage, P., Chylous ascites following a right robotic assissted laparoscopic partial nephrectomy. Urology Case Reports. 2020;32 (no pagination);	5
9946	B. T. Babic, E.Gockel, I.Corvinus, F.Hadzijusufovic, E.Hoppe-Lotichius, M.Lang, H.van der Sluis, P. C.Grimminger, P. P., C-reactive Protein Levels After Esophagectomy Are Associated With Increased Surgical Trauma and Complications. Annals of Thoracic Surgery. 2020;109(5);1574-1583	2

9947	A. G. Briganti, G.Scuderi, S.Gallina, A.Colombo, R.Fossati, N.Barletta, F.Pellegrino, A.Nocera, L.Montorsi, F.Necchi, A., Surgical Safety of Radical Cystectomy and Pelvic Lymph Node Dissection Following Neoadjuvant Pembrolizumab in Patients with Bladder Cancer: Prospective Assessment of Perioperative Outcomes from the PURE-01 Trial. European Urology. 2020;77(5);576-580	5
9948	G. M. Cozzi, G.Ferro, M.Prestianni, P.Bianchi, R.Giulia, G.Alessandro, M. F.Luzzago, S.Pennacchioli, E.Cobelli, O. D., Robot-assisted inguinal lymphadenectomy: preliminary experience and perioperative outcomes from an Italian referral center. Therapeutic Advances in Urology. 2020;12;	2
9949	A. D. Dardano, G.Lupi, R.Napoli, N.Campani, D.Boggi, U.Del Prato, S.Miccoli, R., Nesidioblastosis and Insulinoma: A Rare Coexistence and a Therapeutic Challenge. Frontiers in Endocrinology. 2020;11 (no pagination);	2
9950	L. J. Gong, H.Yue, J.Duan, X.Tang, P.Ren, P.Zhao, X.Liu, X.Zhang, X.Yu, Z., Comparison of the short-term outcomes of robot-assisted minimally invasive, video-assisted minimally invasive, and open esophagectomy. Journal of Thoracic Disease. 2020;12(3);916-924	13
9951	D. M. S. Nguyen, I. S.Song, C.Reddy, R. M.Villamizar, N.Herrera, L. J.Shi, L.Liu, E.Rice, D.Oh, D. S., Clinical and economic comparative effectiveness of robotic-assisted, video-assisted thoracoscopic, and open lobectomy. Journal of Thoracic Disease. 2020;12(3);296-306	13
9952	E. K. I. Lim, O.Malhotra, T.Liang, D.Miller, M. A., Lower uterine segment involvement is a prognostic factor for recurrence in endometrial cancer a study of patient cohort treated with open and minimally invasive surgery. Journal of Reproductive Medicine. 2020;65(1);44787	2
9953	K. C. K. Yoon, T. H.Jeong, H. W.Lee, S. H.Kim, K. G.Chung, T.Kim, E., Band-pass filter for fluorescein interference rejection using microscope with surgical robot applications. International Journal of Pharma Medicine and Biological Sciences. 2020;9(1);18-22	8
9954	B. K. Stoykov, N.Dunev, V.Genov, P.Atanasov, J.Mateva, S., A rare case of huge villous adenoma of the renal pelvis deforming the abdominal wall. Urology Case Reports. 2020;31 (no pagination);	2
9955	J. T. Malone, D.Sinclair, J.Gaviolli, E.Malone, S., Delayed pseudoprogression of a vestibular schwannoma postradiosurgery. Radiology Case Reports. 2020;15(6);749-752	2
9956	A. J. M. Rosenbaum, K. J.Louie, M.Schiff, L. D.Carey, E. T., Postanesthesia care unit stay and complications after same-day discharge laparoscopic hysterectomy. Journal of Gynecologic Surgery. 2020;36(2);47-53	3
9957	R. R. Young, A. K. S.Smart, P.Warrier, S. K., Robotic complete mesocolic excision using indocyanine fluorescence imaging in colorectal cancer: A case study and technical approach. International Journal of Surgery Case Reports. 2020;69;32-34	2
9958	K. M. Matsuo, S.Mandelbaum, R. S.Matsushima, K.Klar, M.Grubbs, B. H.Roman, L. D.Wright, J. D., Association between hospital surgical volume and perioperative outcomes of fertility-sparing trachelectomy for cervical cancer: A national study in the United States. Gynecologic Oncology. 2020;157(1);173-180	2
9959	C. K. Ishii, H., Verification of validity of assessment items in training system for laparoscopic surgery. International Journal of Pharma Medicine and Biological Sciences. 2020;9(1);44725	2
9960	J. T. Li, X.Zhang, X.Zhao, G.Hu, M.Zhao, Z.Liu, R., Robotic radical surgery for hilar cholangiocarcinoma: A single-centre case series. International Journal of Medical Robotics and Computer Assisted Surgery. 2020;16(2) (no pagination);	5

9961	F. A. Di Benedetto, G.Magistri, P., Full robotic ALPPS for HCC with intrahepatic portal vein thrombosis. International Journal of Medical Robotics and Computer Assisted Surgery. 2020;16(2) (no pagination);	5
9962	M. F. Carlucci, V.Wong, M. C. Y.Damasio, M. B.Mattioli, G., Minimal invasive surgery of the distal ureter: indications, advantages and technical considerations from a single-center preliminary experience. Journal of Pediatric Endoscopic Surgery. 2020;2;	3
9963	R. S. Ravi, M.Sivakumar, R. K.Suganthapriya, C., Positive end-expiratory pressure as a novel method to thwart CO<inf>2</inf>leakage from capnothorax in robotic-Assisted thoracoscopic surgery. Indian Journal of Anaesthesia. 2020;64(2);145-147	2
9964	E. A. K. Kipriyanov, P. A.Vazhenin, I. A.Vazhenin, A. V., Radical prostatectomy and robotic radiosurgery as treatment options for localized prostate cancer. Siberian Journal of Oncology. 2020;19(1);50-56	3
9965	D. F. Ruebeta, F.Grau, S.Treuer, H.Hoevels, M.Kocher, M.Baues, C.Ruge, M. I., Stereotactic Radiosurgery of Cavernous Sinus Meningiomas. Journal of Neurological Surgery, Part B: Skull Base. 2020;81(2);158-164	2
9966	A. K. J. Martin, E. G.Edwards, H. D.Stany, M. P., Dedifferentiated endometrioid adenocarcinoma with trophoblastic components: Prolonged remission after treatment with bleomycin, etoposide, and cisplatin. Gynecologic Oncology Reports. 2020;32 (no pagination);	3
9967	M. B. Skrovina, V.Martinek, L.Machackova, M.Bartos, J.Andel, P.Stepanova, E.Bunakova, M.Vomackova, K., The significance of intraoperative fluorescence angiography in miniinvasive low rectal resections. Wideochirurgia I Inne Techniki Maloinwazyjne. 2020;15(1);43-48	3
9968	S. B. Aggarwal, A.Singla, V.Dash, N.Sharma, A., Adenocarcinoma of oesophagus involving gastro-oesophageal junction following mini-gastric bypass/one anastomosis gastric bypass. Journal of Minimal Access Surgery. 2020;16(2);175-178	3
9969	H. T. Garg, D.Nayak, B.Singh, P.Yadav, S.Kumar, R.Seth, A.Nayyar, R.Dogra, P., A comparative analysis of various surgical approaches of nephron-sparing surgery and correlation of histopathological grade with RENAL nephrometry score in renal cell carcinoma. Journal of Minimal Access Surgery. 2020;16(2);144-151	13
9970	A. J. H. Williamson, M.Awad, Z., Intraparotid lymph node metastasis from a nasal septal carcinoma: An unusual source of the unknown primary. BMJ Case Reports. 2020;13(2) (no pagination);	8
9971	G. T. T. Vu, B. X.McIntyre, R. S.Pham, H. Q.Phan, H. T.Ha, G. H.Gwee, K. K.Latkin, C. A.Ho, R. C. M.Ho, C. S. H., Modeling the research landscapes of artificial intelligence applications in diabetes (GAPresearch). International Journal of Environmental Research and Public Health. 2020;17(6) (no pagination);	3
9972	R. E. K. Reily, S. W.Kandil, E., Robotic assisted transaxillary thymectomy: Novel approach to thymic surgery. Head and Neck. 2020;42(4);803-806	8
9973	A. C. Pearce, C.Hajiran, A.Al-Omar, O., Robot-Assisted Laparoscopic Management of Persistent Mullerian Duct Structures in a Male Infant: A Novel Technique. Journal of Endourology Case Reports. 2020;6(1);35-38	3
9974	P. N. A. Pardalidis, N. A.Kosmaoglou, E. V.Pardalidis, V. N.Pardalidis, N. P., Urothelial Carcinoma Recurrence in an Ileal Orthotopic Neobladder 10 Years after Primary Robotic Radical Cystoprostatectomy. Journal of Endourology Case Reports. 2020;6(1);16-18	3
9975	M. S. Pramanik, A.Gupta, A.Chattopadhyay, M., Postoperative pulmonary complications in robot-assisted uro-oncological surgeries: Our experience in a tertiary cancer care centre. Indian Journal of Anaesthesia. 2020;64(3);238-241	8

9976	P. K. B. Mar, G. E.Mangray, S.Smith, S.Diefenbach, K. A., Robotic single-site cholecystectomy for a symptomatic duplicated gallbladder. Journal of Pediatric Surgery Case Reports. 2020;55 (no pagination);	3
9977	S. R. P. Killebrew, N. J.Lam, J. P.Zhai, Q.Lewis, M. D., It's not always cancer: ischemic colitis masquerading as a colonic mass. Gastrointestinal Endoscopy. 2020;91(4);954-955	8
9978	G. C. Yi, K.Omodon, M., CT findings of Meckel's diverticulum perforation in a geriatric patient. Radiology Case Reports. 2020;15(5);592-595	8
9979	P. P. C. Hsiue, C. J.Villalpando, C.Ponzio, D.Khoshbin, A.Stavrakis, A. I., Trends and patient factors associated with technology-assisted total hip arthroplasty in the United States from 2005 to 2014. Arthroplasty Today. 2020;6(1);112-117.e1	5
9980	K. R. L. McMahon, M.Beal, E.Merritt, R. E., Diaphragmatic Hernia Perforation Leading to Fecopneumothorax. Annals of Thoracic Surgery. 2020;109(4);e251-e253	8
9981	L. M. Ohlmann, H., Soft robotic in the construction of prosthetic heart valve: a novel approach. Journal of Medical Engineering and Technology. 2020;44(2);76-81	8
9982	N. K. Bromham, M.Hoskin, P.Davies, R. J., Colorectal cancer: Summary of NICE guidance. The BMJ. 2020;368 (no pagination);	8
9983	V. N. Taweerutchana, T.Chinswangwatanakul, V.Methasate, A.Akaraviputh, T.Swangsri, J.Trakarnsanga, A.Phalanusitthepha, C.Parakonthun, T.Yiengpruksawan, A.Srisuworanan, N., Outcome of robotic approach for bariatric surgery: Our initial experience in siriraj hospital. Journal of the Medical Association of Thailand. 2020;103(2);93-99	5
9984	G. W. T. Britz, J.Lumsden, A., Feasibility of Robotic-Assisted Neurovascular Interventions: Initial Experience in Flow Model and Porcine Model. Clinical Neurosurgery. 2020;86(2);309-314	7
9985	A. K. Gudeloglu, G.Altan, M.Ergen, A., Micro-doppler ultrasonography-assisted microsurgical varicocelectomy: First time in Turkiye. Journal of Urological Surgery. 2020;7(1);46-49	3
9986	P. H. Kumar, Z.Hela, A. H.Goel, R., To study the outcome of inguinal hernia repair with sutureless self-gripping mesh in terms of postoperative pain, complications and recurrence. JK Science. 2020;22(1);32-35	2
9987	K. C. Zhang, L., Chinese consensus on the diagnosis and treatment of gastric cancer with liver metastases. Therapeutic Advances in Medical Oncology. 2020;12;	2
9988	T. B. H. Torina, E. L.Chun, J. M.Zaloga, W.Alderink, C.Abdeen, Y., An Unusual Occurrence of Multiple Metachronous and Synchronous Primary Cancers in a Female Patient. Case Reports in Oncological Medicine. 2020;2020 (no pagination);	3
9989	Y. S. Maruyama, T.Araki, M.Mitsui, Y.Wada, K.Rodrigo, A. G. H.Munetomo, K.Kobayashi, Y.Watanabe, M.Yanai, H.Watanabe, T.Nasu, Y., Factors predicting pathological upgrading after prostatectomy in patients with gleason grade group 1 prostate cancer based on opinion-matched biopsy specimens. Molecular and Clinical Oncology. 2020;12(4);384-389	2
9990	N. V. Gupta, M.Kajstura, T. J.Han, M.Trock, B.Gehrie, E. A.Frank, S. M.Bivalacqua, T. J., Reducing preoperative blood orders and costs for radical prostatectomy. Journal of Comparative Effectiveness Research. 2020;9(3);219-226	3
9991	T. C. H. Boswell, K. J.Tollefson, M. K.Viers, B. R., Robotic urethral reconstruction: Redefining the paradigm of posterior urethroplasty. Translational Andrology and Urology. 2020;9(1);121-131	3

9992	W. O. C. Baas, B.Welliver, C.Stahl, P. J.Stember, D. S.Wilson, S. K.Kohler, T. S., Worldwide trends in penile implantation surgery: Data from over 63,000 implants. Translational Andrology and Urology. 2020;9(1);31-37	2
9993	F. B. Narducci, E.Paget-Bailly, S.Saadeh, R.Le Deley, M. C.Riedl, C.Borghesi, Y.Vanseymortier, M.Delbrouck, D.Hudry, D.Leblanc, E., Risk Factors, Morbidity, and Quality of Life Associated with Same-Day Discharge in Gynecologic Oncology. Indian Journal of Gynecologic Oncology. 2020;18(1) (no pagination);	3
9994	J. R. M. Howe, N. B.Conrad, C.Keutgen, X. M.Hallet, J.Drebin, J. A.Minter, R. M.Lairmore, T. C.Tseng, J. F.Zeh, H. J.Libutti, S. K.Singh, G.Lee, J. E.Hope, T. A.Kim, M. K.Menda, Y.Halfdanarson, T. R.Chan, J. A.Pommier, R. F., The North American Neuroendocrine Tumor Society Consensus Paper on the Surgical Management of Pancreatic Neuroendocrine Tumors. Pancreas. 2020;49(1);1-33	8
9995	C. S. Supsamutchai, T.Wilasrusmee, C.Ovartchaiyapong, P.Jirasiritham, J.Choikrua, P.Hiranyatheb, P., Wedge gastrectomy: Robot-assisted with a hand-sewn repair versus a laparoscopic linear stapler technique for gastric subepithelial tumors. Laparoscopic, Endoscopic, and Robotic Surgery. 2020;3(1);17-21	12
9996	M. V. W. Rodriguez, A.Gundeti, M. S., Robotic Bladder Neck Reconstruction With Mitrofanoff Appendicovesicostomy in a Neurogenic Bladder Patient. Urology. 2020;137;206-207	3
9997	S. P. Panteleimonitis, O.Ahmad, M.Harper, M.Qureshi, T.Figueiredo, N.Parvaiz, A., Robotic rectal cancer surgery: Results from a European multicentre case series of 240 resections and comparative analysis between cases performed with the da Vinci Si and Xi systems. Laparoscopic, Endoscopic, and Robotic Surgery. 2020;3(1);44723	3
9998	Y. N.-A. Quijano, J.Ielpo, B.Ferri, V.Caruso, R.Duran, H.Diaz, E.Malave, L.Fabra, I.Pinna, E.Isernia, R.Hidalgo, A.Vicente, E., Robotic versus laparoscopic surgery for rectal cancer: a comparative cost-effectiveness study. Techniques in Coloproctology. 2020;24(3);247-254	4
9999	M. L. Neron, E.Thezenas, S.Leaha, C.Kerr, C.Gonzague, L.Provansal, M.Colombo, P. E.Fabbro, M., Impact of time to radiation therapy in adjuvant settings in endometrial carcinoma: A multicentric retrospective study. European Journal of Obstetrics and Gynecology and Reproductive Biology. 2020;247;121-126	5
10000	H. S. L. Park, J.Lee, H.Lee, K.Song, S. Y.Toesca, A., Development of robotic mastectomy using a single-port surgical robot system. Journal of Breast Cancer. 2020;23(1);107-112	8
10001	C. K. S. Roh, S. Y.Lee, S. Y.Hur, H.Han, S. U., Clinical pathway for enhanced recovery after surgery for gastric cancer: A prospective single-center phase II clinical trial for safety and efficacy. Journal of Surgical Oncology. 2020;121(4);662-669	2
10002	H. M. Nasser, S.Kindel, T. L.Gould, J. C.Higgins, R. M., Comparative analysis of robotic versus laparoscopic revisional bariatric surgery: perioperative outcomes from the MBSAQIP database. Surgery for Obesity and Related Diseases. 2020;16(3);397-405	12
10003	L. P. L. O'Connor, A. H.Brems, J.Wang, A. Z.Linehan, W. M.Ball, M. W., Salvage robotic transmesenteric off-clamp partial nephrectomy after multiple prior open kidney surgeries. Urology Case Reports. 2020;30 (no pagination);	3
10004	K. A. Karamik, Y.Yildiz, A.Erol, I.Islamoglu, E.Ates, M.Olcucu, T.Yilmaz, K.Savas, M., Predictive role of de ritis ratio in biochemical recurrence after radical prostatectomy. Haseki Tip Bulteni. 2020;58(1);84-93	2
10005	Y. G. C. Tan, K.Sim, A. S. P., Robotic anatrophic nephrolithotomy: An alternative in managing complex renal stone. Urology Video Journal. 2020;5 (no pagination);	3

10006	W. M. Yamagami, M.Nagase, S.Tabata, T.Kobayashi, Y.Kaneuchi, M.Kobayashi, H.Yamada, H.Hasegawa, K.Fujiwara, H.Katabuchi, H.Aoki, D., Japan society of gynecologic oncology 2018 guidelines for treatment of uterine body neoplasms. Journal of Gynecologic Oncology. 2020;31(1) (no pagination);	8
10007	M. M. Renz, N.Devereaux, K.Raghavan, S.Folkins, A. K.Karam, A., Immediate intraoperative sentinel lymph node analysis by frozen section is predictive of lymph node metastasis in endometrial cancer. Journal of Robotic Surgery. 2020;14(1);35-40	2
10008	N. D. B. Clement, A.Simpson, P.Macpherson, G.Patton, J. T.Hamilton, D. F., Robotic-assisted unicompartmental knee arthroplasty has a greater early functional outcome when compared to manual total knee arthroplasty for isolated medial compartment arthritis. Bone and Joint Research. 2020;9(1);15-22	12
10009	Y. L. Yao, Y.Li, Z.Yi, B.Wang, G.Zhu, S., Chinese surgical robot micro hand S: A consecutive case series in general surgery. International Journal of Surgery. 2020;75;55-59	3
10010	Y. A. S. Lyons, J. M.Gonzalez Bosquet, J.Goodheart, M. J., Gynecologic Oncology: Challenges of Minimally Invasive Surgery in a Field of Maximal Complexities. Clinical Obstetrics and Gynecology. 2020;63(1);30-39	3
10011	C. G. Beltzer, K.Bachmann, R.Axt, S.Dippel, H.Schmidt, R., Robotic multiport versus robotic single-site cholecystectomy: a retrospective single-centre experience of 142 cases. European Surgery - Acta Chirurgica Austriaca. 2020;52(1);16-21	3
10012	A. W. Veccia, S.Balthazar, A.Hampton, L. J.Autorino, R., Simplified transvesical robot-assisted simple prostatectomy: Technical nuances. Urology Video Journal. 2020;5 (no pagination);	8
10013	G. A. Sawczyn, A.Garisto, J.Valero, R.Kaouk, J., Single-port transvesical robotic simple prostatectomy using the novel SP surgical system: Technical aspects. Urology Video Journal. 2020;5 (no pagination);	8
10014	L. E. A.-M. Sanchez-Velasco, M.Guzman-Ramirez, E.Lugo-Gonzalez, E., A Low-Cost EMG-Controlled Anthropomorphic Robotic Hand for Power and Precision Grasp. Biocybernetics and Biomedical Engineering. 2020;40(1);221-237	2
10015	C. H. C. Yee, P. K. F.Teoh, J. Y. C.Wong, J. H. M.Chan, C. K.Hou, S. M.Ng, C. F., Technique of total robotic augmentation gastrocystoplasty. Urology Video Journal. 2020;5 (no pagination);	3
10016	M. M. Thomas, I. A.Francis, D. L.Wolfsen, H. C.Bowers, S. P., Squamous Cell Carcinoma in Lichen Planus of the Esophagus. Annals of Thoracic Surgery. 2020;109(2);e83-e85	2
10017	P. R. Prakash, R.Tandon, N.Kumar, R., Open surgery for pheochromocytoma: Current indications and outcomes from a retrospective cohort. Indian Journal of Urology. 2020;36(1);21-25	2
10018	Z. G. T. Gul, A.Badani, K. K., Robotic partial nephrectomy: The current status. Indian Journal of Urology. 2020;36(1);16-20	5
10019	S. V. H. Klompmaker, J.Wellner, U. F.Busch, O. R.Coratti, A.D'Hondt, M.Dokmak, S.Festen, S.Kerem, M.Khatkov, I.Lips, D. J.Lombardo, C.Luyer, M.Manzoni, A.Molenaar, I. Q.Rosso, E.Saint-Marc, O.Vansteenkiste, F.Wittel, U. A.Bonsing, B.Groot Koerkamp, B.Abu Hilal, M.Fuks, D.Poves, I.Keck, T.Boggi, U.Besselink, M. G., Outcomes after minimally-invasive versus open pancreatoduodenectomy: A pan-european propensity score matched study. Annals of Surgery. 2020;271(2);356-363	2

10020	J. D. Gagniere, A.Gholami, S. S.Pezet, D.Boerner, T.Gonen, M.Kingham, T. P.Allen, P. J.Balachandran, V. P.De Matteo, R. P.Drebin, J. A.Yaeger, R.Kemeny, N. E.Jarnagin, W. R.D'Angelica, M. I., Is Hepatectomy Justified for BRAF Mutant Colorectal Liver Metastases?: A Multi-institutional Analysis of 1497 Patients. Annals of Surgery. 2020;271(1);147-154	2
10021	H. I. Anil, E.Ozsoy, C.Ates, M.Savas, M., Atypical Early Recurrence after Robot-Assisted Radical Cystectomy: Port-Site Metastasis. Current Urology. 2020;13(4);214-216	3
10022	S. N. H. Harper, L. P.Ferrandino, M. N.Moul, J. W., Acute Presentation of Previously Unrecognized Congenital Ureteropelvic Junction Obstruction 5 Weeks After Radical Retropubic Prostatectomy. Urology. 2020;135;20-23	8
10023	F. T. Sellal, L., The Babinski sign in Renaissance paintings - A reappraisal of the toe phenomenon in representations of the Christ Child: Observational analysis. The BMJ. 2020;371 (no pagination);	2
10024	J. E. Garisto, M.Bertolo, R.Miller, E.Wee, A.Kaouk, J., Single port robot-assisted transperitoneal kidney transplant using the SP surgical system in a pre-clinical model. International braz j urol : official journal of the Brazilian Society of Urology. 2020;46(4);680-681	8
10025	J. M. H. Y. Hendriks, S. K.Berzenji, L.Goedeme, J.Lauwers, P.Van Schil, P., Robotic-assisted thoracoscopic lobectomy of the right middle lobe. Multimedia manual of cardiothoracic surgery : MMCTS. 2020;;	3
10026	A. N. Henkens, E.De Beco, G.El Khoury, G., Minimally invasive robotic excision of a cardiac septal neuroendocrine metastasis. Multimedia manual of cardiothoracic surgery : MMCTS. 2020;;	3
10027	S. Ozawa, Minimally Invasive Surgery for Esophageal Cancer in Japan. Annals of thoracic and cardiovascular surgery : official journal of the Association of Thoracic and Cardiovascular Surgeons of Asia. 2020;26(4);179-183	8
10028	G. D. Ploussard, O.Thomas, L.Benamran, D.Parra, J.Vaessen, C.Skowron, O.Roupret, M.Leclers, F., Multi-Institutional Assessment of Routine Same Day Discharge Surgery for Robot-Assisted Radical Prostatectomy. The Journal of urology. 2020;204(5);956-961	3
10029	K. E. I. Foley, K. M.Von Muchow, M. G.Bastawrous, A. L.Cleary, R. K.Soliman, M. K., Colon and rectal surgery robotic training programs: An evaluation of gender disparities. Diseases of the Colon and Rectum. 2020;63(7);974-979	2
10030	A. G. Minervini, A. A.Di Maida, F.Mari, A.Vittori, G.Muto, G.Carini, M., How far is too far? Exploring the indications for robotic partial nephrectomy in a highly complex kidney tumor. International braz j urol : official journal of the Brazilian Society of Urology. 2020;46(5);871-872	8
10031	F. F. Zambianchi, G.Rivi, E.Banchelli, F.Marcovigi, A.Khabbaze, C.Catani, F., Clinical results and short-term survivorship of robotic-arm-assisted medial and lateral unicompartmental knee arthroplasty. Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA. 2020;28(5);1551-1559	3
10032	V. V. G. Simianu, W. B.Kuntz, K.Kwaan, M. R.Lowry, A. C.Madoff, R. D.Jensen, C. C., Cost-effectiveness Evaluation of Laparoscopic Versus Robotic Minimally Invasive Colectomy. Annals of surgery. 2020;272(2);334-341	4
10033	M. O. Hashimoto, T.Balkhy, H., Robotic off-pump totally endoscopic hand-sewn coronary artery bypass using in-situ bilateral internal mammary artery. Multimedia manual of cardiothoracic surgery : MMCTS. 2020;;	8

10034	N. R. Ivey, S. N.Bolton, W.Stephenson, J.Ben-Or, S., Robotic resection of an esophageal leiomyoma. Multimedia manual of cardiothoracic surgery : MMCTS. 2020;;	8
10035	N. K. Napoli, E. F.Menonna, F.Iacopi, S.Cacace, C.Boggi, U., Robot-Assisted Radical Antegrade Modular Pancreatosplenectomy Including Resection and Reconstruction of the Spleno-Mesenteric Junction. Journal of visualized experiments : JoVE. 2020;;	3
10036	E. Z. Kacmaz, M. J. W.Engelsman, A. F.Busch, O. R.Nieveen van Dijkum, E. J. M.Besselink, M. G., Robotic Enucleation of an Intra-Pancreatic Insulinoma in the Pancreatic Head. Journal of visualized experiments : JoVE. 2020;;	3
10037	V. N. d. M. Palter, S. L., Implementing new surgical technology: a national perspective on case volume requirement for proficiency in transanal total mesorectal excision. Canadian journal of surgery. 2020;Journal canadien de chirurgie. 63(1);E21-E26	3
10038	C. G. Li, X.Xiao, X.Lim, C. M.Ren, H., Cadaveric feasibility study of a teleoperated parallel continuum robot with variable stiffness for transoral surgery. Medical and Biological Engineering and Computing. 2020;58(9);2063-2069	7
10039	T. F. W. v. M. Soeterik, H. H. E.Dijksman, L. M.Stomps, S.Witjes, J. A.van Basten, J. P. A., Nerve Sparing during Robot-Assisted Radical Prostatectomy Increases the Risk of Ipsilateral Positive Surgical Margins. The Journal of urology. 2020;204(1);91-95	3
10040	M. C. Del Zingaro, G.Gaudio, G.Tiezzi, A.Paladini, A.de Vermandois, J. A. R.Mearini, E., Robotic conservative treatment for prostatourethrorectal fistula: original technique step by step. International braz j urol : official journal of the Brazilian Society of Urology. 2020;46(3);481-482	8
10041	R. W. Caso, J. O., Esophagogastric Anastomotic Techniques for Minimally Invasive and Robotic Ivor Lewis Operations. Operative Techniques in Thoracic and Cardiovascular Surgery. 2020;25(2);105-123	8
10042	J. D. S. Baker, A. J.Basques, B. A.DeWald, C. J., Robotic-assisted spine surgery: Application of preoperative and intraoperative imaging. Seminars in Spine Surgery. 2020;32(2) (no pagination);	8
10043	J. D. Z. Voogd, C. I., Cerebellum: What is in a Name? Historical Origins and First Use of This Anatomical Term. Cerebellum. 2020;19(4);550-561	8
10044	F. B. Tonelli, G., The modern vision of the vascular anatomy of the liver by Leonardo da Vinci. Surgery (United States). 2020;167(6);912-916	2
10045	M. P. Tobias-Machado, C. L.Borges, R. C., Robot-assisted transvesical partial cystectomy for leiomyoma of bladder trigone. International braz j urol : official journal of the Brazilian Society of Urology. 2020;46(2);300	3
10046	J. C. A. T. Neves, D.Dewes, W.Larrabee, W., The split preservation rhinoplasty: "the Vitruvian Man split maneuver". European Journal of Plastic Surgery. 2020;43(3);323-333	2
10047	S. T. P. Makkai-Popa, B.Arru, L.Blasi, V.Goergen, M.Azagra, J. S., Minimally Invasive Adrenalectomy: Technical Aspects of the Laparoscopic and the Robotic Approach. Chirurgia (Bucharest, Romania : 1990). 2020;115(1);80-88	5
10048	J. C. Selber, The Robotic DIEP Flap. Plastic and reconstructive surgery. 2020;145(2);340-343	3
10049	V. B. Tam, J.Dunn, S. A.Bellon, J.Zeh, H. J.Hogg, M. E., Proficiency-based training and credentialing can improve patient outcomes and decrease cost to a hospital system. American Journal of Surgery. 2019;217(4);591-596	4

10050	F. D. M. Guerra, M.Coratti, A., Robotic Surgery of the Liver and Biliary Tract. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2019;29(2);141-146	8
10051	B. A. Jiang, T. D.Cottrill, E.Zygourakis, C. C.Zhu, A. M.Crawford, N.Theodore, N., New spinal robotic technologies. Frontiers of medicine. 2019;13(6);723-729	8
10052	M. A. S. Machado, R.Basseres, T.Ardengh, A.Makdissi, F., Robotic pancreaticoduodenectomy after Roux-en-Y gastric bypass - Video article. Surgical oncology. 2019;29;118-119	8
10053	I. A. Balescu, O.Grasu, M.Badiu, C.Tomulescu, V.Copaescu, C., Partial Adrenalectomy - Arguments for the Minimally Invasive Surgical Approach. Chirurgia (Bucharest, Romania : 1990). 2019;114(5);611-621	2
10054	K. B. Lim Ng, N., Hidroablacion prostatica (Aquablation): Una nueva cirugia ablativa por chorro de agua guiada por ecografia y robotizada, eficaz en el tratamiento de la hiperplasia benigna de prostata, Prostatic hydroablation (Aquablation): A new effective ultrasound guided robotic waterjet ablative surgery for treatment of benign prostatic hyperplasia. Archivos espanoles de urologia. 2019;72(8);786-793	3
10055	F. d. C. Vedovo, B.Zeccolini, G.Silvestri, T.Celia, A., New technologies for old procedures: when Firefly improves robotic bladder diverticulectomy. International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(5);1080	8
10056	M. G. Casiraghi, D.Borri, A.Tessitore, A.Romano, R.Diotti, C.Brambilla, D.Maisonneuve, P.Spaggiari, L., Erratum to: Ten Years' Experience in Robotic-Assisted Thoracic Surgery for Early Stage Lung Cancer. The Thoracic and cardiovascular surgeon.. 2019;4;	8
10057	C. Printz, Rethinking a common surgery technique for early cervical cancer: Experts are reconsidering the use of minimally invasive radical hysterectomy as a treatment for early cervical cancer after multiple studies found that patients who undergo the procedure by either laparoscopy or robotic surgery have poorer outcomes. Cancer. 2019;125(20);3485-3487	8
10058	R. Jones, Books: Leonardo da Vinci: Under the Skin: A Life in Drawing. The British journal of general practice : the journal of the Royal College of General Practitioners. 2019;69(687);513	2
10059	V. N. F. O. Queiroz, A. D. C. M.Chaves, R. C. F.Moura, L. A. B.Cesar, D. S.Takaoka, F.Serpa Neto, A., Methodological description of clinical research data collection through electronic medical records in a center participating in an international multicenter study. Einstein (Sao Paulo, Brazil). 2019;17(4);eAE4791	2
10060	M. P. Tobias-Machado, C. L.Faria, E. F.Dauster, B.Genes, W. E. P.Nishimoto, R. H., Robot-assisted Simple Prostatectomy with Tunnel-Shaped Trigonization (RASP-TST) - A Novel Technique. International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(4);858	3
10061	F. L. Zhang, H.Ba, Z.Bo, C.Li, K., Robotic arm-assisted vs conventional unicompartmental knee arthroplasty: A meta-analysis of the effects on clinical outcomes. Medicine. 2019;98(35);e16968	5
10062	M. Y. Gachabayov, K.Kim, S. H.Yamaguchi, T.Jimenez-Rodriguez, R.Kuo, L. J.Cianchi, F.Staderini, F.Bergamaschi, R., Meta-Analysis of the Impact of the Learning Curve in Robotic Rectal Cancer Surgery on Histopathologic Outcomes. Surgical technology international. 2019;34;139-155	8
10063	Drks, Peritoneal flap as Lymphocele prophylaxis following robotic-assisted (DaVinci Â® System, Intuitive SurgicalÂ®), laparoscopic radical prostatectomy with pelvic lymph node dissection. https://trialsearch.who.int/Trial2.aspx?TrialID=DRKS00016794. 2019;;	8

10064	D. W. Glassman, L.Lewis, A.King, H.Clarke, A.Glassman, T.Comstock, B.Hannaford, B.Lendvay, T. S., Raven surgical robot training in preparation for da vinci. Studies in health technology and informatics. 2014;196;135 -141	4
10065	U. S. Walliczek-Dworschak, M.Dworschak, P.Diogo, I.Ecke, A.Mandapathil, M.Teymoortash, A.Güldner, C., The effect of different training exercises on the performance outcome on the da Vinci Skills Simulator. Surgical endoscopy. 2017;31;2397 -2405	5
10066	Q. Z. He, J.Fan, Z.Zhuang, D.Zheng, L.Zhou, P.Yue, T.Yu, F.Hou, L.Dong, X.et al.,, Robotic thyroidectomy with central neck dissection using axillo-bilateral-breast approach: a comparison to open conventional approach. Zhonghua wai ke za zhi [Chinese journal of surgery]. 2016;54;51 -55	12
10067	U. Jprn, Robot-assisted laparoscopic radical prostatectomy. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000002258. 2009;;	8
10068	U. Jprn, clinical study of Robot-Assisted Radical Cystectomy for invasive bladder cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000028469. 2017;;	8
10069	U. Jprn, Clinical research of robot-assited laparoscopic prostatectomy in Gifu Prefecture. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000019686. 2015;;	8
10070	U. Jprn, Clinical research of robot-assisted laparoscopic reconstruction for urinary tract. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000019679. 2015;;	8
10071	U. Jprn, Clinical research of robot-assisted laparoscopic radical cystectomy. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000019553. 2015;;	8
10072	U. Jprn, Robot-assisted minimally invasive cardiac revascularization. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000002433. 2009;;	8
10073	U. Jprn, Robot- assisted radical cystectomy. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000002270. 2009;;	8
10074	S. J. Y. Clarke, S.Brown, C.van Hazel, G. A.Ransom, D. T.Goldstein, D.Jeffrey, G. M.Tebbutt, N. C.Buck, M.Lowenthal, R. M.et al.,, Single-agent irinotecan or FOLFIRI as second-line chemotherapy for advanced colorectal cancer; results of a randomised phase II study (DaVINCI) and meta-analysis. European journal of cancer (Oxford, England : 1990). 2011;47;1826 -1836	8
10075	S. J. Y. Clarke, S.Brown, C.Van Hazel, G. A.Ransom, D. T.Goldstein, D.Jeffrey, G. M.Tebbutt, N. C.Buck, M.Lowenthal, R. M.et al.,, Single-agent irinotecan or 5-fluorouracil and leucovorin (FOLFIRI) as second-line chemotherapy for advanced colorectal cancer; Results of a randomised phase II study (DaVINCI) and meta-analysis. European journal of cancer. 2011;47;1826 -1836	8
10076	Isrctn, RObotic versus conventional LAparoscopic Fundoplication: a randomised controlled double-blind assessment of quality of life. https://trialsearch.who.int/Trial2.aspx?TrialID=ISRCTN03806561. 2008;;	8
10077	Nct, Difference in Pain, Quality of Life Following Vaginal Hysterectomy With Vaginal Reconstruction Versus Robotic Colpopexy?. https://clinicaltrials.gov/show/NCT02049996. 2014;;	8
10078	Nct, Conventional Versus Robot Assisted Laparoscopic Inguinal Hernia Repair. https://clinicaltrials.gov/show/NCT03904888. 2019;;	8
10079	Nct, RAMIE Versus MIE for Resectable Esophageal Cancer, a Randomized Controlled Trial (ROBOT-2 Trial). https://clinicaltrials.gov/show/NCT04306458. 2020;;	8
10080	C. I. Chi, A randomized clinical trial of Da Vinci robot VS laparoscopic radical gastrectomy. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR-INR-17010404. 2017;;	3

10081	C. I. Chi, A randomized clinical trial of Da Vinci robot VS laparoscopic radical resection for colorectal cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR-INR-17010401. 2017;;	3
10082	U. Jprn, The study of utility and safety of robot-assisted thoracic surgery using da Vinci for lung tumor and mediastinal tumor. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000027289. 2017;;	3
10083	U. Jprn, Clinical study of robotic assisted laparoscopic partial nephrectomy using da Vinci Si surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000021362. 2016;;	3
10084	S. M. C. Wren, M. J., Single-port robotic cholecystectomy: results from a first human use clinical study of the new da Vinci single-site surgical platform. Archives of surgery (Chicago, Ill. : 1960). 2011;146;1122 - 1127	12
10085	K. A. Shah, R., Comparison of intraoperative outcomes using the new and old generation da Vinci® robot for robot-assisted laparoscopic prostatectomy. BJU international. 2011;108;1642 - 1645	3
10086	Nct, Clinical Trial Comparing Conventional and Robot-assisted(Da Vinci®)Laparoscopic Interventions for Hysterectomy. https://clinicaltrials.gov/show/NCT00683293. 2008;;	8
10087	Nct, A Randomized Cross-over Trial of Comparison Between Robotic and Laparoscopic Suturing for Gastric Defect by Novices. https://clinicaltrials.gov/show/NCT02235636. 2014;;	8
10088	U. Jprn, Robot (Da Vinci) -assisted colorectal surgery. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000017085. 2015;;	3
10089	U. Jprn, the study of utility and safety for robotassisted laparoscopic hysterectomy and pelvic lymphadenectomy using da Vinci S surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000009653. 2012;;	3
10090	U. Jprn, A prospective study for assessing the effectiveness and safety of mediastinal tumor resection and extended thymectomy for myasthenia gravis by using the surgical robot system (da vinci S). https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000009696. 2013;;	3
10091	U. Jprn, Clinical study of Robot-assisted surgery using da Vinci S HD Surgical System for primary lung cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000009878. 2013;;	3
10092	U. Jprn, Safety and effectiveness of robotic assisted laparoscopic partial nephrectomy using da Vinci S surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000009780. 2013;;	3
10093	U. Jprn, Clinical study of robot-assisted otolaryngological and head & neck surgery using da Vinci Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000007776. 2012;;	3
10094	U. Jprn, Clinical study of Robot-assisted surgery using da Vinci S HD Surgical System for mediastinal tumors. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000006535. 2011;;	3
10095	U. Jprn, Study for efficacy and safety of robot-assisted thoracoscopic lung resection for lung cancer patients using da Vinci surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000022176. 2016;;	3

10096	U. Jprn, Study for efficacy and safety of robot-assisted thoracoscopic mediastinal tumor resection using da Vinci surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000022175. 2016;;	3
10097	U. Jprn, Clinical application of robot-assisted thoracoscopic surgery using da Vinci S HD surgical system for mediastinal diseases. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000018588. 2015;;	3
10098	U. Jprn, Clinical Study for Robot assisted laparoscopic urologic surgery with da Vinci Si Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000011317. 2013;;	3
10099	U. Jprn, Clinical trial on safety of robotic gastrectomy using a da Vinci surgical system for resectable gastric cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000027969. 2017;;	3
10100	U. Jprn, Optimization of respiratory management based on the Oxygen Reserved Index(ORI)for the RALP(Robotic Assisted Laparoscopic Prostatectomy)under da Vinci. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000030283. 2017;;	3
10101	U. Jprn, The safety and efficacy of extended or partially extended hysterectomy assisted by the da Vinci Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000030134. 2017;;	3
10102	U. Jprn, An evaluation study of efficacy and safety of robotic radical cystectomy with da Vinci Surgical System for bladder cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000030274. 2017;;	3
10103	U. Jprn, An evaluation study of efficacy and safety of Robotic low anterior resection with da Vinci Surgical System for rectal cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000030371. 2017;;	3
10104	U. Jprn, An evaluation study of efficacy and safety of Robotic total gastrectomy with da Vinci Surgical System for gastric cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000030370. 2017;;	3
10105	U. Jprn, A clinical study for robotic-assisted hysterectomy with da Vinci Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000031530. 2018;;	3
10106	U. Jprn, Pilot study of robot-assisted rectal cancer surgery using the da Vinci Xi Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000031647. 2018;;	3
10107	U. Jprn, Study of safety and efficacy of intrathoracic artery harvest with da Vinci surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000031300. 2018;;	3
10108	U. Jprn, An evaluation study fo efficacy and safety ob Robotic total hysterectomy with Da vinci Surgical System for uterine cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000030406. 2017;;	3
10109	U. Jprn, An evaluation study of efficacy and safety of Robotic pulmonary lobectomy with Da Vinci Surgical System for Lung cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000030358. 2017;;	3
10110	U. Jprn, Clinical study of Robot-assisted surgery using da Vinci S or Si HD Surgical System for primary lung cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000031485. 2018;;	3

10111	U. Jprn, An evaluation study of efficacy and safety of Robotic distal gastrectomy with da Vinci Surgical System for gastric cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000030369. 2017;;	3
10112	U. Jprn, Clinical study of Robot-assisted thoracoscopic surgery using da Vinci Si Surgical System for lung cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000016246. 2015;;	3
10113	U. Jprn, Robot assisted distal gastrectomy using da Vinci S for gastric cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000025700. 2017;;	3
10114	U. Jprn, Study of the usefulness and safety of a robot support operation using da Vinci S(Si) Surgical System for General Thoracic Surgery. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000014647. 2014;;	3
10115	U. Jprn, Study of the usefulness and safety of a robot support operation using da Vinci Si operation system for colorectal cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000014349. 2014;;	3
10116	U. Jprn, The evaluation for safety and efficacy of the robotic total hysterectomy using da Vinci surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000029461. 2017;;	3
10117	Drks, Does NoL-monitoring influence the intraoperative opioid requirement during da Vinci-prostatectomies?. https://trialsearch.who.int/Trial2.aspx?TrialID=DRKS00023232. 2020;;	3
10118	U. Jprn, Determination of feasibility and safety in Robot-assisted surgery using da Vinci S Surgical System for digestive disease of malignancy. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000003667. 2010;;	3
10119	U. Jprn, The investigation of the feasibility of robotic surgery for gastric cancer using da Vinci S Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000013280. 2014;;	3
10120	ChiCtr, A clinical randomized controlled study of Da Vinci robot versus traditional expanded resection in the treatment of early oropharyngeal carcinoma. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR2000035415. 2020;;	3
10121	U. Jprn, Un-blinded Multicenter Study to Assess the Safety of Robotic-assisted (da Vinci surgical system, DVSS) Laparoscopic Partial Nephrectomy for Hilar Tumors. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000023968. 2016;;	3
10122	Nct, Robotic Assisted Versus Laparoscopic Cholecystectomy - Outcome and Cost Analyses of a Case-Matched Control Study. https://clinicaltrials.gov/show/NCT00562900. 2007;;	7
10123	U. Jprn, Clinical trials on safety of mediastinal tumor resection by Da Vinci surgery system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000027443. 2017;;	3
10124	A. C. Patriti, G.Bellochi, R.Bartoli, A.Spaziani, A.Di, Z. L.Casciola, L., Robot-assisted laparoscopic total and partial gastric resection with D2 lymph node dissection for adenocarcinoma. Surgical endoscopy. 2008;22;2753 -2760	3
10125	Nct, Comparison of Open Laparoscopic and Robotic Surgery in Gastric Cancer Resection. https://clinicaltrials.gov/show/NCT03447106. 2018;;	8
10126	U. Jprn, Un-blinded Multicenter Study to Assess the Safety and Efficacy of Robotic-assisted (da Vinci surgical system, DVSS) Laparoscopic Partial Nephrectomy for Renal Cell Carcinoma Patients. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000013964. 2014;;	3

10127	Y. L. Qian, Y., Effect of acute hypervolemic fluid infusion during anesthesia induction on intraoperative hemodynamics in the patients undergoing Da Vinci robot-assisted pancreatic surgery. Journal of shanghai jiaotong university (medical science). 2019;39;73 -78	3
10128	Z. K. Wang, M.Martinez, M.Rege, R.Zeh, H.Scott, D.Fey, A. M., A comparative human-centric analysis of virtual reality and dry lab training tasks on the da vinci surgical platform. Journal of Medical Robotics Research. 2019;4;	3
10129	U. Jprn, Evaluation of efficacy and safety of robot-assisted laparoscopic partial nephrectomy using Da Vinci S surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000010815. 2013;;	3
10130	Nct, Robot-assisted Procedure Versus Open Simultaneous Resection of Colorectal Cancer With Liver Metastases. https://clinicaltrials.gov/show/NCT02642978. 2015;;	3
10131	U. Jprn, Efficacy and safety of robotic assisted thoracoscopic esophagectomy and mediastinal lymphadenectomy using the da Vinci surgical system for thoracic esophageal cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000009727. 2013;;	3
10132	U. Jprn, Outcomes of robot-assisted laparoscopic pyeloplasty. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000023786. 2016;;	3
10133	U. Jprn, Safety and effectiveness of robotic assisted thoracoscopic lobectomy using da Vinci S surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000006099. 2012;;	3
10134	U. Jprn, A clinical study for evaluating the utility and safety of robot-assisted aortic lymphadenectomy using da Vinci Si surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000020153. 2015;;	3
10135	U. Jprn, Efficacy and safety of robot assisted partial nephrectomy for renal cell carcinoma. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000020708. 2016;;	3
10136	U. Jprn, The clinical study of robotic assisted gynecologic surgery using the da Vinci Si Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000018766. 2015;;	3
10137	U. Jprn, Phase II study of da Vinci S/Si Surgical System assisted radical prostatectomy. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000011281. 2013;;	2
10138	U. Jprn, Robotic atrial septal defect closure using da Vinci surgical system: A safety and feasibility study. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000031304. 2018;;	3
10139	U. Jprn, Robotic mitral valve repair using da Vinci surgical system for mitral regurgitation: A safety and feasibility study. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000031301. 2018;;	3
10140	U. Jprn, The clinical study of robotic assisted uterine cancer surgery using the da Vinci Si Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000032098. 2018;;	3
10141	U. Jprn, A pilot study of robot assisted gastrectomy with nodal dissection for clinical stage I gastric cancer using the da Vinci Si surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000016349. 2015;;	3

10142	U. Jprn, Prospective study of robotic assisted rectal cancer surgery using the da Vinci Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000016203. 2015;;	3
10143	U. Jprn, the study of utility and safety for robot-assisted laparoscopic radical hysterectomy using da Vinci S surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000015312. 2014;;	3
10144	U. Jprn, the study of utility and safety for robot-assisted laparoscopic hysterectoy and retroperitoneal lymphadenectomy for uterine body cancer using da Vinci S surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000015313. 2014;;	3
10145	U. Jprn, Robot-assisted laparoscopic pyeloplasty for ureteropelvic junction obstruction. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000021208. 2016;;	3
10146	U. Jprn, Extravesical robot-assisted laparoscopic ureteral reimplantation for vesicoureteral reflux. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000021211. 2016;;	3
10147	U. Jprn, The study of utility and safety for robot-assisted laparoscopic radical hysterectomy using da Vinci surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000025500. 2017;;	3
10148	U. Jprn, Prospective study of Robot assisted thoracoscopic surgery for thoracic disease. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000025077. 2016;;	3
10149	U. Jprn, Clinical evaluation of the safety of robotic gastrectomy using da Vinci surgical system (DVSS) for resectable gastric cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000019366. 2015;;	3
10150	U. Jprn, Clinical study of Robot-assisted laparoscopic partial nephrectomy. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000008509. 2012;;	3
10151	U. Jprn, The effectiveness and safety of robot assisted laparoscopic gastric surgery by da Vinci Si Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000023268. 2016;;	3
10152	U. Jprn, A clinical study for evaluating the utility and safety of robot-assisted gynecologic surgery using da Vinci Si surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000014660. 2014;;	3
10153	U. Jprn, Clinical study for feasibility and safety of robot-assisted gastrectomy using da Vinci surgical system. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000024297. 2017;;	3
10154	U. Jprn, Clinical evaluation of the safety of robotic esophagectomy using da Vinci surgical system (DVSS) for resectable esophageal cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000029066. 2017;;	3
10155	U. Jprn, A study of robot-assisted laparoscopic partial nephrectomy for renal cell carcinoma. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000014862. 2014;;	3
10156	U. Jprn, Feasibility and safety of robotic gastrectomy for gastric cancer using da Vinci Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000023057. 2016;;	3

10157	U. Jprn, Feasibility and safety of robotic esophagectomy for esophageal cancer using da Vinci Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000023060. 2016;;	3
10158	U. Jprn, Robot-Assisted Laparoscopic Parcial Nephrectomy for kidney cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000023545. 2016;;	3
10159	C. I. Chi, A cliinical study of cervical cancer radical correction with nerve reservation. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR-ICR-15006303. 2015;;	3
10160	U. Jprn, The evaluation for safety and usefulness of the robotic assisted surgery using the da Vinci Si Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000012252. 2013;;	3
10161	U. Jprn, Clinical study of Robot-assisted laparoscopic radical prostatectomy. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000003946. 2010;;	3
10162	U. Jprn, A feasibility study of robot-assisted laparoscopic surgery for rectal cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000016863. 2015;;	3
10163	U. Jprn, Clinical study on safety of robot-assisted partial nephrectomy using da Vinci Si Surgical System. https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000017515. 2015;;	3
10164	C. I. Chi, Analysis and testing of long-term sevoflurane anesthesia on the markers of myocardial damage and hemodynamic responses of the elderly patient. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR-IPR-16008871. 2016;;	2
10165	P. P. Taroni, A.Torricelli, A.Spinelli, L.Danesini, G. M.Cubeddu, R., Do shorter wavelengths improve contrast in optical mammography?. Physics in medicine and biology. 2004;49;1203-1215	2
10166	U. Jprn, Laparoscopic radical hysterectomy using robotic surgical system (da Vinci Surgical System; DVSS). https://trialsearch.who.int/Trial2.aspx?TrialID=JPRN-UMIN000022278. 2016;;	3
10167	Y. M. Waki, R.Nagata, M.Furukawa, K.Fujiya, K.Irino, T.Tanizawa, Y.Bando, E.Kawamura, T.Terashima, M., The Current Status and Future Perspective about Robotic Surgery for Gastric Cancer. Gan to kagaku ryoho. Cancer & chemotherapy. 2018;45;1690 -1695	5
10168	C. O. Chi, A prospective non randomized controlled study of Da Vinci robot assisted surgery and traditional open surgery in the treatment of nodular goiter. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR-ONN-17013723. 2017;;	8
10169	ChiCtr, Robot-assisted Versus Laparoscopic Surgery for Right-sided Colon Cancer (READY): A Multicenter Randomized Controlled Trial. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR1800017146. 2018;;	8
10170	ChiCtr, Robot-assisted Versus Laparoscopic Surgery for Left-sided Colon Cancer: A Multicenter Randomized Controlled Trial. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR1900023919. 2019;;	8
10171	ChiCtr, A Prospective Randomized Controlled Multicenter Clinical Trial for Comparison of Long-term Outcome Between Robot-Assisted and Laparoscopic Distal Subtotal Gastrectomy with D2 lymphadenectomy for Locally Advanced Gastric Cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR1900023933. 2019;;	8
10172	Nct, Laparoscopic Versus Robotic Assisted Laparoscopic Sacrocolpopexy for Vaginal Prolapse. https://clinicaltrials.gov/show/NCT00551993. 2007;;	8
10173	Nct, A Trial to Assess Robot-assisted Surgery and Laparoscopy-assisted Surgery in Patients With Mid or Low Rectal Cancer. https://clinicaltrials.gov/show/NCT01423214. 2011;;	8

10174	ChiCtr, A prospective non randomized controlled study of Da Vinci robot assisted surgery and traditional open surgery in the treatment of thyroid papillary carcinoma. https://trialsearch.who.int/Trial2.aspx?TrialID=ChiCTR1800014250. 2018;;	8
10175	Nct, Comparison of Surgical,Clinical and Oncological Outcomes Between Robotic-assisted and Laparoscopic-assisted Gastrectomy. https://clinicaltrials.gov/show/NCT02413476. 2015;;	8
10176	Nct, Robotic Versus Laparoscopic Surgery for Patients With Pancreatic Cystic Neoplasms. https://clinicaltrials.gov/show/NCT05259384. 2022;;	8
10177	Y. Q. Wang, M.Mei, N.Jiang, X.Lu, X.Nian, X.Xu, J.Jiang, S.Shen, X.Yang, B.et al.,, A phase Ⅲ randomized controlled study of a domestic endoscopic robot used in radical prostatectomy. Chinese journal of urology. 2021;42;485 -490	3
10178	A. T. Euctr, A Double-Masked, Randomized, Controlled Study of the Safety, Tolerability and Biological Effect of Repeated Intravitreal Administration of VEGF Trap-Eye in Patients with Diabetic Macular Edema (DME) - DAVINCI. https://trialsearch.who.int/Trial2.aspx?TrialID=EUCTR2008-008200-40-AT. 2009;;	2
10179	Nct, RObotic Versus LAparoscopic Resection for Rectal Cancer. https://clinicaltrials.gov/show/NCT01736072. 2012;;	8
10180	Actrn, RoLaCaRT-1: A Randomized Trial of Robotic Surgery versus Laparoscopic Surgery for Colon Cancer. https://trialsearch.who.int/Trial2.aspx?TrialID=ACTRN12620001378910. 2020;;	3
10181	G. L. L. Colombo, J.Caruggi, M.Serra, G.Vinci, M., Cost analysis in patients at high risk of contrast-induced nephropathy: italian results of the NEPHRIC study. Pharmacoeconomics - italian research articles. 2005;7;145 -154	2
10182	L. S. Pozzo, G.Mellia, E.Gennero, M. S.Doglione, L.Cavallarin, L.Tarantola, M.Forneris, G.Schiavone, A., Feeding a diet contaminated with ochratoxin A for chickens at the maximum level recommended by the EU for poultry feeds (0.1 mg/kg). 1. Effects on growth and slaughter performance, haematological and serum traits. Journal of animal physiology and animal nutrition. 2013;97;13 -22	2
10183	K. M. R. Ho, S.Honeybul, S.Zellweger, R.Wibrow, B.Lipman, J.Holley, A.Kop, A.Geelhoed, E.Corcoran, T.et al.,, Detailed assessment of benefits and risks of retrievable inferior vena cava filters on patients with complicated injuries: the da Vinci multicentre randomised controlled trial. Anaesthesia and intensive care. 2019;47;6 -7	3
10184	A. P. A. Stegemann, K.Syed, J. R.Rehman, S.Ghani, K.Autorino, R.Sharif, M.Rao, A.Shi, Y.Wilding, G. E.et al.,, Fundamental skills of robotic surgery: a multi-institutional randomized controlled trial for validation of a simulation-based curriculum. Urology. 2013;81;767 -774	3
10185	D. A. N. Henson, D. C.Pistilli, E. E.Schilling, B.Colacino, A.Utter, A. C.Fagoaga, O. R.Vinci, D. M.Nehlsen-Cannarella, S. L., Influence of carbohydrate and age on lymphocyte function following a marathon. International journal of sport nutrition and exercise metabolism. 2004;14;308 -322	2
10186	D. C. D. Nieman, J. M.Henson, D. A.Gross, S. J.Dumke, C. L.Utter, A. C.Vinci, D. M.Carson, J. A.Brown, A.McAnulty, S. R.et al.,, Muscle cytokine mRNA changes after 2.5 h of cycling: influence of carbohydrate. Medicine and science in sports and exercise. 2005;37;1283 -1290	2
10187	S. R. M. McAnulty, L. S.Nieman, D. C.Morrow, J. D.Utter, A. C.Henson, D. A.Dumke, C. L.Vinci, D. M., Influence of carbohydrate ingestion on oxidative stress and plasma antioxidant potential following a 3 h run. Free radical research. 2003;37;835 -840	2
10188	F. M. N. Palmer, D. C.Henson, D. A.McAnulty, S. R.McAnulty, L.Swick, N. S.Utter, A. C.Vinci, D. M.Morrow, J. D., Influence of vitamin C supplementation on oxidative and salivary IgA changes following an ultramarathon. European journal of applied physiology. 2003;89;100 -107	2

10189	D. W. Stefanidis, F.Korndorffer, J. R.Dunne, J. B.Scott, D. J., Robotic assistance improves intracorporeal suturing performance and safety in the operating room while decreasing operator workload. Surgical endoscopy. 2010;24;377 -382	7
10190	D. C. H. Nieman, D. A.McAnulty, S. R.McAnulty, L.Swick, N. S.Utter, A. C.Vinci, D. M.Opiela, S. J.Morrow, J. D., Influence of vitamin C supplementation on oxidative and immune changes after an ultramarathon. Journal of applied physiology (Bethesda, Md. : 1985). 2002;92;1970 -1977	2
10191	D. C. H. Nieman, D. A.Fagoaga, O. R.Utter, A. C.Vinci, D. M.Davis, J. M.Nehlsen-Cannarella, S. L., Change in salivary IgA following a competitive marathon race. International journal of sports medicine. 2002;23;69 -75	2
10192	F. G. Sibella, M.Romei, M.Montesano, A.Crivellini, M., Biomechanical analysis of sit-to-stand movement in normal and obese subjects. Clinical biomechanics (Bristol, Avon). 2003;18;745-750	2
10193	E. F. Ambrosini, S.Pedrocchi, A.Ferrigno, G.Molteni, F., Cycling induced by electrical stimulation improves motor recovery in postacute hemiparetic patients: a randomized controlled trial. Stroke; a journal of cerebral circulation. 2011;42;1068 -1073	2
10194	Nct, Robot-assisted Thoraco-laparoscopic Esophagectomy Versus Open Transthoracic Esophagectomy. https://clinicaltrials.gov/show/NCT01544790. 2012;;	8
10195	G. G. Benincà, C.Rebecchi, F.Giaccone, C.Morino, M., Robot-assisted laparoscopic surgery. Preliminary results at our Center. Chirurgia italiana. 2003;55;321 -331	3
10196	D. A. G. Di Stefano, G.Vinci, R.Cinci, L.Pieri, L.Gherlone, E., Histomorphometric Comparison of Enzyme-Deantigenic Equine Bone and Anorganic Bovine Bone in Sinus Augmentation: a Randomized Clinical Trial with 3-Year Follow-Up. International journal of oral & maxillofacial implants. 2015;30;1161 -1167	2
10197	Nct, Comparison Between Robotic (RM) and Laparoscopic Myomectomy (LM). https://clinicaltrials.gov/show/NCT04282863. 2020;;	8
10198	A. W. H. Dymond, C.Pattison, C.So, K.Mariani, G.Savage, M.Mair, S.Ford, G.Martin, P., Metabolism, Excretion, and Pharmacokinetics of Selumetinib, an MEK1/2 inhibitor, in Healthy Adult Male Subjects. Clinical therapeutics. 2016;38;2447 -2458	2
10199	G. P. Y. Liu, M.Wu, Y.Wang, G.Wang, J. L.Yan, J. L.Gao, C. Q., A 7-year, single-center research and long term follow-up of graft patency of robotic total arterial off-pump coronary artery bypass grafting. Medical journal of chinese people's liberation army. 2016;41;512 -517	3
10200	Nct, Laparoscopy vs. Robotic Surgery for Endometriosis (LAROSE): a Prospective Randomized Controlled Trial. https://clinicaltrials.gov/show/NCT01556204. 2012;;	8
10201	Nct, Open Anterograde Radical Prostatectomy Compared to Open Retrograde Technique. https://clinicaltrials.gov/show/NCT02687308. 2016;;	8
10202	K. P. H. Steck-Bayat, S.Aguirre, A. G.Smith, R. B.Mahnert, N. M.Gerkin, R. D.Mourad, J., Prospective randomized controlled trial comparing cephalad migration in robotic gynecologic surgery using egg-crate foam versus the Pink Pad®. Journal of robotic surgery. 2020;14;343 -347	3
10203	J. N. Tan-Kim, C. W.Grimes, C. L.Luber, K. M.Lukacz, E. S.Brown, H. W.Ferrante, K. L.Dyer, K. Y.Kirby, A. C.Menefee, S. A., A randomized trial of vaginal mesh attachment techniques for minimally invasive sacrocolpopexy. International urogynecology journal. 2015;26;649 -656	3
10204	Y. Z. Yang, X.Li, B.Li, Z.Sun, Y.Mao, T.Hua, R.Yang, Y.Guo, X.He, Y.et al.,, Robot-assisted esophagectomy (RAE) versus conventional minimally invasive esophagectomy (MIE) for resectable esophageal squamous cell carcinoma: protocol for a multicenter prospective randomized controlled trial (RAMIE trial, robot-assisted minimally invasive Esophagectomy). BMC cancer. 2019;19;608	13

10205	A. S. Dutta, N.Sood, J.Panday, B. C.Gupta, M.Choudhary, P.Puri, G. D., The Effect of Dexmedetomidine on Propofol Requirements During Anesthesia Administered by Bispectral Index-Guided Closed-Loop Anesthesia Delivery System: a Randomized Controlled Study. Anesthesia and analgesia. 2019;129;84 -91	3
10206	T. v. H. de Rooij, J.Vogel, J. A.van Santvoort, H. C.de Boer, M. T.Boerma, D.van den Boezem, P. B.Bonsing, B. A.Bosscha, K.Coene, P. P.et al.,, Minimally invasive versus open distal pancreatectomy (LEOPARD): study protocol for a randomized controlled trial. Trials. 2017;18;166	8
10207	M. C. Valdis, M. W.Schlachta, C.Kiaii, B., Evaluation of robotic cardiac surgery simulation training: a randomized controlled trial. Journal of thoracic and cardiovascular surgery. 2016;151;1498-1505.e2	7
10208	D. C. Wang, S.Tan, X.Liu, S.Liu, X.Niu, Z.Chen, D.Wang, D.Zhang, J.Lv, L.et al.,, Effects of robotic and laparoscopic-assisted surgery on lymph node dissection and short-term outcomes in patients with Siewert II adenocarcinoma of esophagogastric junction. Zhonghua wei chang wai ke za zhi [Chinese journal of gastrointestinal surgery]. 2019;22;156-163	6
10209	E. B. Rud, E.Klotz, D.Rennesund, K.Svindland, A.Berge, V.Lundeby, E.Wessel, N.Hoff, J. R.Berg, R. E.et al.,, Does preoperative magnetic resonance imaging reduce the rate of positive surgical margins at radical prostatectomy in a randomised clinical trial?. European urology. 2015;68;487 -496	3
10210	C. A. G. Matthews, E. J.Henley, B. R.Kenton, K.Myers, E. M.Dieter, A. A.Parnell, B.Lewicky-Gaupp, C.Mueller, M. G.Wu, J. M., Permanent Compared With Absorbable Suture for Vaginal Mesh Fixation During Total Hysterectomy and Sacrocolpopexy: a Randomized Controlled Trial. Obstetrics and gynecology. 2020;136;355 -364	2
10211	J. K. Van Houcke, V.Nakano, N.Krekel, P.Pattyn, C.Audenaert, E., Accuracy of navigated cam resection in femoroacetabular impingement: a randomised controlled trial. International journal of medical robotics + computer assisted surgery. 2017;13;	2
10212	B. G. Tang, G. M.Zou, Z.Liu, D. N.Tang, C.Jiang, Q. G.Lei, X.Li, T. Y., Efficacy comparison between robot-assisted and laparoscopic surgery for mid-low rectal cancer: a prospective randomized controlled trial. Zhonghua wei chang wai ke za zhi [Chinese journal of gastrointestinal surgery]. 2020;23;377 -383	6
10213	M. A. Sofra, A.Gallucci, M.Mandoj, C.Papalia, R.Claroni, C.Monteferrante, I.Torregiani, G.Gianaroli, V.Sperduti, I.et al.,, Perioperative changes in pro and anticoagulant factors in prostate cancer patients undergoing laparoscopic and robotic radical prostatectomy with different anaesthetic techniques. Journal of experimental & clinical cancer research. 2014;33;63	3
10214	L. Z. Ding, H.Mi, W.He, Y.Zhang, X.Ma, X.Li, H., Effects of dexmedetomidine on recovery period of anesthesia and postoperative cognitive function after robot-assisted laparoscopicradical prostatectomy in the elderly people. Zhong nan da xue xue bao. Yi xue ban [Journal of Central South University. Medical sciences]. 2015;40;129 -135	3
10215	R. B. W. Knight, P. W.Keegan, K. A.Overholser, S. M.Baumgartner, T. S.Ebertowski, J. S.Aden, J. K.White, M. A., A Randomized Controlled Trial for Pain Control in Laparoscopic Urologic Surgery: 0.25% Bupivacaine Versus Long-Acting Liposomal Bupivacaine. Journal of endourology / Endourological Society. 2015;29;1019 -1024	3
10216	Z. F. Z. He, T. L.Liu, D. L.Yang, Y.Zhu, D. Y.Wu, K.Wang, L. P.Zhao, S., Comparison of short-term and long-term efficacy between robot-assisted and thoracoscopy-laparoscopy-assisted radical esophageal cancer surgery. Zhonghua wei chang wai ke za zhi [Chinese journal of gastrointestinal surgery]. 2020;23;390 -395	6

10217	P. B. Gilling, N.Bidair, M.Anderson, P.Sutton, M.Aho, T.Kramolowsky, E.Thomas, A.Cowan, B.Kaufman, R. P.et al.,, WATER: a Double-Blind, Randomized, Controlled Trial of Aquablation® vs Transurethral Resection of the Prostate in Benign Prostatic Hyperplasia. Journal of urology. 2018;199;1252 -1261	2
10218	E. H. Willuth, S. F.Lang, F.Haney, C. M.Felinska, E. A.Kowalewski, K. F.Müller-Stich, B. P.Horeman, T.Nickel, F., Robotic-assisted cholecystectomy is superior to laparoscopic cholecystectomy in the initial training for surgical novices in an ex vivo porcine model: a randomized crossover study. Surgical endoscopy. 2022;36;1064 - 1079	7
10219	M. C. Oderda, E.Gontero, P.Manetta, T.Mengozzi, G.Meyer, N.Munegato, S.Noll, E.Rampa, P.Piéchaud, T.et al.,, The impact of warmed and humidified CO2 insufflation during robotic radical prostatectomy: results of a randomized controlled trial. Urologia. 2019;86;130 -140	3
10220	A. B. M. Hernandez, L. G.Hueber, P. A.Glina, F. P. A.Landsberger, H.Oberlin, D.Cacciamani, G.Lopez, B.Patel, K.Sotelo, R. J., Robotic simple prostatectomy plus panniculectomy and Giant umbilical hernia repair. International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(3);641	3
10221	J. N. M. Kulkarni, N.Bhukte, S.Karanjgaokar, V., Robot assisted radical nephrectomy + hysterectomy and specimen retrieval per vaginum (NOSE). International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(3);642	3
10222	G. B. Velilla, R.Gomez, M.Zubillaga, S.Herrero, E.Yllera, E.Gutierrez, J. L., Robotic surgery in the management of complex pelvic endometriosis. International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(2);411	3
10223	A. S. Territo, J. D.Regis, F.Gallioli, A.Breda, A., Estado actual del trasplante renal robotico y su futuro, Current status of robotic kidney transplant and its future. Archivos espanoles de urologia. 2019;72(3);336-346	10
10224	P. S. G. Moscatiello, M. D.Carracedo Calvo, D., Papel de la cirugia robotica en la urologia funcional, Role of robotic surgery in functional urology. Archivos espanoles de urologia. 2019;72(3);326-335	10
10225	L. G. B. Medina, W.Hernandez, A.Rajarubendra, N.Winter, M.Ashrafi, A. N.Tafuri, A.Cacciamani, G. E.Sotelo, R., Conducto ileal intracorporeo robotico: Aspectos tecnicos, Robotic intracorporeal ileal conduit: Technical aspects. Archivos espanoles de urologia. 2019;72(3);299-308	10
10226	B. H. L. Dias, A.Dell'Oglio, P.Montorsi, F.El Khoury, F.D'Hondt, F.Schatteman, P.De Naeyer, G.Mottrie, A., Novedades en nefrectomia parcial robotica, What's new in robotic partial nephrectomy. Archivos espanoles de urologia. 2019;72(3);283-292	10
10227	E. O.-P. Linares Espinos, G.Martinez-Salamanca, J. I., Prostatectomia radical de salvamento asistida por robot despues del fracaso de los tratamientos locales, Salvage robot-assisted radical prostatectomy following failed local treatments. Archivos espanoles de urologia. 2019;72(3);277-282	10
10228	I. L. Moncada, I.Ascencios, J.Krishnappa, P.Subira, D., Complicaciones de la prostatectomia radical asistida por robot, Complications of robot assisted radical prostatectomy. Archivos espanoles de urologia. 2019;72(3);266-276	10
10229	S. G. Secco, A.Barbieri, M.Piccinelli, M.Di Trapani, D.Napoli, G.Strada, E.Petralia, G.Bocciardi, A. M., Aspectos tecnicos y ventajas demostradas de la prostatectomia robotica con preservacion de Retzius, Technical features and the demonstrated advantages of the Retzius sparing robotic prostatectomy. Archivos espanoles de urologia. 2019;72(3);247-256	10

10230	I. A. V.-F. Martinez-Alonso, R. A.Padron-Lucio, S.Campos Salcedo, J. G.Gutierrez-Aceves, J.Cathelineau, X.Sanchez-Salas, R., Formacion del personal en la prostatectomia radical laparoscopica asistida por robot, Robotic-assisted radical prostatectomy: The teaching. Archivos espanoles de urologia. 2019;72(3);239-246	10
10231	J. G. G.-Q. Pereira-Arias, M.Sanchez-Vazquez, A.Mora-Christian, J. A.Urdaneta-Salegui, L. F.Astobieta-Odriozola, A.Ibarluzea-Gonzalez, G., Como construir un programa de cirugia robotica, How to build a robotic program. Archivos espanoles de urologia. 2019;72(3);227-238	10
10232	G. Ogaya-Pinies, Estado actual de la cirugia robotica en urologia, Current status of robotic surgery in urology. Archivos espanoles de urologia. 2019;72(3);225-226	10
10233	B. P. Wei, B. C., Robotic Morgagni hernia repair: an emerging approach to a congenital defect. Journal of robotic surgery. 2019;13(2);309-313	3
10234	M. B. Turhan, A., Robotic resection of lingual thyroglossal duct cyst in an infant. Journal of robotic surgery. 2019;13(2);331-334	3
10235	R. M. Sotelo, L. G.Husain, F. Z.Khazaeli, M.Nikkhou, K.Cacciamani, G. E.Landsberger, H.Winter, M.Hernandez, A.Kaiser, A. M.Gill, I., Robotic-assisted laparoscopic repair of rectovesical fistula after Hartmann's reversal procedure. Journal of robotic surgery. 2019;13(2);339-343	5
10236	S. C. Kumar, A.Aggarwal, D.Tyagi, S.Sadasukhi, N., Robot-assisted boari flap calycovesicostomy for failed uretero-pelvic junction obstruction: a novel approach to a complex problem. Journal of robotic surgery. 2019;13(2);345-349	3
10237	H. K. C. Kim, Y. J.Dionigi, G.Berber, E.Tufano, R. P.Kim, H. Y., Transoral Robotic Thyroidectomy for Papillary Thyroid Carcinoma: Perioperative Outcomes of 100 Consecutive Patients. World journal of surgery. 2019;43(4);1038-1046	3
10238	F. A. Turcu, O.Copaescu, C., Adhesiolysis-Related Challenges for Laparoscopic Procedures after Ventral Hernia Repair with Intraperitoneal Mesh. Chirurgia (Bucharest, Romania : 1990). 2019;114(1);39-47	2
10239	T. F. Wakabayashi, E.Pessaux, P., Robotic Double Purse-String Telescoped Pancreaticogastrostomy: How I Do It. World journal of surgery. 2019;43(2);604-607	8
10240	A. R. H. P. Gorgen, C. P., Easy, reproducible extraperitoneal pelvic access for robot - assisted radical prostatectomy. International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(1);189	8
10241	F. C. M. d. C. Torricelli, P. A.Guglielmetti, G. B.Nahas, W. C.Coelho, R. F., Robot - assisted laparoscopic local recurrence resection after radical prostatectomy. International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(1);192	3
10242	K. E. Schuetze, A.Dehner, C.Schultheiss, M.Gebhard, F.Richter, P. H., Radiation exposure for the surgical team in a hybrid-operating room. Journal of robotic surgery. 2019;13(1);91-98	2
10243	G. K. B. Pooleri, P.Kesavan, R.Philip, A.Keechilat, P., Robot-assisted supine extraperitoneal retroperitoneal lymph node dissection: a novel approach for template dissection in post-chemotherapy residual mass in non-seminomatous germ cell tumours. Journal of robotic surgery. 2019;13(1);171-173	3
10244	K. K. Stravodimos, I.Pournaras, C.Dimitroulis, D.Kousournas, G.Fragkiadis, E.Constantinides, C., Combined robot assisted right partial nephrectomy and cholecystectomy with single docking. Journal of robotic surgery. 2019;13(1);167-169	3
10245	R. L. J. Steinberg, B. A.Cadeddu, J. A., Magnetic-assisted Robotic Surgery to Facilitate Reduced-port Radical Prostatectomy. Urology. 2019;126;237	3
10246	J. B. Kaouk, R.Eltemamy, M.Garisto, J., Single-Port Robot-Assisted Radical Prostatectomy: First Clinical Experience Using The SP Surgical System. Urology. 2019;124;309	8

10247	D. V. Langer, M.Kalvach, J.Ryska, M., Prinos hodnoceni perfuze pomoci fluorescencni angiografie pri roboticke nizke resekci rekta: vysledky nerandomizovane prospektivni studie, Assessment of anastomosis perfusion by fluorescent angiography in robotic low rectal resection: the results of a non-randomized study. Rozhledy v chirurgii : mesicnik Ceskoslovenske chirurgicke spolecnosti. 2019;98(3);110-114	6
10248	L. H. F. Kim, A. Y.Ho, A. L.Parker, J. J.Kumar, K. K.Chen, K. S.Grant, G. A.Henderson, J. M.Halpern, C. H., Robot-assisted versus manual navigated stereoelectroencephalography in adult medically-refractory epilepsy patients. Epilepsy Research. 2020;159 (no pagination);	12
10249	K. E. L. Law, B. R.Kelley, S. R.Blocker, R. C.Larson, D. W.Hallbeck, M. S.Nelson, H., Surgeon Workload in Colorectal Surgery: Perceived Drivers of Procedural Difficulty. Journal of Surgical Research. 2020;245;57-63	2
10250	Z. L. Guan, J.Bardawil, E.Guan, X., Surgical Management of Cesarean Scar Defect: The Hysteroscopic-Assisted Robotic Single-Site Technique. Journal of Minimally Invasive Gynecology. 2020;27(1);24-25	3
10251	H. H. K. Balkhy, H., First Human Totally Endoscopic Robotic-Assisted Sutureless Aortic Valve Replacement. Annals of Thoracic Surgery. 2020;109(1);e9-e11	3
10252	H. H. Takagi, Y.Nakashima, K.Kuno, T.Ando, T., Meta-analysis of propensity matched studies of robotic versus conventional mitral valve surgery. Journal of Cardiology. 2020;75(2);177-181	8
10253	U. J. Khrucharoen, Y. Y.Sanaiha, Y.Finn, J. P.Jimenez, J. C.Dutson, E. P., Factors Associated with Symptomology of Celiac Artery Compression and Outcomes following Median Arcuate Ligament Release. Annals of Vascular Surgery. 2020;62;248-257	2
10254	N. C. R. Schmitt, J.Quon, H.Steen, V.Pietsch, K.Page, B. R., Challenges in management of a patient with oropharyngeal carcinoma and scleroderma. Otolaryngology Case Reports. 2020;14 (no pagination);	8
10255	A. S. W. Evans, M. M.Shaefi, S.Patel, P. A.Townsley, M. M.Kumaresan, A.Feinman, J. W.Fritz, A. V.Martin, A. K.Steinberg, T. B.Renew, J. R.Gui, J. L.Radvansky, B.Bhatt, H.Subramani, S.Sharma, A.Gutsche, J. T.Augoustides, J. G.Ramakrishna, H., The Year in Cardiothoracic and Vascular Anesthesia: Selected Highlights from 2019. Journal of Cardiothoracic and Vascular Anesthesia. 2020;34(1);44572	8
10256	C. K. Palumbo, S.Pecoraro, A.Rosiello, G.Luzzago, S.Deuker, M.Tian, Z.Shariat, S. F.Simeone, C.Briganti, A.Saad, F.Berruti, A.Antonelli, A.Karakiewicz, P. I., Patient frailty predicts worse perioperative outcomes and higher cost after radical cystectomy worse radical cystectomy outcomes in frails. Surgical Oncology. 2020;32;44786	2
10257	M. A. Mancuso, A.Becce, F.Farron, A.Terrier, A.Aminian, K., A robotic glenohumeral simulator for investigating prosthetic implant subluxation. Journal of Biomechanical Engineering. 2020;142(1) (no pagination);	3
10258	D. L. L. Lima, R. N. C. L.Dos Santos, D. C.Shadduck, P. P.Carvalho, G. L.Malcher, F., Which cholecystectomy technique would surgeons prefer on themselves?. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2020;30(6);495-499	4
10259	S. N. Yajima, Y.Matsumoto, S.Tanabe, K.Masuda, H., Use of indocyanine green fluorescence imaging to determine the area of ileum with poor blood flow during robot-assisted laparoscopic radical cystectomy with complete intracorporeal urinary diversion. Journal of Clinical Urology.. 2020;;	3
10260	G. L. Sawczyn, L.Aminsharifi, A.Kim, S.Kaouk, J., Predictive factors for opioid-free management after robotic radical prostatectomy: the value of the SP Robotic Platform. Minerva urologica e nefrologica = The Italian journal of urology and nephrology.. 2020;1;	3

10261	N. S. F. Vuong, J. M.Michiels, C.Calen, L.Tesi, L.Capon, G.Bensadoun, H.Alezra, E.Estrade, V.Robert, G.Bladou, F.Bernhard, J. C., Robot-assisted versus open surgery for radical nephrectomy with level 1-2 vena cava tumor thrombectomy : a French monocenter experience (UroCCR study #73). Minerva urologica e nefrologica = The Italian journal of urology and nephrology.. 2020;17;	13
10262	B. H. Stai, N.McSweeney, S.Rickman, J.Blake, P.Vasdev, R.Edgerton, Z.Tejpaul, R.Peterson, M.Rosenberg, J.Kalapara, A.Regmi, S.Papanikolopoulos, N.Weight, C., Public perceptions of artificial intelligence and robotics in medicine. Journal of Endourology. 2020;34(10);1041-1048	5
10263	F. V. D. S. Van Zanten, E. M.Consten, E. C. J.Verheijen, P. M.Lenters, E.Broeders, I. A. M. J.Schraffordt Koops, S. E., Long-term anatomical and functional results of robot-assisted pelvic floor surgery for the management of multicompartment prolapse: A prospective study. Diseases of the Colon and Rectum. 2020;;1293-1301	3
10264	M. G. Spurio, RAISE the LEVEL of AIRPORT PROFESSIONAL PERFORMANCE: A CHALLENGE in the "LAND of NO ONE BELONGING to EVERYONE". Psychiatria Danubina. 2020;32;S64-S69	2
10265	F. D. L. Grasso, L.Bertozzi, M.Sica, M.Angotti, R.Luzzi, L.Molinaro, F.Messina, M.Paladini, P., Robotic-assisted thoracoscopy thymectomy for juvenile myasthenia gravis. Journal of Pediatric Surgery Case Reports. 2020;62 (no pagination);	3
10266	W. G. M. Tharp, S.Breidenstein, M. W.Love, C.Booms, A.Rafferty, M. N.Friend, A. F.Perrapato, S.Ahern, T. P.Dixon, A. E.Bates, J. H. T.Bender, S. P., Body habitus and dynamic surgical conditions independently impair pulmonary mechanics during robotic-assisted laparoscopic surgery: A cross-sectional study. Anesthesiology. 2020;;750-763	5
10267	Y. L. Jing, J.Xinge, S.Deming, Z.Ming, H., Dimensional optimization for minimally invasive surgery robot based on double space and kinematic accuracy reliability index. Journal of Engineering and Science in Medical Diagnostics and Therapy. 2020;3(2) (no pagination);	8
10268	E. P. Espin-Basany, G.Lorente Garcia, D., Robotic right hemicolectomy and partial nephrectomy for synchronous malignancies: a video vignette. Colorectal disease : the official journal of the Association of Coloproctology of Great Britain and Ireland.. 2020;29;	8
10269	A. A. Carlo, F.Fabio, F.Alfredo, E., Robotic Assisted Nerve-Sparing Resection of Bilateral Parametrial Deep Infiltrating Endometriosis. Journal of minimally invasive gynecology.. 2020;19;	8
10270	J. A. G. Buza, J. A., Robotic spine surgery where did we come from, and where are we headed?. Bulletin of the Hospital for Joint Diseases. 2020;78(1);17-25	8
10271	A. W. A. Bradshaw, R.Simone, G.Yang, B.Uzzo, R. G.Porpiglia, F.Capitanio, U.Porter, J.Bertolo, R.Minervini, A.Lau, C.Jacobsohn, K.Ashrafi, A.Eun, D.Mottrie, A.White, W. M.Schips, L.Challacombe, B. J.De Cobelli, O.Mir, C. M.Veccia, A.Larcher, A.Kutikov, A.Aron, M.Dasgupta, P.Montorsi, F.Gill, I. S.Sundaram, C. P.Kaouk, J.Derweesh, I. H., Robotic Partial Nephrectomy versus Minimally Invasive Radical Nephrectomy for Clinical T2a Renal Mass: A Propensity Score Matched Comparison from the ROSULA (Robotic Surgery for Large Renal Mass) Collaborative Group. BJU international.. 2020;31;	13
10272	R. S. Karthikeyan, K.Park, Y. L.Ryu, S. C., Performance evaluation of optically sensorized tendons for articulate surgical instruments. Journal of Medical Devices, Transactions of the ASME. 2019;13(4) (no pagination);	2
10273	D. T. K. S. Huynh, K.Burch, M.Phillips, E.Cunneen, S.van Allan, R. J.Shouhed, D., Median arcuate ligament syndrome and its associated conditions. American Surgeon. 2019;85(10);1162-1165	2

10274	E. M. Lambaudie, J.Zemmour, C.Jauffret-Fara, C.Mikhael, E. T.Pouliquen, C.Sabatier, R.Brun, C.Faucher, M.Mokart, D.Houvenaeghel, G., Prediction of early discharge after gynaecological oncology surgery within ERAS. Surgical Endoscopy. 2020;34(5);1985-1993	2
10275	J. E. H. Reifsnyder, M. K., Advances in bladder substitution and creation of neobladders in children. F1000Research. 2019;8 (no pagination);	8
10276	C. H. A. W. Lee, S.Oliva, K.Staples, M. P.McMurrick, P. J., Role of lymph node yield and lymph node ratio in predicting outcomes in non-metastatic colorectal cancer. BJS Open. 2019;3(1);95-105	2
10277	S. P. Lunde, K. K.Kugathasan, P.Arendt-Nielsen, L.Sogaard-Andersen, E., Chronic Postoperative Pain after Robot-Assisted Laparoscopic Hysterectomy for Endometrial Cancer. Journal of Gynecologic Surgery. 2019;35(3);140-146	3
10278	R. C. S. Pickens, J. K.Cochran, A.Vrochides, D.Martinie, J. B.Baker, E. H.Ocuin, L. M.Iannitti, D. A., Retrospective validation of an algorithmic treatment pathway for necrotizing pancreatitis. American Surgeon. 2019;85(8);840-847	12
10279	M. T. P. Turner, M. J.Moskovitz, J. M.Kim, S., Salvage Transoral Robotic Surgery: A Case of a Nearly Missed Carotid Injury. Ear, Nose and Throat Journal. 2021;100(1);44815	8
10280	M. C. C. Tee, L.Peightal, D.Franko, J.Kim, P. T.Brahmbhatt, R. D.Raman, S.Scudamore, C. H.Chung, S. W.Segedi, M., Minimally invasive hepatectomy is associated with decreased morbidity and resource utilization in the elderly. Surgical Endoscopy. 2020;34(11);5030-5040	2
10281	A. R. N. Ravi, R. R., Cybersecurity threats and solutions in the current e-healthcare environment: A situational analysis. Medico-Legal Update. 2019;19(2);141-144	8
10282	D. A. Moskowitz, K.Lucioni, A.Kobashi, K.Lee, U., Opioid Prescription and Use in Sacral Neuromodulation, Mid Urethral Sling and Pelvic Organ Prolapse Surgery: An Educational Intervention to Avoid over Prescribing. Journal of Urology. 2019;201(5);979-985	3
10283	M. C. Peiretti, G.Buda, A.Zapardiel, I.Fanni, D.Proto, A.Fais, M. L.Mais, V., Feasibility of hand-assisted laparoscopic sentinel node biopsy in open endometrial cancer surgery. Minimally Invasive Therapy and Allied Technologies. 2020;29(5);299-303	3
10284	A. C. O. Salami, T.Nweze, N. J.Deleon, M.Force, L.Gorgun, E.Wexner, S.Joshi, A. R. T., Neoadjuvant chemoradiation versus adjuvant chemotherapy for locally advanced adenocarcinoma of the rectosigmoid junction. Colorectal Disease. 2020;22(5);513-520	4
10285	A. W. A. Stamm, S.Durfy, S.Kozlowski, P. M., Robotic pyeloplasty in patients with equivocal diuretic renogram. Urology Practice. 2019;6(6);364-368	3
10286	A. C. Draginov, T. R.Quereshy, H. A.Chadi, S. A.Quereshy, F. A., Association of high ligation versus low ligation of the inferior mesenteric artery on anastomotic leak, postoperative complications, and mortality after minimally invasive surgery for distal sigmoid and rectal cancer. Surgical Endoscopy. 2020;34(10);4593-4600	3
10287	A. S. O. Moten, W.Hava, S.Zhao, H.Caroline, D.Abbas, A.Dass, C., In vivo measurement of esophageal hiatus surface area using MDCT: description of the methodology and clinical validation. Abdominal Radiology. 2020;45(9);2656-2662	2
10288	N. A. Rajarubendra, F.Manojlovic, Z.Ohe, C.Ahmadi, N.Cacciamani, G.Qiu, M.Abreu, A.Cai, J.Miranda, G.Stern, M. C.Carpten, J.Kuhn, P.Amin, M. B.Gill, P. S.Aron, M.Gill, I. S., Histological validation of ¹¹carbon-acetate positron emission tomography/computerized tomography in detecting lymph node metastases in prostate cancer. Journal of Urology. 2019;201(2);332-340	2

10289	V. L. Pierrard, S.Kleinclauss, F.Azzouzi, A. R.Terrier, J. E.Fortier, E.Joniau, S.Van Der Poel, H.Salomon, G.Casanova, J.Medina-Lopez, R. A.Potiron, E.Rigaud, J.Vincendeau, S.Rassweiler, J.Villers, A.Gaston, R.Saussine, C.Giai, J.Gaillac, B.Emberton, M.Ruffion, A., Radical prostatectomy after vascular targeted photodynamic therapy with padeliporfin: Feasibility, and early and intermediate results. Journal of Urology. 2019;201(2);315-320	12
10290	N. C. Sharma, W. Y.Dobruskin, L., An unusual case of perisplenic small bowel volvulus after laparoscopic Roux En Y gastric bypass. Journal of Surgical Case Reports. 2019;2019(2) (no pagination);	3
10291	F. L. Li, Z.Takahashi, R.Ioannis, A.Ismail, M.Meisel, A.Rueckert, J. C., Robotic-Extended Rethymectomy for Refractory Myasthenia Gravis: A Case Series. Seminars in Thoracic and Cardiovascular Surgery. 2020;32(3);593-602	3
10292	A. A. Bindayi, R.Capitanio, U.Pavan, N.Mir, M. C.Antonelli, A.Takagi, T.Bertolo, R.Maurer, T.Ho Rha, K.Long, J. A.Yang, B.Schips, L.Lima, E.Breda, A.Linares, E.Celia, A.De Nunzio, C.Dobbs, R.Patel, S.Hamilton, Z.Tracey, A.Larcher, A.Trombetta, C.Palumbo, C.Tanabe, K.Amiel, T.Raheem, A.Fiard, G.Zhang, C.Castellucci, R.Palou, J.Ryan, S.Crivellaro, S.Montorsi, F.Porpiglia, F.Derweesh, I. H., Trifecta Outcomes of Partial Nephrectomy in Patients Over 75 Years Old: Analysis of the REnal SURGery in Elderly (RESURGE) Group. European Urology Focus. 2020;6(5);982-990	3
10293	E. T. Morettini, F.Tofani, L.Villa, G.Ricci, Z.Romagnoli, S., Intraoperative core temperature monitoring: accuracy and precision of zero-heat flux heated controlled servo sensor compared with esophageal temperature during major surgery; the ESOSPOT study. Journal of Clinical Monitoring and Computing. 2020;34(5);1111-1119	2
10294	N. R. R. Gomez-Hidalgo, P. T.Ngo, B.Perez-Hoyos, S.Coreas, N.Sanchez-Iglesias, J. L.Cabrera, S.Franco, S.Benavente, A. P.Gil-Moreno, A., Oncologic impact of micrometastases or isolated tumor cells in sentinel lymph nodes of patients with endometrial cancer: a meta-analysis. Clinical and Translational Oncology. 2020;22(8);1272-1279	8
10295	A. P. M. D'Andrea, E. C.Bonaccorso, A.Cuevas, J. M.Basam, M.Tsay, A. T.Bhasin, D.Attaluri, V.Sylla, P., Transanal total mesorectal excision (taTME) for rectal cancer: beyond the learning curve. Surgical Endoscopy. 2020;34(9);4101-4109	3
10296	B. H. Wang, Q.Liu, K.Fan, Y.Peng, C.Gu, L.Shi, T.Zhang, P.Chen, W.Du, S.Niu, S.Liu, R.Zhao, G.Li, Q.Xiao, C.Wang, R.Li, S.Wang, M.Liu, F.Wang, H.Li, H.Ma, X.Zhang, X., Robot-assisted Level III-IV Inferior Vena Cava Thrombectomy: Initial Series with Step-by-step Procedures and 1-yr Outcomes. European Urology. 2020;78(1);77-86	3
10297	M. J. Ziegelmann, J.Glasgow, A.Tyson, M.Pak, R.Gazelka, H.Leibovich, B.Habermann, E.Gettman, M., Comparison of prescribing patterns before and after implementation of evidence-based opioid prescribing guidelines for the postoperative urologic surgery patient. American Journal of Surgery. 2020;220(2);499-504	8
10298	A. A. B. Chunikhin, E. A.Poduraev, Y. V.Vorotnikov, A. A.Klimov, D. D., Comparative experimental assessment of the accuracy of nanosecond laser surgery of the oral cavity when the instrument is moved by a robotic complex and a surgeon. Russian Open Medical Journal. 2019;8(3) (no pagination);	2
10299	C. S. McEvoy Lt, Brief Reports. American Surgeon. 2019;85(6);E303-E305	8
10300	A. M. S.-M. Hill, A.Smith, B. C.Pauls, R. N., Associating genital hiatus size with long-term outcomes after apical suspension. International Urogynecology Journal. 2020;31(8);1537-1544	3

10301	P. O. Kumar, J. L.Tobis, J. M., Two cases of pericardial tamponade due to nitinol wire fracture of a gore septal occluder. Catheterization and Cardiovascular Interventions. 2020;96(1);219-224	8
10302	A. M. D'Andrilli, G.Venuta, F.Rendina, E. A., Mediastinal staging: when and how?. General Thoracic and Cardiovascular Surgery. 2020;68(7);725-732	8
10303	A. M. Islam, R. K., Evaluation of various port positions for minimal access cardiovascular and thoracic procedures. World Journal of Laparoscopic Surgery. 2019;12(3);101-115	7
10304	F. v. I. van Zanten, J. J.Paulides, T. J. C.Verheijen, P. M.Broeders, I. A. M. J.Consten, E. C. J.Lenters, E.Schraffordt Koops, S. E., Long-term mesh erosion rate following abdominal robotic reconstructive pelvic floor surgery: a prospective study and overview of the literature. International Urogynecology Journal. 2020;31(7);1423-1433	3
10305	A. K. Y. F. L. Fung, K.C. N. Chong CLai, P. B. S., Robotic cholecystectomy for duplicated gallbladder. Scottish Medical Journal. 2019;64(3);112-115	8
10306	K. G. van Renterghem, A., 3D pelvic cadaver model: a novel approach to surgical training for penile implant surgery. International Journal of Impotence Research. 2020;32(3);261-263	7
10307	J. S. Albersheim, N. J.Zabell, J.Renier, J.Bailey, T.Hanna, P.Konety, B. R.Weight, C. J., Skeletal Muscle and Fat Mass Indexes Predict Discharge Disposition after Radical Cystectomy. Journal of Urology. 2019;202(6);1143-1149	2
10308	S. F. de Luca, C.Tucci, M.Poggio, M.Allis, S.Bollito, E.Solitro, F.Passera, R.Buttigliero, C.Porpiglia, F., Prostate cancer management at an Italian tertiary referral center: Does multidisciplinary team meeting influence diagnostic and therapeutic decision-making process? A snapshot of the everyday clinical practice. Minerva Urologica e Nefrologica. 2019;71(6);576-582	2
10309	T. P. Jayakrishnan, D.Monga, D., Colloid Carcinoma of Pancreas in the Setting of Intraductal Papillary Mucinous Neoplasm (IPMN). Journal of Gastrointestinal Cancer. 2020;51(2);658-662	2
10310	H. Z. Zhang, Y.Chen, L. Q.Wang, Y., Robotic resection of a thymoma behind the left innominate vein. Interactive Cardiovascular and Thoracic Surgery. 2019;29(5);813-815	8
10311	T. K. Cosgun, E.Ayalp, K.Elbegi, I. C.Toker, A., Haemangioendothelioma: A disease with surgical options from robotic surgery to open superior vena cava replacement. Interactive Cardiovascular and Thoracic Surgery. 2019;29(3);449-452	3
10312	R. S.-S. Delara, E.Magrina, J.Magtibay, P., Robotic Excision of Full-thickness Diaphragmatic Endometriosis. Journal of Minimally Invasive Gynecology. 2020;27(4);815	8
10313	K. D. T. Clement, C.Aboumarzouk, O. M., Robot-assisted laparoscopic nephroureterectomy for a nephrogenic adenoma of ureter. Journal of the College of Physicians and Surgeons Pakistan. 2019;29(Supplement2);S151-S153	3
10314	A. V. Sterpetti, Cardiovascular Physio-Pathology by Leonardo da Vinci (1452-1519). Circulation Research. 2019;124(4);472-474	2
10315	G. M. Baiocchi, H.Goncalves, B. T.Faloppa, C. C.Kumagai, L. Y.Badiglian-Filho, L.da Costa, A. A. B. A.De Brot, L., Size of Sentinel Node Metastasis Predicts Non-sentinel Node Involvement in Endometrial Cancer. Annals of Surgical Oncology. 2020;27(5);1589-1594	2

10316	A. R. Adam, D., vaginal Delivery: A Novel Extraction Route for Large Renal Calculi Encountered during Laparoscopic Pyeloplasty. Current Urology. 2019;12(2);104-110	3
10317	J. C. L. Kim, J. L.Bong, J. W.Seo, J. H.Kim, C. W.Park, S. H.Kim, J., Oncological and anorectal functional outcomes of robot-assisted intersphincteric resection in lower rectal cancer, particularly the extent of sphincter resection and sphincter saving. Surgical Endoscopy. 2020;34(5);2082-2094	3
10318	V. R. Vazhayil, M.Beniwal, M.Sadashiva, N.Lakshmi, N. R. K. V.Somanna, S., An Overview of Robotics in Functional Neurosurgery. Indian Journal of Neurosurgery. 2019;8(1);44722	3
10319	K. I. E. Stewart, J. S.Harrison, R. F.Suidan, R.Abraham, A.Chisholm, G. B.Meyer, L. A.Westin, S. N.Fleming, N. D.Frumovitz, M.Aloia, T. A.Soliman, P. T., Implementation of a sentinel lymph node mapping algorithm for endometrial cancer: Surgical outcomes and hospital charges. International Journal of Gynecological Cancer. 2020;30(3);352-357	2
10320	B. Z. Zheng, X.Wang, X.Ge, L.Wei, M.Bi, L.Deng, X.Wang, Q.Li, J.Wang, Z., A comparison of open, laparoscopic and robotic total mesorectal excision: trial sequential analysis and network meta-analysis. Colorectal Disease. 2020;22(4);382-391	5
10321	E. A. Islamoglu, Y.Ari, O.Anil, H.Yildiz, A.Ates, M.Savas, M., Robotic-assisted laparoscopic prostatectomy: Initial experience of 267 cases. Bulletin of Urooncology. 2019;18(1);14-17	3
10322	E. G. Nagaoka, J.Vola, M.Kiaii, B., Early Clinical Experiences of Robotic Assisted Aortic Valve Replacement for Aortic Valve Stenosis with Sutureless Aortic Valve. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2020;15(1);88-92	3
10323	B. M. B. Sephton, P.Edwards, T. C.Ali, A.Kumar Singh, V.Nathwani, D., Predictors of extended length of stay after unicompartmental knee arthroplasty. Journal of Clinical Orthopaedics and Trauma. 2020;11(Supplement 2);S239-S245	5
10324	R. H. J. Waidyasekera, U.Samarasekera, D. N., Quality and scientific accuracy of patient-oriented information on the internet on minimally invasive surgery for colorectal cancer. Health Policy and Technology. 2020;9(1);86-93	5
10325	K. Y. P. Zhan, S. V.Li, M. M.Silverman, D. A.Agrawal, A. A.Ozer, E.Old, M. O.Carrau, R. L.Rocco, J. W.Higgins, K. M.Enepekides, D. J.Husain, Z.Kang, S. Y.Eskander, A., National treatment trends in human papillomavirus-positive oropharyngeal squamous cell carcinoma. Cancer. 2020;126(6);1295-1305	2
10326	A. H. Peyser, A.Sakaris, A.Singer, T., Vaginal cuff dehiscence following controlled ovarian stimulation recognized during egg retrieval. Fertility Research and Practice. 2019;5(1) (no pagination);	2
10327	P. N. Jain, D. M.Fermin, L.Maratea, E.Fabbro, M., Tracheal Bronchus: Anesthetic Implications and Importance of Early Recognition in the Context of Bronchial Blocker Use for Lung Isolation. Journal of Cardiothoracic and Vascular Anesthesia. 2020;34(4);1019-1022	8
10328	M. N. Wasson, Chronic Pelvic Pain Caused by Postmenopausal Endometriosis. Journal of Minimally Invasive Gynecology. 2020;27(3);561-563	8
10329	D. S. S. Keil, L. D.Carey, E. T.Moulder, J. K.Goetzinger, A. M.Patidar, S. M.Hance, L. M.Kolarczyk, L. M.Isaak, R. S.Strassle, P. D.Schoenherr, J. W., Predictors of Admission after the Implementation of an Enhanced Recovery after Surgery Pathway for Minimally Invasive Gynecologic Surgery. Anesthesia and Analgesia. 2019;129(3);776-783	3

10330	M. W. G. Foster, V. M.Tewksbury, C. M.Giri, J. S.Dumon, K. R.Rame, J. E.Williams, N. N., Laparoscopic Sleeve Gastrectomy Carries a Lower Perioperative Mortality Including Sudden Cardiac Death over Roux-en-Y Gastric Bypass in Patients with a Prior Cardiac History: An MBSAQIP Analysis. Obesity Surgery. 2020;30(3);812-818	3
10331	H. D. F. Patel, F. A.Patel, N. D.Pavlovich, C. P.Allaf, M. E.Han, M.Herati, A. S., Effect of a prospective opioid reduction intervention on opioid prescribing and use after radical prostatectomy: results of the Opioid Reduction Intervention for Open, Laparoscopic, and Endoscopic Surgery (ORIOLES) Initiative. BJU International. 2020;125(3);426-432	2
10332	H. M. Iwamoto, S.Hikita, K.Honda, M.Takenaka, A., Postoperative inguinal hernia after robotic-assisted radical prostatectomy for prostate cancer: Evaluation of risk factors and recommendation of a convenient prophylactic procedure. Central European Journal of Urology. 2019;72(4);418-424	3
10333	C. M. K. Thomas, M. N.Mohan, R.Hendler, A.Hosni, A.Chepeha, D. B.Goldstein, D. P.Cooper, R. M.de Almeida, J. R., Lymphatic mapping with SPECT-CT for evaluation of contralateral drainage in lateralized oropharyngeal cancers using an awake injection technique. Head and Neck. 2020;42(3);385-393	2
10334	K. G. Hur, M.Kim, J.Ference, E. H., Adverse Events Associated with Balloon Sinuplasty: A MAUDE Database Analysis. Otolaryngology - Head and Neck Surgery (United States). 2020;162(1);137-141	2
10335	A. L. y. L. Cuendis-Velazquez, M. A.Bada-Yllan, O.Zozaya-Garcia, J. M.Melchor-Ruan, J.Vela-Sarmiento, I.Moreno-Portillo, M., Fully robotic pancreatoduodenectomy. First procedure in Mexico. Revista de Gastroenterologia de Mexico. 2020;85(1);100-102	8
10336	N. M. Fatima, A.Pollom, E.Chang, S. D.Soltys, S., Stereotactic Radiosurgery for Large Benign Intracranial Tumors. World Neurosurgery. 2020;134;e172-e180	3
10337	Z. W. Xu, J.Yu, J.Shen, Q.Fan, X.Tan, W.Cao, X.Ma, H.Xu, S., Report on the First Nonintubated Robotic-Assisted Thoracic Surgery. Journal of Cardiothoracic and Vascular Anesthesia. 2020;34(2);458-460	8
10338	T. D. S. Lyon, N. D.Tollefson, M. K.Shah, P. H.Sangaralingham, L. R.Asante, D.Thompson, R. H.Karnes, R. J.Frank, I.Boorjian, S. A., Trends in Extended-Duration Venous Thromboembolism Prophylaxis Following Radical Cystectomy. Urology. 2020;136;105-111	2
10339	S. N. S. Ambani, P.Malaeb, B. S.Barboglio-Romo, P.Stoffel, J. T., Does Early Ureteroneocystostomy After Iatrogenic Ureteral Injury Jeopardize Outcome?. Urology. 2020;136;245-250	3
10340	M. T. Nakagawa, M.Aburatani, T.Sato, Y.Matsuyama, T.Nakajima, Y.Kinugasa, Y., Feasibility and Safety of Early Oral Intake and Discharge After Total or Proximal Gastrectomy: An Analysis of Consecutive Cases Without Exclusion Criteria. Annals of Surgical Oncology. 2020;27(3);812-821	2
10341	E. B. Ballon-Landa, S. K., Prostate Artery Embolization for Severe BPH in a Patient Unfit for Surgery. Urology. 2020;136;e24-e25	8
10342	A. M. K. Makhdom, G. J.Wu, E.Lonner, J. H., Rotational alignment errors can occur in unicompartmental knee arthroplasty if anatomical landmarks are misused: A preoperative CT scan analysis. Knee. 2020;27(1);242-248	3
10343	K. M. Khanna, M.Gundeti, M. S., Technical description of the "LUAA" technique for robotic ureteric reimplantation. Urology Video Journal. 2019;4 (no pagination);	3
10344	T. N. Fujikawa, S.Hirata, K.Hasegawa, S., The study on the Safety and Feasibility of Gastroenterological Surgery in Patients Undergoing Antithrombotic Therapy: Study protocol for a multicenter prospective cohort analysis (the GSATT study). Journal of Gastroenterology and Hepatology Research. 2019;8(6);3003-3008	5

10345	F. G. Zattoni, F.Toso, F.Bednarova, I.Grossetti, B.Ferraioli, G.Pizzolitto, S.Giannarini, G.Dal Moro, F., Robotic treatment of a rare paramedian cystic lesion of the lower male urogenital tract. Urology Video Journal. 2019;4 (no pagination);	3
10346	B. Q. B. Smith, J. D.Thomas, E. D.Turner, T. B.McGwin, G.Stisher, A. M.Leath, C. A.Novak, L.Huh, W. K., The Reliability of Intraoperative Assessment on Predicting Tumor Size, Myometrial Invasion, and Cervical Involvement in Patients with a Preoperative Diagnosis of Complex Atypical Hyperplasia or (Clinical Stage I) Endometrial Cancer: A Prospective Cohort Study. American Journal of Clinical Oncology: Cancer Clinical Trials. 2020;43(2);122-127	4
10347	S. S. Majala, H.Kemppainen, J.Sundstrom, J.Schalin-Jantti, C.Gullichsen, R.Schildt, J.Mustonen, H.Vesterinen, T.Arola, J.Kauhanen, S., Prediction of the aggressiveness of non-functional pancreatic neuroendocrine tumors based on the dual-tracer PET/CT. EJNMMI Research. 2019;9(1) (no pagination);	2
10348	A. D. Mehmi, T.Hashim, H.Koupparis, A., Robotic ileocystoplasty and bladder neck artificial urinary sphincter insertion: Video demonstration of technique. Urology Video Journal. 2019;3 (no pagination);	3
10349	S. K. B. Regmi, P.Weight, C. J., Trans-retro partial nephrectomy: A novel approach for posterior kidney tumors. Urology Video Journal. 2019;1 (no pagination);	8
10350	S. S. Puliatti, M. C.Rocco, B.Patel, V.Francesco, P.Micali, S.Eissa, A.Torricelli, P.Bianchi, G., First live case of augmented reality robot-assisted radical prostatectomy from 3D magnetic resonance imaging reconstruction integrated with PRECE model (Predicting Extracapsular extension of prostate cancer). Urology Video Journal. 2019;1 (no pagination);	2
10351	A. T. Veccia, A.Autorino, R., ICG-near infrared guided robot-assisted pyeloplasty in patient with retrocaval ureter. Urology Video Journal. 2019;3 (no pagination);	10
10352	J. H. S. Marks, J. F.Anderson, B. K.Josse, J. M.Schoonyoung, H. P., Single-port robotic left colectomy: first clinical experience using the SP robot (rSILS). Techniques in Coloproctology. 2020;24(1);57-63	3
10353	J. B. Taylor, E.Steinberg, G. D., Update on the guideline of guidelines: non-muscle-invasive bladder cancer. BJU International. 2020;125(2);197-205	8
10354	Y. Q. He, Y.Jing, J. C.Chen, Z., Characterization of oviduct ciliary beat frequency using real time phase resolved Doppler spectrally encoded interferometric microscopy. Biomedical Optics Express. 2019;10(11);5650-5659	7
10355	M. J. P. Xu, K. A.Gurman, Z. R.Humphrey, A. K.Ha, P. K.Wang, S. J.El-Sayed, I. H.Heaton, C. M.George, J. R.Yom, S. S.Algazi, A. P.Ryan, W. R., Treatment modality impact on quality of life for human papillomavirus-associated oropharynx cancer. Laryngoscope. 2020;130(2);E48-E56	3
10356	A. T. Ramani, G.Ghouri, Y.Koon, E. C.Di Salvo, M.McKenna, G. J.Bayer, J.Marie Warren, A.Wall, A.Johannesson, L., DUETS (Dallas UtErus Transplant Study): Complete report of 6-month and initial 2-year outcomes following open donor hysterectomy. Clinical Transplantation. 2020;34(1) (no pagination);	3
10357	L. V. H. Eisman, K.Masaba, E.Somkuti, S.Nichols, J.Barmat, L., Clinical outcomes of robotic versus open myomectomy performed by one surgeon a total of 350 patients. Journal of Reproductive Medicine. 2019;64(2);111-114	13
10358	S. S. Tsunoda, H.Kanaya, S.Okabe, H.Tanaka, E.Obama, K.Hosogi, H.Hisamori, S.Sakai, Y., Mesenteric excision of upper esophagus: a concept for rational anatomical lymphadenectomy of the recurrent laryngeal nodes in thoracoscopic esophagectomy. Surgical Endoscopy. 2020;34(1);133-141	3
10359	Z. P. Bardosi, C.Ozbek, Y.Hofmann, T.Milosavljevic, S.Schartinger, V.Freysinger, W., CIGuide: in situ augmented reality laser guidance. International Journal of Computer Assisted Radiology and Surgery. 2020;15(1);49-57	7

10360	R. D. Zheng, C. L.O'Malley, T.Palazzo, F.Evans, N. R., Surgical management of growing teratoma syndrome: robotic-assisted thoracoscopic resection of mediastinal teratoma. Surgical Endoscopy. 2020;34(2);1019-1023	3
10361	K. B. Meredith, P.Maramara, T.Takahashi, C.Huston, J.Shridhar, R., Comparative outcomes of minimally invasive and robotic-assisted esophagectomy. Surgical Endoscopy. 2020;34(2);814-820	13
10362	D. J. Wei, S.Goldstein, L.Nagle, D., Minimally invasive colectomy is associated with reduced risk of anastomotic leak and other major perioperative complications and reduced hospital resource utilization as compared with open surgery: a retrospective population-based study of comparative effectiveness and trends of surgical approach. Surgical Endoscopy. 2020;34(2);610-621	2
10363	E. L. S. Hampp, N.Scholl, L.Deren, M. E.Yenna, Z.Westrich, G.Mont, M. A., Less iatrogenic soft-tissue damage utilizing robotic-assisted total knee arthroplasty when compared with a manual approach: A blinded assessment. Bone and Joint Research. 2019;8(10);495-501	7
10364	M. W. F. Witthaus, S.Melnyk, R.Campbell, T.Saba, P.Mathews, E.Ezzat, B.Ertefaie, A.Frye, T. P.Wu, G.Rashid, H.Joseph, J. V.Ghazi, A., Incorporation and validation of clinically relevant performance metrics of simulation (CRPMS) into a novel full-immersion simulation platform for nerve-sparing robot-assisted radical prostatectomy (NS-RARP) utilizing three-dimensional printing and hydrogel casting technology. BJU International. 2020;125(2);322-332	3
10365	A. H. Nakazawa, K.Mitsuishi, M.Jannin, P., Real-time surgical needle detection using region-based convolutional neural networks. International Journal of Computer Assisted Radiology and Surgery. 2020;15(1);41-47	2
10366	I. G. Sucandy, A.Spence, J.Ross, S.Rosemurgy, A., Robotic caudate lobe liver resection following robotic left hepatectomy for cholangiocarcinoma. Journal of Hepato-Biliary-Pancreatic Sciences. 2020;27(1);E9-E10	8
10367	T. K. Hirai, K.Kataruka, A.Gosch, K. L.Brandt, H.Nicholson, W. J.Lombardi, W. L.Grantham, J. A.Salisbury, A. C., Initial report of safety and procedure duration of robotic-assisted chronic total occlusion coronary intervention. Catheterization and Cardiovascular Interventions. 2020;95(1);165-169	12
10368	S. Y. S. Park, H.Heo, S. Y., Preclinical, cadaveric study of the application of da Vinci single port system in thoracic surgery. Journal of Thoracic Disease. 2019;11(12);5586-5591	7
10369	C. W. Zhang, L.Li, W.Huang, Z.Liu, W.Bao, P.Lai, Y.Han, Y.Li, X.Zhao, J., Surgical outcomes of stage IV non-small cell lung cancer: A single-center experience. Journal of Thoracic Disease. 2019;11(12);5463-5473	3
10370	Y. X. Zhao, Y.Song, J.Qiu, T.Qin, Y.Jiao, W., A novel technique for identification of the segments based on pulmonary artery plane combined with oxygen diffusing discrepancy. Journal of Thoracic Disease. 2019;11(12);5427-5432	2
10371	N. M. Nassiri, M.Fichtenbaum, E. J.Aron, M., A Young Female With Refractory Hypertension. Urology. 2020;135;e1	3
10372	M. S. K. Tretiakova, E. L.Gore, J. L.Tykodi, S. S., Thyroid-Like Follicular Renal Cell Carcinoma Arising Within Benign Mixed Epithelial and Stromal Tumor. International Journal of Surgical Pathology. 2020;28(1);80-86	3
10373	K. M. G. Sundaram, J.Gellert, L. L.Fonseca, R. B., Development of multiple adrenal myelolipomas after trauma-induced adrenal haemorrhage. BMJ Case Reports. 2019;12(12) (no pagination);	3
10374	G. N. Pelizzo, G.Calcaterra, V., Pediatric and adolescent gynecology: Treatment perspectives in minimally invasive surgery. Pediatric Reports. 2019;11(4);64-71	8

10375	O. B. Salomon, I.Avishai, E.Tamarin, I.Bashari, D.Dardik, R.Livnat, T., Single Low Dose of rFVIIa Combined with Antifibrinolytic Agent is a Simple and Safe Treatment for Factor XI-Deficient Patients undergoing Surgery. Thrombosis and Haemostasis. 2019;119(12);1927-1932	2
10376	B. K. Kayani, S.Ayuob, A.Ayyad, S.Haddad, F. S., The current role of robotics in total hip arthroplasty. EFORT Open Reviews. 2019;4(11);618-625	8
10377	W. W. L. Kim, Y. M.Chung, K. W.Hong, S. J.Sung, T. Y., Comparison of robotic posterior retroperitoneal adrenalectomy over laparoscopic posterior retroperitoneal adrenalectomy: A single tertiary center experience. International Journal of Endocrinology. 2019;2019 (no pagination);	13
10378	A. C. Yuksel, M., A simple and safe technique in extracting specimen after sleeve gastrectomy. World Journal of Laparoscopic Surgery. 2019;12(1);44565	2
10379	T. K. Hirai, H.Balkhy, H. H.Blair, J. E. A., Advanced Hybrid Complete Revascularization with TECAB and Impella-Assisted PCI of CTO. Cardiovascular Revascularization Medicine. 2019;20(11 Supplement);51-54	3
10380	B. B. M. Scott, M. W.Hamaguchi, R.Wilson, J. L.Kent, M. S.Gangadharan, S. P., Robot-assisted thoracoscopic mediastinal parathyroidectomy: A single surgeon case series. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2019;29(12);1561-1564	3
10381	K. W. Teo, C.Bax, K.Roadley, G., Isolated port-site prostate metastasis after robot-assisted laparoscopic radical prostatectomy. ANZ journal of surgery. 2019;89(10);E443-E444	3
10382	M. J. R. Cotler, E. B.Ramadi, K. B.Fang, J.Graybiel, A. M.Langer, R.Cima, M. J., Steerable Microinvasive Probes for Localized Drug Delivery to Deep Tissue. Small (Weinheim an der Bergstrasse, Germany). 2019;15(37);e1901459	2
10383	D. P. W. Swain, J. L.Wilson, P. B., Aerobic Recovery after Radical Prostatectomy: A Case Study. Medicine and science in sports and exercise. 2020;52(2);296-302	5
10384	E. H. C. Chong, S. H., Hybrid Laparoscopic and Robotic Hepatopancreaticoduodenectomy for Cholangiocarcinoma. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2019;23(9);1947-1948	3
10385	J. U. K. Chong, C. M., Robotic Single-Site Plus One Port: Pancreas Enucleation. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2019;23(7);1527-1528	3
10386	T. H. Ojima, K.Yamaue, H., Robotic complete lymphadenectomy at the splenic hilum during total gastrectomy for advanced gastric cancer (with video). Journal of visceral surgery. 2019;156(2);173-174	3
10387	H. R. S. Sullivan, S. J., Are Current Tort Liability Doctrines Adequate for Addressing Injury Caused by AI?. AMA journal of ethics. 2019;21(2);E160-E166	2
10388	D. B. Schiff, J., How Should Clinicians Communicate With Patients About the Roles of Artificially Intelligent Team Members?. AMA journal of ethics. 2019;21(2);E138-E145	2
10389	I. S.-M. Villanueva-Naquid, C.Aguilar-Ponce, R.Tovar-Arriaga, S.Cuevas-Tello, J. C.Puente-Montejano, C. A.Mejia-Carlos, M.Torres-Corzo, J. G., Risk assessment methodology for trajectory planning in keyhole neurosurgery using genetic algorithms. International Journal of Medical Robotics and Computer Assisted Surgery. 2020;16(2) (no pagination);	2
10390	M. P. Zatloukal, V.Ostrizkova, L.Valek, V.Kala, Z.Penka, I., Synchronni, do jater metastazujici karcinom rekta a moznosti simultanni resekce, Synchronous liver metastases of rectal cancer and the possibility of simultaneous resection. Rozhledy v chirurgii : mesicnik Ceskoslovenske chirurgicke spolecnosti. 2019;98(10);394-398	8

10391	F. T. Kizilay, B.Apaydin, E.Semerci, B., Comparison of long-term outcomes of laparoscopic and robot-assisted laparoscopic partial nephrectomy. Kaohsiung Journal of Medical Sciences. 2019;35(4);238-243	13
10392	S. M. Smelzo, G.Suardi, N.Passaretti, G.De Marchi, D.Pini, G.Oreggia, D.Gaboardi, F., Robotic surgery in patients with achondroplastic dwarfism: evaluation of risks and issues in an anatomical challenging bilateral partial nephrectomy. Journal of Robotic Surgery. 2019;13(6);783-786	3
10393	C. L. Wu, C. Y.Huang, T. J.Wu, M. H., Cement-augmented pedicle screw insertion assisted by spinal robotic systems for widespread spinal metastases. Journal of Robotic Surgery. 2019;13(4);595-598	3
10394	I. U. Yoshimura, H.Nakayama, A.Takatama, K.Yoshida, T., Robot-assisted bladder diverticulectomy sequentially followed by robot-assisted radical prostatectomy: a case series. Journal of Robotic Surgery. 2019;13(2);227-230	5
10395	A. E. Sahovaler, D. E.Bruni, I.Duvvuri, U.MacNeil, S. D.Nichols, A. C.Yoo, J.Fung, K.Roth, K., Novel minimally invasive transoral surgery bleeding model implemented in a nationwide otolaryngology emergencies bootcamp. Journal of Robotic Surgery. 2019;13(6);773-778	7
10396	F. F. Reche, B.Mancini, A., Robotic reoperation for gastro-gastric fistula after laparoscopic Roux-en-Y gastric bypass (with video). Journal of visceral surgery. 2019;156(3);263-265	3
10397	H. D. Tang, W.Sun, Z.Wang, Y.Li, L.Ding, Y.Zhou, Y., Optimization of factors influencing temperature rise and thermal necrosis of a robot driven piezoelectric osteotomy in bovine cortical bone: An in vitro study using an orthogonal test design. Clinical Biomechanics. 2019;70;249-256	7
10398	K. W. P. Ryu, Y. S.Kwon, O. K.Oh, J.Lee, H. H.Kong, S. H.Son, T.Hur, H.Jee, Y. S.Yoon, H. M.Kim, C.Min, B. H.Song, H. J.Shin, W. G.Lee, S. K.Jang, J. Y.Jung, H. K.Ryu, M. H.Sym, S. J.Oh, S.Shim, B. Y.Zang, D. Y.Han, H. S.Koo, D. H.Kim, H. S.Maeng, C. H.Hwang, I. G.Yu, J. I.Chie, E. K.Kim, J. M.Kim, B. H.Kook, M. C.Lee, H. S.Choi, M.Kim, C. Y.Jin, S.Park, J. M.Shin, C. M.Oh, D. Y.Lee, K. W.Kim, T. H.Kim, K. M., Korean practice guideline for gastric cancer 2018: An evidence-based, multi-disciplinary approach. Journal of Gastric Cancer. 2019;19(1);1-48	8
10399	C. C. Buskmiller, B.Xynos, F., Medical diligence uncovers fallopian tube cancer after abnormal Pap test. BMJ Case Reports. 2019;12(7) (no pagination);	3
10400	J. M. G. Jorge, A.Gonzalvo, J. P., Robotic-assisted conversion of Nissen fundoplication to Roux-en-Y gastric bypass (avoiding pitfalls). Surgery for Obesity and Related Diseases. 2019;15(9);1643	3
10401	T. N. Ojima, M.Nakamori, M.Yamaue, H., Robotic distal gastrectomy with D2 lymphadenectomy for gastric cancer in a patient with situs inversus totalis. Surgical Oncology. 2019;30;98-99	3
10402	M. D. A. H. A. A. Gross, B.Hu, J. C., Assessing Treatment-Related Toxicity Using Administrative Data, Patient-Reported Outcomes, or Physician-Graded Toxicity: Where Is the Truth?. Seminars in Radiation Oncology. 2019;29(4);333-337	8
10403	R. C. Chen, Big Data in Oncology: Toward a Goal of Learning More From Every Patient. Seminars in Radiation Oncology. 2019;29(4);299-301	8
10404	J. M. F. Goldberg, T.Diamond, M. P., Current controversies in tubal disease, endometriosis, and pelvic adhesion. Fertility and Sterility. 2019;112(3);417-425	3
10405	S. J. L. Estes, S. R., Reproductive surgery: glimpses into the past and thoughts for the future (part 2). Fertility and Sterility. 2019;112(3);406-407	8
10406	S. S. B. Panesar, G. W., Endovascular Robotics: The Future of Cerebrovascular Surgery. World Neurosurgery. 2019;129;327-329	8

10407	F. A. Jaderling, O.Aly, M.Bjorklund, J.Olsson, M.Adding, C.Oberg, M.Blomqvist, L.Nyberg, T.Wiklund, P.Carlsson, S., Preoperative staging using magnetic resonance imaging and risk of positive surgical margins after prostate-cancer surgery. Prostate Cancer and Prostatic Diseases. 2019;22(3);391-398	3
10408	Y. D. H. Wang, C. P.Chang, C. H.Wu, H. C.Yang, C. R.Wang, Y. P.Hsieh, P. F., The role of RENAL, PADUA, C-index, CSA nephrometry systems in predicting ipsilateral renal function after partial nephrectomy. BMC Urology. 2019;19(1) (no pagination);	5
10409	X. K. Mimica, N.McGill, M. R.Hay, A.Zanoni, D. K.Shah, J. P.Wong, R. J.Cohen, M. A.Patel, S. G.Ganly, I., Polymorphous adenocarcinoma of salivary glands. Oral Oncology. 2019;95;52-58	3
10410	C. H. Ning, X.Liu, F.Lin, J.Zhang, J.Wang, Z.Zhu, Y., Post-surgical outcomes of patients with chronic kidney disease and end stage renal disease undergoing radical prostatectomy: 10-year results from the US National Inpatient Sample. BMC Nephrology. 2019;20(1) (no pagination);	3
10411	G. B. Torregrossa, M.Mancini, D.Puskas, J., Robotic Coronary Artery Bypass Grafting for Transplant Vasculopathy. Annals of Thoracic Surgery. 2019;108(2);e77-e79	3
10412	A. C. Mari, R.Schiavina, R.Amparore, D.Antonelli, A.Artibani, W.Barale, M.Bertini, R.Borghesi, M.Bove, P.Brunocilla, E.Capitanio, U.Da Pozzo, L.Daja, J.Gontero, P.Larcher, A.Li Marzi, V.Longo, N.Mirone, V.Montanari, E.Pisano, F.Porpiglia, F.Simeone, C.Siracusano, S.Tellini, R.Trombetta, C.Volpe, A.Carini, M.Minervini, A.Altieri, V.Berardinelli, F.Celia, A.Costantini, E.Di Maida, F.Falsaperla, M.Ficarra, V.Fiori, C.Furlan, M.Marson, F.Montorsi, F.Morgia, G.Porreca, A.Roscigno, M.Schips, L.Selli, C.Simonato, A.Terrone, C.Vespasiani, G.Villari, D., Nomogram for predicting the likelihood of postoperative surgical complications in patients treated with partial nephrectomy: a prospective multicentre observational study (the RECORd 2 project). BJU International. 2019;124(1);93-102	3
10413	A. X. Shakoor, M.Luo, T.Hou, J.Shen, Y.Mills, J. K.Sun, D., Achieving Automated Organelle Biopsy on Small Single Cells Using a Cell Surgery Robotic System. IEEE Transactions on Biomedical Engineering. 2019;66(8);2210-2222	3
10414	V. C. Mamone, S.Cutolo, F.Tamadon, I.Menciassi, A.Murzi, M.Ferrari, M.Ferrari, V., Low-Computational Cost Stitching Method in a Three-Eyed Endoscope. Journal of Healthcare Engineering. 2019;2019 (no pagination);	3
10415	C. H. D. J. David, X. B.Dutau, H.Thomas, P. A., Transdiaphragmatic plombage omentoplasty without thoracotomy for post-lobectomy bronchial fistula. Journal of Thoracic and Cardiovascular Surgery. 2019;157(6);e413-e415	3
10416	A. N. G. Sholi, K. D.Pomp, A., Management and outcome of an appendiceal collision tumour composed of neuroendocrine and mucinous neoplasms. BMJ Case Reports. 2019;12(7) (no pagination);	3
10417	M. L. Haifler, A.Gal, J.Verhovsky, G.Kord, E.Zisman, A., Interobserver Agreement of the Estimated Contact Surface Area System for Renal Masses. Clinical Genitourinary Cancer. 2019;17(4);e802-e805	3
10418	H. H. Kitahara, T.McCrorey, M.Patel, B.Nisivaco, S.Nathan, S.Balkhy, H. H., Hybrid coronary revascularization: Midterm outcomes of robotic multivessel bypass and percutaneous interventions. Journal of Thoracic and Cardiovascular Surgery. 2019;157(5);1829-1836.e1	5
10419	M. L. M. Boisen, A. J.Esper, S. A.Holder-Murray, J.Zureikat, A. H.Hogg, M. E.Paronish, J.Subramaniam, K., Intrathecal Morphine Versus Nerve Blocks in an Enhanced Recovery Pathway for Pancreatic Surgery. Journal of Surgical Research. 2019;244;15-22	3

10420	P. B. MacKoul, R.Danilyants, N.van der Does, L. Q.Haworth, L. R.Kazi, N., Laparoscopic-Assisted Myomectomy with Bilateral Uterine Artery Occlusion/Ligation. Journal of Minimally Invasive Gynecology. 2019;26(5);856-864	13
10421	D. E. Padgett, Simplifying the Hip-Spine Relationship for Total Hip Arthroplasty: What Do I Need to Do Differently Intraoperatively?. Journal of Arthroplasty. 2019;34(7 Supplement);S71-S73	8
10422	S. S. Ayloo, J., Robot-Assisted Repair of E<inf>1</inf> Biliary Ductal Injury with Roux-en-Y Hepaticojejunostomy. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2019;29(6);817-819	3
10423	Y. C. C. Chen, H. W.Lee, C. H.Huang, S. P., A Rare delayed bladder migration of a hem-o-lok clip 5 years after robotic-Assisted radical prostatectomy. Urologia Internationalis. 2019;102(4);495-497	3
10424	B. P. B. Rai, J.Vasdev, N.Adshead, J.Lane, T.Ahmed, K.Khan, M. S.Dasgupta, P.Guru, K.Chlosta, P. L.Aboumarzouk, O. M., Robotic versus open radical cystectomy for bladder cancer in adults. Cochrane Database of Systematic Reviews. 2019;2019(4) (no pagination);	8
10425	C. M. S. J. Kim, M. A., Should the Contralateral Tonsil Be Removed in Cases of HPV-Positive Squamous Cell Carcinoma of the Tonsil?. Laryngoscope. 2019;129(6);1257-1258	8
10426	G. Z. Liao, Z.Khan, M.Yuan, Y.Li, X., Comparative analysis of robotic gastrectomy and laparoscopic gastrectomy for gastric cancer in terms of their long-term oncological outcomes: A meta-analysis of 3410 gastric cancer patients. World Journal of Surgical Oncology. 2019;17(1) (no pagination);	8
10427	S. H. Yu, H.Ding, G., Robot-Assisted Laparoscopic Left Renal Vein Transposition for the Treatment of Nutcracker Syndrome: A Preliminary Experience. Annals of Vascular Surgery. 2019;57;69-74	3
10428	W. Z. Li, J.Zhang, Y.Yuan, F.Lyu, P., Temperature and depth evaluation of the in vitro effects of femtosecond laser on oral soft tissue, with or without air-cooling. Lasers in Medical Science. 2019;34(4);649-658	2
10429	L. G. Fazekas, A.Gieszer, B.Radeczky, P.Meszaros, L.Torok, K.Bogyo, L.Hartyanszky, I.Polos, M.Daroczi, L.Agocs, L.Kocsis, A.Bartok, T.Dancs, T.Toth, K. K.Schonauer, N.Madurka, I.Elek, J.Dome, B.Renyi-Vamos, F.Lang, G.Farkas, A., Lung Transplantation in Hungary From Cardiac Surgeons' Perspective. Transplantation Proceedings. 2019;51(4);1263-1267	2
10430	D. I. G. Shalowitz, A.Schoenbachler, N., Does surgical treatment of atypical endometrial hyperplasia require referral to a gynecologic oncologist?. American Journal of Obstetrics and Gynecology. 2019;220(5);460-464	3
10431	Z. L. Guan, J.Blazek, K.Guan, X., Robotic Single-Site Tubal Reanastomosis: The Robotic Factor. Journal of Minimally Invasive Gynecology. 2019;26(4);607	3
10432	K. C. Liu, X. Z.Zhang, W. H.Zhang, D. Y.Luo, Y.Yu, Y.Yang, K.Yang, S. J.Chen, X. L.Sun, L. F.Zhao, L. Y.Zhou, Z. G.Hu, J. K., Four-Step Procedure of laparoscopic exploration for gastric cancer in West China Hospital: a retrospective observational analysis from a high-volume institution in China. Surgical Endoscopy. 2019;33(5);1674-1682	3
10433	A. K. Crown, H.Kozarek, R.Lopez-Aguiar, A. G.Dillhoff, M.Beal, E. W.Poultsides, G. A.Makris, E.Idrees, K.Smith, P. M.Nathan, H.Beems, M.Abbott, D.Fisher, A. V.Fields, R. C.Davidson, J.Maithel, S. K.Rocha, F. G., Gastric carcinoids: Does type of surgery or tumor affect survival?. American Journal of Surgery. 2019;217(5);937-942	2

10434	F. C. Porpiglia, E.Amparore, D.Autorino, R.Piana, A.Bellin, A.Piazzolla, P.Massa, F.Bollito, E.Gned, D.De Pascale, A.Fiori, C., Augmented-reality robot-assisted radical prostatectomy using hyper-accuracy three-dimensional reconstruction (HA3DTM) technology: a radiological and pathological study. BJU International. 2019;123(5);834-845	2
10435	N. A. Merten, S.Hille, G.Hanses, M.Becker, M.Saalfeld, S.Preim, B., A two-step risk assessment method for radiofrequency ablations of spine metastases. Computers in Biology and Medicine. 2019;108;174-181	3
10436	P. S. Pipkorn, P.Kallogjeri, D.Adkins, D.Thorstad, W. T.Rich, J. T.Jackson, R. S., Outcomes of relapsed human papillomavirus-related oropharyngeal squamous cell carcinoma treated with curative intent. Head and Neck. 2019;41(5);1312-1319	3
10437	H. K. P. Kim, D.Kim, H. Y., Robotic transoral thyroidectomy: Total thyroidectomy and ipsilateral central neck dissection with da Vinci Xi Surgical System. Head and Neck. 2019;41(5);1536-1540	3
10438	D. S. Schneider, I.Anso, J.Hermann, J.Mueller, F.Pereira Bom Braga, G.Rathgeb, C.Wimmer, W.Schipper, J.Kristin, J.Caversaccio, M.Anschuetz, L.Weber, S.Klenzner, T., Robotic cochlear implantation: feasibility of a multiport approach in an ex vivo model. European Archives of Oto-Rhino-Laryngology. 2019;276(5);1283-1289	3
10439	Y. M. R. Wu, J.Chou, Q.MacMillan, B.Leong, Y.Welk, B., Association between method of pelvic organ prolapse repair involving the vaginal apex and re-operation: a population-based, retrospective cohort study. International Urogynecology Journal. 2019;30(4);537-544	2
10440	C. K. M. C. Vermeulen, A. L. W. M.Spaans, W. A.Roovers, J. P. W. R.Bongers, M. Y., Treatment of vaginal vault prolapse in The Netherlands: a clinical practice survey. International Urogynecology Journal. 2019;30(4);581-587	5
10441	L. A. R. Cadish, B. M.Shepherd, J. P., Cystoscopy at the time of benign hysterectomy: a decision analysis. American Journal of Obstetrics and Gynecology. 2019;220(4);369.e1-369.e7	3
10442	T. S. Kavvadias, H. H.Ebbing, J.Garcia, D. N.Kind, A. B., Robotic sacrocolpopexy for recurrent vaginal vault prolapse after sex reassignment surgery in a trans-woman. Journal of Obstetrics and Gynaecology. 2019;39(4);569-570	3
10443	Z. F. D. Lerner, D. L.Bulea, T. C., Computational modeling of neuromuscular response to swing-phase robotic knee extension assistance in cerebral palsy. Journal of Biomechanics. 2019;87;142-149	2
10444	T. D. B. Lyon, S. A.Shah, P. H.Tarrell, R.Cheville, J. C.Frank, I.Karnes, R. J.Thompson, R. H.Tollefson, M. K., Comprehensive characterization of perioperative reoperation following radical cystectomy. Urologic Oncology: Seminars and Original Investigations. 2019;37(4);292.e11-292.e17	3
10445	T. S. Dalager, K.Boyle, E.Jensen, P. T.Mogensen, O., Surgery Is Physically Demanding and Associated With Multisite Musculoskeletal Pain: A Cross-Sectional Study. Journal of Surgical Research. 2019;240;30-39	3
10446	L. B. Ouldamer, S.Body, G.Touboul, C.Graesslin, O.Raimond, E.Collinet, P.Coutant, C.Bricou, A.Lavoue, V.Leveque, J.Darai, E.Ballester, M., Incidence, patterns and prognosis of first distant recurrence after surgically treated early stage endometrial cancer: Results from the multicentre FRANCOGYN study group. European Journal of Surgical Oncology. 2019;45(4);672-678	3

10447	J. J. C. v. E. Tersteeg, L. M.Gobardhan, P. D.Kint, P. A. M.Rozema, T.Crolla, R. M. P. H.Schreinemakers, J. M. J., Early local recurrence and one-year mortality of rectal cancer after restricting the neoadjuvant therapy regime. European Journal of Surgical Oncology. 2019;45(4);597-605	3
10448	P. D. Sardari Nia, J. H. T.Maessen, J. G., Development of a high-fidelity minimally invasive mitral valve surgery simulator. Journal of Thoracic and Cardiovascular Surgery. 2019;157(4);1567-1574	3
10449	M. D. V. Vinan-Vega, T.Elli, E. F., Bariatric Surgery in the Elderly Patient: Safety and Short-time Outcome. A Case Match Analysis. Obesity Surgery. 2019;29(3);1007-1011	12
10450	X. D. Qi, J.Liu, H.Cui, X.Li, Y.Fu, W.Jiang, J.Fan, L., First report of in-situ preservation of a subcapsular parathyroid gland through super-meticulous capsular dissection during robotic radical thyroidectomy. Surgical Oncology. 2019;28;44817	5
10451	K. T. Oktay, E.Kawahara, T.Cillo, G. M., Robot-assisted orthotopic and heterotopic ovarian tissue transplantation techniques: surgical advances since our first success in 2000. Fertility and Sterility. 2019;111(3);604-606	3
10452	M. P. Waterloos, A.Pappas, A.De Bleser, E.De Groote, R.Weyers, S.Van Laecke, E.Hoebeke, P.Spinoit, A. F., Robot-assisted resection of ectopic kidney in children: An anatomical illustration. Journal of Pediatric Urology. 2019;15(1);87-88	3
10453	A. P. Satyanarayan, D.Davis, T. D.Peters, C. A., Robotic excision and ureteroureterostomy of blind-ending ureteral 'Duplication'. Journal of Pediatric Urology. 2019;15(1);91-92	3
10454	D. M. Nasioudis, E.Chapman-Davis, E.Frey, M. K.Caputo, T. A.Witkin, S. S.Holcomb, K., Minimally Invasive Staging of Apparent Stage I Malignant Ovarian Germ Cell Tumors: Prevalence and Outcomes. Journal of Minimally Invasive Gynecology. 2019;26(3);471-476	2
10455	O. S. Bougie, S. S.Chen, I.McCarthy, E. P., Relationship between Race/Ethnicity and Hysterectomy Outcomes for Benign Gynecologic Conditions. Journal of Minimally Invasive Gynecology. 2019;26(3);456-462	3
10456	K. A. H. Plonowska, P. K.Ryan, W. R., Advanced head and neck surgical techniques: A survey of US otolaryngology resident perspectives. Auris Nasus Larynx. 2019;46(2);272-278	4
10457	B. K. W. T. Rague JVarda, A. A.Lee, R. S., Delayed Return of Ejaculatory Function in Adolescent Males Treated With Retroperitoneal Lymph Node Dissection and Adjuvant Therapy for Paratesticular Rhabdomyosarcoma. Urology. 2019;124;254-256	3
10458	S. O. M. Quarrier, J. E.Wu, G., Robot-assisted Placement of Pelvic Tissue Expander for Radiation After Prostatectomy and Cystectomy for Treatment of Prostate Cancer Biochemical Recurrence. Urology. 2019;124;292-296	3
10459	R. B. Hoque, D. L., Large posterior lingual thyroglossal duct cyst pneumatically splinted with auto-continuous positive airway pressure at low pressures. Sleep Medicine. 2019;54;113-115	8
10460	K. A. V. Baugh, N.Farinas, C.Dhingra, S.Silberfein, E. J.Massarweh, N. N.Cao, H. T.Fisher, W. E.Van Buren, G., Pancreatic Incidentalomas: A Management Algorithm for Identifying Ectopic Spleens. Journal of Surgical Research. 2019;236;144-152	2
10461	H. L. Hsu, H. C.Liu, T. J., Factors causing prolonged mechanical ventilation and peri-operative morbidity after robot-assisted coronary artery bypass graft surgery. Heart and Vessels. 2019;34(1);44-51	3

10462	B. K. Kayani, S.Tahmassebi, J.Rowan, F. E.Haddad, F. S., An assessment of early functional rehabilitation and hospital discharge in conventional versus robotic-arm assisted unicompartmental knee arthroplasty. Bone and Joint Journal. 2019;101B(1);24-33	12
10463	A. M. Larcher, F.Peyronnet, B.De Naeyer, G.Khene, Z. E.Dell'Oglio, P.Ferreiro, C.Schatteman, P.Capitanio, U.D'Hondt, F.Montorsi, F.Bensalah, K.Mottrie, A., The Learning Curve for Robot-assisted Partial Nephrectomy: Impact of Surgical Experience on Perioperative Outcomes. European Urology. 2019;75(2);253-256	2
10464	P. V. Capogrosso, E. A.Benfante, N. E.Eastham, J. A.Scardino, P. J.Vickers, A. J.Mulhall, J. P., Are We Improving Erectile Function Recovery After Radical Prostatectomy? Analysis of Patients Treated over the Last Decade. European Urology. 2019;75(2);221-228	3
10465	K. H. Y. Huang, C. C.Hu, Y. H.Chang, C. C.Chan, C. K.Liao, S. C.Tsai, Y. C.Jeff Chueh, S. C.Wu, V. C.Lin, Y. H.Lin, J. H.Wang, W. J.Wu, C. H.Er, L. K.Chang, C. H.Chang, Y. L.Ho, Y. L.Chang, H. W.Lin, L. Y.Hu, F. C.Liu, K. L.Wang, S. M.Lu, C. C.Yen, R. F.Wu, K. D., Targeted treatment of primary aldosteronism - The consensus of Taiwan Society of Aldosteronism. Journal of the Formosan Medical Association. 2019;118(1P1);72-82	3
10466	L. S. K. Callegari, J. G.Gray, K. E.Doll, K.Pauk, S.Lynch, K. E.Uchendu, U. S.Zephyrin, L.Gardella, C., Associations between Race/Ethnicity, Uterine Fibroids, and Minimally Invasive Hysterectomy in the VA Healthcare System. Women's Health Issues. 2019;29(1);48-55	3
10467	F. A. Nezhat, R.Vega, M.Sirota, I.Vetere, P., Perioperative Outcomes in Robotic-Assisted Versus Conventional Laparoscopic Treatment of Endometrial Cancer. Journal of Gynecologic Surgery. 2019;35(6);350-355	13
10468	B. D. Knox, A.Ades, A., Isolated uterine metastasis from a lung adenocarcinoma. BMJ Case Reports. 2019;12(12) (no pagination);	3
10469	A. B. Srivatsav, A.Scovell, J.Mayer, W., Robotic-assisted laparoscopic resection of a primary renal neuroendocrine carcinoma. BMJ Case Reports. 2019;12(12) (no pagination);	3
10470	P. B. Di Benedetto, M. M.Magnanelli, S.Cainero, V.Causero, A., Comparison between standard technique and imagefree robotic technique in medial unicompartmental knee arthroplasty. Preliminary data. Acta Biomedica. 2019;90(Supplement 12);104-108	4
10471	C. T. K. Walker, U. K.Chang, S. W.Sonntag, V. K. H., History and advances in spinal neurosurgery. Journal of Neurosurgery: Spine. 2019;31(6);775-785	8
10472	S. Z. Occhipinti, L.Coughlin, G. D.Yaxley, J. W.Dunglison, N.Gardiner, R. A.Chambers, S. K., A prospective study of psychological distress after prostate cancer surgery. Psycho-Oncology. 2019;28(12);2389-2395	3
10473	Y. O. S. Ge, D. F., RGD conjugated switch on near infrared-fluorophores for fluorescence guided cancer surgeries. Future Oncology. 2019;15(36);4123-4125	8
10474	H. K. G. Le, R.Bush, R. A.Marietti, S.Alagiri, M.Chiang, G.Swords, K., Cost analysis of removing pediatric ureteral stents with and without a retrieval string. Journal of Pediatric Urology. 2019;15(6);624.e1-624.e6	4
10475	S. H. Mattheis, T.Hoing, B.Hasskamp, P.Holtmann, L.Lang, S., Robotics in laryngeal surgery. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2019;30(4);284-288	3
10476	A. M. Primov-Fever, O., Surgery for adult laryngeal papillomatosis. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2019;30(4);264-268	8
10477	M. F. Gill, L.Keating, J.Jayne, D. G.Renton, S.Shearman, C. P.Carlson, G. L., Avoiding, diagnosing and treating well leg compartment syndrome after pelvic surgery. British Journal of Surgery. 2019;106(9);1156-1166	8

10478	S. P. Chumnanvej, B. M.Suthakorn, J., Surgical robotic technology for developing an Endonasal Endoscopic Transsphenoidal Surgery (EETS) robotic system. Open Neurology Journal. 2019;13(1);96-106	7
10479	E. W. Makarainen-Uhlback, H.Kossi, J.Nikberg, M.Ohtonen, P.Rautio, T., Chimney Trial: Study protocol for a randomized controlled trial. Trials. 2019;20(1) (no pagination);	2
10480	R. N. T. Gest, K.Chmielewski, M. C.Sardain, H.Foucher, F.Coiffic, J.Leveque, J.Lavoue, V., Robotic surgery program in gynecology: Lessons from the first 100 procedures. Gynecologie Obstetrique Fertilite et Senologie. 2019;47(12);825-830	3
10481	A. S. Neheman, A.Gal, J.Haifler, M.Kord, E.Rappaport, Y. H.Zisman, A.Noh, P.Chertin, B., Robot-assisted Laparoscopic Extravesical Cross-trigonal Ureteral Reimplantation With Tailoring for Primary Obstructive Megaureter. Urology. 2019;134;243-245	3
10482	M. J. F. van der Poel, R. S.Bemelmans, M.Bosscha, K.Braat, A. E.de Boer, M. T.Dejong, C. H. C.Doornebosch, P. G.Draaisma, W. A.Gerhards, M. F.Gobardhan, P. D.Gorgec, B.Hagendoorn, J.Kazemier, G.Klaase, J.Leclercq, W. K. G.Liem, M. S.Lips, D. J.Marsman, H. A.Mieog, J. S. D.Molenaar, Q. I.Nieuwenhuijs, V. B.Nota, C. L.Patijn, G. A.Rijken, A. M.Slooter, G. D.Stommel, M. W. J.Swijnenburg, R. J.Tanis, P. J.te Riele, W. W.Terkivatan, T.van den Tol, P. M.van den Boezem, P. B.van der Hoeven, J. A.Vermaas, M.Abu Hilal, M.van Dam, R. M.Besselink, M. G.Zonderhuis, B.Rinkes, I. B.Hoff, C.Oosterling, S., Implementation and outcome of minor and major minimally invasive liver surgery in the Netherlands. Hpb. 2019;21(12);1734-1743	3
10483	M. R. L. Phillips, A. F.Vinocur, C. D.Hagerty, J. A., Robot-assisted repair of a urogenital sinus with an anorectal malformation in a patient with McKusick-Kaufman syndrome. Journal of Pediatric Urology. 2019;15(5);481-483	3
10484	A. F. M. Spinoit, N.Raes, A.Prytula, A.De Groote, R.Ploumidis, A.De Bleser, E.Randon, C.Vanpeteghem, C.Walle, J. V.Van Laecke, E.Vermassen, F.Decaestecker, K., Single-setting robot-assisted kidney transplantation consecutive to single-port laparoscopic nephrectomy in a child and robot-assisted living-related donor nephrectomy: initial Ghent experience. Journal of Pediatric Urology. 2019;15(5);578-579	5
10485	A. S. Khan, V.Manzoor, M. P.Mujeeburahiman, M.Dsouza, N., Robotic-assisted radical adrenalectomy for large adrenocortical carcinoma. Acta Medica International. 2019;6(2);93-95	3
10486	B. F. Azizi Koutenaei, J.Alambeigi, F.Wilson, E.Guler, O.Oetgen, M.Cleary, K.Navab, N., Radiation-free methods for navigated screw placement in slipped capital femoral epiphysis surgery. International Journal of Computer Assisted Radiology and Surgery. 2019;14(12);2199-2210	2
10487	M. F. S. Deleon, I.Akeel, N. Y.Holubar, S. D.Stocchi, L.Hull, T. L., Diverticular Colovaginal Fistulas: What Factors Contribute to Successful Surgical Management?. Diseases of the Colon and Rectum. 2019;62(9);1079-1084	3
10488	M. M. S. Symer, A.Yeo, H. L., Case Sequence Analysis of the Robotic Colorectal Resection Learning Curve. Diseases of the Colon and Rectum. 2019;62(9);1071-1078	3
10489	A. P. S. Patel, D.Lee, C.Lakha, A.Ehrenpreis, E. D., The waiting game: Laparoscopic repair of dual Morgagni and paraesophageal hernias in an elderly, infirm patient. Journal of Surgical Case Reports. 2019;2019(8) (no pagination);	8
10490	G. S. Cito, S.Gemma, L.Cocci, A.Di Maida, F.Dabizzi, S.Natali, A.Minervini, A.Carini, M.Masieri, L., Infertility case presentation in Zinner syndrome: Can a long-lasting seminal tract obstruction cause secretory testicular injury?. Andrologia. 2019;51(11) (no pagination);	5

10491	S. Y. Goja, S. K.Chaudhary, R. J.Singh, M. K.Soin, A. S., Transition from open to robotic assisted liver resection: A retrospective comparative study. Is experience of laparoscopic liver resections needed?. Laparoscopic, Endoscopic, and Robotic Surgery. 2019;2(4);94-98	12
10492	J. H. P. Tae, J. H.Shim, J. S.Cho, S.Kang, S. G.Ko, Y. H.Cheon, J.Lee, J. G.Kang, S. H., Oncological and functional outcomes of robotassisted radical cystectomy in bladder cancer patients in a single tertiary center: Can these be preserved throughout the learning curve?. Investigative and Clinical Urology. 2019;60(6);463-471	5
10493	M. T. Butaney, N.Rodriguez, D.Gross, M. S.Munarriz, R., Current practice in the management of ischemic priapism: an anonymous survey of ISSM members. International Journal of Impotence Research. 2019;31(6);404-409	3
10494	D. R. Querleu, A., Technical Aspects of Endosurgical Extraperitoneal Aortic Lymph Node Dissection in Gynaecologic Oncology. Indian Journal of Gynecologic Oncology. 2019;17(4) (no pagination);	8
10495	V. R. Sant, E.Khanna, L.Cao, W.Kornacki, S.Grucela, A., Attenuated familial adenomatous polyposis (AFAP) in a patient associated with a novel mutation in APC. BMJ Case Reports. 2019;12(11) (no pagination);	3
10496	M. A. H. Mujtaba, A. A.Shenouda, D.Hossain, M. A.Zurkovsky, E., Incidental finding of gastric schwannoma in a renal failure patient - Managed by a minimally invasive procedure: Report of a rare case. American Journal of Case Reports. 2019;20;1241-1244	3
10497	Y. Z. Croissant, S.Albrecht, M. H.Eichler, K.Schomerus, C.Spandorfer, A.Schoepf, U. J.Vogl, T. J.Czerny, C., Robot-assisted percutaneous placement of K-wires during minimally invasive interventions of the spine. Minimally Invasive Therapy and Allied Technologies. 2019;28(6);373-380	7
10498	F. P. Shi, Y.Sun, Q.Wang, G.Yu, T.Shi, C.Li, Y.Xia, H.She, J., Clinical feasibility and safety of third space robotic and endoscopic cooperative surgery for gastric gastrointestinal stromal tumors dissection: A new surgical technique for treating gastric GISTs. Surgical Endoscopy. 2019;33(12);4192-4200	3
10499	J. H. M. Egberts, T.Becker, T., Robotic-Assisted Sleeve Lobectomy Using the Four-Arm Technique in the DaVinci Si and Xi Systems. Thoracic and Cardiovascular Surgeon. 2019;67(7);603-605	3
10500	E. S. Rasbach, S.Reissfelder, C.Rahbari, N. N., Successful treatment of gastric necrosis after ingestion of hydrochloric acid: A two-stage minimally invasive surgical procedure. BMJ Case Reports. 2019;12(10) (no pagination);	3
10501	P. S. Jain, R.Manikantan, K.Biswas, G.Ray, S.Arun, P., Unusual loco-regional presentation in papillary carcinoma of thyroid: A case series. Indian Journal of Cancer. 2019;56(4);325-329	3
10502	H. M. B. Obermair, E. J., Salpingectomy at the time of hysterectomy for benign gynaecological disease: A comparison of surgical approaches. Australian and New Zealand Journal of Obstetrics and Gynaecology. 2019;59(5);725-729	3
10503	L. M. Maggino, G.Salvia, R.Bassi, C.Vollmer, C. M., Defining the practice of distal pancreatectomy around the world. Hpb. 2019;21(10);1277-1287	3
10504	A. S. Neheman, A.Levin, D.Abu-Kishk, I.Bahat, H.Asiya, D.Zisman, A.Haifler, M., Robot-assisted Laparoscopic Pyeloplasty for "Huge" Hydronephrosis Causing Vena Cava Thrombus. Urology. 2019;133;240	3
10505	C. G. Iwanoff, M.Salamon, C., Follow-up postoperative calls to reduce common postoperative complaints among urogynecology patients. International Urogynecology Journal. 2019;30(10);1667-1672	3

10506	J. E. Assouad, H., Les nouveautes en chirurgie thoracique: chirurgie mini-invasive, infra-lobaire, Fast-Track. Revue des Maladies Respiratoires Actualites. 2019;11(3);236-243	3
10507	J. H. S. Egberts, M.Hauser, C.Becker, T., Robot-Assisted McKeown Procedure via a Cervical Mediastinoscopy Avoiding an Abdominal and Thoracic Incision. Thoracic and Cardiovascular Surgeon. 2019;67(7);610-614	3
10508	R. F. Shahbazov, D.Bandler, I.Loerzel, S.Gallay, B.Pankewycz, O.Laftavi, M., Can a robotic donor nephrectomy be an alternative to laparoscopic nephrectomy?. Azerbaijan Medical Journal. 2019;2019(3);60-67	1
10509	D. L. A. Grieco, G. M.Russo, A.Bongiovanni, F.Costantini, B.D'Indinosante, M.Varone, F.Cavallaro, F.Tortorella, L.Polidori, L.Romano, B.Gallotta, V.Dell'anna, A. M.Sollazzi, L.Scambia, G.Conti, G.Antonelli, M., Airway Closure during Surgical Pneumoperitoneum in Obese Patients. Anesthesiology. 2019;131(1);58-73	2
10510	H. E. C. Wey, K.Balkhy, H.Tung, R.Broman, M., Physiological optimization of robotic endoscopic epicardial CRT-D implantation using multielectrode electroanatomic mapping. Journal of Cardiovascular Electrophysiology. 2019;30(11);2564-2568	3
10511	E. Y. Suarez-Salvador, J., Robotic Complete Excision of Sacrocolpopexy Mesh: Standardized Technique. Journal of Minimally Invasive Gynecology. 2019;26(7);1226	3
10512	E. T. Mikhail, N.Sarkar, P.Sappenfield, E.Tanner, J. P.Imudia, A. N., Laparoscopic Entry Technique Using a Veress Needle Insertion with and without Concomitant CO<inf>2</inf> Insufflation: A Randomized Controlled Trial. Journal of Minimally Invasive Gynecology. 2019;26(7);1383-1388	3
10513	S. P. Behbehani, T.Kunze, K.Wasson, M.Yi, J., Voiding Trial in Office after Unsuccessful Voiding Trial in Postoperative Unit: How Many More Days Is Enough?. Journal of Minimally Invasive Gynecology. 2019;26(7);1376-1382	2
10514	C. V. Esposito, F.Riquelme, M. A.Fourcade, L.Valla, J. S.Ballouhey, Q.Scalabre, A.Escolino, M., Postoperative bladder dysfunction and outcomes after minimally invasive extravesical ureteric reimplantation in children using a laparoscopic and a robot-assisted approach: results of a multicentre international survey. BJU International. 2019;124(5);820-827	12
10515	J. M. McEachron, R.Lee, Y. C.Kanis, M. J., Breast metastases: A rare manifestation of advanced uterine serous carcinoma. Gynecologic Oncology Reports. 2019;30 (no pagination);	3
10516	G. M. Acker, F.Conti, A.Kufeld, M.Jelgersma, C.Nguyen, P.Kluge, A.Lukas, M.Loebel, F.Pasemann, D.Kaul, D.Budach, V.Vajkoczy, P.Senger, C., Image-Guided Robotic Radiosurgery for Treatment of Recurrent Grade II and III Meningiomas. A Single-Center Study. World Neurosurgery. 2019;131;e96-e107	2
10517	J. P. Long, R.Haithcock, B.Chambers, D.Belanger, A.Burks, A. C.Rivera, M. P.Ghosh, S.MacRosty, C.Delgado, A.Akulian, J., Electromagnetic Transthoracic Nodule Localization for Minimally Invasive Pulmonary Resection. Annals of Thoracic Surgery. 2019;108(5);1528-1534	2
10518	D. K. Ji, T. H.Shim, S.Lee, S.Hong, J., Wire-driven flexible manipulator with constrained spherical joints for minimally invasive surgery. International Journal of Computer Assisted Radiology and Surgery. 2019;14(8);1365-1377	2
10519	E. R. Archavlis, F.Kantelhardt, S., Maintenance of Integrity of Upper Facet Joints during Simulated Percutaneous Pedicle Screw Insertion Using 2D versus 3D Planning. Journal of Neurological Surgery, Part A: Central European Neurosurgery. 2019;80(4);269-276	3

10520	S. F. Sadeghnejad, F.Vossoughi, G.Moradi, H.Mousa Sadr Hosseini, S., Phenomenological tissue fracture modeling for an Endoscopic Sinus and Skull Base Surgery training system based on experimental data. Medical Engineering and Physics. 2019;68;85-93	2
10521	C. W. Tyler, Evidence That Leonardo da Vinci Had Strabismus. JAMA Ophthalmology. 2019;137(1);82-86	2
10522	K. A. S. Plonowska, M. P.Wang, S. J.Ha, P. K.George, J. R.Heaton, C. M.El-Sayed, I. H.Mallen-St. Clair, J.Ryan, W. R., Human Papillomavirus-Associated Oropharyngeal Cancer: Patterns of Nodal Disease. Otolaryngology - Head and Neck Surgery (United States). 2019;160(3);502-509	3
10523	F. T. Daniel, H.Hosni, M.Ibrahim, F.Mailhac, A.Jamali, F., Validation of day 1 drain fluid amylase level for prediction of clinically relevant fistula after distal pancreatectomy using the NSQIP database. Surgery (United States). 2019;165(2);315-322	2
10524	R. A. W. Chemtob, P.Mick, S. L.Gillinov, A. M., Intraoperative assessment of mitral valve repair: Validation of the saline test with nonresectional repair techniques. Journal of Cardiac Surgery. 2019;34(10);965-968	3
10525	A. G. B. Kriger, S. V.Kaldarov, A. R.Panteleev, V. I.Gorin, D. S.Dugarova, R. S.Yukina, M. Y., Proinsulin-Secreting Neuroendocrine Tumors of the Pancreas: A Single-Centre Experience. Gastrointestinal Tumors. 2019;6(3-4);64-70	3
10526	M. Yafi, Mona Lisa is euthyroid: a modern-day diagnosis. Hormones. 2019;18(3);331-332	2
10527	H. Y. L. Kim, S. J., Prospective Randomized Control Study on the Efficiency and Safety of a Novel Port-site Closure Device, the EZ-close Port-site Closure System. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2019;29(5);335-338	2
10528	H. C. O. B. Polk, S. J.Stephen, V.Qadan, M., Conflicts of interest in contemporary surgery: Toward greater transparency. Diseases of the Colon and Rectum. 2019;62(4);392-394	8
10529	J. G. Kaouk, J.Eltemamy, M.Bertolo, R., Step-by-step technique for single-port robot-assisted radical cystectomy and pelvic lymph nodes dissection using the da Vinci SPTM surgical system. BJU International. 2019;124(4);707-712	3
10530	N. S. A. Barashi, C.Wallace, A.Rodriguez, M. V.Schadler, E.Gundeti, M. S., Lessons learned from a single-surgeon series of paediatric robot-assisted laparoscopic urological procedures: predictors of high-grade postoperative complications. BJU International. 2019;124(4);649-655	3
10531	S. S. Zamboni, F.Mathieu, R.Xylinas, E.Abufaraj, M.D. Andrea DTan, W. S.Kelly, J. D.Simone, G.Gallucci, M.Meraney, A.Krishna, S.Konety, B. R.Antonelli, A.Simeone, C.Baumeister, P.Mattei, A.Briganti, A.Gallina, A.Montorsi, F.Rink, M.Aziz, A.Karakiewicz, P. I.Roupret, M.Koupparis, A.Scherr, D. S.Ploussard, G.Sooriakumaran, P.Shariat, S. F.Moschini, M., Differences in trends in the use of robot-assisted and open radical cystectomy and changes over time in peri-operative outcomes among selected centres in North America and Europe: an international multicentre collaboration. BJU International. 2019;124(4);656-664	13
10532	Y. G. Wang, S.Xiao, N.Li, Y.Jiang, Y., Surgeons' Operation Skill-Based Control Strategy and Preliminary Evaluation for a Vascular Interventional Surgical Robot. Journal of Medical and Biological Engineering. 2019;39(5);653-664	3
10533	N. S. Nayyar, R. K.Jain, V.Naithani, A.Rawal, S. K., Clinical Outcomes of Robotic Versus Open Radical Hysterectomy in Endometrial Cancer Staging: An Experience at a Tertiary Referral Care Center. Journal of Gynecologic Surgery. 2019;35(5);279-284	13
10534	F. M. Guo, D.Li, S.Adamek, M., Compare the prognosis of da Vinci robot-Assisted thoracic surgery (RATS) with video-Assisted thoracic surgery (VATS) for non-small cell lung cancer: A Meta-Analysis. Medicine (United States). 2019;98(39) (no pagination);	8

10535	H. H. Kaan, K., Endoscopic robotic suturing: The way forward. Saudi Journal of Gastroenterology. 2019;25(5);272-276	8
10536	G. M. Devos, T.Raskin, Y.Calderon, V.Moris, L.Van den Broeck, T.Berghen, C.De Meerleer, G.Albersen, M.Van Poppel, H.Everaerts, W.Joniau, S., Comparison of Peri-operative and Early Oncological Outcomes of Robot-Assisted vs. Open Salvage Lymph Node Dissection in Recurrent Prostate Cancer. Frontiers in Oncology. 2019;9 (no pagination);	12
10537	M. E. W. Rebielak, M. R.Jordan, R.Oxenberg, J. C., Adrenocortical carcinoma arising from an adrenal adenoma in a young adult female. Journal of Surgical Case Reports. 2019;2019(7) (no pagination);	3
10538	E. D. M. Rose, D. M.Ciampa, M. L.Mangieri, C. W.Faler, B. J.Bandera, B. C., Evaluation of operative waste in a military medical center: Analysis of operating room cost and waste during surgical cases. American Surgeon. 2019;85(7);717-720	2
10539	J. M. D. M. Poujois, C.Callec, R.Bresler, L.Hubert, N.Judlin, P.Morel, O., Deep infiltrating endometriosis: Interest of the robotic approach for a fledgling team. Journal of Endometriosis and Pelvic Pain Disorders. 2019;11(3);152-157	3
10540	M. M. G. Ozmen, E.Guldogan, C. E., First 30 Robotic Versus Last 30 Laparoscopic Sleeve Gastrectomy. Bariatric Surgical Practice and Patient Care. 2019;14(3);102-106	12
10541	L. P. Ku, M. A.O'Leary, M. P.Hari, D. M.Reicher, S., Type VI choledochal cyst diagnosed on ERCP with direct cholangioscopy. VideoGIE. 2019;4(10);458-460	2
10542	T. M. S. Patel, S. C.Pancholy, S. B., Long Distance Tele-Robotic-Assisted Percutaneous Coronary Intervention: A Report of First-in-Human Experience. EClinicalMedicine. 2019;14;53-58	3
10543	D. H.-H. Wang, L. P.Alexander, M. P., Hypoplastic kidney with hyperplastic mesonephric remnants as a cause of unilateral non-functioning kidney in an adult male. Human Pathology: Case Reports. 2019;18 (no pagination);	3
10544	S. N. Kumar, S. C.Bhirud, D. P.Ranjan, S. K.Mittal, A.Mammen, K. J., Revascularisation of iatrogenic superior mesenteric artery injury by end to end anastomosis during robot assisted nephrectomy. International Journal of Surgery Case Reports. 2019;63;40-43	3
10545	C. G. Shi, Y.Yang, Y.Zhang, L.Yu, J.Zhang, T., Comparison of efficacy of robotic surgery, laparoscopy, and laparotomy in the treatment of ovarian cancer: A meta-analysis. World Journal of Surgical Oncology. 2019;17(1) (no pagination);	8
10546	P. G. Goyal, S.Sapire, J., Bone Causing Abdominal Groans. Journal of Emergency Medicine. 2019;57(3);e95-e97	3
10547	R. S. Spiller, T.McCrorey, M.Balkhy, H. H., Robotic-Assisted Third-Time Redo Mitral Valve Replacement. Annals of Thoracic Surgery. 2019;108(4);e245-e247	3
10548	B. S. Jadhav, G., Robotic-assisted enteric sparing excision of jejunal duplication cyst. Journal of Minimal Access Surgery. 2019;15(4);336-338	3
10549	C. G. Deshmukh, A.Islam, M.Sabnis, R.Desai, M., Laparoscopic and robotic specimen retrieval system (Modified Nadiad Bag): Validation and cost-effectiveness study model. Journal of Minimal Access Surgery. 2019;15(4);305-310	4
10550	A. D. M. Mari, F.Tellini, R.Campi, R.Sforza, S.Cocci, A.Siena, G.Vittori, G.Tuccio, A.Masieri, L.Lapini, A.Raspollini, M. R.Carini, M.Minervini, A., Oncologic outcomes in patients treated with endoscopic robot assisted simple enucleation (ERASE) for renal cell carcinoma: Results from a tertiary referral center. European Journal of Surgical Oncology. 2019;45(10);1977-1982	3

10551	T. K. Yoshioka, M.Kameoka, H., Cystoscope-Assisted Laparoscopic Enucleation of a Large Progressive Bladder Leiomyoma. Journal of Endourology Case Reports. 2019;5(3);120-123	3
10552	C. Q. K. Wu, A. J., Robot-Assisted Laparoscopic Heineke-Mikulicz Ureteroplasty for Congenital Mid-Ureteral Stricture and Ipsilateral Distal Megaureter Repair in a Child. Journal of Endourology Case Reports. 2019;5(3);88-91	3
10553	G. Z. Liao, Z.Deng, H.Li, X., Comparison of pathological outcomes between robotic rectal cancer surgery and laparoscopic rectal cancer surgery: A meta-analysis based on seven randomized controlled trials. International Journal of Medical Robotics and Computer Assisted Surgery. 2019;15(5) (no pagination);	5
10554	S. P. K. Roy, A.Phan-Thien, K. C., Robotic resection of a multicystic tailgut cyst. BMJ Case Reports. 2019;12(9) (no pagination);	3
10555	A. K. Klimczak, G.Unlu, B. S.Lin, Y. L.Kuo, Y. F.Borahay, M., Pelvic organ prolapse surgery after different hysterectomy methods: A population-based cohort study. Clinical and Experimental Obstetrics and Gynecology. 2019;46(3);466-472	3
10556	X. S. Jian, M.Liao, G., Definitive BCG immunotherapy versus radical cystectomy in intermediate or high-risk nonmuscle invasive bladder cancer patients: A retrospective study. Medicine (United States). 2019;98(36) (no pagination);	2
10557	J. C. H. Chen, C. Y.Wang, J. C.Zhang, Y. J.Xu, L.Chen, M. S.Zhou, Z. G., Robot-assisted laparoscopic partial hepatic caudate lobectomy. Minimally Invasive Therapy and Allied Technologies. 2019;28(5);292-297	12
10558	A. D. K. Ten Hove, R. H. J.Nijkamp, M. W.Gouw, A. S. H.Koopman, T.Klaase, J. M., Robot-assisted laparoscopic resection of a Todani type II choledochal malformation. Case Reports in Gastroenterology. 2019;13(2);230-237	3
10559	J. H. C. Jun, R. K.Baik, H. J.Chung, M. H.Hyeon, J. S.Lee, Y. G.Park, S. H., The tidal volume challenge improves the reliability of dynamic preload indices during robot-assisted laparoscopic surgery in the Trendelenburg position with lung-protective ventilation. BMC Anesthesiology. 2019;19(1) (no pagination);	3
10560	J. C. Kang, S. W.Park, E. J.Baik, S. H.Lee, K. Y., Safety and feasibility of in-hospital early chemotherapy initiation after surgery in patients with stage II-IV colon cancer. Medicine (United States). 2019;98(18) (no pagination);	3
10561	H. M. Kitahara, M.Patel, B.Nisivaco, S.Balkhy, H. H., Predictors of blood transfusion use in robotic beating-heart totally endoscopic coronary artery bypass with anastomotic connectors. Journal of Cardiac Surgery. 2019;34(9);814-820	3
10562	C. K. Bolcal, M.Sicim, H.Ulubay, M.Yildirim, V., Redo robotic cardiac surgery and concomitant cesarean section in a pregnant patient with dextrocardia and situs inversus totalis. Journal of Cardiac Surgery. 2019;34(9);863-866	3
10563	J. D. Chen, H.Schuckman, A. K.Aron, M.Desai, M.Gill, I. S.Clifford, T. G.Ghodoussipour, S.Miranda, G.Cai, J.Daneshmand, S., Surgical approach as a determinant factor of clinical outcome following radical cystectomy: Does Enhanced Recovery After Surgery (ERAS) level the playing field?. Urologic Oncology: Seminars and Original Investigations. 2019;37(10);765-773	13
10564	D. T. H. D. A. Moura, H.Thompson, C. C., Robotic-assisted surgical endoscopy: a new era for endoluminal therapies. VideoGIE. 2019;4(9);399-402	8
10565	Y. G. Zhao, G.Martin, B. St, Techniques - Robotic-assisted laparoscopic implantation of artificial urinary sphincter with concomitant hysterectomy and sacrocolpopexy. Canadian Urological Association Journal. 2019;13(7);E232-E234	3

10566	E. W. Abdulfatah, E.Sakr, S.Al-Obaidy, K.Bandyopadhyay, S.Morris, R.Feldman, G.Ali-Fehmi, R., Molecular classification of endometrial carcinoma applied to endometrial biopsy specimens: Towards early personalized patient management. Gynecologic Oncology. 2019;154(3);467-474	2
10567	R. D. T. Sussman, Z. E.Nicoll, L. M.Brucker, B. M., Magnetic Resonance and Intraoperative Imaging of a Periurethral Leiomyoma. Journal of Minimally Invasive Gynecology. 2019;26(6);1004-1005	3
10568	A. C. S. Nwosu, B.McGlinchey, T.Goodwin, C. D. G.Behera, A.Mason, S.Stanley, S.Payne, T. R., Robotic technology for palliative and supportive care: Strengths, weaknesses, opportunities and threats. Palliative Medicine. 2019;33(8);1106-1113	8
10569	W. G. Cazzaniga, R. A.Carlsson, S.Ahlgren, G.Johansson, E.Robinson, D.Hugosson, J.Stattin, P., Population-based, nationwide registration of prostatectomies in Sweden. Journal of Surgical Oncology. 2019;120(4);803-812	12
10570	J. D. C. Hansen, M. A.Essandoh, M.Starr, J.Sweitzer, B., Intraoperative Stroke During Robotic Totally Endoscopic Coronary Artery Bypass. Journal of Cardiothoracic and Vascular Anesthesia. 2019;33(10);2843-2852	3
10571	S. Gunes, Supracricoid partial laryngectomy for salvage surgery after failure of transoral robotic surgery for glottic carcinoma. Turkiye Klinikleri Journal of Medical Sciences. 2019;39(2);144-149	3
10572	M. Y. L.-A. Zaidi, A. G.Switchenko, J. M.Lipscomb, J.Andreasi, V.Partelli, S.Gamboa, A. C.Lee, R. M.Poultsides, G. A.Dillhoff, M.Rocha, F. G.Idrees, K.Cho, C. S.Weber, S. M.Fields, R. C.Staley, C. A.Falconi, M.Maithel, S. K., A Novel Validated Recurrence Risk Score to Guide a Pragmatic Surveillance Strategy after Resection of Pancreatic Neuroendocrine Tumors: An International Study of 1006 Patients. Annals of Surgery. 2019;270(3);422-433	2
10573	X. W. Hu, M., Efficacy and safety of robot-assisted thoracic surgery (RATS) compare with video-assisted thoracoscopic surgery (VATS) for lung lobectomy in patients with non-small cell lung cancer. Combinatorial Chemistry and High Throughput Screening. 2019;22(3);169-178	5
10574	E. M. M. Corsini, K. G.Mehran, R. J.Rice, D. C.Sepesi, B.Walsh, G. L.Swisher, S. G.Roth, J. A.Hofstetter, W. L.Vaporciyan, A. A.Morris, V. K.Antonoff, M. B., Colorectal cancer mutations are associated with survival and recurrence after pulmonary metastasectomy. Journal of Surgical Oncology. 2019;120(4);729-735	2
10575	I. F. Nasir, L.Vieira, P.Pares, O.Santiago, I.Castillo-Martin, M.Domingos, H.Cunha, J. F.Carvalho, C.Heald, R. J.Beets, G. L.Parvaiz, A.Figueiredo, N., Salvage surgery for local regrowths in Watch & Wait - Are we harming our patients by deferring the surgery?. European Journal of Surgical Oncology. 2019;45(9);1559-1566	2
10576	S. C. Alsalmi, C.Chenin, L.Peltier, J.Lefranc, M., Robot-assisted intravertebral augmentation corrects local kyphosis more effectively than a conventional fluoroscopy-guided technique. Journal of Neurosurgery: Spine. 2019;30(2);289-295	12
10577	J. D. S. Sharma, K. K.Tahir, M. Z.Tisdall, M. M., Accuracy of robot-assisted versus optical frameless navigated stereoelectroencephalography electrode placement in children. Journal of Neurosurgery: Pediatrics. 2019;23(3);297-302	4
10578	S. P.-D. Atallah, E.Melani, A. G. F.Romagnolo, L. G.Larach, S. W.Marescaux, J., Robotic-assisted stereotactic real-time navigation: initial clinical experience and feasibility for rectal cancer surgery. Techniques in Coloproctology. 2019;23(1);53-63	3
10579	J. K. L. Kim, H.Oh, J. J.Lee, S.Hong, S. K.Lee, S. E.Byun, S. S., Comparison of robotic and open partial nephrectomy for highly complex renal tumors (RENAL nephrometry score 10). PLoS ONE. 2019;14(1) (no pagination);	13

10580	G. M. Thomas, M. A.Nguyen, J. Q.Sanders, M. E.Broome, J. T.Baregamian, N.Solorzano, C. C.Mahadevan-Jansen, A., Innovative surgical guidance for label-free real-time parathyroid identification. Surgery (United States). 2019;165(1);114-123	3
10581	F. M. R. Bianchi, D.D'Agostino, D.Corsi, P.Giampaoli, M.Salvaggio, A.Schiavina, R.Brunocilla, E.Artibani, W.Porreca, A., Is robotic approach useful to palliate advanced bladder cancer? A monocentric single surgeon experience. Central European Journal of Urology. 2019;72(2);113-120	3
10582	A. L. M. Scarlett, A.Farrugia, M. K.De Caluwe, D.Rahman, N., Urology robotic journey: demonstrating the learning curve in robot-assisted pyeloplasties (RALP). Journal of Pediatric Endoscopic Surgery. 2019;1(2);79-82	4
10583	A. T. S. Beksac, Q. N.Paulucci, D. J.Lo, J. Z.Okhawere, K. E.Elbakry, A. A.Dayal, B. D.Mehrazin, R.Eun, D.Hemal, A.Abaza, R.Sfakianos, J. P.Badani, K. K., Trends and outcomes in contemporary management renal cell carcinoma and vena cava thrombus. Urologic Oncology: Seminars and Original Investigations. 2019;37(9);576.e17-576.e23	13
10584	K. D. R.-N. Radadia, Z.Kim, S.Farber, N. J.Sterling, J.Falkiewicz, M.Modi, P. K.Goyal, S.Parikh, R.Weiss, R. E.Kim, I. Y.Elsamra, S. E.Jang, T. L.Singer, E. A., Accuracy of clinical nodal staging and factors associated with receipt of lymph node dissection at the time of surgery for nonmetastatic renal cell carcinoma. Urologic Oncology: Seminars and Original Investigations. 2019;37(9);577.e17-577.e25	3
10585	R. R. M. Poghosyan, V. A.Semenyakin, I. V.Prokopovich, M. A.Pushkar, D. Yu, Robot-assisted kidney resection for T1b tumors: Results trifects. Clinical and Experimental Surgery. 2019;7(2);15-23	3
10586	D. J. C. Kozminski, M. J.Loman, D.Feustel, P. J.Kogan, B. A., The Role of Patient and Procedure Specific Factors in Urology Operating Room Perioperative Times. Urology Practice. 2019;6(1);44724	2
10587	S. B. Gursel, Vaginal cuff brachytherapy in endometrial cancer. Turk Onkoloji Dergisi. 2019;34(Supplement 1);71-83	9
10588	L. L. Xiong, X.Li, H.Chen, Z.Xiao, T., The efficacy of 3D printing-assisted surgery for traumatic fracture: A meta-analysis. Postgraduate Medical Journal. 2019;95(1126);414-419	8
10589	J. A. Hutchins, P.Berg, A.Habeck, J.Kaizer, A.Geller, M. A., Ultrasound-guided subcostal transversus abdominis plane block with liposomal bupivacaine compared to bupivacaine infiltration for patients undergoing robotic-assisted and laparoscopic hysterectomy: A prospective randomized study. Journal of Pain Research. 2019;12;2087-2094	3
10590	M. J. J. Watson, N.Singh, A., Robotic level II inferior vena cava thrombectomy for metastatic melanoma. Urology Case Reports. 2019;26 (no pagination);	3
10591	T. I. Tarui, N.Horikawa, T.Seguchi, R.Shigematsu, S.Kiuchi, R.Miyata, K.Tomita, S.Ohtake, H.Watanabe, G., First major clinical outcomes of totally endoscopic robotic mitral valve repair in Japan: A single-center experience. Circulation Journal. 2019;83(8);1668-1673	3
10592	A. R. Pendyal, J. S., The Bleeding Edge: Documenting Innovation and Injury in the Medical Device Industry. JAMA - Journal of the American Medical Association. 2019;322(3);190-192	8
10593	R. J. Rothenberger, A.Kendler, A.Herzog, T.Billingsley, C., An unusual case of uterine PEComa presenting with disseminated intravascular coagulation. Gynecologic Oncology Reports. 2019;29;76-78	5

10594	A. B. T. Porcaro, A.Sebben, M.Corsi, P.Processali, T.Pirozzi, M.De Marchi, D.Inverardi, D.Cerruto, M. A.Amigoni, N.Rizzetto, R.Brunelli, M.Iacovelli, R.Siracusano, S.Artibani, W., Positive Association between Preoperative Total Testosterone and Lymph Node Invasion in Intermediate Risk Prostate Cancer. Current Urology. 2019;12(4);216-222	2
10595	C. E. Draulans, W.Isebaert, S.Gevaert, T.Oyen, R.Joniau, S.Lerut, E.De Wever, L.Weynand, B.Vanhoutte, E.De Meerleer, G.Haustermans, K., Impact of Magnetic Resonance Imaging on Prostate Cancer Staging and European Association of Urology Risk Classification. Urology. 2019;130;113-119	2
10596	B. G. C. Kim, H. S.Park, S. H.Hong, J. H.Lee, J. M.Kim, S. H.Chun, H. J.Hong, D.Keum, B., A pilot study of endoscopic submucosal dissection using an endoscopic assistive robot in a porcine stomach model. Gut and Liver. 2019;13(4);402-408	7
10597	J. K. K. Shen, P.Lau, C. S., Possible Drop Metastasis After Treatment of Renal Cell Carcinoma With Percutaneous Cryoablation. Urology. 2019;130;17-19	3
10598	C. O. M. Muller, E.Virzi, A.Marret, J. B.Peyrot, Q.Delmonte, A.Berteloot, L.Gori, P.Blanc, T.Grevent, D.Boddaert, N.Bloch, I.Sarnacki, S., Integrating tractography in pelvic surgery: a proof of concept. Journal of Pediatric Surgery Case Reports. 2019;48 (no pagination);	3
10599	A. R. G. Wolfe, J. C.Blakaj, D.Wald, P.Carlson, M.Woods, K.Dziedzic, E.Vidrick, A.Martin, D.Shabsigh, A., Robotic-assisted Intraoperative High-dose Rate Remote Brachytherapy Following Laparoscopic Robotic-assisted Resection of Pelvic Recurrence of Urethral Carcinoma. Advances in Radiation Oncology. 2019;4(3);443-446	3
10600	S. T. Panda, A.Sikka, K.Sharma, S. C., Role of sternomastoid muscle interposition in concomitant transoral oncologic resection and neck dissection. Head and Neck. 2019;41(8);2724-2731	3
10601	A. M. Basu, A. L.Simms, A.Brandler, T. C., Sarcomatoid carcinoma in cytology: Report of a rare entity presenting in pleural and pericardial fluid preparations. Diagnostic Cytopathology. 2019;47(8);813-816	3
10602	P. E. A. Hartvigson, S.Schaub, S.Cohen, S.Bernier, G.Koh, W. J.Kim, E. Y., Radiation Therapy Dose Escalation to Clinically Involved Pelvic Sidewall Lymph Nodes in Locally Advanced Rectal Cancer. Advances in Radiation Oncology. 2019;4(3);478-486	3
10603	R. Soferman, The Transformative Impact of Artificial Intelligence on Healthcare Outcomes. Journal of Clinical Engineering. 2019;44(3);E1-E3	2
10604	S. K. Muller, L. A.Gaa, J.Tauscher, S.Kluge, M.John, S.Rau, T. S.Lenarz, T.Ortmaier, T.Majdani, O., Workflow assessment as a preclinical development tool: Surgical process models of three techniques for minimally invasive cochlear implantation. International Journal of Computer Assisted Radiology and Surgery. 2019;14(8);1389-1401	2
10605	Y. M. Yang, S.Maldonado, K.Bednarski, B. K.Kiernan, C. M.Thirumurthi, S.Chang, G. J.You, Y. N., The Pelvis-First Approach for Robotic Proctectomy in Patients with Redundant Abdominal Colon. Annals of Surgical Oncology. 2019;26(8);2514-2515	3
10606	K. K. Weerapolchai, K.Kochakarn, W.Kongcharoensombat, W., Comparison of the outcomes between laparoscopic radical prostatectomy and robotic-assisted laparoscopic radical prostatectomy: A 4-year single and high volume center experience. Journal of the Medical Association of Thailand. 2019;102(2 Supplement 2);S24-S28	12

10607	X. L. Zhang, B.Li, Z.Sun, Y.Mao, T.Hua, R.Yang, Y.Guo, X.He, Y.Li, H.Chen, H.Tan, L., Robot-assisted esophagectomy (RAE) versus conventional minimally invasive esophagectomy (MIE) for resectable esophageal squamous cell carcinoma: Protocol for a multicenter prospective randomized controlled trial (RAMIE trial, robot-assisted minimally invasive Esophagectomy). BMC Cancer. 2019;19(1) (no pagination);	13
10608	G. W. S. Yim, D. H.Kim, J. W.Kim, S. C.Kim, Y. T., The 34th annual meeting of the korean society of gynecologic oncology 2019: Meeting report. Journal of Gynecologic Oncology. 2019;30(4) (no pagination);	8
10609	S. Y. Torai, S.Yoshioka, M.Nadahara, S.Kobayashi, E., Reduction of Warm Ischemia Using a Thermal Barrier Bag in Kidney Transplantation: Study in a Pig Model. Transplantation Proceedings. 2019;51(5);1442-1450	7
10610	A. O. Urkmez, E.Tokuc, E.Kutluhan, M. A.Topaktas, R.Artuk, I.Koca, O.Ozturk, M. I., Effect of artificial urinary sphincter implantation on erectile function and sexual satisfaction. Andrologia. 2019;51(7) (no pagination);	2
10611	Z. Z. Lu, J.Yang, C.Zhang, L.Tai, S.Yin, Y.Liang, C., The feasibility and safety of modified robot-assisted enucleation for highly complex renal tumors: Research on a surgical technique. Translational Cancer Research. 2019;8(3);761-769	3
10612	S. W. Alanee, S. R.Gupta, N. S., A rare case of non-functioning bladder paraganglioma treated with robotic assisted partial cystectomy. Urology Case Reports. 2019;26 (no pagination);	5
10613	R. S.-J. Gonzalez-Heredia, L.Quadri, P.Bindal, V.Bernstein, K.Masrur, M.Elli, E., Reduction in medication use for postrobot-Assisted roux-en-y gastric bypass as a revisional bariatric procedure. Bariatric Surgical Practice and Patient Care. 2019;14(2);51-56	3
10614	D. C. M. Chen, J., State of the art: open mesh-based inguinal hernia repair. Hernia. 2019;23(3);485-492	8
10615	J. M. L. Leonardis, D. A.Giladi, A. M.Momoh, A. O.Lipps, D. B., Functional integrity of the shoulder joint and pectoralis major following subpectoral implant breast reconstruction. Journal of Orthopaedic Research. 2019;37(7);1610-1619	3
10616	B. K. Onan, E.Kahraman, Z.Sen, O., Robotic Septal Myectomy Without Anterior Leaflet Incision during Mitral Valve Repair. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2019;14(3);281-285	3
10617	S. Alanee, Pyeloduodenal fistula complicating neoadjuvant chemotherapy in a patient diagnosed with muscle invasive bladder cancer. Urology Case Reports. 2019;26 (no pagination);	3
10618	J. J. S. Mercuri, R., Coronal and sagittal balancing of total knee arthroplasty: Old principles and new technologies. Bulletin of the Hospital for Joint Diseases. 2019;77(1);45-52	8
10619	F. A. Molinaro, R.Bindi, E.Pellegrino, C.Fusi, G.Luzzi, L.Tosi, N.Messina, M.Mattioli, G., Low Weight Child: Can It Be Considered a Limit of Robotic Surgery? Experience of Two Centers. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2019;29(5);698-702	3
10620	S. K. Mukherjee, M.Martel, J. N.Riviere, C. N., EyeSAM: graph-based localization and mapping of retinal vasculature during intraocular microsurgery. International Journal of Computer Assisted Radiology and Surgery. 2019;14(5);819-828	3

10621	D. B. Romagnoli, F. M.Sadini, P.Angiolini, A.D'Agostino, D.Giampaoli, M.Candiotto, S.Schiavina, R.Brunocilla, E.Porreca, A., Pubis bone osteomyelitys after robotic radical cystectomy with continent intracorporeal urinary diversion: Multidisciplinary approach to a complex situation. Archivio Italiano di Urologia e Andrologia. 2019;91(1);63-67	3
10622	L. C. Grant, S.Hoo, S. S.Bhatnagar, A., Extrapulmonary uterine lymphangioleiomyomatosis (LAM) and dysfunctional uterine bleeding: The first presentation of LAM in a tuberous sclerosis complex patient. BMJ Case Reports. 2019;12(2) (no pagination);	3
10623	A. A. O. Bazzi, B. C.Hagglund, K. H.Aslam, M. F., Anatomical Outcomes Based on Suturing Technique During Vaginal Mesh Attachment in Robotic Sacrocolpopexy. Female Pelvic Medicine and Reconstructive Surgery. 2019;25(2);105-108	5
10624	Q. C. Cheng, X.Chen, W.Qin, J.Ai, Q.Li, H., A rare case of solitary fibrous tumor arising from prostate located inside of bladder. Urology Case Reports. 2019;24 (no pagination);	5
10625	R. Z. S. El-Doueihi, I.Maroun-Aouad, M.El Hajj, A., Bilateral biochemically silent pheochromocytoma, not silent after all. Urology Case Reports. 2019;24 (no pagination);	3
10626	Z. R. Pennington, C.Ahmed, A. K.Barber, S.Goodwin, M. L.Gokaslan, Z.Sciubba, D. M., Management of presacral schwannomas-a 10-year multi-institutional series. Annals of Translational Medicine. 2019;7(10) (no pagination);	3
10627	S. B. S. Starosta, A. A., Robot-assisted laparoscopic midureteral stricture repair and percutaneous stent placement in an infant. Journal of Pediatric Urology. 2019;15(3);289-290	3
10628	J. Y. Nandam, M.Gurram, P.Bridges, F.Vullo, J.Singhal, P.Gibbs, J., Prognostic implications of increasing uterine weight at the time of hysterectomy for endometrial cancer. European Journal of Gynaecological Oncology. 2019;40(2);217-219	3
10629	C. J. C. Wang, Y. J.Sy, E. D.Shan, Y. S., A Simple Method of Intracorporeal "w-shaped" Liver Retraction Technique for Minimally Invasive Gastric Cancer Surgery. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2019;29(3);E24-E28	3
10630	A. S. Martini, J. P.Paulucci, D. J.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Badani, K. K., Predicting acute kidney injury after robot-assisted partial nephrectomy: Implications for patient selection and postoperative management. Urologic Oncology: Seminars and Original Investigations. 2019;37(7);445-451	3
10631	O. D. Osagiede, C. C.Cochuyt, J. J.Colibaseanu, D. T.Robertson, M. A.Spaulding, A. C., Surgical Care for Women with Endometrial Cancer in Florida. Journal of Gynecologic Surgery. 2019;35(3);163-171	2
10632	V. Kopilas, Person-centered care and access to drugs in the digital environment: To cure or to sell. Croatian Medical Journal. 2019;60(2);174-176	8
10633	M. A. C. Q. d. O. Lopes, G. M. M.Junior, A. A.Pereira, E. S. B., Window to the future or door to chaos?. Arquivos Brasileiros de Cardiologia. 2019;112(4);461-465	8
10634	E. H. Quiceno, C.Godzik, J.Pacult, M. A.Hemphill, C.Uribe, J. S., Single position spinal surgery for the treatment of grade II spondylolisthesis: A technical note. Journal of Clinical Neuroscience. 2019;65;145-147	8
10635	H. S. C. Moon, E.Yoo, H. K., Lack of haptic feedback is replaced by more developed visual sense during robotic myomectomy. EWHA Medical Journal. 2019;42(2);20-23	2

10636	R. S. Arora, P. B.Sahani, N., Aggressive Angiomyxoma: A Rare Cause of Recurrent Vulval Swelling. Indian Journal of Gynecologic Oncology. 2019;17(2) (no pagination);	3
10637	S. L. T. Wong, V.Lam, J.Lam, A., Metastatic neuroendocrine tumour mimicking endometriosis highlights the importance of excision for tissue diagnosis. Journal of Endometriosis and Pelvic Pain Disorders. 2019;11(2);108-111	3
10638	M. S. Arif, M.Anjum, S.Alam, A., Is Open Cholecystectomy still an essential procedure in the era of Minimally Invasive Surgery? A prospective analysis of patients presenting with Gallstone disease at a community hospital. Pakistan Journal of Medical and Health Sciences. 2019;13(1);134-137	3
10639	D. H. V. Cheufou, D.Puhlvers, S.Fels, B.Weinreich, G.Taube, C.Theegarten, D.Stuschke, M.Schuler, M.Hegedus, B.Stamatis, G.Aigner, C., Lymph Node Involvement and the Surgical Treatment of Thymic Epithelial and Neuroendocrine Carcinoma. Annals of Thoracic Surgery. 2019;107(6);1632-1638	3
10640	A. C. K. Wells, M.Harper, S. J. F.Forsman, M.Hallbeck, M. S., Operating hurts: a study of EAES surgeons. Surgical Endoscopy. 2019;33(3);933-940	2
10641	A. B. Daguet, F.Antoine, V.Demore, B., Qualification of the efficiency of the ultrasonic cleaner Medisafe SI PCF. Pharmacien Hospitalier et Clinicien. 2019;54(2);131-136	3
10642	G. N. Yamamichi, W.Tsujimura, G.Tsujimoto, Y.Nin, M.Tsujihata, M., Renal cell carcinoma in a horseshoe kidney treated with robot-assisted partial nephrectomy. Urology Case Reports. 2019;25 (no pagination);	3
10643	C. S. Kuo, N. S.Sinelnikov, M. E.Nassilevsky, P. A.Reshetov, I. V., A case of breast surgery with da vinci si robotics. Revista Latinoamericana de Hipertension. 2019;14(1);70-73	5
10644	S. T. Vidhyadharan, K.Subramaniam, N.Ramu, J.Ajith, A.Balasubramanian, D.Iyer, S., Robot-Assisted Surgery Avoids Mandibulotomy in a Case of Adenoid Cystic Carcinoma of Base of the Tongue. Craniomaxillofacial Trauma and Reconstruction. 2019;12(2);163-166	3
10645	M. C. K. Kiremit, E.Acar, O.Kilic, M.Kordan, Y.Canda, A. E.Balbay, M. D.Esen, T., Distal ureteral stone formation over migrated Hem-o-lok clip after robot-assisted partial nephrectomy. International Journal of Surgery Case Reports. 2019;58;201-204	5
10646	R. D. L.-L. Robledo-Nolasco, G.Gutierrez-Villegas, O.Zavaleta-Muniz, E.Bazzini Carranza, D. E.Calixto-Vargas, O., A right subclavian vein approach for interventricular septum puncture and left ventricular endocardial lead placement in cardiac resynchronization therapy. HeartRhythm Case Reports. 2019;5(5);281-284	2
10647	V. K. K. Singh, A.Manzoor, M. A. P.Mujeeburahiman, M., Robot assisted nephron-sparing surgery for renal leiomyoma. Journal of Clinical and Diagnostic Research. 2019;13(4);PD01-PD02	3
10648	Y. J. K. Chung, M. R., Robot-assisted surgery in gynecology. [Korean]. Journal of the Korean Medical Association. 2019;62(4);209-215	8
10649	T. H. Huber, E.Hansen, C.Paschold, M.Lang, H.Kneist, W., Head-mounted mixed-reality technology during robotic-assisted transanal total mesorectal excision. Diseases of the Colon and Rectum. 2019;62(2);258-261	3
10650	H. J. J. Pantel, L. J.Ricciardi, R.Marcello, P. W.Roberts, P. L.Schoetz, D. J.Read, T. E., Should they stay or should they go? the utility of C-reactive protein in predicting readmission and anastomotic leak after colorectal resection. Diseases of the Colon and Rectum. 2019;62(2);241-247	3
10651	L. M. K. Okorji, K. R., Diagnosis and management of parastomal hernias. Diseases of the Colon and Rectum. 2019;62(2);158-162	3

10652	M. D. E. A. Benedetto, M.Ballacchino, A.Cassano, P.Toraldo, D. M.Ralli, M.Passali, F. M.Passali, D., Obstructive sleep apnea syndrome in the pediatric age: The role of the otorhinolaryngologist. European Review for Medical and Pharmacological Sciences. 2019;23(1);44628	8
10653	M. J. T. Tomassi, J.Yuhan, R.Ruan, J. H.Klaristenfeld, D. D., Robotic transanal minimally invasive surgery for the excision of rectal neoplasia: Clinical experience with 58 consecutive patients. Diseases of the Colon and Rectum. 2019;62(3);279-285	3
10654	Z. W. Wang, J.Liu, H.Gu, Y., Comparison analysis of robot-assisted computed tomography navigation system and manual freehand technique in orthopedic surgery. Journal of Medical Imaging and Health Informatics. 2019;9(2);349-353	12
10655	A. B. Gangemi, R.Giulianotti, P. C., 1st report of unexpected true left-sided gallbladder treated with robotic approach. International Journal of Surgery Case Reports. 2019;58;100-103	3
10656	Q. S. Li, R.Ma, X.Liu, X., Collision localization algorithm for surgical robots fusing image and force data. Journal of Medical Imaging and Health Informatics. 2019;9(4);824-829	2
10657	D. W. P. Shin, H. S.Lee, S. H.Jeon, S. H.Cho, S.Kang, S. H.Park, S. C.Park, J. H.Park, J., Health-related quality of life, perceived social support, and depression in disease-free survivors who underwent curative surgery only for prostate, kidney and bladder cancer: Comparison among survivors and with the general population. Cancer Research and Treatment. 2019;51(1);289-299	3
10658	Y. M. K. Park, M. S.Koh, Y. W.Choi, E. C.Kim, S. H., Does p16+ Predict a Favorable Prognosis for Oropharyngeal Cancer? Risk Factors for Treatment Failure for Patients Who Underwent Surgery-Based Therapy. Annals of Surgical Oncology. 2019;26(2);547-554	13
10659	T. K. Kaneko, N.Sunakawa, T.Okuno, Y.Ikegami, H.Musha, Y., Reliable patient-reported outcome measure and survivorship of UKA for primary spontaneous osteonecrosis. European Journal of Orthopaedic Surgery and Traumatology. 2019;29(1);119-124	3
10660	R. M. A. Seyam, M. M.Alkhudair, W. K.Alzahrani, H. M.Azhar, R. A.Alothman, K. I.Al-Hussain, T. O.Alotaibi, M. F., Operative outcomes of robotic partial nephrectomy: A report of the first 101 cases from a single center in Saudi Arabia. Saudi Medical Journal. 2019;40(1);33-40	3
10661	S. L. Eid, M.Tubbs, R. S., Clinical anatomy of pelvic pain in women: A Gynecological Perspective. Clinical Anatomy. 2019;32(1);151-155	8
10662	G. M. Fusi, F.Ferrara, F.Bindi, E.Pellegrino, C.Calani, C.Messina, M.Angotti, R., Robot-assisted Heller myotomy for achalasia. Journal of Pediatric Surgery Case Reports. 2019;45 (no pagination);	3
10663	Z. P. Cope, R., Entrapped urinary calculi in iatrogenically created vaginal pocket during robotic repair of vesicovaginal fistula. International Journal of Women's Health and Reproduction Sciences. 2019;7(2);228-230	3
10664	M. B. Karass, R.Shelkey, E.Vlachostergios, P. J.Robinson, B. D.Khani, F.Mosquera, J. M.Scherr, D. S.Sboner, A.Tagawa, S. T.Molina, A. M.Elemento, O.Nanus, D. M.Faltas, B. M., Oncogenic addiction to ERBB2 signaling predicts response to trastuzumab in urothelial cancer. JNCCN Journal of the National Comprehensive Cancer Network. 2019;17(3);194-200	2
10665	R. R. McLarty, A.Hobart, M.Evans, H., Techniques - Speculum-assisted approach for efficient open laparoscopic port access in the morbidly obese. Canadian Urological Association Journal. 2019;13(3);E102-E103	2

10666	N. U. Mathew, V. N.Kishore, T.Vinod, K.Bipi, P. K.Jojo, P.Vishnu, R., Robot-Assisted kidney transplant in a child with Bardet-Biedl Syndrome. Indian Journal of Transplantation. 2019;13(1);56-58	3
10667	S. V. Aendekerk, J.Housmans, S.Timmerman, D., Implementing robotic assisted myomectomy in surgical practice - a retrospective cohort study. Gynecological Surgery. 2019;16(1) (no pagination);	13
10668	G. V. B. Savrasov, N. V.Khaydukova, I. V.Borde, A. S., Potential for Robotizing Ultrasound Technologies for Endovascular Surgery. Biomedical Engineering. 2019;52(6);391-395	8
10669	S. H. F. Kim, M. K.Madden, N.Musselman, K.Chern, J. Y.Lee, J.Boyd, L. R.Blank, S. V.Pothuri, B.Curtin, J. P., How Old Is Too Old? Safety of Minimally Invasive Gynecologic Surgery and Early Hospital Discharge in Elderly Women. Journal of Gynecologic Surgery. 2019;35(2);85-88	3
10670	N. T. R. S. Burkhard, J.Cutkosky, M. R., The Role of Tissue Slip Feedback in Robot-Assisted Surgery. Journal of Medical Devices, Transactions of the ASME. 2019;13(2) (no pagination);	3
10671	J. J. Schiemer, Y. Y. Y.Sanaiha, Y.Lin, A.Kazanjian, K.Lang, H.Kneist, W., Application of a newly designed microfork probe for robotic-guided pelvic intraoperative neuromapping. Journal of Minimal Access Surgery. 2019;15(2);182-183	7
10672	N. M. Danilyants, P.van der Does, L.Haworth, L.Baxi, R., A value-based evaluation of minimally invasive hysterectomy approaches. Gynecological Surgery. 2019;16(1) (no pagination);	13
10673	F. Z. Alqahtani, K.Rihal, C. S.Alkhouli, M., Incidence and outcomes of early percutaneous coronary intervention after isolated valve surgery. Catheterization and Cardiovascular Interventions. 2019;93(4);583-589	3
10674	H. G. T. Dandapani, K., The contemporary role of robotics in surgery: A predictive mathematical model on the short-term effectiveness of robotic and laparoscopic surgery. Laparoscopic, Endoscopic, and Robotic Surgery. 2019;2(1);44568	7
10675	Z. T. Liu, S.Yan, Z.Yu, X.Li, X.Tao, Y., Robotic single-site surgery for mature cyst teratoma cystectomy: An initial case series study in a single medical center in China. Therapeutics and Clinical Risk Management. 2019;15;179-185	3
10676	G. J. Devos, S., Salvage prostatectomy for recurrent disease. Nature Reviews Urology. 2019;16(3);150-151	8
10677	A. K. Kent, S., Insights from outside BJOG. BJOG: An International Journal of Obstetrics and Gynaecology. 2019;126(5);551-555	8
10678	T. M. Malas, S.Wierup, P.Gillinov, M., Five Maneuvers to Facilitate Faster Robotic Mitral Valve Repair. Seminars in Thoracic and Cardiovascular Surgery. 2019;31(1);48-50	8
10679	X. F. W. Zhang, Z.Cloyd, J.Lopez-Aguiar, A. G.Poultsides, G.Makris, E.Rocha, F.Kanji, Z.Weber, S.Fisher, A.Fields, R.Krasnick, B. A.Idrees, K.Smith, P. M.Cho, C.Beems, M.Schmidt, C. R.Dillhoff, M.Maithel, S. K.Pawlik, T. M., Margin status and long-term prognosis of primary pancreatic neuroendocrine tumor after curative resection: Results from the US Neuroendocrine Tumor Study Group. Surgery (United States). 2019;165(3);548-556	3
10680	R. D. Gonzalez-Heredia, S.Masrur, M.Gonzalez-Ciccarelli, L. F.Gangemi, A.Bianco, F. M.Giulianotti, P. C., Comparison of Different Techniques of Pancreatic Stump Management in Robot-Assisted Pancreaticoduodenectomy. Gastrointestinal Tumors. 2019;5(3-4);68-76	3

10681	C. K. Andolfi, R.Boysen, W. R.Gundeti, M. S., Current Status of Robotic Surgery in Pediatric Urology. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2019;29(2);159-166	8
10682	C. U. Andolfi, K., Appraisal and Current Considerations of Robotics in Colon and Rectal Surgery. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2019;29(2);152-158	8
10683	B. C. F. B. Ruhle, A.Grogan, R. H., Robot-Assisted Endocrine Surgery: Indications and Drawbacks. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2019;29(2);129-135	8
10684	O. L. Bamidele, B. M.McGarvey, H.Wittmann, D.McCaughan, E., ...It might not have occurred to my husband that this woman, his wife who is taking care of him has some emotional needs as well...: the unheard voices of partners of Black African and Black Caribbean men with prostate cancer. Supportive Care in Cancer. 2019;27(3);1089-1097	2
10685	C. W. Rathgeb, F.Wimmer, W.Gerber, N.Williamson, T.Anschutz, L.Weder, S.Stadelmann, M.Braga, G.Anso, J.Caversaccio, M.Weber, S.Gavaghan, K., The accuracy of image-based safety analysis for robotic cochlear implantation. International Journal of Computer Assisted Radiology and Surgery. 2019;14(1);83-92	3
10686	R. D. S. Kale, M. F.Sopchak, A., Intraoperative Massive Carbon Dioxide Embolism Captured with Transesophageal Echocardiography in a Patient with a Rare Vena Cava Anomaly. Journal of Cardiothoracic and Vascular Anesthesia. 2019;33(1);157-161	3
10687	M. J. B. Klingler, S. K.Kutikov, A.Campi, R.Hatzichristodoulou, G.Sanguedolce, F.Brookman-May, S.Akdogan, B.Capitanio, U.Roscigno, M.Volpe, A.Marszalek, M.Uzzo, R. G.Antonelli, A.Langenhuijsen, J.Carini, M.Minervini, A.Lane, B. R., Assessment of volume preservation performed before or after partial nephrectomy accurately predicts postoperative renal function: Results from a prospective multicenter study. Urologic Oncology: Seminars and Original Investigations. 2019;37(1);33-39	3
10688	K. P. Larrabee, J. C.Lynn, T. J.Sarami, I.Quinones, W., High-grade transformation of papillary cystadenocarcinoma with p16 immunoreactivity arising from the base of tongue. Human Pathology: Case Reports. 2019;16 (no pagination);	3
10689	R. A. P. El Shafie, A.Bernhardt, D.Lang, K.Welzel, T.Sprave, T.Hommertgen, A.Krisam, J.Schmitt, D.Kluter, S.Schubert, K.Klose, C.Kieser, M.Debus, J.Rieken, S., Robotic radiosurgery for brain metastases diagnosed with either SPACE or MPRAGE Sequence (CYBER-SPACE) - A single-center prospective randomized trial. Clinical Neurosurgery. 2019;84(1);253-260	3
10690	J. L. Huang, C.Jiang, L.Lin, H.Lu, P.Li, J.Luo, Q., Robotic-assisted thoracoscopic right upper lobe sleeve resection. Journal of Thoracic Disease. 2019;11(1);243-245	8
10691	L. S. Montemorano, S. A.Jalilvand, A. D.Noria, S. F.Salani, R., Bariatric surgery after failed conservative management in a morbidly obese patient with endometrial cancer. Gynecologic Oncology Reports. 2019;27;69-71	3
10692	M. R. Bowman, L.Pettus, J.Yared, J. E.Pattison, E., An unusual case of renal cell carcinoma with tumor thrombosis of the proximal ureter. Urology Case Reports. 2019;23;60-61	5
10693	K. S. R. Pfaendler, L. M., Rapid progression of disease in two cases of undifferentiated endometrial carcinoma. Gynecologic Oncology Reports. 2019;27;65-68	2

10694	H. K. Liu, T.Tonouchi, A.Kaito, A.Tokunaga, M., What are the reasons for a longer operation time in robotic gastrectomy than in laparoscopic gastrectomy for stomach cancer?. Surgical Endoscopy. 2019;33(1);192-198	4
10695	P. D. F. Patil, A. P.Velcheti, V.Tarhini, A.Funchain, P.Rini, B.Khasawneh, M.Pennell, N. A., Cases from the irAE Tumor Board: A Multidisciplinary Approach to a Patient Treated with Immune Checkpoint Blockade Who Presented with a New Rash. Oncologist. 2019;24(1);44659	3
10696	A. B. Mahmood, J.Azais, H.Uzan, C.Canlorbe, G., Robotic assisted laparoscopic myomectomy of large uterine myoma with video. Gynecologie Obstetrique Fertilite et Senologie. 2019;47(1);88-89	3
10697	D. P. D. Slakey, I., Robotic surgery: an example of uncoupling the economics of technology. Health and Technology. 2019;9(1);25-29	3
10698	H. K. Khan, J. D.Hussein, A. A.Sharif, M.Ahmed, Y.May, P.Hammond, Y.Stone, K.Ahmad, B.Cole, A.Hasasneh, A.Raheem, S.Guru, K. A., Use of Robotic Anastomosis Competency Evaluation (RACE) tool for assessment of surgical competency during urethrovesical anastomosis. Canadian Urological Association Journal. 2019;13(1);E10-E16	4
10699	X. W. Zhang, Q.Hu, T.Gu, C.Bi, L.Wang, Z., Laparoscopic versus conventional open surgery in T4 rectal cancer: A case-control study. Journal of Minimal Access Surgery. 2019;15(1);37-41	2
10700	J. L. M. Bauza, P.Sagalovich, D.Bertolo, R.Pieras, E.Piza, P.Kaouk, J., Intracorporeal renal hypothermia with ice slush for robot-assisted partial nephrectomy in a highly complex renal mass. International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(5);1073-1074	3
10701	F. B. C. Carrerette, E.Machado, H.Freire, F. C.Damiao, R., Open anterograde anatomic radical retropubic prostatectomy technique: description of the first fiftyfive procedures. International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(5);1071-1072	3
10702	J. D. D. Garisto, J.Sagalovich, D.Bertolo, R.Rini, B.Kaouk, J., Robotic partial nephrectomy after pazopanib treatment in a solitary kidney with segmental vein thrombosis. International braz j urol : official journal of the Brazilian Society of Urology. 2019;45(4);859	3
10703	A. S. C. Ibrahim, F. J.Leibowitz, J. M.Thomas, G. R.Arnold, D. J.Franzmann, E. J.Nicolli, E. A.Lo, K.Nemeth, Z.Sargi, Z. B.Weed, D. T., Meta-analysis comparing outcomes of different transoral surgical modalities in management of oropharyngeal carcinoma. Head and Neck. 2019;41(6);1656-1666	8
10704	R. R. Agarwal, A.Goel, G.Unnikrishnan, U. G., A Comparison of the Clinical Outcomes in Uterine Cancer Surgery After the Introduction of Robotic-Assisted Surgery. Journal of Obstetrics and Gynecology of India. 2019;69(3);284-291	13
10705	J. H. Tiferes, A. A.Bisantz, A.Higginbotham, D. J.Sharif, M.Kozlowski, J.Ahmad, B.O'Hara, R.Wawrzyniak, N.Guru, K., Are gestures worth a thousand words? Verbal and nonverbal communication during robot-assisted surgery. Applied Ergonomics. 2019;78;251-262	3
10706	M. K. Z. Rice, M. S.Novak, S. M.Al Abbas, A. I.Zureikat, A. H.Zeh, H. J.Hogg, M. E., Crowdsourced Assessment of Inanimate Biotissue Drills: A Valid and Cost-Effective Way to Evaluate Surgical Trainees. Journal of Surgical Education. 2019;76(3);814-823	2
10707	W. S. Janssens, M.Allaeys, M.De Backer, A., Robotic repair of large Morgagni hernia in an adolescent girl. Journal of Pediatric Surgery Case Reports. 2019;41;51-53	3

10708	G. A. Vadala, L.Portaccio, I.Accoto, D.Russo, F.De Salvatore, S.Papalia, R.Denaro, V., Validation of a novel smart drilling system to monitor bone impedance during transpedicular screw placement: a pilot study. Journal of biological regulators and homeostatic agents. 2019;33(6 Supplement 3);0-. Congress of the Italian Orthopaedic Research Society	2
10709	A. K. Kr, C. R.P, S. S., Total mesorectal excision for rectal cancer patients: a comparative triple arm study of surgical results in open vs laparoscopic vs robotic-assisted surgery. Annals of Oncology. 2019;30(Supplement 4);iv53-iv54	8
10710	B. S. Marcon, W. N.Guillemin, F.Hubert, N.Lagrange, F.Huselstein, C.Hubert, J., An ergonomic assessment of four different donor nephrectomy approaches for the surgeons and their assistants. Research and Reports in Urology. 2019;11;261-268	4
10711	C. S. Fox, V.Ge, L.Galili, Y.Carlan, S. J., Glassy cell carcinoma of the endometrium presenting as an intracavitary leiomyoma on ultrasound. American Journal of Case Reports. 2019;20;961-964	3
10712	A. U. Vandesompele, G.Mahmud, H.Wyffels, F.Dambre, J., Body randomization reduces the sim-to-real gap for compliant quadruped locomotion. Frontiers in Neurorobotics. 2019;13 (no pagination);	3
10713	M. M. Persico, D.Way, C.Williamson, M.O'Keefe, K.Strnatko, D.Wright, F., Implementation of Enhanced Recovery After Surgery in a Community Hospital: An Evidence-Based Approach. Journal of perianesthesia nursing : official journal of the American Society of PeriAnesthesia Nurses. 2019;34(1);188-197	2
10714	S. C. Chumnanvej, S.Pillai, B. M.Suthakorn, J., Pathway and workspace study of Endonasal Endoscopic Transsphenoidal (EET) approach in 80 cadavers. International Journal of Surgery Open. 2019;16;22-28	7
10715	J. P. Loh-Doyle, M. B.Nakhoda, Z.Nassiri, N.Yip, W.Wayne, K.Doumanian, L.Boyd, S. D., Three-Piece Inflatable Penile Prosthesis Placement Following Pelvic Radiation: Technical Considerations and Contemporary Outcomes. Journal of Sexual Medicine. 2018;15(7);1049-1054	2
10716	Y. A. M. Kram, J. M.Golden, J.Wirtz, E., A rare cause of dysphagia: Pyriform sinus atypical lipomatous tumor. Ear, Nose and Throat Journal. 2018;97(4-5);114-115	3
10717	K. Y. S. Lee, J. K.Park, Y. A.Yun, S. H.Huh, J. W.Cho, Y. B.Kim, H. C.Lee, W. Y., Transanal endoscopic and transabdominal robotic total mesorectal excision for mid-To-low rectal cancer: Comparison of short-Term postoperative and oncologic outcomes by using a case-matched analysis. Annals of Coloproctology. 2018;34(1);29-35	12
10718	R. Y. S. Song, H. J.Paek, S. H.Kang, K. H., The First Report of Robotic Bilateral Modified Radical Neck Dissection through the Bilateral Axillo-breast Approach for Papillary Thyroid Carcinoma with Bilateral Lateral Neck Metastasis. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2020;30(3);E18-E22	3
10719	H. M. Kitahara, M.Patel, B.Nisivaco, S.Balkhy, H. H., Does Robotic Beating Heart Connector Totally Endoscopic Coronary Artery Bypass Bridge the Gender Gap in Coronary Bypass Surgery?. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2018;13(1);35-39	3
10720	S. J. S. Counts, A. G.Blasberg, J. D.Kim, A. W., Robotic Transthoracic Primary Repair of a Diaphragmatic Hernia and Reduction of an Intrathoracic Liver. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2018;13(1);54-55	3
10721	J. D. D. Garisto, J.Arora, H.Bertolo, R.Kaouk, J. H., Concurrent Robotic Pyelolithotomy and Partial Nephrectomy: Tips and Tricks. Urology. 2018;118;243	3
10722	J. D. D. Garisto, J.Nyame, Y.Sagalovich, D.Bertolo, R.Kaouk, J. H., Precise Clamping of Renal Artery With Endovascular Stents During Robotic Partial Nephrectomy: Technical Hints to Optimize Outcomes. Urology. 2018;118;239-240	3

10723	F. F. Porpiglia, C.Checcucci, E.Amparore, D.Bertolo, R., Augmented Reality Robot-assisted Radical Prostatectomy: Preliminary Experience. Urology. 2018;115;184	3
10724	A. L. Zubizarreta, M.Irigoyen, E.Cabanes, I.Portillo, E., Real time direct kinematic problem computation of the 3PRS robot using neural networks. Neurocomputing. 2018;271;104-114	2
10725	J. J. C. Leow, A. P.Seisen, T.Bellmunt, J.Mossanen, M.Menon, M.Preston, M. A.Choueiri, T. K.Kibel, A. S.Chung, B. I.Sun, M.Chang, S. L.Trinh, Q. D., Variations in the Costs of Radical Cystectomy for Bladder Cancer in the USA. European Urology. 2018;73(3);374-382	4
10726	Anonymous, Scientific surgery. British Journal of Surgery. 2018;105(6);760	8
10727	A. L. C. T. Dema, S.Jurescu, A.Gheju, A. R.Vaduva, A. O.Duta, C. C.Lazar, O. F., Paving the way to tumor budding assessment using digital pathology: a pilot study in Timisoara City (Romania). Romanian journal of morphology and embryology = Revue roumaine de morphologie et embryologie. 2018;59(3);703-713	3
10728	T. I. Tarui, N.Kiuchi, R.Watanabe, G., Hybrid treatment combining robotic coronary artery bypass grafting and percutaneous catheter radiofrequency ablation. Interactive cardiovascular and thoracic surgery. 2018;26(1);163-164	3
10729	B. H. Cem, A., Robot Assisted Radical Prostatectomy in A Patient with Previous Abdominoperineal Resection and Pelvic External Beam Radiation Therapy. Urology journal. 2018;15(3);134-136	3
10730	N. d. A. Petrucciani, N.Brunetti, F., Robotic Toupet fundoplication following Heller myotomy for achalasia (with video). Journal of visceral surgery. 2018;155(5);427-428	3
10731	F. Y. Ju, Y.Zhang, Z.Wang, Y.Zhang, L.Chen, B., A Variable-Impedance Tactile Sensor With Online Performance Tuning for Tissue Hardness Palpation in Robot-Assisted Minimally Invasive Surgery. Conference proceedings : ... 2018;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018;2142-2145	8
10732	D. B. K. Wake, M. S., Amphibians. Current biology : CB. 2018;28(21);R1237-R1241	2
10733	B. C. Yang, T.Zheng, W.Liu, S., Motion Tracking for Beating Heart Based on Sparse Statistic Pose Modeling. Conference proceedings : ... 2018;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018;1106-1110	8
10734	G. R. Giraudet, C.Collinet, P.Cosson, M., Salpingectomy during vaginal hysterectomy: A surgical technique to make it easier. Obstetrics and Gynecology. 2018;132(2);271-273	3
10735	A. B. Pfeil, L.Wach, B.Cazzato, R. L.Gangi, A.Renaud, P., Observations And Experiments For The Definition Of A New Robotic Device Dedicated To CT, CBCT And MRI-Guided Percutaneous Procedures. Conference proceedings : ... 2018;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018;1708-1712	8
10736	M. R. Ershad, R.Fey, A. M., Automatic Surgical Skill Rating Using Stylistic Behavior Components. Conference proceedings : ... 2018;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018;1829-1832	8

10737	A. A. MajidiRad, V.Yihun, Y., Assessment of Robot Interventions in a Task-based Rehabilitation: a case study. Conference proceedings : ... 2018;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018;1825-1828	5
10738	Y. W. Chang, X.An, Z.Wang, H., Robotic Path Planning Using A[*] Algorithm for Automatic Navigation in Magnetic Resonance Angiography. Conference proceedings : ... 2018;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018;734-737	8
10739	S. H. Gushi, H., An Assistive Robotic Arm For People With Physical Disabilities Of The Extremities: HOG Based Food Detection. Conference proceedings : ... 2018;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018;1801-1804	8
10740	J. C. Cataneo, T.Poylin, V., Robotic Excision of Retrorectal Mass. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2018;22(10);1811-1813	3
10741	T. C. Schimmoeller, K. H.Colbrunn, R.Nagle, T.Neumann, E.Erdemir, A., Instrumentation of Surgical Tools To Measure Load and Position During Incision, Tissue Retraction, and Suturing. Conference proceedings : ... 2018;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2018;933-936	8
10742	K. G. You, M.Nesgaard, J. M.Bandovic, J.Ignjatovic, D.Bakka, A.Bergamaschi, R., D3 Extended Mesenterectomy in Right Colectomy for Cancer: A Cadaver Simulation Model. Surgical technology international. 2018;32;109-113	7
10743	T. N. Ojima, M.Nakamura, M.Hayata, K.Maruoka, S.Yamaue, H., Fundoplication with 180-Degree Wrap During Esophagogastrostomy After Robotic Proximal Gastrectomy for Early Gastric Cancer. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2018;22(8);1475-1476	3
10744	S. B. Kumar, K.Panwar, V. K.Kumar, A.Sharma, M. K., Stone in ectopic pelvic pancake kidney: a surgical challenge overcome by robotic surgery. Journal of robotic surgery. 2018;12(1);181-183	3
10745	E. M. Pantelis, A.Antypas, C.Zoros, E.Pantelakos, P.Lekas, L.Romanelli, P.Zourari, K.Hourdakis, C. J., On the total system error of a robotic radiosurgery system: phantom measurements, clinical evaluation and long-term analysis. Physics in medicine and biology. 2018;63(16);165015	2
10746	T. N. Ojima, M.Nakamori, M.Hayata, K.Katsuda, M.Tsuji, T.Maruoka, S.Yamaue, H., Prevention of Internal Hernia During Robotic Total Gastrectomy for Gastric Cancer. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2018;22(5);934	3
10747	M. M. Casper, R.Khare, R.Jaramaz, B.Hamlin, B.McGinley, B.Mayman, D.Headrick, J.Urish, K.Gittins, M.Incavo, S.Neginhal, V., Accuracy assessment of a novel image-free handheld robot for Total Knee Arthroplasty in a cadaveric study. Computer assisted surgery (Abingdon, England). 2018;23(1);14-20	7
10748	A. T. Bhimaraj, B.Valderrabano, M., Robotically Guided Left Ventricular Biopsy to Diagnose Cardiac Sarcoidosis: A Multidisciplinary Innovation Leading to First-in-Human Case. Circulation. 2018;Heart failure. 11(3);e004627	3
10749	T. C. Sammour, G. J., Robotic surgery for rectal cancer: the future?. Minerva chirurgica. 2018;73(6);574-578	8

10750	V. K. Raveendran, R. M.Adiyat, K. T., Robotic excision of complex adrenal mass with retrocaval extension and encasement of renal hilum with renal preservation. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(6);1261	3
10751	W. A. Lin, N., Addressing the challenges of reoperative robotic-assisted sacrocolpopexy. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(6);1263-1264	8
10752	L. A. T. Deane, W. P.Strong, A.Lowe, M.Antoine, N.Ghai, R.Ekbal, S., Lowering positive margin rates at radical prostatectomy by color coding of biopsy specimens to permit individualized preservation of the neurovascular bundles: is it feasible? a pilot investigation. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(6);1081-1088	2
10753	G. J. S. O. Tan, W. M.Law, R. H. F.Nardini, M., Robotic pericardial patch repair of the bronchus intermedius after bronchogenic cyst removal. Interactive cardiovascular and thoracic surgery. 2018;26(4);711-712	3
10754	P. S. Tejedor, F.Ahmed, A.Naqvi, S.Khan, J. S., Robotic pelvic lymph node dissection for rectal cancer. Techniques in Coloproctology. 2018;22(10);801-803	3
10755	K. H. G. Pang, R.Venugopal, S.Noon, A. P.Catto, J. W. F., Prospective Implementation of Enhanced Recovery After Surgery Protocols to Radical Cystectomy. European Urology. 2018;73(3);363-371	3
10756	V. N. F. D. C. Queiroz, L. G. V.Barbosa, R. P.Takaoka, F.De Baerdemaeker, L.Cesar, D. S.D'Orto, U. C.Galdi, J. R.Gottumukkala, V.Cata, J. P.Hemmes, S. N. T.Hollman, M. W.Kalmar, A.De Moura, L. A. B.Mariano, R. M.Matot, I.Mazzinari, G.Mills, G. H.Posso, I. D. P.Teruya, A.Vidal Melo, M. F.Sprung, J.Weingarten, T. N.Treschan, T. A.Koopman, S.Eidelman, L.Chen, L. L.Lee, J. W.Arino Irujo, J. J.Tena, B.Groeben, H.Pelosi, P.De Abreu, M. G.Schultz, M. J.Neto, A. S.Catala, J.Bravo, M.De Freitas, R. C.Felipe, C.Bruno, R.Arantes, S.Hatanaka, D. M.Beltran, J.Monsalve, C.Droger, S. M.Deljou, A.Sabov, M.Rabbu, Y. S.Del Barrio De Bonis, M.Babian, R.Rabenalt, R.Kohne, W.Ronen, A.Agarwala, A. V.Granell, M., International multicenter observational study on assessment of ventilatory management during general anaesthesia for robotic surgery and its effects on postoperative pulmonary complication (AVATaR): Study protocol and statistical analysis plan. BMJ Open. 2018;8(8) (no pagination);	8
10757	R. A. G. Macke, R.Starnes, S.Harken, A. H., So, you are looking for a job: Pearls for a successful first cardiothoracic job search. Journal of Thoracic and Cardiovascular Surgery. 2018;156(4);1575-1584	8
10758	K. Z. Hodges, Y.Everett, A.Murthy, S.Ahmad, U., Pleural myopericytoma: A rare neoplasm in a difficult location. Journal of Thoracic and Cardiovascular Surgery. 2018;156(2);e129-e131	3
10759	D. E. C. Soper, D., Prevention of infection after gynecologic procedures. Obstetrics and Gynecology. 2018;131(6);E172-E189	8
10760	A. O. Takahagi, M.Chen-Yoshikawa, T. F.Hamaji, M.Yoshizawa, A.Sozu, T.Sonobe, M.Date, H., Anterior mediastinal tissue volume is correlated with antiacetylcholine receptor antibody level in myasthenia gravis. Journal of Thoracic and Cardiovascular Surgery. 2018;155(6);2738-2744	3
10761	P. G. D. A. Khaitan, T. A., Milestones in thoracic surgery. Journal of Thoracic and Cardiovascular Surgery. 2018;155(6);2779-2789	8
10762	A. D. Taggarse, J. A.Daly, R. C.Anwer, L. A.Choi, W.Michelena, H. I.Mauermann, W. J.Maltais, S., Reoperation rate for recurrent mitral disease is low after robotically assisted mitral valve repair. Journal of Thoracic and Cardiovascular Surgery. 2018;155(1);e13-e16	3

10763	A. M. Moglia, L.Ferrari, V.Ferrari, M.Mosca, F.Cuschieri, A., Distribution of innate psychomotor skills recognized as important for surgical specialization in unconditioned medical undergraduates. Surgical Endoscopy. 2018;32(10);4087-4095	1
10764	D. R. T. Farquhar, J. M.Mazul, A. L.Zevallos, J. P., HPV-Positive Oropharyngeal Squamous Cell Carcinoma among Patients Taking Adalimumab for Autoimmune Disorders. Otolaryngology - Head and Neck Surgery (United States). 2018;159(3);593-594	2
10765	L. P. Morelli, M.Simoncini, T.Cela, V.Perutelli, A.Selli, C.Buccianti, P.Francesca, F.Cecchi, M.Zirafa, C.Bastiani, L.Cuschieri, A.Melfi, F., A prospective, single-arm study on the use of the da Vinci Table Motion with the Trumpf TS7000dV operating table. Surgical Endoscopy. 2018;32(10);4165-4172	3
10766	K. M. G. Coakley, S. A.Colavita, P. D.Prasad, T.Stefanidis, D.Lincourt, A. E.Augenstein, V. A.Gersin, K.Heniford, B. T., Roux-En-Y gastric bypass following failed fundoplication. Surgical Endoscopy. 2018;32(8);3517-3524	3
10767	A. H. L. Aryaie, S.Sergent, W. K.Puckett, Y.Juergens, C.Ratermann, C.Ogg, C., Decreased opioid consumption and enhance recovery with the addition of IV Acetaminophen in colorectal patients: a prospective, multi-institutional, randomized, double-blinded, placebo-controlled study (DOCIVA study). Surgical Endoscopy. 2018;32(8);3432-3438	2
10768	S. B. F. Kodandaramaiah, F. J.Holst, G. L.Singer, A. C.Han, X.Brown, E. N.Boyden, E. S.Forest, C. R., Multi-neuron intracellular recording in vivo via interacting autopatching robots. eLife. 2018;7 (no pagination);	2
10769	B. D. M. Carr, N.Sandhu, G.Varban, O. A., Cut or Do Not Cut? Assessing Perceptions of Safety During Laparoscopic Cholecystectomy Using Surgical Videos. Journal of Surgical Education. 2018;75(6);1583-1588	1
10770	A. C. G. Watkins, M.Maassel, N. L.Wehman, B.Demirci, F.Griffith, B. P.Gammie, J. S.Taylor, B. S., Programmatic and Surgeon Specialization Improves Mortality in Isolated Coronary Bypass Grafting. Annals of Thoracic Surgery. 2018;106(4);1150-1158	3
10771	P. A. M. Walker, A. C.Mo, J.Cherla, D. V.Santillan, M. R.Kim, S.Ryan, H.Shah, S. K.Wilson, E. B.Tsuda, S., Multicenter review of robotic versus laparoscopic ventral hernia repair: is there a role for robotics?. Surgical Endoscopy. 2018;32(4);1901-1905	12
10772	I. W. Belyansky, A. S.Sibia, U. S.Turcotte, J. J.Taylor, H.Zahiri, H. R.Turner, T. R.Park, A., The trend toward minimally invasive complex abdominal wall reconstruction: is it worth it?. Surgical Endoscopy. 2018;32(4);1701-1707	3
10773	K. O. Hida, R.Sakai, Y.Konishi, T.Akagi, T.Yamaguchi, T.Akiyoshi, T.Fukuda, M.Yamamoto, S.Yamamoto, M.Nishigori, T.Kawada, K.Hasegawa, S.Morita, S.Watanabe, M., Open versus Laparoscopic Surgery for Advanced Low Rectal Cancer: A Large, Multicenter, Propensity Score Matched Cohort Study in Japan. Annals of Surgery. 2018;268(2);318-324	2
10774	R. M. M. Van Haren, R. J.Mena, G. E.Correa, A. M.Antonoff, M. B.Baker, C. M.Woodard, T. C.Hofstetter, W. L.Roth, J. A.Sepesi, B.Swisher, S. G.Vaporciyan, A. A.Walsh, G. L.Rice, D. C., Enhanced Recovery Decreases Pulmonary and Cardiac Complications After Thoracotomy for Lung Cancer. Annals of Thoracic Surgery. 2018;106(1);272-279	3
10775	R. C. G. Moon, L.Teixeira, A. F.Jawad, M. A., Safety and Effectiveness of Single-Anastomosis Duodenal Switch Procedure: 2-Year Result from a Single US Institution. Obesity Surgery. 2018;28(6);1571-1577	3

10776	F. R. H. Noyes, L. E.West, J.Jurgensmeier, D.Walsh, J.Levy, M. S., Two Different Knee Rotational Instabilities Occur With Anterior Cruciate Ligament and Anterolateral Ligament Injuries: A Robotic Study on Anterior Cruciate Ligament and Extra-articular Reconstructions in Restoring Rotational Stability. Arthroscopy - Journal of Arthroscopic and Related Surgery. 2018;34(9);2683-2695	7
10777	A. F. Moglia, V.Melfi, F.Ferrari, M.Mosca, F.Cuschieri, A.Morelli, L., Performances on simulator and da Vinci robot on subjects with and without surgical background. Minimally Invasive Therapy and Allied Technologies. 2018;27(6);309-314	2
10778	V. D. M. Ozben, C.Esen, E.Aytac, E.Baca, B.Karahasanoglu, T.Hamzaoglu, I., Is Robotic Complete Mesocolic Excision Feasible for Transverse Colon CancerY. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2018;28(12);1443-1450	3
10779	A. H. Kamran, T. E.Zendejas, B.Nath, B.Jennings, R. W.Smithers, C. J., Minimally Invasive Surgical Approach for Posterior Tracheopexy to Treat Severe Tracheomalacia: Lessons Learned from Initial Case Series. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2018;28(12);1525-1530	5
10780	P. S. Grange, F.Thiagamoorthy, G.Araklitis, G.Robinson, D.Cardozo, L., Laparoscopic mesh repair of a labial hernia. Neurourology and Urodynamics. 2018;37(3);1178-1179	3
10781	N. D. G. Sarli, G.De, S.D. Ietrich M.SHerrell, S. D.Simaan, N., Preliminary Porcine in Vivo Evaluation of a Telerobotic System for Transurethral Bladder Tumor Resection and Surveillance. Journal of Endourology. 2018;32(6);516-522	7
10782	M. P. C. Ruiz, L.Hou, J. Y.Tergas, A. I.Clair, C. M. S.Ananth, C. V.Neugut, A. I.Hershman, D. L.Wright, J. D., Outcomes of hysterectomy performed by very low-volume surgeons. Obstetrics and Gynecology. 2018;131(6);981-990	3
10783	F. R. H. Noyes, L. E.Levy, M. S., The effect of an ACL reconstruction in controlling rotational knee stability in knees with intact and physiologic laxity of secondary restraints as defined by tibiofemoral compartment translations and graft forces. Journal of Bone and Joint Surgery - American Volume. 2018;100(7);586-597	7
10784	A. S. G. Tamhankar, G., Robot-assisted versus laparoscopic radical nephrectomy. National Medical Journal of India. 2018;31(4);221-222	8
10785	K. D. Naeem, A.Shamim, M. S., Role of stereotactic radiosurgery in the treatment of acromegaly. Journal of the Pakistan Medical Association. 2018;68(12);1844-1846	8
10786	C. C. C. DeStephano, A. H.Heckman, M. G.Chimato, N. T.Guha, P.Espinal, M.Dinh, T. A., Use of the Limbs and Things Hysterectomy Model to Describe the Process for Establishing Validity. Journal of Minimally Invasive Gynecology. 2018;25(6);1051-1059	3
10787	S. R. Shue, M.Falcone, T., Comparison of Long-Term Fertility Outcomes after Myomectomy: Relationship with Number of Myomas Removed. Journal of Minimally Invasive Gynecology. 2018;25(6);1002-1008	5
10788	H. W. Y. Yu, J. W.Seong, C. Y.Kim, J. K.Bae, I. E.Kwon, H.Chai, Y. J.Kim, S. J.Choi, J. Y.Lee, K. E., Development of a surgical training model for bilateral axillo-breast approach robotic thyroidectomy. Surgical Endoscopy. 2018;32(3);1360-1367	2
10789	W. P. Robison, S. K.Mehta, A.Senkowski, T.Allen, J.Shaw, E.Senkowski, C. K., Can fatigue affect acquisition of new surgical skills? A prospective trial of pre- and post-call general surgery residents using the da Vinci surgical skills simulator. Surgical Endoscopy. 2018;32(3);1389-1396	3
10790	S. Y. S. Park, J. W.Kim, D. J.Park, J. C.Kim, E. H.Lee, C. Y.Lee, J. G.Paik, H. C.Chung, K. Y., Near-Infrared Lymphatic Mapping of the Recurrent Laryngeal Nerve Nodes in T1 Esophageal Cancer. Annals of Thoracic Surgery. 2018;105(6);1613-1620	3

10791	Z. Y. Liu, M.Zhao, Z. X.Guan, X.Jiang, Z.Chen, H. P.Wang, S.Quan, J. C.Yang, R. K.Wang, X. S., Current practice patterns of preoperative bowel preparation in colorectal surgery: A nation-wide survey by the Chinese Society of Colorectal Cancer. World Journal of Surgical Oncology. 2018;16(1) (no pagination);	3
10792	V. J. Giambruno, P.Khaliel, F.Chu, M. W.Teefy, P.Sridhar, K.Cucchietti, C.Barnfield, R.Kiaii, B., Hybrid Coronary Revascularization Versus On-Pump Coronary Artery Bypass Grafting. Annals of Thoracic Surgery. 2018;105(5);1330-1335	13
10793	K. C. T. Hobelmann, M. C.Bar-Ad, V.Luginbuhl, A. J.Keane, W. M.Curry, J. M.Cognetti, D. M., AJCC-8ed nodal staging does not predict outcomes in surgically managed HPV-associated oropharyngeal cancer. Oral Oncology. 2018;82;138-143	3
10794	A. A. Rajanbabu, R., A prospective evaluation of the sentinel node mapping algorithm in endometrial cancer and correlation of its performance against endometrial cancer risk subtypes. European Journal of Obstetrics and Gynecology and Reproductive Biology. 2018;224;77-80	3
10795	A. A. A. Mendivil, L. N.Brown, J. V.Mori, K. M.Beck, T. L.Epstein, H. D.Micha, J. P.Goldstein, B. H., The safety and feasibility of minimally invasive sentinel lymph node staging using indocyanine green in the management of endometrial cancer. European Journal of Obstetrics and Gynecology and Reproductive Biology. 2018;224;29-32	3
10796	E. Q. Vicente, Y.Duran, H.Diaz, E.Fabra, I.Malave, L.Ferri, V.Lazzaro, S.Kalivaci, D.Caruso, R.Ielpo, B., First case of complete full robotic surgical resection of leiomyosarcoma of the right renal vein. Surgical Endoscopy. 2018;32(2);1072	5
10797	M. C. S. Savastano, A.Rizzo, S., Pharmacological adjuncts to vitrectomy surgery. Current Pharmaceutical Design. 2018;24(41);4843-4852	8
10798	K. A. S. Chiles, I.Johnson-Arbor, K.Champagne, A.McLaughlin, T.Graydon, R. J., A Double-Blind, Randomized Trial on the Efficacy and Safety of Hyperbaric Oxygenation Therapy in the Preservation of Erectile Function after Radical Prostatectomy. Journal of Urology. 2018;199(3);805-811	3
10799	I. A. S. Siddiqui, A. V.Martinie, J. B.Vrochides, D.Baker, E. H.Iannitti, D. A., Fellows' perspective of HPB training programs in North America: results of a survey. Hpb. 2018;20(8);695-701	2
10800	A. Z. Di Spiezio Sardo, B.Calagna, G.Giampaolino, P.Paolella, F.Bifulco, G., Hysteroscopic Isthmoplasty: Step-by-Step Technique. Journal of Minimally Invasive Gynecology. 2018;25(2);338-339	3
10801	V. W. Rigaud, P.Bartalot, A.Nezhat, F., Case of Psoas Abscess after Robotic-Assisted Laparoscopic Hysterectomy and Pelvic Lymphadenectomy. Journal of Minimally Invasive Gynecology. 2018;25(4);737-739	3
10802	J. G. K. Yoo, W. J.Lee, K. H., Single-Site Robot-Assisted Laparoscopic Staging Surgery for Presumed Clinically Early-Stage Ovarian Cancer. Journal of Minimally Invasive Gynecology. 2018;25(3);380-381	3
10803	M. K. L. Wang, Y.Selekman, R. E.Gaither, T.Arnhym, A.Baskin, L. S., Scar acceptance after pediatric urologic surgery. Journal of Pediatric Urology. 2018;14(2);175.e1-175.e6	2
10804	K. H. Puttmann, G. O.White, J. T.Kukreja, K.Seth, A.Koh, C. J., Infant crossed renal ectopia with UPJ obstruction repaired via robot-assisted laparoscopic pyeloplasty. Journal of Pediatric Urology. 2018;14(1);75-76	3

10805	K. H. Fuglsang, I. S.Avall-Lundqvist, E.Lindahl, G.Roed, H.Woie, K.Pakarinen, P.Thoroddsen, A.Anttila, M.Blaakaer, J., Cervical cancer staging, pretreatment planning, and surgical treatment in the Nordic countries-Survey from the Surgical Subcommittee of the Nordic Society of Gynecological Oncology. Acta Obstetricia et Gynecologica Scandinavica. 2018;97(10);1178-1184	3
10806	S. K. Pak, M.Ahn, H., Changes in health-related quality of life after radical prostatectomy for prostate cancer: A longitudinal cohort study in Korea. Investigative and Clinical Urology. 2018;59(5);313-320	3
10807	J. F. Z. Schiemer, L.Grimminger, P.Lang, H.Kneist, W., Robot-guided neuromapping during nerve-sparing taTME for low rectal cancer. International Journal of Colorectal Disease. 2018;33(12);1803-1805	3
10808	C. D. H. Warren, A. E. R.Stevenson, A. R. L., Robotic transanal minimally invasive surgery (TAMIS) for local excision of rectal lesions with the da Vinci Xi (dVXi): technical considerations and video vignette. Techniques in Coloproctology. 2018;22(7);529-533	3
10809	S. N. Jayakumar, M.Papoulidis, P.Dunning, J., Robotic right middle lobectomy with a subxiphoid utility port. Interactive Cardiovascular and Thoracic Surgery. 2018;26(6);1049-1050	3
10810	H. J. Qingqing, Z.Dayong, Z.Ziyi, F.Luming, Z.Peng, Z.Fang, Y.Gaofeng, N.Xuefeng, D.Meng, W.Dan, W.Lei, H.Xiaolei, L.Tao, Y., Robot-Assisted Internal Mammary Lymph Node Chain Dissection for Breast Cancer. Clinical Breast Cancer. 2018;18(4);e441-e445	3
10811	X. Y. Tan, P.Lim, K. B.Chui, C. K., Robust path planning for flexible needle insertion using Markov decision processes. International Journal of Computer Assisted Radiology and Surgery. 2018;13(9);1439-1451	2
10812	S. B. O. Bateni, J. L.Hoch, J. S.Canter, R. J.Bold, R. J., Drivers of Cost for Pancreatic Surgery: It's Not About Hospital Volume. Annals of Surgical Oncology. 2018;25(13);3804-3811	2
10813	H. N. H. Overton, M. N.Bruhn, W. E.Hutfless, S.Bicket, M. C.Makary, M. A.Matlaga, B.Johnson, C.Sheffield, J.Shechter, R.Nguyen, H.Osgood, G.Walsh, C.Burkhart, R.Blair, A.Ludwig, W.Nesbit, S.Wang, P.Morgan, S.Jones, C.Kodadek, L.Taylor, J.Enumah, Z.Gilmore, R.Habibi, M.Williams, K.Russell, J.Wang, K.Etra, J.Broderick, S.Zavadsky, T., Opioid-Prescribing Guidelines for Common Surgical Procedures: An Expert Panel Consensus. Journal of the American College of Surgeons. 2018;227(4);411-418	2
10814	J. H. K. Pfeiffer, M.Strathen, B.Dietz, C.Dingler, M. E.Lueth, T. C.Timmermann, D.Radermacher, K.Golatowski, F., OR.NET RT: How service-oriented medical device architecture meets real-time communication. Biomedizinische Technik. 2018;63(1);81-93	3
10815	V. C. Penza, A. S.Moccia, S.Mattos, L. S.De Momi, E., EndoAbS dataset: Endoscopic abdominal stereo image dataset for benchmarking 3D stereo reconstruction algorithms. International Journal of Medical Robotics and Computer Assisted Surgery. 2018;14(5) (no pagination);	2
10816	A. C. Patel, G.Wale, A.Chong, I.Rutten, H.Nicholls, J.Hawkins, M.Steele, R. J. C.Marks, J.Brown, G., Session 3: Intra-operative radiotherapy - creating new surgical boundaries. Colorectal Disease. 2018;20(Supplement 1);65-75	8
10817	S. K. Vatandoust, G.O'Callaghan, M.Vincent, A. D.Kopsaftis, T.Walsh, S.Borg, M.Karapetis, C. S.Moretti, K., Localised prostate cancer in elderly men aged 80-89 years, findings from a population-based registry. BJU International. 2018;121(Supplement 3);48-54	3

10818	S. B. Salehi, Y.Avall-Lundqvist, E.Suzuki, C.Johansson, H.Legerstam, B.Falconer, H., Long-term quality of life after comprehensive surgical staging of high-risk endometrial cancer-results from the RASHEC trial. Acta Oncologica. 2018;57(12);1671-1676	13
10819	K. Y. Takayasu, K.Mishima, T.Watanabe, M.Matsuda, T.Kinoshita, H., Analysis of the posture pattern during robotic simulator tasks using an optical motion capture system. Surgical Endoscopy. 2018;32(1);183-190	1
10820	G. I. L. Lee, M. R., Can a virtual reality surgical simulation training provide a self-driven and mentor-free skills learning? Investigation of the practical influence of the performance metrics from the virtual reality robotic surgery simulator on the skill learning and associated cognitive workloads. Surgical Endoscopy. 2018;32(1);62-72	2
10821	H. A. B. Beydoun, M. A.Cheng, H.Khan, A.Eid, S. M.Alvarez-Garriga, C.Anderson-Smits, C.Zonderman, A. B.Marinac-Dabic, D., Complications associated with surgical treatment of sleep-disordered breathing among hospitalized U.S. adults. Journal of Cranio-Maxillofacial Surgery. 2018;46(8);1303-1312	3
10822	A. A. A. Ong, C. M.Nguyen, S. A.Teufel, R. J.Lal, C.LaRosa, A. C.White, D. R., Down syndrome and pediatric obstructive sleep apnea surgery: A national cohort. Laryngoscope. 2018;128(8);1963-1969	2
10823	B. M. Peterburs, A.Haas, P.Petri, M.Westphal, R.Dullin, C.Sehmisch, S.Neunaber, C., Biomechanical and histological analyses of the fracture healing process after direct or prolonged reduction. European Journal of Medical Research. 2018;23(1) (no pagination);	7
10824	D. J. Wesierski, A., Instrument detection and pose estimation with rigid part mixtures model in video-assisted surgeries. Medical Image Analysis. 2018;46;244-265	8
10825	M. A. F. Ray, N. R.Smeltzer, M. P.Fehnel, C.Houston-Harris, C.Levy, P.Wiggins, L.Sachdev, V.Robbins, T.Spencer, D.Osarogiagbon, R. U., Effectiveness of Implemented Interventions on Pathologic Nodal Staging of Non-Small Cell Lung Cancer. Annals of Thoracic Surgery. 2018;106(1);228-234	2
10826	M. R. H. Patel, P. A.Beitler, J. J.Magliocca, K. R.Griffith, C. C.Liu, Y.Bougnon, K.El-Deiry, M.Saba, N. F.Aiken, A. H., Radiographic Imaging Does Not Reliably Predict Macroscopic Extranodal Extension in Human Papilloma Virus-Associated Oropharyngeal Cancer. Orl. 2018;80(2);85-95	2
10827	L. C. Meggiato, F.Dal Moro, F.Beltrami, P.Zattoni, F., Complex cystine kidney stones treated with combined robot-assisted laparoscopic pyelolithotomy and intraoperative renoscopy. Urologia Journal. 2018;85(2);76-78	3
10828	T. K.-V. D. B. Mulder, M. F. Q.Crolla, R. M. P. H.Ermens, A. A. M.Romme, J.Van, T. Veer N. E.Kluytmans, J. A. J. W., Oral tobramycin prophylaxis prior to colorectal surgery is not associated with systemic uptake. Antimicrobial Agents and Chemotherapy. 2018;62(1) (no pagination);	3
10829	S. V. P. Buelens, C.Poelaert, F.Van Huele, A.Decaestecker, K.Lumen, N., Prospective Randomized Controlled Trial Exploring the Effect of TachoSil on Lymphocele Formation After Extended Pelvic Lymph Node Dissection in Prostate Cancer. Urology. 2018;118;134-140	2
10830	G. D. Veronesi, P.Dunning, J.Cardillo, G.Schmid, R. A.Collins, J.Baste, J. M.Limmer, S.Shahin, G. M. M.Egberts, J. H.Pardolesi, A.Meacci, E.Stamenkovic, S.Casali, G.Rueckert, J. C.Taurchini, M.Santelmo, N.Melfi, F.Toker, A., Outcomes from the Delphi process of the Thoracic Robotic Curriculum Development Committee. European Journal of Cardio-thoracic Surgery. 2018;53(6);1173-1179	2
10831	S. K. Pathirana, P. C. A., Anaesthetic issues in robotic-assisted minimally invasive surgery. Anaesthesia and Intensive Care. 2018;46(1);25-35	8
10832	R. Anjali, Role of robotic surgery in gynecologic oncology in India. World Journal of Laparoscopic Surgery. 2018;11(3);135-137	8

10833	A. M. Costales, C.Escobar-Rodriguez, P. F., Radical Trachelectomy for Early Stage Cervical Cancer. Current Treatment Options in Oncology. 2018;19(12) (no pagination);	3
10834	J. R. P. Watkins, A. D.Truitt, M. S.Jeyarajah, D. R., Perception versus reality: elucidating motivation and expectations of current fellowship council minimally invasive surgery fellows. Surgical Endoscopy. 2018;32(11);4422-4427	2
10835	G. C. Villa, C.Giua, R.Tofani, L.Zagli, G.Boninsegni, P.Pinelli, F.De Gaudio, A. R.Romagnoli, S., In-line filtration reduces postoperative venous peripheral phlebitis associated with cannulation: A randomized clinical trial. Anesthesia and Analgesia. 2018;127(6);1367-1374	2
10836	M. Tanzer, CORR Insights: Does robotic milling for stem implantation in cementless tha result in improved outcomes scores or survivorship compared with hand rasping? results of a randomized trial at 10 years. Clinical Orthopaedics and Related Research. 2018;476(11);2174-2176	8
10837	H. W. Lai, ASO Author Reflections: Single Axillary Incision Endoscopic-Assisted Hybrid Technique for Nipple-Sparing Mastectomy. Annals of Surgical Oncology. 2018;25(Supplement 3);626-627	8
10838	W. S. R. Tummers, E. L.Vahrmeijer, A. L.Poultsides, G. A., ASO Author Reflections: Fluorescent-Guided Surgery to Augment Pancreatic Cancer Surgery. Annals of Surgical Oncology. 2018;25(Supplement 3);820-821	8
10839	G. V. Di Cosmo, E.Silvestri, T.Lissiani, A.Knez, R.Pavan, N.Rizzo, M.Trombetta, C.Liguori, G., Intraoperative ultrasound in robot-assisted partial nephrectomy: State of the art. Archivio Italiano di Urologia e Andrologia. 2018;90(3);195-198	8
10840	M. K. Salna, S.Sampson, J.Shrager, J. B., Minimally Invasive Thymectomy and Lung Volume Reduction in a Patient With Myasthenia Gravis. Annals of Thoracic Surgery. 2018;106(6);e313-e315	3
10841	A. M. A. R. Acosta, M. R. H.Pins, M. R.Borgen, K. R.Panchal, D.Rogozinska, M.Wiley, E. L.Behm, F. G.Mohapatra, G., The role of next-generation sequencing in the differential diagnosis of composite neoplasms. Human Pathology. 2018;81;78-88	2
10842	J. P. S. Landreneau, A. T.Rodriguez, J. H.Aleassa, E. M.Aminian, A.Brethauer, S.Schauer, P. R.Kroh, M. D., Conversion of Sleeve Gastrectomy to Roux-en-Y Gastric Bypass. Obesity Surgery. 2018;28(12);3843-3850	3
10843	B. L. Li, D. B.Gong, E. M., Robot-assisted laparoscopic transplant-to-native ureteroureterostomy of an intraperitoneal renal allograft. Journal of Pediatric Urology. 2018;14(4);356-357	3
10844	M. V. B. Rodriguez, W. R.Gundeti, M. S., Robot-assisted laparoscopic common sheath ureteral reimplantation in duplex ureters: LUAA technique tips for optimal outcomes. Journal of Pediatric Urology. 2018;14(4);353-355	3
10845	E. M. Wybaillie, L.Cooreman, F.Beelen, R., Robotically Assisted Transthoracic Cervical Rib Resection. Annals of Thoracic Surgery. 2018;106(5);e253-e255	3
10846	S. C. P. Wang, H.Scott, W. W., Lung Cancer Invading a Coronary Graft: Role of Coronary Intervention and Robotic Surgery. Annals of Thoracic Surgery. 2018;106(5);e247-e248	3
10847	M. P. C. Ruiz, L.Hou, J. Y.Tergas, A. I.St Clair, C. M.Ananth, C. V.Neugut, A. I.Hershman, D. L.Wright, J. D., Effect of minimum-volume standards on patient outcomes and surgical practice patterns for hysterectomy. Obstetrics and Gynecology. 2018;132(5);1229-1237	2

10848	F. P. Figueroa, D.Fritsch, B.Oussedik, S., New and evolving technologies for knee arthroplasty-computer navigation and robotics: State of the art. Journal of ISAKOS. 2018;3(1);46-54	8
10849	C. E. F. P. Bretschneider, P.Das, D.Jelovsek, J. E.Unger, C. A., The impact of surgeon volume on perioperative adverse events in women undergoing minimally invasive hysterectomy for the large uterus. American Journal of Obstetrics and Gynecology. 2018;219(5);490.e1-490.e8	13
10850	C. M. D. Carter-Brooks, A. L.Ruppert, K. M.Romanova, A. L.Zyczynski, H. M., Implementation of a urogynecology-specific enhanced recovery after surgery (ERAS) pathway. American Journal of Obstetrics and Gynecology. 2018;219(5);495.e1-495.e10	3
10851	J. W. T. M. Toh, R.Kim, S. H., Arc of riolan-preserving splenic flexure takedown during anterior resection: Potentially critical to prevent acute anastomotic ischemia. Diseases of the Colon and Rectum. 2018;61(3);411-414	3
10852	Y. S. E. Tekdos Seker, N.Hergunsel, O.Tulubas, E.Ozturk, F.Mandaci, D., The experience of anesthesia during kidney transplantation with robot assisted laparoscopic surgery. European Research Journal. 2018;4(4);300-307	12
10853	H. R. T. Chen, H. K.Kao, C. C.Tsao, C. W.Meng, E.Sun, G. H.Yu, D. S.Wu, S. T., Robot-assisted radical prostatectomy may induce inguinal hernia within the first 2 years An 11-year single-surgeon experience of >400 cases. Medicine (United States). 2018;97(37) (no pagination);	3
10854	F. S. B. P. Ribeiro, M. A.da Silva, E. X.Casal, D.Casanova-Martinez, D.Pais, D.Goyri-O'neill J, E., Rethinking sciatica in view of a bilateral anatomical variation of the sciatic nerve, with low origin and high division: Historical, anatomical and clinical approach. Acta Medica Portuguesa. 2018;31(10);568-575	7
10855	B. P. Pradere, B.Delporte, G.Manach, Q.Khene, Z. E.Moulin, M.Roumiguie, M.Rizk, J.Brichart, N.Beauval, J. B.Cormier, L.Bex, A.Roupret, M.Bruyere, F.Bensalah, K., Intraoperative Cyst Rupture during Partial Nephrectomy for Cystic Renal Masses-Does it Increase the Risk of Recurrence?. Journal of Urology. 2018;200(6);1200-1206	3
10856	J. G. Wang, S.Yates, J., Lynch Syndrome-associated Upper Tract Urothelial Carcinoma. Urology. 2018;121;19-21	3
10857	P. L. Mandel, A.Chun, F.Schlomm, T.Pompe, R.Budaus, L.Rosenbaum, C.Ludwig, T.Dahlem, R.Fisch, M.Graefen, M.Huland, H.Tilki, D.Steuber, T., Incidence, Risk Factors, Management, and Complications of Rectal Injuries During Radical Prostatectomy. European Urology Focus. 2018;4(4);554-557	8
10858	R. F. Sharma, N.Zarrinkhoo, E.Towfigh, S., Why we remove mesh. Hernia. 2018;22(6);953-959	5
10859	H. B. Reza Zahiri, I.Park, A., Abdominal Wall Hernia. Current Problems in Surgery. 2018;55(8);286-317	8
10860	F. F. Porpiglia, C.Checcucci, E.Amparore, D.Bertolo, R., Hyperaccuracy Three-dimensional Reconstruction Is Able to Maximize the Efficacy of Selective Clamping During Robot-assisted Partial Nephrectomy for Complex Renal Masses. European Urology. 2018;74(5);651-660	3
10861	X. Z. Zhou, H.Feng, M.Zhao, J.Fu, Y., New remote centre of motion mechanism for robot-assisted minimally invasive surgery 08 Information and Computing Sciences 0801 Artificial Intelligence and Image Processing Kelvin K.L. Wong. BioMedical Engineering Online. 2018;17(1) (no pagination);	2
10862	M. S. S. Kim, S.Kim, S. Y.Song, M. S.Park, J. H., Comparisons of pressure-controlled ventilation with volume guarantee and volume-controlled 1:1 equal ratio ventilation on oxygenation and respiratory mechanics during robot-assisted laparoscopic radical prostatectomy: A randomized-controlled trial. International Journal of Medical Sciences. 2018;15(13);1522-1529	3
10863	A. B. Silvinato, W. M.Santos, L. S., Living donor nephrectomy. Revista da Associacao Medica Brasileira. 2018;64(12);1061-1068	8

10864	P. S. R. Kingo, T. M.Jakobsen, L. K.Palmfeldt, J.Norregaard, R.Borre, M.Jensen, J. B., Robot-assisted laparoscopic cystectomy with intracorporeal urinary diversion vs. open mini-laparotomy cystectomy: evaluation of surgical inflammatory response and immunosuppressive ability of CO<inf>2</inf>-pneumoperitoneum in an experimental porcine study. Scandinavian Journal of Urology. 2018;52(4);249-255	7
10865	L. S. Rossi, A. W.Aluwini, S.Dirkx, M.Breedveld, S.Heijmen, B., First fully automated planning solution for robotic radiosurgery-comparison with automatically planned volumetric arc therapy for prostate cancer. Acta Oncologica. 2018;57(11);1490-1498	3
10866	R. P. H. P. Meier, V.Hagen, M. E.Joliat, C.Buchs, J. B.Nastasi, A.Ruttimann, R.Buchs, N. C.Moll, S.Vallee, J. P.Lazeyras, F.Morel, P.Buhler, L., Intra-Abdominal Cooling System Limits Ischemia-Reperfusion Injury During Robot-Assisted Renal Transplantation. American Journal of Transplantation. 2018;18(1);53-62	7
10867	B. P. Boyd, T.Mishra, K., Fungal lumbosacral osteomyelitis after robotic-assisted laparoscopic sacrocolpopexy. Female Pelvic Medicine and Reconstructive Surgery. 2018;24(6);e46-e48	3
10868	G. P. Simone, R.Misuraca, L.Tuderti, G.Minisola, F.Ferriero, M.Vallati, G.Guaglianone, S.Gallucci, M., Robotic Intracorporeal Padua Ileal Bladder: Surgical Technique, Perioperative, Oncologic and Functional Outcomes. European Urology. 2018;73(6);934-940	3
10869	J. S. Pacelli, S.Rua, S.Houvenaeghel, G.Ngo, C.Bats, A. S.Lecuru, F.Delomenie, M., Gynecologie Obstetrique Fertilite et Senologie. 46(10-11). 2018...Robotic-assisted latissimus dorsi muscle harvest for immediate breast reconstruction;744-746;	3
10870	D. S. K. Schoeb, J.Schlager, D.Muller, P. F.Miernik, A.Bahls, T., Robotic waterjet wound debridement-Workflow adaption for clinical application and systematic evaluation of a novel technology. PLoS ONE. 2018;13(9) (no pagination);	2
10871	L. N. Zorn, F.Zanne, P.Legner, A.Dallemagne, B.Marescaux, J.De Mathelin, M., A Novel Telemanipulated Robotic Assistant for Surgical Endoscopy: Preclinical Application to ESD. IEEE Transactions on Biomedical Engineering. 2018;65(4);797-808	3
10872	A. S. Aloisi, Y.Gardner, G. J.Park, K. J.Elliott, S. L.Zhou, Q. C.Iasonos, A.Abu-Rustum, N. R., Prospective Comparative Study of Laparoscopic Narrow Band Imaging (NBI) Versus Standard Imaging in Gynecologic Oncology. Annals of Surgical Oncology. 2018;25(4);984-990	3
10873	C. P. D. Chung, N. C. T.Wakabayashi, M. T.Dellinger, T. H.Lee, S. J.Han, E. S., Concurrent pelvic reconstruction and minimally invasive pelvic cancer surgery. International Urogynecology Journal. 2018;29(11);1709-1711	3
10874	J. L. Zheng, X.Wei, J.Liu, Y.Wu, G., Short-term quality of life outcomes after robotic versus laparoscopic sphincter preserving resections for rectal cancer. International Journal of Clinical and Experimental Medicine. 2018;11(12);13297-13307	12
10875	D. M. K. Rosenfeld, K. E.Spiro, J. A.Gorlin, A. W.Ramakrishna, H.Trentman, T. L., The effect of ampule size of fentanyl on perioperative intravenous opioid dosing. Journal of Anaesthesiology Clinical Pharmacology. 2018;34(4);513-517	3
10876	A. M. Melamed, D. J.Chen, L.Keating, N. L.Del Carmen, M. G.Yang, J.Seagle, B. L. L.Alexander, A.Barber, E. L.Rice, L. W.Wright, J. D.Kocherginsky, M.Shahabi, S.Rauh-Hain, J. A., Survival after minimally invasive radical hysterectomy for early-stage cervical cancer. New England Journal of Medicine. 2018;379(20);1905-1914	3
10877	A. D. Angelou, C.Garmpis, N.Margonis, G. A.Dimitroulis, D.Antoniou, E. A., An analysis of the iatrogenic biliary injury after robotic cholecystectomy. Current data and future considerations. European Review for Medical and Pharmacological Sciences. 2018;22(18);6072-6076	8

10878	T. G.-U. Avnon, L.Ostrovsky, L.Michaan, N.Raz, Y.Grisaru, D., Robotic radical trachelectomy with sentinel lymph node mapping using ICG in early cervical cancer - A brief report. European Journal of Gynaecological Oncology. 2018;39(6);881-883	3
10879	B. H. Sarfati, J. F.Leymarie, N.Rimareix, F.Al Khashnam, H.Kolb, F., Robotic da Vinci Xi-assisted nipple-sparing mastectomy: First clinical report. Breast Journal. 2018;24(3);373-376	3
10880	H. M. Zhou, X.Pan, J.Shuai, H.Liu, S.Luo, X.Li, R., Effects of transversus abdominis plane blocks after hysterectomy: A meta-analysis of randomized controlled trials. Journal of Pain Research. 2018;11;2477-2489	8
10881	O. T. G. Filippova, H. E.McElrath, T. J.Kredentser, D. C.Timmins, P. F.Barlin, J. N., Preoperative diagnosis and outcomes of leiomyosarcoma: An 8-year experience at a single community-based gynecologic oncology practice. Journal of Reproductive Medicine. 2018;63(6);495-500	2
10882	C. A. C. Green, H.O'Sullivan, P. S., Current robotic curricula for surgery residents: A need for additional cognitive and psychomotor focus. American Journal of Surgery. 2018;215(2);277-281	3
10883	Z. C. H. Karakoc, U., Zero surgical site infection in primary knee arthroplasty with multidisciplinary intervention: Is it possible?. Infezioni in Medicina. 2018;26(1);15-21	3
10884	J. L. S. Laratta, J. N.Lombardi, J. M.Alrabaa, R. G.Benkli, B.Fischer, C.Lenke, L. G.Lehman, R. A., Accuracy of S2 Alar-Iliac Screw Placement Under Robotic Guidance. Spine Deformity. 2018;6(2);130-136	5
10885	M. B. Gachabayov, J.Cosgrove, J. M.Bergamaschi, R., Tumor thrombosis of the inferior mesenteric vein in a patient with rectal cancer. Techniques in Coloproctology. 2018;22(7);555-556	3
10886	P. M. T. de Groot, M. T.Godoy, M. C. B., Postoperative Imaging and Complications in Resection of Lung Cancer. Seminars in Ultrasound, CT and MRI. 2018;39(3);289-296	8
10887	C. K. Li, N. K. K.Ren, H., A Skull-Mounted Robot with a Compact and Lightweight Parallel Mechanism for Positioning in Minimally Invasive Neurosurgery. Annals of Biomedical Engineering. 2018;46(10);1465-1478	3
10888	A. B. S. King, M. D.Jablonski, P.Wanderer, J. P.Sandberg, W. S.McEvoy, M. D., An enhanced recovery program for bariatric surgical patients significantly reduces perioperative opioid consumption and postoperative nausea. Surgery for Obesity and Related Diseases. 2018;14(6);849-856	3
10889	L. J. v. d. L. Kleeblad, J. P.Pearle, A. D.Fragomen, A. T.Rozbruch, S. R., Predicting the Feasibility of Correcting Mechanical Axis in Large Varus Deformities With Unicompartmental Knee Arthroplasty. Journal of Arthroplasty. 2018;33(2);372-378	3
10890	M. R. Ballester, H., Surgical management of deep endometriosis with colorectal involvement: CNGOF-HAS Endometriosis Guidelines. Gynecologie Obstetrique Fertilite et Senologie. 2018;46(3);290-295	8
10891	F. F. Porpiglia, C.Checcucci, E.Pecoraro, A.Di Dio, M.Bertolo, R., Selective clamping during laparoscopic partial nefrectomy: The use of near infrared fluorescence guidance. Minerva Urologica e Nefrologica. 2018;70(3);326-332	2
10892	S. K. Togami, T.Fukuda, M.Yanazume, S.Kamio, M.Kobayashi, H., Prospective study of sentinel lymph node mapping for endometrial cancer. International Journal of Gynecology and Obstetrics. 2018;143(3);313-318	3

10893	G. G. Marra, P.Brattoli, M.Filippini, C.Capitanio, U.Montorsi, F.Daneshmand, S.Huang, W. C.Linares Espinos, E.Martinez-Salamanca, J. I.McKiernan, J. M.Zigeuner, R.Libertino, J. A., Is imperative partial nephrectomy feasible for kidney cancer with venous thrombus involvement? Outcomes of 42 cases and matched pair analysis with a large radical nephrectomy cohort. Urologic Oncology: Seminars and Original Investigations. 2018;36(7);339.e1-339.e8	3
10894	R. B. K. Ross, S. A.Reddy, C. A.Houston, N.Geiger, J. L.Woody, N. M.Joshi, N. P.Greskovich, J. F.Burkey, B. B.Scharpf, J.Lamarre, E. D.Prendes, B.Lorenz, R. R.Adelstein, D. J.Ward, M. C., A matched comparison of human papillomavirus-induced squamous cancer of unknown primary with early oropharynx cancer. Laryngoscope. 2018;128(6);1379-1385	3
10895	A. F. T. Mahmoud, E. R., Upper airway stimulation therapy and prior airway surgery for obstructive sleep apnea. Laryngoscope. 2018;128(6);1486-1489	2
10896	V. H. Melnyk, P. J.Subramaniam, K.Badhwar, V.Esper, S. A., Complex Considerations and Anesthetic Management in Patient With Multiple Intracardiac Myxomas. Journal of Cardiothoracic and Vascular Anesthesia. 2018;32(3);1374-1376	3
10897	M. A. P. Ellis, M. B.Dorris, H. D.Pearson, W. G.Brown, J. J., Computational analysis of swallowing mechanics after surgery for obstructive sleep apnea. Ear, Nose and Throat Journal. 2018;97(4-5);122-127	2
10898	K. V. P. Decaestecker, B.Van Besien, J.Doumerc, N.Desender, L.Randon, C.De Ryck, F.Tailly, T.Beysens, M.Van Haute, C.Ponette, D.De Man, K.Hoebeke, P.Vermassen, F., Robot-assisted Kidney Autotransplantation: A Minimally Invasive Way to Salvage Kidneys. European Urology Focus. 2018;4(2);198-205	3
10899	K. H. Zhang, X.Gao, Y.Liang, W.Xi, H.Cui, J.Li, J.Zhu, M.Liu, G.Zhao, H.Hu, C.Liu, Y.Qiao, Z.Wei, B.Chen, L., Robot-Assisted Versus Laparoscopy-Assisted Proximal Gastrectomy for Early Gastric Cancer in the Upper Location: Comparison of Oncological Outcomes, Surgical Stress, and Nutritional Status. Cancer Control. 2018;25;	12
10900	M. P. R. Rai, M. S.Nemakayala, D. R.Marinas, E. B., Endometrial Adenocarcinoma with Pulmonary Recurrence. BMJ Case Reports. 2018;2018 (no pagination);	3
10901	G. H. v. W. KleinJan, E.van den Berg, N. S.Karakullukcu, M. B.Zijlmans, H. J. M. A. A.van der Hage, J. A.van de Wiel, B. A.Buckle, T.Klop, W. M. C.Horenblas, S.Valdes Olmos, R. A.van der Poel, H. G.van Leeuwen, F. W. B., The best of both worlds: a hybrid approach for optimal pre- and intraoperative identification of sentinel lymph nodes. European Journal of Nuclear Medicine and Molecular Imaging. 2018;45(11);1915-1925	3
10902	J. B. Agzarian, A.Srinathan, S.Devereaux, P. J.Neary, J.Decher, W.Gandy, L.Schneider, L.Finley, C. J.Schieman, C.Hannaa, W. C.Shargall, Y., The effect of colchicine administration on postoperative pleural effusion following lung resection: A randomized blinded placebo-controlled feasibility pilot study. European Journal of Cardio-thoracic Surgery. 2018;53(4);822-827	2
10903	S. C. Park, Y.Lee, J.Koh, Y. W.Kim, S. H.Choi, E. C.Kim, H. R.Keum, K. C.Park, K. R.Lee, C. G., Survival and functional outcome after treatment for primary base of tongue cancer: A comparison of definitive chemoradiotherapy versus surgery followed by adjuvant radiotherapy. Cancer Research and Treatment. 2018;50(4);1214-1225	2
10904	J. L. P. Lagarto, J. E.Faller, L.Ma, D.Unger, J.Bec, J.Griffey, S.Sorger, J.Farwell, D. G.Marcu, L., Electrocautery effects on fluorescence lifetime measurements: An in vivo study in the oral cavity. Journal of Photochemistry and Photobiology B: Biology. 2018;185;90-99	2
10905	L. J. B. Millar, M.Rowe, P. J.Blyth, M.Jones, B.Maclean, A., O 017 - A five-year follow up of gait in robotic assisted vs conventional unicompartmental knee arthroplasty. Gait and Posture. 2018;65(Supplement 1);31-32	8

10906	H. M.-F. Planque, S.Lequesne, J.Le Brun, J. F., Robotic surgery in endometrial cancer: Feasibility in obese patients. Gynecologie Obstetrique Fertilite et Senologie. 2018;46(9);625-631	3
10907	J. Y. L. N. Low, M.Zirafa, C.Melfi, F., A surprise aberrant pulmonary vein. Interactive Cardiovascular and Thoracic Surgery. 2018;26(2);367	3
10908	B. S. Pochulu, O.Peillon, C.Baste, J. M., Robot-assisted ligation of bronchial artery could be an alternative to embolization. European Journal of Cardio-thoracic Surgery. 2018;53(3);686-688	3
10909	G. Y. V. Marfina, K. B.Avetisian, A. O.Starshinova, A. A.Kudriashov, G. G.Sokolovich, E. G.Yablonskii, P. K., Bilateral cavitary multidrug- or extensively drug-resistant tuberculosis: Role of surgery. European Journal of Cardio-thoracic Surgery. 2018;53(3);618-624	2
10910	R. H. Miller, J. E., Reported rates of clostridium difficile following radical cystectomy in national datasets compared to individual institutions. Urologic Oncology: Seminars and Original Investigations. 2018;36(12);526.e7-526.e11	8
10911	C. J. Z. Rieser, M.Hamad, A.Al Abbas, A. I.Bahary, N.Zureikat, A. H.Zeh, H. J.Hogg, M. E., CA19-9 on Postoperative Surveillance in Pancreatic Ductal Adenocarcinoma: Predicting Recurrence and Changing Prognosis over Time. Annals of Surgical Oncology. 2018;25(12);3483-3491	2
10912	R. P. S. Werntz, P.Gillis, K.Kapadia, A.Jiang, D.Amling, C.Barry, J. M., A Simple Neobladder Using a Porcine Model: The Double Limb U-Pouch. Urology. 2018;114;198-201	7
10913	M. L. Gn, Z.Strauss, D.Eun, D., Robotic Appendiceal Interposition With Right Lower Pole Calycostomy, Downward Nephropexy, and Psoas Hitch for the Management of an Iatrogenic Near-complete Ureteral Avulsion. Urology. 2018;113;e9-e10	3
10914	R. M. H. Johnson, L. M.Anderson, S. R., The Adjunctive Use of Biologically Engineered Products in Plastic Surgery Practice. Journal of the American College of Clinical Wound Specialists. 2016;8(1-3);44660	8
10915	Y. C. Li, P.Liu, Y.Yang, G. Z.Giannarou, S., Context aware decision support in neurosurgical oncology based on an efficient classification of endomicroscopic data. International Journal of Computer Assisted Radiology and Surgery. 2018;13(8);1187-1199	2
10916	M. I. Matsuda, N.Mataki, Y.Mutsuzaki, H.Yoshikawa, K.Takahashi, K.Enomoto, K.Sano, K.Kubota, A.Nakayama, T.Nakayama, J.Ohguro, H.Mizukami, M.Tomita, K., Robot-assisted training using Hybrid Assistive Limb for cerebral palsy. Brain and Development. 2018;40(8);642-648	2
10917	S. S. Perie, J.Kim, H. Y.Dralle, H.Randolph, G. W., International consensus (ICON) on comprehensive management of the laryngeal nerves risks during thyroid surgery. European Annals of Otorhinolaryngology, Head and Neck Diseases. 2018;135(1 Supplement);S7-S10	8
10918	R. D. K. Slight, G.Stamenkovic, S., Sequential robotic-assisted lung resection with a subxiphoid utility incision. Asian Cardiovascular and Thoracic Annals. 2018;26(5);404-406	3
10919	F. S. Rondelli, R.Stella, P.Bugiantella, W.Ceccarelli, G.Balzarotti, R. C.De Rosa, M.Avenia, N., A New Surgical Device for Anterograde Intraoperative Rectal Washout. Surgical Innovation. 2018;25(3);203-207	3
10920	J. K. G. Chan, A. B.Mann, A. K.Kapp, D. S., Hospital-acquired conditions after surgery for gynecologic cancer - An analysis of 82,304 patients. Gynecologic Oncology. 2018;150(3);515-520	2

10921	S. S. C. Fu, M. M.Ghaderi, I.Galvani, C. A., Robotic-assisted simultaneous repair of paraesophageal hernia and morgagni hernia: Technical report. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2018;28(6);745-750	3
10922	W. L. Chi, J.Rafii-Tari, H.Riga, C.Bicknell, C.Yang, G. Z., Learning-based endovascular navigation through the use of non-rigid registration for collaborative robotic catheterization. International Journal of Computer Assisted Radiology and Surgery. 2018;13(6);855-864	3
10923	L. H. Mordasini, L.Diener, P. A.Diebold, J.Mattei, A.Engeler, D.Mullhaupt, G.Kim, S. K.Schmid, H. P.Abt, D., Prostatic Artery Embolization in the Treatment of Localized Prostate Cancer: A Bicentric Prospective Proof-of-Concept Study of 12 Patients. Journal of Vascular and Interventional Radiology. 2018;29(5);589-597	3
10924	L. K. Dong, Y. K.An, X. G., Short-term and mid-term clinical outcomes following hybrid coronary revascularization versus off-pump coronary artery bypass: A meta-analysis. Arquivos Brasileiros de Cardiologia. 2018;110(4);321-330	8
10925	M. D. Augello, W.Nuss, K.Cattin, P.Jurgens, P., Comparative microstructural analysis of bone osteotomies after cutting by computer-assisted robot-guided laser osteotome and piezoelectric osteotome: an in vivo animal study. Lasers in Medical Science. 2018;33(7);1471-1478	7
10926	S. J. K. Baek, J. M.Kim, J.Kim, S. H.Park, S., Robotic rectal surgery in Korea: Analysis of a nationwide registry. International Journal of Medical Robotics and Computer Assisted Surgery. 2018;14(3) (no pagination);	4
10927	M. S. Baek, M. S.Au, J. K.Huang, G. O.Elizondo, R. A.Puttmann, K.Janzen, N. K.Seth, A.Roth, D. R.Koh, C. J., Quantifying the Additional Difficulty of Pediatric Robot-Assisted Laparoscopic Re-Do Pyeloplasty: A Comparison of Primary and Re-Do Procedures. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2018;28(5);610-616	3
10928	D. Y. S. Kim, D. S.Kim, J. H.Kim, Y. M.Kim, Y. T.Nam, J. H., The efficacy of sentinel lymph node mapping with indocyanine green in cervical cancer. World Journal of Surgical Oncology. 2018;16(1) (no pagination);	2
10929	K. B. Slosarek, B.Wendykier, J.Grzadziel, A.Fogliata, A.Cozzi, L., In silico assessment of the dosimetric quality of a novel, automated radiation treatment planning strategy for linac-based radiosurgery of multiple brain metastases and a comparison with robotic methods. Radiation Oncology. 2018;13(1) (no pagination);	3
10930	A. S. Rolston, R. J.Kevin Reynolds, R.Rice, L. W.Uppal, S., Factors associated with outcomes and inpatient 90-day cost of care in endometrial cancer patients undergoing hysterectomy - implications for bundled care payments. Gynecologic Oncology. 2018;150(1);106-111	3
10931	A. I. A. Aviles-Rivero, S. M.Casals, A., Sliding to predict: vision-based beating heart motion estimation by modeling temporal interactions. International Journal of Computer Assisted Radiology and Surgery. 2018;13(3);353-361	3
10932	G. P. Ferrandina, E.Gallotta, V.Gambacorta, M. A.Autorino, R.Turco, L. C.Macchia, G.Cosentino, F.Gui, B.Mattoli, M. V.Ronzino, G.Valentini, V.Scambia, G., Neo-adjuvant platinum-based chemotherapy followed by chemoradiation and radical surgery in locally advanced cervical cancer (Lacc) patients: A phase II study. European Journal of Surgical Oncology. 2018;44(7);1062-1068	3
10933	B. K. Kayani, S.Pietrzak, J. R. T.Tahmassebi, J.Haddad, F. S., Robotic-arm assisted total knee arthroplasty is associated with improved early functional recovery and reduced time to hospital discharge compared with conventional jig-based total knee arthroplasty. Bone and Joint Journal. 2018;100B(7);930-937	12
10934	G. E. V. Sarty, L., Magnetic resonance imaging with RF encoding on curved natural slices. Magnetic Resonance Imaging. 2018;46;47-55	3

10935	Y. M. L. Jin, S. S.Chen, J.Chen, Y. N.Ren, C. C., Robotic radical hysterectomy is superior to laparoscopic radical hysterectomy and open radical hysterectomy in the treatment of cervical cancer. PLoS ONE. 2018;13(3) (no pagination);	8
10936	E. P. Fomekong, J.Raftopoulos, C., Comparative Cohort Study of Percutaneous Pedicle Screw Implantation without Versus with Navigation in Patients Undergoing Surgery for Degenerative Lumbar Disc Disease. World Neurosurgery. 2018;111;e410-e417	3
10937	K. S. Sridharan, G., Prostatectomies for localized prostate cancer: a mixed comparison network and cumulative meta-analysis. Journal of robotic surgery. 2018;12(4);633-639	8
10938	H. L. R. Etienne, M.Giol, M.Debrosse, D.Khalife, T.Camuset, J.Assouad, J., Standards in surgical treatment of non-small cell lung cancer. Revue des Maladies Respiratoires Actualites. 2018;10(3);275-284	8
10939	M. L. P. Wroclawski, G. A.Moschovas, M. C.Carneiro, A.Borrelli, M.Colombo, J. R., Robot-Assisted Nephropexy. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(5);1047-1048	3
10940	L. C. L. Goncalves, F. M.Rosa, R., Robotic adenomectomy using a laparoscopic dissector. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(5);1051	3
10941	A. H.-D. Gastecka, A.Hejka, P.Adamczyk, P.Pokrywczynska, M.Kloskowski, T.Mikolajczak, W.Drewa, T., Cost comparison of laparoscopic versus robot-assisted radical cystectomy. Health Policy and Technology. 2018;7(4);420-426	4
10942	E. S. Weitman, M.Marescaux, J.Martin, T. R.Ballantyne, G. H., Reprints of: Robotic colorectal surgery: Evolution and future. Seminars in Colon and Rectal Surgery. 2018;29(4);228-236	8
10943	B. O. L. Yang, C.Zheng, W.Liu, S.Huang, K., Reconstructing a 3D heart surface with stereo-endoscope by learning eigen-shapes. Biomedical Optics Express. 2018;9(12);6222-6236	2
10944	J. K. Moon, M.Park, J. S.Lee, J.Mun, J. H., Terra firma-forme dermatosis developed after thyroidectomy: Clinical and dermoscopic features. Annals of Dermatology. 2018;30(4);499-501	8
10945	K. G. Kolontarev, A.Kasyan, G.Rasner, P.Vasiliev, A.Pushkar, D., Extended robotic salvage lymphadenectomy in patients with 'node-only' prostate cancer recurrence: Initial experience. Central European Journal of Urology. 2018;71(2);162-167	3
10946	Z. S. Schuessler, H.Strohaber, J., Robotic-assisted hysterectomy in a community hospital after seven years of experience. Laparoscopic, Endoscopic, and Robotic Surgery. 2018;1(2);42-45	13
10947	P. P. A. Luke, S.Alharbi, B.Sharma, H.Sener, A., First Canadian experience with robotic laparoendoscopic single-site vs. standard laparoscopic living-donor nephrectomy: A prospective comparative study. Canadian Urological Association Journal. 2018;12(11);E440-E446	1
10948	R. Grimalt, Non-scarring alopecia: Diagnosis and treatment. Nederlands Tijdschrift voor Dermatologie en Venereologie. 2018;28(3);44782	8
10949	B. B. Kuehlmann, R.Kosaric, N.Prantl, L., Capsular fibrosis in aesthetic and reconstructive-cancer patients: A retrospective analysis of 319 cases. Clinical Hemorheology and Microcirculation. 2018;70(2);191-200	3
10950	J. A. Smith, This Month in Adult Urology. Journal of Urology. 2018;199(3);583-585	8

10951	D. C. Ragoori, M.Kondakindi, P. R.Bendigeri, M. T.Enganti, B.Ghouse, S. M., Upper ureteric stricture secondary to celiac plexus block managed by robotic ureterocalicostomy. Journal of Endourology Case Reports. 2018;4(1);183-185	3
10952	A. V. J. Badri, R.Patel, P.Eun, D. D., Renal Endometriosis: The Case of an Endometrial Implant Mimicking a Renal Mass. Journal of Endourology Case Reports. 2018;4(1);176-178	3
10953	K. G. Omar, C.Rottenberg, G.O'Brien, T. S.Thomas, K.Thurairaja, R.Khan, M. S., A prospective study of the utility of a routine 'loopogram' at three months for the early detection of anastomotic stricture post-cystectomy and conduit urinary diversion. Journal of Clinical Urology. 2018;11(6);422-428	3
10954	R. G. Bertolo, J.Dagenais, J.Sagalovich, D.Kaouk, J. H., Single Session of Robotic Human Cadaver Training: The Immediate Impact on Urology Residents in a Teaching Hospital. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2018;28(10);1157-1162	7
10955	A. C. M. North, P. H.Fang, R.Sener, A.McNeil, B. K.Franc-Guimond, J.Meeks, W. D.Schlossberg, S. M.Gonzalez, C.Clemens, J. Q., Burnout in Urology: Findings from the 2016 AUA Annual Census. Urology Practice. 2018;5(6);489-494	2
10956	R. P. M. Terlecki, N. L.Inman, B. A., Trends in Urological Referral Patterns: A Study of Community and University Urologists in the United States. Urology Practice. 2018;5(6);480-488	8
10957	T. C. Peak, A.Coon, G.Hemal, A., Semi-competing risk model to predict perioperative and oncologic outcomes after radical cystectomy. Therapeutic Advances in Urology. 2018;10(11);317-326	3
10958	C. C. L. Liao, Y. C.Tai, H. C.Chen, C. H.Pu, Y. S.Huang, C. Y., Oncological outcomes of high-risk prostate cancer patients between robot-assisted laparoscopic radical prostatectomy and laparoscopic radical prostatectomy in Taiwan. Urological Science. 2018;29(1);43-48	12
10959	G. A. A. Feuer, C. S.Glasgow, M. A.Salmieri, S. S.Lakhi, N. A., Robotic-assisted colorectal procedures in a gynecologic oncology setting. European Journal of Gynaecological Oncology. 2018;39(5);718-723	3
10960	A. P. S. Ganpule, A. G.Islam, M. R.Sonawane, P.Sabnis, R. B.Desai, M. R., Robotic buccal mucosa graft ureteroplasty (inlay and onlay) for upper ureteric stricture: Point of technique. Journal of Minimal Access Surgery. 2018;14(4);357-361	3
10961	K. Panesar, Oropharyngeal squamous cell carcinoma. U.S. 2018;Pharmacist. 43(8);HS2-HS6	2
10962	P. B. Hillemanns, S.Holthaus, B.Lampe, B.Runnebaum, I.Ulrich, U.Wallwiener, M.Solomayer, E.Fehm, T.Tempfer, C., Comment on the LACC Trial Investigating Early-stage Cervical Cancer by the Uterus Commission of the Study Group for Gynecologic Oncology (AGO) and the Study Group for Gynecologic Endoscopy (AGE) of the German Society for Gynecology and Obstetrics (DGGG). Geburtshilfe und Frauenheilkunde. 2018;78(8);766-767	8
10963	L. P. Mereu, A.Carlin, R.Terreno, E.Prasciolu, C.Tateo, S., Feasibility of sentinel lymph node fluorescence detection during robotic laparoendoscopic single-site surgery in early endometrial cancer: a prospective case series. Gynecological Surgery. 2018;15(1) (no pagination);	3
10964	S. J. C. Tan, C. H.Yeh, S. D.Lin, Y. H.Tzeng, C. R., Pregnancy following robot-assisted laparoscopic partial cystectomy and gonadotropin-releasing hormone agonist treatment within three months in an infertile woman with bladder endometriosis. Taiwanese Journal of Obstetrics and Gynecology. 2018;57(1);153-156	3
10965	G. P. Melich, A.Shoela, R.Kochar, K.Patel, S.Park, J.Prasad, L.Marecik, S., Rectal dissection simulator for da Vinci surgery: Details of simulator manufacturing with evidence of construct, face, and content validity. Diseases of the Colon and Rectum. 2018;61(4);514-519	2

10966	S. K. K. Warrier, J. C.Guerra, G. R.Chittleborough, T. J.Naik, A.Ramsay, R. G.Lynch, A. C.Heriot, A. G., Risk factors associated with circumferential resection margin positivity in rectal cancer: A binational registry study. Diseases of the Colon and Rectum. 2018;61(4);433-440	3
10967	N. C. L. Huang, H. C.Huang, Y. T.Wu, Z. F., Delayed subcutaneous emphysema in an acute weight loss female following robotic surgery. Journal of Medical Sciences (Taiwan). 2018;38(4);188-191	3
10968	C. Y. L. Lim, K. H.Huang, K. H.Liu, C. L.Chiu, A., Robot-assisted retroperitoneoscopic partial nephrectomy: Comparison of the 3-arm and 4-arm method. Urological Science. 2018;29(4);193-197	3
10969	T. K. K. Ha, D. W.Park, H. K.Shin, G. W.Heo, Y. J.Baek, J. W.Lee, Y. J.Choo, H. J.Kim, D. H.Jung, S. J.Park, J. S.Moon, S. H.Ahn, K. J.Baek, H. J.Kang, T., Comparison of postoperative neck pain and discomfort, swallowing difficulty, and voice change after conventional open, endoscopic, and robotic thyroidectomy: A single-center cohort study. Frontiers in Endocrinology. 2018;9(JUL) (no pagination);	12
10970	D. P. P. Sellman, L.Simpson, G.Lancaster, K.Kavuri, S.Terris, M.Madi, R., Collision metastasis of prostatic adenocarcinoma and urothelial carcinoma of the bladder. Urology Annals. 2018;10(3);342-344	3
10971	D. K. Dutta, S.Sudahar, H.Muthukumaran, M.Ramkumar, T.Govindraj, J., Robotic radiosurgery treatment in liver tumors: Early experience from an Indian center. South Asian Journal of Cancer. 2018;7(3);175-182	2
10972	B. M. G. Dropkin, G. A.Reisz, P. A.Penson, D. F.Hsi, R. S., Fibromyxoid nephrogenic adenoma in the ureter. Journal of Endourology Case Reports. 2018;4(1);97-99	3
10973	R. L. Jabaji, V.Banapour, P.Huang, G. O.Finley, D. S., Robotic partial cystectomy for venous malformation of the bladder. Urology Case Reports. 2018;20;65-66	3
10974	A. B. Khanna, G. S.Gorsi, U.Sharma, A. P.Mavuduru, R. S., Exophytic benign prostatic hyperplasia presenting with refractory retention: A rare entity. Indian Journal of Urology. 2018;34(3);229-230	3
10975	T. L. L. Luk, W. H.Ngai, C. M., Merkel cell carcinoma of the tongue base. Surgical Practice. 2018;22(3);141-144	3
10976	M. P. N. Kim, D. T.Chan, E. Y.Meisenbach, L. M.Kopas, L. M.Graviss, E. A.Lumsden, A. B.Gupta, N., Computed tomography criteria for the use of advanced localization techniques in minimally invasive thoracoscopic lung resection. Journal of Thoracic Disease. 2018;10(6);3390-3398	2
10977	K. D. Olson, L.Stringel, G.Da Dong, X., Early onset colon cancer affected by Lynch syndrome. Journal of Pediatric Surgery Case Reports. 2018;36;13-15	5
10978	Y. S. T. Wong, Y. H.Pang, K. K. Y.Chan, S. S. C.Chu, W. C. W., Robotic repair of congenital vesicovaginal fistula masquerading as a ureterocele in a 10-year-old girl. Urology Case Reports. 2018;20;48-50	3
10979	L. W. Xue, A.Gaines, S.Andolfi, C.Paul-Olson, T.Neerukonda, A.Steinhagen, E.Smith, R.Cannon, L. M.Polite, B.Umanskiy, K.Hyman, N., An Update on Colorectal Cancer. Current Problems in Surgery. 2018;55(3);76-116	8
10980	J. G. Lee, D.Aphinyanaphongs, Y.Curtin, J. P.Boyd, L. R., Laparoscopy decreases the disparity in postoperative complications between black and white women after hysterectomy for endometrial cancer. Gynecologic Oncology. 2018;149(1);22-27	3
10981	M. D. B. Spaggiari, C.Di Cocco, P.Furno, S.Benedetti, E.Tzvetanov, I., Emergency Kidney Transplantation in Recipients With Iliocaval Thrombosis Using Splenic Vessel Anastomosis After Splenectomy: A Case Series. Transplantation Proceedings. 2018;50(1);99-103	3

10982	M. A. T. Borahay, O. L.Alanbay, I.Kilic, G. S., Outcomes of robotic, laparoscopic, and open hysterectomy for benign conditions in obese patients. Journal of the Turkish-German Gynecological Association. 2018;19(2);72-77	13
10983	P. B. Sundar, P.Pooleri, G. K., Castleman's Disease: a Suprarenal Surprise!. Indian Journal of Surgical Oncology. 2018;9(2);254-255	3
10984	A. R. Giannini, E.Mannella, P.Morelli, L.Perutelli, A.Cela, V.Melfi, F.Simoncini, T., Early Experience Using New Integrated Table Motion for the da Vinci Xi in Gynecologic Surgery: Feasibility, Safety, Efficacy. Journal of Gynecologic Surgery. 2018;34(3);144-149	5
10985	M. A. G. Ward, B.Tabchouri, N.Moisan, F.Donatelli, G.Stattner, S.Fuks, D., Technical advances and future perspectives in liver surgery. European Surgery - Acta Chirurgica Austriaca. 2018;50(3);137-141	8
10986	J. V. Sandoval, P.Poisson, G., Generalized Framework for Control of Redundant Manipulators in Robot-Assisted Minimally Invasive Surgery. Irbm. 2018;39(3);160-166	3
10987	Z. L. Li, J.Li, B.Bai, B.Liu, Y.Lian, B.Zhao, Q., Robotic versus laparoscopic gastrectomy with D2 lymph node dissection for advanced gastric cancer: A propensity score-matched analysis. Cancer Management and Research. 2018;10;705-714	12
10988	F. B. Dal Moro, P.Zattoni, F., Can anastomotic urinary leakage in robotic prostatectomy be considered as a marker of surgical skill?. Central European Journal of Urology. 2018;71(1);21-25	3
10989	P. J. Adamczyk, K.Poblocki, P.Mikolajczak, W.Drewa, T., Robot-assisted radical cystectomy - First Polish clinical outcomes. Central European Journal of Urology. 2018;71(1);14-20	3
10990	E. F. D. Zimmermann, T. J.Crundwell, M. C., Catheter-free nephrectomy: A safe change to routine practice. Journal of Clinical Urology. 2018;11(3);173-177	3
10991	T. L. Pengfei, Q., Research progress in treatment of cervical cancer. Cancer Research and Clinic. 2018;30(3);211-214	8
10992	S. Z. S. Hazell, R. L.Lin, J. Y.Viswanathan, A. N., Adjuvant therapy after radical trachelectomy for stage I cervical cancer. Gynecologic Oncology Reports. 2018;25;15-18	3
10993	N. P. K. Tarangelo, C. A.Daitch, Z.Jiang, W.Quirk, D. M., Synchronous gastric and duodenal metastases from head and neck squamous cell carcinoma: A unique presentation of upper gastrointestinal bleeding. Annals of Gastroenterology. 2018;31(3);381-383	3
10994	H. V. Rahimi, A. C.Obias, V., Successful embolization of a enterocutaneous fistula tract with Onyx 34 following low anterior resection for rectal cancer. Radiology Case Reports. 2018;13(3);728-731	3
10995	F. A. Tramacere, S.Pignatelli, A.Bracci, S.Vinella, M.Portaluri, M., Postoperative hypofractionated radiotherapy for prostate cancer. Anticancer Research. 2018;38(5);2951-2956	3
10996	M. J. K. Riggs, J. K.Miller, C. R., Management of highly differentiated thyroid follicular carcinoma of ovarian origin with a minimally invasive approach. Gynecologic Oncology Reports. 2018;24;87-89	3
10997	M. P. Cancian, J.Renzulli, J. F., Salvage Pelvic Lymph Node Dissection after Fluciclovine Positron Emission Tomography/Computed Tomography Detected Prostate Cancer Recurrence. Journal of Endourology Case Reports. 2018;4(1);59-61	3

10998	S. I. Saito, K.Matsumoto, K.Tajima, M.Goto, T.Ito, H.Manabe, Y.Mishina, M.Okuno, H., Peritoneal tuberculosis after robot-assisted laparoscopic prostatectomy with extended lymph node dissection. Journal of Endourology Case Reports. 2018;4(1);48-50	3
10999	H. J. Smith, N.Carter, A.Watson, M.Singh, A., Post-hysterectomy extrauterine cotyledonoid leiomyoma in a 42-year-old female. Urology Case Reports. 2018;19;16-17	3
11000	A. C. Reed, D.Gillcrist, N.Allam, C., Laparoscopic renal denervation for chronic renal colic in a previous stone forming patient. Urology Case Reports. 2018;19;13-15	3
11001	E. A. C. Gundes, D.Aday, U.Ciyiltepe, H.Bozdag, E.Senger, A. S.Gulmez, S.Deger, K. C.Uzun, O.Polat, E., Gastric cancer with situs inversus totalis: Does it really create difficulties for surgeons. Przeglad Gastroenterologiczny. 2018;13(1);47-51	8
11002	O. N. R. Kryvenko, S., Robotic-assisted laparoscopic vesiculectomy in a patient with atypical Zinner syndrome presenting with large cyst involving bilateral seminal vesicles and vasa deferentia. Urology Case Reports. 2018;18;79-81	3
11003	M. S. W. Hoffman, R.Apte, S.Chon, H. S.Shahzad, M., Simulation of Thermal Bowel Injury during Robotic Surgery Utilizing the Porcine Model. Journal of Gynecologic Surgery. 2018;34(2);74-76	7
11004	A. A. M. Berger, C. E.Cigler, T.Frey, M. K., Palliative hysterectomy for vaginal bleeding from breast cancer metastatic to the uterus. ecancermedicalscience. 2018;12 (no pagination);	3
11005	A. D. Spinelli, G.Gidaro, S.Carvello, M.Sacchi, M.Montorsi, M.Montroni, I., First experience in colorectal surgery with a new robotic platform with haptic feedback. Colorectal Disease. 2018;20(3);228-235	2
11006	P. A. Banapour, K.Chan, R.Tran, V. Q., Recurrent papillary renal cell carcinoma with concomitant ipsilateral upper urinary tract urothelial carcinoma and metachronous urothelial carcinoma of the bladder. Urology Case Reports. 2018;17;59-61	3
11007	J. K. Bleicher, R. D.Hamilton, B.Lau, G.Campsen, J., Backtable ureteroscopy for retrieval of retained stent or stone: A novel technique in renal autotransplant. Urology Case Reports. 2018;17;94-96	3
11008	L. R. Saladi, S.Diaz-Fuentes, G., Unilateral pulmonary artery agenesis: An unusual cause of unilateral ARDS. Respiratory Medicine Case Reports. 2018;23;148-151	3
11009	H. S. Chen, E. A.Khu, M.Tian, Y., Current trends in the management of Mirizzi Syndrome. Medicine (United States). 2018;97(4) (no pagination);	8
11010	N. C. Y. Nguyen, M. K.Tuchayi, A. M.Kirkwood, J. M.Tawbi, H.Mountz, J. M., Targeted therapy and immunotherapy response assessment with F-18 fluorothymidine positron-emission tomography/magnetic resonance imaging in melanoma brain metastasis: A pilot study. Frontiers in Oncology. 2018;8(FEB) (no pagination);	3
11011	A. N. A. k. Ghareep, M.Helmy, A.Francis, W., Asymptomatic isolated hydatid pericardial cyst: Important item in the differential diagnosis list (To be kept in mind). Egyptian Journal of Radiology and Nuclear Medicine. 2017;48(4);865-867	3
11012	I. A. B. Mehdi, B. J.Kamona, A.Lawati, F. R. A.Vennyor, A. J., Non-traumatic avascular necrosis of femoral head in malignant disease: Is it disease induced or treatment related?. Journal of the Pakistan Medical Association. 2018;68(2);310-317	2
11013	B. H. A. Dias, M. S.Dubey, S.Krishnaswamy, S. A.Rao, A. R.Dubey, D., Impact of learning curve on the perioperative outcomes following robot-assisted partial nephrectomy for renal tumors. Indian Journal of Urology. 2018;34(1);62-67	4

11014	B. B. B. Albright, J. D.Passarelli, R.Gysler, S.Whicker, M.Altwerger, G.Menderes, G.Buza, N.Hui, P.Santin, A. D.Azodi, M.Silasi, D. A.Ratner, E. S.Litkouhi, B.Schwartz, P. E., Associated characteristics and impact on recurrence and survival of free-floating tumor fragments in the lumen of fallopian tubes in Type I and Type II endometrial cancer. Gynecologic Oncology Reports. 2018;23;28-33	3
11015	P. P. L. Grimminger, H., Totally Minimally Invasive Esophagectomy and Gastric Pull-Up Reconstruction with an Intrathoracic Circular Stapled Anastomosis with a Team of Two (Surgeon and Assistant Only). Thoracic and Cardiovascular Surgeon. 2018;66(5);401-403	8
11016	A. D. Abello, J. C.Wagner, A. A.Das, A. K., An Unusual Presentation of Metastatic Urothelial Bladder Carcinoma With Rhabdoid Features Presenting as Obstructive Uropathy. Urology. 2018;115;33-35	8
11017	B. E. O. Youngerman, J. Y.Anbarasan, D.Billakota, S.Casadei, C. H.Corrigan, E. K.Banks, G. P.Pack, A. M.Choi, H.Bazil, C. W.Srinivasan, S.Bateman, L. M.Schevon, C. A.Feldstein, N. A.Sheth, S. A.McKhann, G. M.Akman, C. I.Bell, M. W.Cole, J.Hamberger, M. J.Kent, P. F.Krish, S. N.Levy, K. J.Mandel, A. M.Mendiratta, A., Laser ablation is effective for temporal lobe epilepsy with and without mesial temporal sclerosis if hippocampal seizure onsets are localized by stereoelectroencephalography. Epilepsia. 2018;59(3);595-606	3
11018	S. J. Z. Kowalsky, M. S.Dhir, M.Schaefer, E. G.Dopsovic, A.Lee, K. K.Hogg, M. E.Zeh, H. J.Vollmer, C. M.Zureikat, A. H., Postoperative narcotic use is associated with development of clinically relevant pancreatic fistulas after distal pancreatectomy. Surgery (United States). 2018;163(4);747-752	2
11019	M. R. Brunner, H.Gunther, K.Grutzmann, R.Matzel, K. E., Ventral rectopexy with biological mesh: short-term functional results. International Journal of Colorectal Disease. 2018;33(4);449-457	12
11020	A. H. Aziz, S., Coil Embolization of a Renal Aneurysm Using a Minimally Invasive Endovascular Robotic System. Vascular and Endovascular Surgery. 2018;52(3);207-211	3
11021	E. A. Archavlis, N.Kantelhardt, S. R.Giese, A., Rates of Upper Facet Joint Violation in Minimally Invasive Percutaneous and Open Instrumentation: A Comparative Cohort Study of Different Insertion Techniques. Journal of Neurological Surgery, Part A: Central European Neurosurgery. 2018;79(1);44569	2
11022	M. G. Ortenzi, R.Baldarelli, M.Cardinali, L.Guerrieri, M., Is the bipolar vessel sealer device an effective tool in robotic surgery? A retrospective analysis of our experience and a meta-analysis of the literature about different robotic procedures by investigating operative data and post-operative course. Minimally Invasive Therapy and Allied Technologies. 2018;27(2);113-118	8
11023	M. P. Remacle, V. M. N., Preliminary experience in transoral laryngeal surgery with a flexible robotic system for benign lesions of the vocal folds. European Archives of Oto-Rhino-Laryngology. 2018;275(3);761-765	3
11024	S. K. Temming, M.Stoelben, E.Hagmeyer, L.Chang, D. H.Frank, K.Hekmat, K.Wolf, J.Baus, W. W.Semrau, R.Baues, C.Marnitz, S., Risk-adapted robotic stereotactic body radiation therapy for inoperable early-stage non-small-cell lung cancer. Strahlentherapie und Onkologie. 2018;194(2);91-97	2
11025	Y. G. Wang, S.Li, Y.Tamiya, T.Song, Y., Design and evaluation of safety operation VR training system for robotic catheter surgery. Medical and Biological Engineering and Computing. 2018;56(1);25-35	2
11026	P. T. Gorphe, S.Kolb, F.Qassemyar, Q., Cervical-transoral robotic oropharyngectomy and thin anterolateral thigh free flap. European Annals of Otorhinolaryngology, Head and Neck Diseases. 2018;135(1);71-74	3

11027	M. C. Colaco, M. K.Terlecki, R. P., Performance of Adult Pyeloplasty Relative to Endourological Management in the Era of Robotic Surgery: Data from the Nationwide Inpatient Sample. Urology Practice. 2018;5(2);120-123	3
11028	S. S. H. Byun, E. C.Kang, S. H.Hong, S. H.Chung, J.Kwon, T. G.Kim, H. H.Kwak, C.Kim, Y. J.Lee, W. K., Sex-Specific Prognostic Significance of Obesity in Nonmetastatic Clear-Cell Renal-Cell Carcinoma in Korea: A Large Multicenter Cohort Analysis. Clinical Genitourinary Cancer. 2018;16(1);e173-e179	2
11029	R. C. Vashistha, D.Shukla, P., Integrated Artificial Intelligence Approaches for Disease Diagnostics. Indian Journal of Microbiology. 2018;58(2);252-255	2
11030	E. C. G.-C. Rodriguez-Merchan, P., Unicompartmental knee arthroplasty: Current indications, technical issues and results. EFORT Open Reviews. 2018;3(6);363-373	3
11031	M. M. Moynihan, A., Retained Needle in the AirSeal Trocar during Robot-Assisted Laparoscopic Radical Prostatectomy: Lessons Learned. Journal of Endourology Case Reports. 2018;4(1);105-107	3
11032	D. A. C.-R. Preciado-Estrella, P.Morales-Montor, J. G.Pacheco-Gahbler, C., Multiple bladder diverticula treated with robotic approach-assisted with cystoscopy. Urology Annals. 2018;10(1);114-117	3
11033	Y. K. Freifeld, P.Chitkara, R.Lee, F.Khemani, P.Bagrodia, A., Metastatic "burned out" seminoma causing neurological paraneoplastic syndrome-not quite "burned out". Frontiers in Neurology. 2018;9(JAN) (no pagination);	3
11034	C. G. M. Eden, D.Soares, R., Urinary continence four weeks following Retzius-sparing robotic radical prostatectomy: The UK experience. Journal of Clinical Urology. 2018;11(1);15-20	3
11035	I. N. Sorokin, J.Rectenwald, J. E.Cadeddu, J. A., Robot-assisted laparoscopic extravascular stent for nutcracker syndrome. Journal of robotic surgery. 2018;12(3);561-565	3
11036	M. V. G. Marino, A.Guarrasi, D., Reseccion robotica del lobulo hepatico caudado: descripcion tecnica y consideraciones iniciales, Robotic resection of the liver caudate lobe: technical description and initial consideration. Cirugia espanola. 2018;96(3);162-168	3
11037	B. K. Balci, G.Calik, B.Akbulut, G., Robotic-Assisted Transthoracic Esophageal Diverticulectomy. JSLS : Journal of the Society of Laparoendoscopic Surgeons. 2018;22;	3
11038	B. G. Rocco, A. A. C.De Lorenzis, E.Davis, J. W.Abbou, C.Breda, A.Erdogru, T.Gaston, R.Gill, I. S.Liatsikos, E.Oktay, B.Palou, J.Piechaud, T.Stolzenburg, J. U.Sun, Y.Albo, G.Villavicencio, H.Zhang, X.Disanto, V.Emiliozzi, P.Pansadoro, V., Live surgery: highly educational or harmful?. World journal of urology. 2018;36(2);171-175	5
11039	D. L. Mattevi, L. G.Vattovani, V.Chiodini, S.Puglisi, M.Malossini, G., First case of robotic laparoendoscopic single-site radical prostatectomy with single-site VesPa platform. Journal of robotic surgery. 2018;12(2);381-385	5
11040	B. P.-L. Radder, G.Kottink, A. I. R.Melendez-Calderon, A.Buurke, J. H.Rietman, J. S., Feasibility of a wearable soft-robotic glove to support impaired hand function in stroke patients. Journal of rehabilitation medicine. 2018;50(7);598-606	2
11041	I. S. Sorokin, S. L.Cadeddu, J. A., Periarterial papaverine to treat renal artery vasospasm during robot-assisted laparoscopic partial nephrectomy. Journal of robotic surgery. 2018;12(1);189-191	3
11042	R. W. Liu, Z. Z.Gao, Y. X.Xu, Y., Application of End-to-end Anastomosis in Robotic Central Pancreatectomy. Journal of visualized experiments : JoVE. 2018;;	3

11043	L. H. C. S. Kim, G. D.Raheem, A. A.Chang, K.Lum, T.Chung, B. H.Choi, Y. D.Rha, K. H., Retzius-sparing robot-assisted radical prostatectomy is safe for patients with prior transurethral prostate surgery. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(4);842-843	3
11044	V. S. Tomulescu, C.Blajut, C.Barbulescu, L.Droc, G.Herlea, V.Popescu, I., Robotic Approach in Benign and Malignant Esophageal Tumors; A Preliminary Seven Case Series. Chirurgia (Bucharest, Romania : 1990). 2018;113(2);202-209	3
11045	J. S. S. N. Chavali, R.Maurice, M. J.Kara, O.Mouracade, P.Dagenais, J.Reese, J.Bayona, P.Haber, G. P.Stein, R. J., Hilar Parenchymal Oversew: a novel technique for robotic partial nephrectomy hilar tumor renorrhaphy. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(1);199	3
11046	B. G. W. Anderson, A. J.Potretzke, A. M.Figenshau, R. S., Retroperitoneal access for robotic renal surgery. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(1);200-201	3
11047	F. H. A. S. Mota Filho, L. F.Sakata, R. E.Ivanovic, R. F.da Silva, M. A. N.Maia, R.Passerotti, C., Robot-assisted single port radical nephrectomy and cholecystectomy: description and technical aspects. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(1);202-203	3
11048	L. I. Cindolo, M.Marchioni, M.Rizzoli, A.Berardinelli, F.Schips, L., Robot-assisted laparoscopic bladder diverticulectomy and greenlight laser anatomic vaporization of the prostate. International braz j urol : official journal of the Brazilian Society of Urology. 2018;44(2);403-404	3
11049	S. H. T. Jassim, R. T.Tomashefski, J., Infarcted neuroendocrine tumor following endobronchial ultrasound guided fine needle aspiration of a pulmonary nodule: Typical versus atypical carcinoid a pathological diagnostic dilemma. Human Pathology: Case Reports. 2017;8;65-68	3
11050	L. A. Brubaker, M.Turkbey, B.Pinto, P.Sidana, A., Encountering "Dropped" Gallstones During Robotic-assisted Laparoscopic Radical Prostatectomy. Urology. 2017;103;e11-e12	3
11051	R. G.-A. Garcia-Roca, S.Tzvetanov, I.Jeon, H.Oberholzer, J.Benedetti, E., Single center experience with robotic kidney transplantation for recipients with BMI of 40 kg/m² or greater: A comparison with the UNOS registry. Transplantation. 2017;101(1);191-196	1
11052	R. K. Gamagami, P., Effect of robotic-assisted resection on lymphadenectomy for rectal cancer. Annals of Oncology. 2017;28(Supplement 3);iii134	8
11053	F. F. Ramponi, C. D.Wilson, M. K., Robotically Assisted Minimally Invasive Off-Pump Coronary Artery Bypass Surgery in a Patient With Permanent Tracheostomy. Heart Lung and Circulation. 2017;26(11);e65-e67	3
11054	K. A. Trandem, M. A.Goh, A. C., Robot-assisted Laparoscopic Resection of Renal Vein Leiomyosarcoma. Urology. 2017;103;e1-e2	3
11055	J. W. H. Collins, A.Adding, C.Nyberg, T.Koupparis, A.Rowe, E.Perry, M.Issa, R.Schumacher, M. C.Wijburg, C.Canda, A. E.Balbay, M. D.Decaestecker, K.Schwentner, C.Stenzl, A.Edeling, S.Pokupic, S.D'Hondt, F.Mottrie, A.Wiklund, P. N., Early Recurrence Patterns Following Totally Intracorporeal Robot-assisted Radical Cystectomy: Results from the EAU Robotic Urology Section (ERUS) Scientific Working Group [figure presented]. European Urology. 2017;71(5);723-726	3
11056	J. J. P. Pariser, S. M.Anderson, B. B.Packiam, V. T.Prachand, V. N.Smith, N. D.Steinberg, G. D., Extended Duration Enoxaparin Decreases the Rate of Venous Thromboembolic Events after Radical Cystectomy Compared to Inpatient Only Subcutaneous Heparin. Journal of Urology. 2017;197(2);302-307	3
11057	H. H. Ahmed, A. S.Dyer, L. L.Fine, R. G.Gitlin, J. S.Schlussel, R. N.Zelkovic, P. F.Palmer, L. S., Robot-assisted Laparoscopic Urachal Excision in Children. Urology. 2017;106;103-106	3
11058	R. B. Ragu, C.Meurette, G., Robotic excision of large retroperitoneal Schwannoma (with video). Journal of visceral surgery. 2017;154(4);297-299	8

11059	S. B. Kumar, K.Panwar, V. K.Singh, S.Murugavaithaianathan, P.Sharma, A. P., Robot assisted calycovesicostomy in solitary giant hydronephrotic kidney: safe and feasible surgical procedure. Journal of robotic surgery. 2017;11(2);251-253	3
11060	V. A. Raveendran, K. T.Koduveli, R. M.John, R., Robotic renal transplant recipient surgery with vaginally inserted allograft. Journal of robotic surgery. 2017;11(4);473-477	3
11061	D. P. M. Verges, A.Weprin, S.Ferenczi, B.Lallas, C. D., Delayed renal artery pseudoaneurysm after robotic partial nephrectomy. Journal of robotic surgery. 2017;11(2);275-277	3
11062	Z. W. Jutric, S.Fong, Y., Prakticky pruvodce pro uspesny rozvoj programu roboticke brisni chirurgie: cesta k realizaci, A practical guide to development of a successful robotic abdominal surgery program: The path to implementation. Rozhledy v chirurgii : mesicnik Ceskoslovenske chirurgicke spolecnosti. 2017;96(2);49-53	3
11063	E. T. Chantalat, G.Leguevaque, P.Delchier, M. C.Vaysse, C.Genre, L., Consequences of delayed diagnosis of acute gastrointestinal intussusception, secondary to endometriosis. Journal of Obstetrics and Gynaecology Research. 2017;43(3);595-598	3
11064	J. F. D. Gummert, A.Falk, V., Anastomotic Devices in Coronary Artery Bypass Grafting. Thoracic and Cardiovascular Surgeon, Supplement. 2017;65(Supplement 03);S179-S182	8
11065	J. A. W. Buza, A. S.Thakkar, S. C.Meere, P.Vigdorchik, J., Navigation and robotics in knee arthroplasty. JBJS Reviews. 2017;5(2) (no pagination);	8
11066	S. H. L. Song, C.Jung, J.Kim, S. J.Park, S.Park, H.Kim, K. S., A comparative study of pediatric open pyeloplasty, laparoscopy-assisted extracorporeal pyeloplasty, and robot-assisted laparoscopic pyeloplasty. PLoS ONE. 2017;12(4) (no pagination);	13
11067	G. A. Vadala, D.Russo, F.Portaccio, I.Rossini, M.Valentini, S.Papalia, R.Denaro, V., A new surgical positioning system for robotic assisted minimally invasive spine surgery and transpedicular approach to the disc. Journal of Biological Regulators and Homeostatic Agents. 2017;31(4 Supplement 1);159-165	3
11068	X. M. Luo, A. J.Pautler, S. E.Schlachta, C. M.Peters, T. M., Vision-Based Surgical Field Defogging. IEEE Transactions on Medical Imaging. 2017;36(10);2021-2030	3
11069	S. T. Z. Kwon, L.Reddy, R. M.Chang, A. C.Orringer, M. B.Brummett, C. M.Lin, J., Evaluation of acute and chronic pain outcomes after robotic, video-assisted thoracoscopic surgery, or open anatomic pulmonary resection. Journal of Thoracic and Cardiovascular Surgery. 2017;154(2);652-659.e1	13
11070	J. S. P. Winoker, D. J.Anastos, H.Waingankar, N.Abaza, R.Eun, D. D.Bhandari, A.Hemal, A. K.Sfakianos, J. P.Badani, K. K., Predicting Complications Following Robot-Assisted Partial Nephrectomy with the ACS NSQIP Universal Surgical Risk Calculator. Journal of Urology. 2017;198(4);803-809	3
11071	P. P. H. Grimminger, E.Lang, H., Robotic-Assisted Ivor Lewis Esophagectomy (RAMIE) with a Standardized Intrathoracic Circular End-to-side Stapled Anastomosis and a Team of Two (Surgeon and Assistant Only). Thoracic and Cardiovascular Surgeon. 2017;66(5);404-406	3
11072	S. C. Arora, L.Tourojman, M.Pucheril, D.Jones, L. R.Rogers, C., Robotic Buccal Mucosal Graft Ureteroplasty for Complex Ureteral Stricture. Urology. 2017;110;257-258	3
11073	R. C. S. Marchand, N.Khlopas, A.Sultan, A. A.Harwin, S. F.Malkani, A. L.Mont, M. A., Patient Satisfaction Outcomes after Robotic Arm-Assisted Total Knee Arthroplasty: A Short-Term Evaluation. Journal of Knee Surgery. 2017;30(9);849-853	12

11074	C. M. S. Russell, S. S.Lebastchi, A. H.Lagisetty, K. H.Mehra, R.Hafez, K. S.Reddy, R. M.Weizer, A. Z., Robotic-assisted Thoracoscopic Transdiaphragmatic Adrenalectomy (RATTA) for Metastatic Renal Cell Carcinoma. Urology. 2017;105;44816	3
11075	F. N. Groenman, C.Huirne, J.van Trotsenburg, M.Trum, H., Robot-assisted laparoscopic colpectomy in female-to-male transgender patients; technique and outcomes of a prospective cohort study. Surgical Endoscopy. 2017;31(8);3363-3369	3
11076	M. N. Takahashi, N.Matsuya, H.Tosha, T.Minagawa, Y.Shimooki, O.Abe, T., Clinical evaluation of complete solo surgery with the "ViKY" robotic laparoscope manipulator. Surgical Endoscopy. 2017;31(2);981-986	2
11077	S. R. C. S. Driessen, E. M.Rodrigues, S. P.van Zwet, E. W.Jansen, F. W., Identification of risk factors in minimally invasive surgery: a prospective multicenter study. Surgical Endoscopy. 2017;31(6);2467-2473	3
11078	M. E. H. Pollard, A. R.Kwon, Y. S.Katsigeorgis, M.Lavery, H. J.Levinson, A.Bernstein, A. N.Collingwood, S. A.Hall, S. J.Samadi, D. B.Jazayeri, S. B., Heterogeneity of Outcomes in D'Amico Intermediate-Risk Prostate Cancer Patients after Radical Prostatectomy: Influence of Primary and Secondary Gleason Score. Oncology Research and Treatment. 2017;40(9);508-514	3
11079	F. A. B. Mistretta, L.Grasso, A. A.Lo Russo, V.Albo, G.De Lorenzis, E.Maggioni, M.Palmisano, F.Dell'Orto, P.Bosari, S.Rocco, B., Extended versus standard pelvic lymphadenectomy during robot-Assisted radical prostatectomy: The role of extended template as an independent predictor of lymph node invasion with comparable morbidity burden. Minerva Urologica e Nefrologica. 2017;69(5);475-485	3
11080	I. K. Tateya, Y. W.Tsang, R. K.Hong, S. S.Uozumi, R.Kishimoto, Y.Sugimoto, T.Holsinger, F. C., Flexible next-generation robotic surgical system for transoral endoscopic hypopharyngectomy: A comparative preclinical study. Head and Neck. 2018;40(1);16-23	7
11081	J. A. McClellan, V.Clayburgh, D., Small bowel obstruction after transoral robotic surgery. Head and Neck. 2018;40(1);E9-E12	3
11082	M. A. W. Horvath, I.Rytkin, E.Doyle, E.Payne, C. J.Thalhofer, T.Berra, I.Solovyeva, A.Saeed, M.Hendren, S.Roche, E. T.del Nido, P. J.Walsh, C. J.Vasilyev, N. V., An Intracardiac Soft Robotic Device for Augmentation of Blood Ejection from the Failing Right Ventricle. Annals of Biomedical Engineering. 2017;45(9);2222-2233	2
11083	K. P. Walsh, B.Amar, D., Segmental Lung Isolation in a Postpneumonectomy Patient Undergoing Contralateral Lung Resection. Journal of Cardiothoracic and Vascular Anesthesia. 2017;31(3);1048-1050	8
11084	Y. D. C. Jung, W. C.Kim, Y. J.Jun, K. H.Chin, H. M., Gastric neuroendocrine tumor mimicking early gastric cancer. Gastrointestinal Endoscopy. 2017;86(4);741-742	3
11085	K. P. Takahashi, A. K.Nagai, S.Safwan, M.Putchakayala, K. G.Kane, W. J.Malinzak, L. E.Denny, J. E.Yoshida, A.Kim, D. Y., Perioperative ketorolac use: A potential risk factor for renal dysfunction after live-donor nephrectomy. Annals of Transplantation. 2017;22;563-569	2
11086	J. C. Kim, M.Adkins, L.Chia, S.DeKlotz, T. R.Boyle, L.Davidson, B., Ectopic parathyroid adenoma in the pyriform sinus. Head and Neck. 2017;39(10);E110-E113	3
11087	P. P. Philouze, J.Poupart, M.Pujo, K.Buiret, G.Ceruse, P., Salvage surgery for oropharyngeal squamous cell carcinomas: A retrospective study from 2005 to 2013. Head and Neck. 2017;39(9);1744-1750	3
11088	S. K. L. Son, N. R.Kang, S. H.Lee, S. H., Safety and effectiveness of robot-assisted versus open radical cystectomy for bladder cancer: A systematic review and meta-analysis. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2017;27(11);1109-1120	8

11089	S. V. T. Lauridsen, H.Jensen, B. T.Neuner, B.Thind, P.Thomsen, T., Complications and health-related quality of life after robot-assisted versus open radical cystectomy: A systematic review and meta-analysis of four RCTs. Systematic Reviews. 2017;6(1) (no pagination);	8
11090	L. V. Montalva, J.Michelet, D.Frade, F.Lardy, H.Vitoux, C.Bonnard, A., Total Laparoscopic Approach for Transhiatal Esophagectomy and Gavriliu's Esophagoplasty in Children with Caustic Esophageal Injuries. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2017;27(10);1085-1090	3
11091	M. S. S. Cavalcanti, A. M.Ho, C.Wang, L.DeLair, D. F.Weigelt, B.Gardner, G.Lichtman, S. M.Hameed, M.Park, K. J., Mixed Mesonephric Adenocarcinoma and High-grade Neuroendocrine Carcinoma of the Uterine Cervix: Case Description of a Previously Unreported Entity with Insights into Its Molecular Pathogenesis. International Journal of Gynecological Pathology. 2017;36(1);76-89	3
11092	Y. D. C. Wang, C. H.Huang, C. P.Wu, H. C.Yang, C. R.Hsieh, P. F., New-generation nephrometry systems: head-to-head comparison of tumor contact surface area and resected and ischemic volume. Urological Science. 2017;28(2);84-88	4
11093	J. H. Wang, Castleman's disease. Urological Science. 2017;28(1);53-55	8
11094	C. C. Chan, A. W.Chen, M.Hsu, J. M.Yang, S.Lin, W. R., A comparative study of laparoscopic and robotic assisted radical prostatectomy performed by a single surgeon. Urological Science. 2017;28(2);71-74	12
11095	M. H. Linter Kapisinska, E.Zavalova, V.Subrt, Z.Kunes, M.Ferko, A., Distribution of metastases in mesorectum is unpredictable: Metastases do not respect tumor localization even in small non-circumferential rectal cancers. European Journal of Surgical Oncology. 2018;44(1);87-92	3
11096	C. K. Park, J. Y.Kim, C.Chang, C. H., Nicardipine Effects on Renal Function during Spine Surgery. Clinical Spine Surgery. 2017;30(7);E954-E958	3
11097	L. C. Xiong, C. B.Chui, C. K.Yu, P.Li, Y., Shared control of a medical robot with haptic guidance. International Journal of Computer Assisted Radiology and Surgery. 2017;12(1);137-147	3
11098	A. B. Munscher, L.Sehner, S.Knaack, S.Gliese, A.Tribius, S.Clauditz, T.Lorincz, B. B., Survival analysis of 287 oropharyngeal squamous cell carcinoma patients in a single institution: a retrospective comparison of two consecutive time intervals with surgical and conservative treatment approaches. European Archives of Oto-Rhino-Laryngology. 2017;274(8);3211-3219	3
11099	A. K. W. Dubin, J.Sullivan, S.Udaltsova, N.Zaritsky, E.Yamamoto, M. P., Minilaparotomy Versus Laparoscopic Myomectomy After Cessation of Power Morcellation: Rate of Wound Complications. Journal of Minimally Invasive Gynecology. 2017;24(6);946-953	2
11100	K. E. Faraj, L.Gupta, A.Seifman, B., Completely Isolated Retroperitoneal Enteric Duplication Cyst with Adenocarcinoma Transformation Managed with Robotic Radical Nephrectomy. Journal of Endourology Case Reports. 2017;3(1);31-33	3
11101	S. T. Kuribayashi, K.Okuda, Y.Kawamura, M.Kishimoto, N.Tanigawa, G.Tsutahara, K.Takao, T.Yamaguchi, S., Robot-Assisted Laparoscopic Prostatectomy in a Prostate Cancer Patient Undergoing Continuous Ambulatory Peritoneal Dialysis. Journal of Endourology Case Reports. 2017;3(1);42-44	3
11102	D. C. Pucheril, B.Dalela, D.Abdollah, F.Laker, S. A.Rogers, C. G., Robot-Assisted Laparoscopic Repair of Extraperitoneal Ureteral Inguinal Hernia with Mesh Placement. Journal of Endourology Case Reports. 2017;3(1);97-100	3
11103	S. C. C. Overley, S. K.Mehta, A. I.Arnold, P. M., Navigation and robotics in spinal surgery: Where are we now?. Clinical Neurosurgery. 2017;80(3 Supplement);S86-S99	8

11104	A. B. M. Smith, P.Sidhom, M.Wong, K.Berry, M.Rincones, O.Forstner, D.Bokey, L.Girgis, A., Prostatectomy versus radiotherapy for early-stage prostate cancer (PREPaRE) study: Protocol for a mixed-methods study of treatment decision-making in men with localised prostate cancer. BMJ Open. 2017;7(11) (no pagination);	8
11105	S. Y. K. Park, D. J.Kang, D. R.Haam, S. J., Learning curve for robotic esophagectomy and dissection of bilateral recurrent laryngeal nerve nodes for esophageal cancer. Diseases of the Esophagus. 2017;30(12);44570	3
11106	R. L. M. Vuorinen, M. M.Nieminen, K.Tomas, E. I.Luukkaala, T. H.Auvinen, A.Maenpaa, J. U., Costs of robotic-assisted versus traditional laparoscopy in endometrial cancer. International Journal of Gynecological Cancer. 2017;27(8);1788-1793	4
11107	S. E. S. Jordan, D.Yu, D.Ferriss, J. S.Hernandez, E.Rubin, S., Blood loss from robotic assisted hysterectomy. Journal of Gynecologic Surgery. 2017;33(2);47-50	13
11108	H. L. Patel, C. T. P.Stephens, R. L.Angelillo, M.Sibley, D. H., Minimally Invasive Redo Mitral Valve Replacement Using a Robotic-Assisted Approach. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2017;12(5);375-377	3
11109	M. C. Ravaioli, E.Furian, L.De Pace, V.Iaria, M.Spagnoletti, G.Salerno, M. P.Giacomoni, A.De Carlis, L.Di Bella, C.Rostand, N. M.Boschiero, L.Pasquale, G.Bosio, A.Collini, A.Carmellini, M.Airoldi, A.Bondonno, G.Ditonno, P.Impedovo, S. V.Beretta, C.Giussani, A.Socci, C.Parolini, D. C.Abelli, M.Ticozzelli, E.Baccarani, U.Adani, G. L.Caputo, F.Buscemi, B.Frongia, M.Solinas, A.Gruttadauria, S.Spada, M.Pinna, A. D.Romagnoli, J., Are there any relations among transplant centre volume, surgical technique and anatomy for donor graft selection? Ten-year multicentric Italian experience on mini-invasive living donor nephrectomy. Nephrology Dialysis Transplantation. 2017;32(12);2126-2131	3
11110	J. H. Buentzel, J.Hinterthaner, M.Schondube, F. A.Straube, C.Roever, C.Emmert, A., Robotic versus thoracoscopic thymectomy: The current evidence. International Journal of Medical Robotics and Computer Assisted Surgery. 2017;13(4) (no pagination);	8
11111	H. D. Feng, D.Ma, T.Zhuang, J.Fu, Y.Lv, Y.Li, L., Development of an in vivo visual robot system with a magnetic anchoring mechanism and a lens cleaning mechanism for laparoendoscopic single-site surgery (LESS). International Journal of Medical Robotics and Computer Assisted Surgery. 2017;13(4) (no pagination);	3
11112	S. M. Motton, A.Chantalat, E., Robot-assisted laparoscopic radical trachelectomy for early stage cervical cancer (with video). Gynecologie Obstetrique Fertilite et Senologie. 2017;45(10);571-572	8
11113	C. C. L. Lin, H. C.Lee, W. Y.Lee, S. T.Wu, C. T., Neurosurgical robotic arm drilling navigation system. International Journal of Medical Robotics and Computer Assisted Surgery. 2017;13(3) (no pagination);	2
11114	W. R. Kerr, P.Pierce, S. G., Accurate 3D reconstruction of bony surfaces using ultrasonic synthetic aperture techniques for robotic knee arthroplasty. Computerized Medical Imaging and Graphics. 2017;58;23-32	2
11115	V. K. B. Yarlagadda, D. G.Gordetsky, J. B.Rais-Bahrami, S., Granular Cell Tumor of the Bladder: A Rare Neoplasm Managed With Robotic Partial Cystectomy Using Near-infrared Filter Guidance. Urology. 2017;103;44753	3
11116	A. B. Hollatz, H. H.Chaney, M. A.Neuburger, P. J.Gerlach, R. M.Guy, T. S., Robotic Mitral Valve Repair With Right Ventricular Pacing-Induced Ventricular Fibrillatory Arrest. Journal of Cardiothoracic and Vascular Anesthesia. 2017;31(1);345-353	3

11117	M. B. Fok, M.Harky, A.Sladden, D.Dimartino, M.Elsyed, H.Howard, C.Knipe, M.Shackcloth, M. J., Video-Assisted Thoracoscopic Versus Robotic-Assisted Thoracoscopic Thymectomy. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2017;12(4);259-264	8
11118	M. S. Kofler, L.Reinstadler, S. J.Dumfarth, J.Kilo, J.Friedrich, G.Schachner, T.Grimm, M.Bonatti, J.Bonaros, N., Robotic Versus Conventional Coronary Artery Bypass Grafting. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2017;12(4);239-246	13
11119	I. A. P. Bowman, I.Kapur, P.Brugarolas, J., Renal Cell Carcinoma With Pulmonary Metastasis and Metachronous Non-Small Cell Lung Cancer. Clinical Genitourinary Cancer. 2017;15(4);e675-e680	2
11120	L. V. Xia, O. G.Predina, J. D.Singhal, S.Guzzo, T. J., Intraoperative Molecular Imaging for Post-Chemotherapy Robot-Assisted Laparoscopic Resection of Seminoma Metastasis: A Case Report. Clinical Genitourinary Cancer. 2017;15(1);e61-e64	5
11121	S. P. Divi, S.Ramos, E.Lee, M. J., The Current Role of Robotic Technology in Spine Surgery. Operative Techniques in Orthopaedics. 2017;27(4);275-282	8
11122	J. F. Buzzi, G.Jansma, J. M.De Momi, E., On the value of estimating human arm stiffness during virtual teleoperation with robotic manipulators. Frontiers in Neuroscience. 2017;11(SEP) (no pagination);	3
11123	J. J. F. J. Van Iersel, H. A.Paulides, T. J. C.Verheijen, P. M.Draaisma, W. A.Consten, E. C. J.Broeders, I. A. M. J., Robot-Assisted Ventral Mesh Rectopexy for Rectal Prolapse: A 5-Year Experience at a Tertiary Referral Center. Diseases of the Colon and Rectum. 2017;60(11);1215-1223	3
11124	S. P. A. Somashekhar, K. R., Robot-assisted thyroidectomy using a gasless, transaxillary approach for the management of thyroid lesions: Indian experience. Journal of Minimal Access Surgery. 2017;13(4);280-285	3
11125	B. J. Park, Robotic Right Middle Lobectomy. Operative Techniques in Thoracic and Cardiovascular Surgery. 2017;22(1);44608	8
11126	D. W. K. Pantino, Z., Off Pump Robotic-Assisted LVAD (HeartWare, HVAD) Placement via Left Mini Thoracotomy. Operative Techniques in Thoracic and Cardiovascular Surgery. 2017;22(1);68-77	3
11127	C. C. D. Zirafa, F.Romano, G.Melfi, F., Robotic Lobectomy: Left Lower Lobectomy by Surgery. Operative Techniques in Thoracic and Cardiovascular Surgery. 2017;22(1);43-57	3
11128	E. A. I. M. B. Meurs, L. G.Ajao, M. O.Goggins, E. R.Vitonis, A. F.Einarsson, J. I.Cohen, S. L., Comparison of Morcellation Techniques at the Time of Laparoscopic Hysterectomy and Myomectomy. Journal of Minimally Invasive Gynecology. 2017;24(5);843-849	3
11129	A. G.-T. Kim, J.Lewicky-Gaupp, C., Pneumothorax after laparoscopic robotic-assisted supracervical hysterectomy and sacrocolpopexy. Female Pelvic Medicine and Reconstructive Surgery. 2017;23(3);e22-e24	3
11130	G. K. Gandaglia, R. J.Sivaraman, A.Moschini, M.Fossati, N.Zaffuto, E.Dell'Oglio, P.Cathelineau, X.Montorsi, F.Sanchez-Salas, R.Briganti, A., Are all grade group 4 prostate cancers created equal? Implications for the applicability of the novel grade grouping. Urologic Oncology: Seminars and Original Investigations. 2017;35(7);e7-461	3
11131	N. S. B. van den Berg, T.KleinJan, G. H.van der Poel, H. G.van Leeuwen, F. W. B., Multispectral Fluorescence Imaging During Robot-assisted Laparoscopic Sentinel Node Biopsy: A First Step Towards a Fluorescence-based Anatomic Roadmap. European Urology. 2017;72(1);110-117	3

11132	A. D. Chevrot, S.Coffin, G.Soustelle, L.Boukaram, M.Fatton, B.de Tayrac, R.Wagner, L.Costa, P., Long-term efficacy and safety of tension free vaginal tape in a historic cohort of 463 women with stress urinary incontinence. International Urogynecology Journal. 2017;28(6);827-833	3
11133	M. T. S. Milone, R.Meere, P. A.Carroll, K. M.Jerabek, S. A.Vigdorchik, J., Rigid Patient Positioning is Unreliable in Total Hip Arthroplasty. Journal of Arthroplasty. 2017;32(6);1890-1893	3
11134	E. G. Funk, D.Goyal, N., Demonstration of transoral robotic supraglottic laryngectomy and total laryngectomy in cadaveric specimens using the Medrobotics Flex System. Head and Neck. 2017;39(6);1218-1225	7
11135	J. H. Schuenemeyer, Y.Plankey, M.Allen, M.Margolis, M.Johnson, L.Marchi, L. D.Blair Marshall, M., Foreign body entrapment during thoracic surgery-time for closed loop communication. European Journal of Cardio-thoracic Surgery. 2017;51(5);852-855	3
11136	R. C. T. Moon, A. F.Jawad, M. A., Safety and effectiveness of anterior fundoplication sleeve gastrectomy in patients with severe reflux. Surgery for Obesity and Related Diseases. 2017;13(4);547-552	3
11137	B. A. Pesi, M.Amore Bonapasta, S.Nerini, A.Perna, F.Bencini, L.Di Marino, M.Coratti, A., Robotic Rectal Resection with a Single-docking Technique Thanks to the Rotation of the R3 Arm. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2017;27(2);e18-e21	3
11138	D. S. Ahn, J. H.Lee, G. J.Hwang, K. H., Feasibility of using the retroauricular approach without endoscopic or robotic assistance for excision of benign neck masses. Head and Neck. 2017;39(4);748-753	3
11139	I. A. Duek, M.Sviri, G. E.Gil, Z., Combined endoscopic transcervical-transoral robotic approach for resection of parapharyngeal space tumors. Head and Neck. 2017;39(4);786-790	3
11140	Y. Z. Zheng, X. W.Zhang, H. L.Wang, Z. H.Wang, Y., Modified exposure method for gastric mobilization in robotassisted esophagectomy. Journal of Thoracic Disease. 2017;9(12);4960-4966	3
11141	A. A. P. Chunikhin, Y. V.Vorotnikov, A. A.Klimov, D. D.Sahakyan, M. Y.Bazikyan, E. A., Efficiency assessment of nanosecond laser robotic maxillofacial area surgery in experiment. Sovremennye Tehnologii v Medicine. 2017;9(4);123-128	2
11142	S. R. Sunil, J.Azin, A.Hirpara, D.Cleary, S.Cleghorn, M. C.Wei, A.Quereshy, F. A., Robotic simultaneous resection of rectal cancer and liver metastases. Clinical Case Reports. 2017;5(12);1913-1918	3
11143	N. L. Sun, G.Zhang, L.Gao, C.Bi, J.Wang, X., Clinical efficacy of spleen-preserving distal pancreatectomy with or without splenic vessel preservation. Medicine (United States). 2017;96(48) (no pagination);	8
11144	A. Bernardo, The Changing Face of Technologically Integrated Neurosurgery: Today's High-Tech Operating Room. World Neurosurgery. 2017;106;1001-1014	8
11145	C. R. H. Fountain, L. J., Promoting Same-Day Discharge for Gynecologic Oncology Patients in Minimally Invasive Hysterectomy. Journal of Minimally Invasive Gynecology. 2017;24(6);932-939	3
11146	H. S. Su, W.Li, G.Patel, N.Fischer, G. S., An MRI-Guided Telesurgery System Using a Fabry-Perot Interferometry Force Sensor and a Pneumatic Haptic Device. Annals of Biomedical Engineering. 2017;45(8);1917-1928	2

11147	A. Q. S. Tran, S. A.Gehrig, P. A.Soper, J. T.Boggess, J. F.Kim, K. H., Robotic Radical Parametrectomy With Upper Vaginectomy and Pelvic Lymphadenectomy in Patients With Occult Cervical Carcinoma After Extrafascial Hysterectomy. Journal of Minimally Invasive Gynecology. 2017;24(5);757-763	8
11148	B. F. Zilberstein, M. Y.Genovesi, A.Volpe, P.Domene, C. E.Barchi, L. C., Pioneer Robotic Serra-Doria Operation for Recurrent Achalasia after Heller's Cardiomyotomy: A "new Quondam" Procedure. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2017;27(5);524-528	5
11149	C. U. Andolfi, K., Mastering robotic surgery: Where does the learning curve lead us?. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2017;27(5);470-474	8
11150	G. M. Mattioli, F.Paraboschi, I.Leonelli, L.Mazzola, C.Arrigo, S.Mancardi, M.Pini Prato, A.Angotti, R.Messina, M.Bianchi, A., Robotic-assisted minimally invasive total esophagogastric dissociation for children with severe neurodisability. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2017;27(5);550-555	3
11151	L. H. N. Thompson, E.Almquist, M.Jacobsson, H.Bergenfelz, A., Risk factors for complications after adrenalectomy: results from a comprehensive national database. Langenbeck's Archives of Surgery. 2017;402(2);315-322	3
11152	C. C. Betschart, M.Contreras Ortiz, O.Doumouchtsis, S. K.Koyama, M.Medina, C.Haddad, J. M.la Torre, F.Zanni, G., Management of apical compartment prolapse (uterine and vault prolapse): A FIGO Working Group report. Neurourology and Urodynamics. 2017;36(2);507-513	8
11153	P. A. Z. Caputo, H.Ramirez, D.Andrade, H. S.Akca, O.Gao, T.Kaouk, J. H., Cryoablation versus Partial Nephrectomy for Clinical T1b Renal Tumors: A Matched Group Comparative Analysis. European Urology. 2017;71(1);111-117	3
11154	V. S. Jain, R.Giri, S.Hassan, N.Batra, K.Shah, S. H.Rawal, S., Robotic-Assisted Video Endoscopic Inguinal Lymphadenectomy in Carcinoma Vulva: Our Experiences and Intermediate Results. International Journal of Gynecological Cancer. 2017;27(1);159-165	3
11155	Y. B. Yan, K. M.Hartman, R. A.Hu, J.Wang, W.Kang, J. D.Lee, J. Y., In vitro evaluation of translating and rotating plates using a robot testing system under follower load. European Spine Journal. 2017;26(1);189-199	7
11156	V. K. N. Yarlagadda, J. W.Benson, D. G.Selph, J. P., Feasibility of Intracorporeal Robotic-Assisted Laparoscopic Appendiceal Interposition for Ureteral Stricture Disease: A Case Report. Urology. 2017;109;201-205	3
11157	L. I. M. R. Pernar, F. C.Tavakkoli, A.Sheu, E. G.Brooks, D. C.Smink, D. S., An appraisal of the learning curve in robotic general surgery. Surgical Endoscopy. 2017;31(11);4583-4596	8
11158	J. N. Z. Jackson, R. S.Martin, A. N.Corbett, S. T.Herndon, C. D. A., A practice pattern assessment of members of the Society of Pediatric Urology for evaluation and treatment of urinary tract dilation. Journal of Pediatric Urology. 2017;13(6);602-607	3
11159	F. L. Rubin, O.Weinstein, G. S.Holsinger, F. C., Transoral lateral oropharyngectomy. European Annals of Otorhinolaryngology, Head and Neck Diseases. 2017;134(6);419-422	8
11160	R. S. Swearingen, A.Madi, R.Klaassen, Z.Badani, K.Elder, J. S.Wood, K.Hemal, A.Ghani, K. R., Zero-fragment Nephrolithotomy: A Multi-center Evaluation of Robotic Pyelolithotomy and Nephrolithotomy for Treating Renal Stones. European Urology. 2017;72(6);1014-1021	3
11161	T. K. Usta, T.Kale, A.Mutlu, S.Tiryaki, T., Robot-assisted laparoscopic pectouteropexy: an alternative uterus-sparing technique for pelvic organ prolapse surgery. International Urogynecology Journal. 2017;28(11);1751-1753	3

11162	L. G. Bonne, P.De Wever, L.Vanhoutte, E.Joniau, S.Oyen, R.Maleux, G., Endovascular Management of Severe Arterial Haemorrhage After Radical Prostatectomy: A Case Series. CardioVascular and Interventional Radiology. 2017;40(11);1698-1705	2
11163	L. J. v. d. L. Kleeblad, J. P.Zuiderbaan, H. A.Pearle, A. D., Regional Femoral and Tibial Radiolucency in Cemented Unicompartmental Knee Arthroplasty and the Relationship to Functional Outcomes. Journal of Arthroplasty. 2017;32(11);3345-3351	2
11164	C. M. H. Hsieh, S. M.Hull, M. L., What are the six degree-of-freedom errors of a robotically-machined femoral cavity in total hip arthroplasty and are they clinically important? An in-vitro study. Medical Engineering and Physics. 2017;48;120-130	7
11165	J. C. Y. S. Ngu, S.Yusof, S.Ng, C. Y.Wong, A. S. Y., Insight into the da Vinci Xi - technical notes for single-docking left-sided colorectal procedures. International Journal of Medical Robotics and Computer Assisted Surgery. 2017;13(4) (no pagination);	3
11166	M. S. Panzica, E. M.Westphal, R.Citak, M.Liodakis, E.Hawi, N.Petri, M.Krettek, C.Stuebig, T., Robotic distal locking of intramedullary nailing: Technical description and cadaveric testing. International Journal of Medical Robotics and Computer Assisted Surgery. 2017;13(4) (no pagination);	7
11167	S. B. H. Williams, J.Dafashy, T. J.Ghaffary, C. K.Baillargeon, J. G.Morales, E. E.Kim, S. P.Kuo, Y. F.Orihuela, E.Tyler, D. S.Freedland, S. J.Kamat, A. M., Survival differences among patients with bladder cancer according to sex: Critical evaluation of radical cystectomy use and delay to treatment. Urologic Oncology: Seminars and Original Investigations. 2017;35(10);e1-602	2
11168	M. J. P. Fard, A. K.Chinnam, R. B.Klein, M. D.Ellis, R. D., Distance-based time series classification approach for task recognition with application in surgical robot autonomy. International Journal of Medical Robotics and Computer Assisted Surgery. 2017;13(3) (no pagination);	3
11169	M. R. P. Dylewski, J., Robotic Right Lower Lobectomy. Operative Techniques in Thoracic and Cardiovascular Surgery. 2017;22(1);17-42	3
11170	A. F. G. Adili, J. D.Kolesar, E.Wong, N. C.Hoogenes, J.Dason, S.Shayegan, B., Positive surgical margin rates during the robot-Assisted laparoscopic radical prostatectomy learning curve of an experienced laparoscopic surgeon. Canadian Urological Association Journal. 2017;11(11);E409-E413	3
11171	B. P. P. Rai, A.Abroaf, A.Suleyman, N.Gowriemohan, S.Prasad, V.Vasdev, N.Adshead, J., External validation of four nephrometry scores for trans-peritoneal robotic partial nephrectomy. Central European Journal of Urology. 2017;70(3);232-237	3
11172	U. M. Walliczek-Dworschak, M.Fortsch, A.Teymoortash, A.Dworschak, P.Werner, J. A.Guldner, C., Structured training on the da Vinci Skills Simulator leads to improvement in technical performance of robotic novices. Clinical Otolaryngology. 2017;42(1);71-80	3
11173	J. T. S. Kwak, S.Xu, S.Turkbey, B.Choyke, P. L.Pinto, P. A.Moreno, V.Merino, M.Wood, B. J., Prostate cancer: A correlative study of Multiparametric MR imaging and digital histopathology. Radiology. 2017;285(1);147-156	2
11174	J. E. H. Chaft, M. D.Velez, M. J.Travis, W. D.Rusch, V. W., Initial Experience With Lung Cancer Resection After Treatment With T-Cell Checkpoint Inhibitors. Annals of Thoracic Surgery. 2017;104(3);e217-e218	2
11175	S. J. Sujatha-Bhaskar, M. D.Gahagan, J. V.Inaba, C. S.Koh, C. Y.Mills, S. D.Carmichael, J. C.Stamos, M. J.Pigazzi, A., Defining the Role of Minimally Invasive Proctectomy for Locally Advanced Rectal Adenocarcinoma. Annals of Surgery. 2017;266(4);574-581	12
11176	E. S. Celik, R.Baues, C.Trommer-Nestler, M.Baus, W.Marnitz, S., Robot-assisted extracranial stereotactic radiotherapy of adrenal metastases in oligometastatic non-small cell lung cancer. Anticancer Research. 2017;37(9);5285-5291	2

11177	K. C. Motz, H. Y.Quon, H.Richmon, J.Eisele, D. W.Gourin, C. G., Association of transoral robotic surgery with short-term and long-term outcomes and costs of care in oropharyngeal cancer surgery. JAMA Otolaryngology - Head and Neck Surgery. 2017;143(6);580-588	5
11178	M. J. R. Maurice, D.Kara, O.Nelson, R. J.Caputo, P. A.Malkoc, E.Kaouk, J. H., Non-modifiable factors predict discharge quality after robotic partial nephrectomy. International Urology and Nephrology. 2017;49(1);37-41	3
11179	E. F. R. Wallin, A.Falconer, H., Introduction of robot-assisted radical hysterectomy for early stage cervical cancer: impact on complications, costs and oncologic outcome. Acta Obstetricia et Gynecologica Scandinavica. 2017;96(5);536-542	13
11180	S. D. Manciu, M.Curea, F.Vasilescu, C., Robotic Surgery: A Solution in Search of a Problem - A Bayesian Analysis of 343 Robotic Procedures Performed by a Single Surgical Team. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2017;27(4);363-374	8
11181	H. J. K. Kim, K. T.Park, S. C.Kwon, O. H.Son, J.Chang, B. S.Lee, C. K.Yeom, J. S.Lenke, L. G., Biomechanical advantages of robot-assisted pedicle screw fixation in posterior lumbar interbody fusion compared with freehand technique in a prospective randomized controlled trial-perspective for patient-specific finite element analysis. Spine Journal. 2017;17(5);671-680	4
11182	H. H. Wells, M. C.O'Brien, T.Fowler, S., Contemporary retroperitoneal lymph node dissection (RPLND) for testis cancer in the UK - a national study. BJU International. 2017;119(1);91-99	3
11183	C. D. Rotenberry, K.Russell, D.DeRiese, W.Teeple, S.Cammack, T., Robot-assisted Partial Cystectomy for Treatment of Inflammatory Myofibroblastic Tumor of the Bladder. Urology Case Reports. 2017;11;25-27	3
11184	P. W. Go, J.Lu, Z.Carlin, A.Hammoud, Z., Robotic resection of a mediastinal parathyroid cyst. General Thoracic and Cardiovascular Surgery. 2017;65(1);52-55	3
11185	S. U. J. Bae, W. K.Baek, S. K., Robotic complete mesocolic excision and intracorporeal anastomosis using a robotic stapler for right-sided colon cancer with reduced-port access. Diseases of the Colon and Rectum. 2017;60(4);456	3
11186	M. A. G. Elmer-DeWitt, B. C.Unnikrishnan, R.Stephenson, A. J., Seminal vesicle schwannoma presenting as rectal pain: Successful robotic-assisted excision. Translational Andrology and Urology. 2017;6(6);1184-1186	3
11187	D. D. M. Axente, Z. Z.Dudric, V. N.Constantea, N. A., Control of the Functionality of the Brachial Plexus during Robot-Assisted Transaxillary Thyroid Surgery. Neurophysiology. 2017;49(4);295-300	3
11188	R. C. Drenchko, C.Manahan, K. J.Geisler, J. P., Post-operative fever in open compared with robotic hysterectomies for endometrial cancer. European Journal of Gynaecological Oncology. 2017;38(5);724-726	4
11189	R. X. Jin, J.Han, D.Zhang, Y.Li, H., Robot-assisted Ivor-Lewis esophagectomy with intrathoracic robot-sewn anastomosis. Journal of Thoracic Disease. 2017;9(11);E990-E993	8
11190	K. S. Long, J.Thomas, R.White, A.Hua, J.Sam, A. D., Complete robotic repair of a renal artery aneurysm. Journal of Vascular Surgery Cases and Innovative Techniques. 2017;3(4);225-227	3
11191	C. H. Y. Frenkel, J.Zhang, M.Altieri, M. S.Telem, D. A.Samara, G. J., Compared Outcomes of Concurrent versus Staged Transoral Robotic Surgery with Neck Dissection. Otolaryngology - Head and Neck Surgery (United States). 2017;157(5);791-797	3

11192	D. P. Jayne, A.Marshall, H.Croft, J.Corrigan, N.Copeland, J.Quirke, P.West, N.Rautio, T.Thomassen, N.Tilney, H.Gudgeon, M.Bianchi, P. P.Edlin, R.Hulme, C.Brown, J., Effect of robotic-assisted vs conventional laparoscopic surgery on risk of conversion to open laparotomy among patients undergoing resection for rectal cancer the rolarr randomized clinical trial. JAMA - Journal of the American Medical Association. 2017;318(16);1569-1580	12
11193	J. O. V. Celdran, F. M. G., After cesarean vesicouterine fistula (Youssef Syndrome) with successful conservative management. Urogynaecologia. 2017;30(1);27-28	3
11194	H. O. Maeda, K.Kobayashi, M., Adaptation of robotic surgery for colorectal cancer in a regional university. Annals of Cancer Research and Therapy. 2017;25(2);81-82	8
11195	S. C. W. Wang, R. C.Chiu, K. Y., Robot-assisted laparoscopic partial cystectomy for urinary bladder paraganglioma. Formosan Journal of Surgery. 2017;50(5);186-188	3
11196	Y. M. Xie, X.Li, H.Gao, Y.Gu, L.Chen, L.Zhang, X., Prognostic value of clinical and pathological features in Chinese patients with chromophobe renal cell carcinoma: A 10-year single-center study. Journal of Cancer. 2017;8(17) (no pagination);	3
11197	C. D. Lo Nigro, N.Merlotti, A.Merlano, M., Head and neck cancer: Improving outcomes with a multidisciplinary approach. Cancer Management and Research. 2017;9;363-371	8
11198	A. C. Singh, S.Bansal, P.Bansal, A.Rawal, S., Robot-assisted retroperitoneal lymph node dissection: Feasibility and outcome in postchemotherapy residual mass in testicular cancer. Indian Journal of Urology. 2017;33(4);304-309	3
11199	J. H. M. Chandler, F.Moxley-Wyles, B.West, N. P.Taylor, G. W.Culmer, P. R., Real-Time Assessment of Mechanical Tissue Trauma in Surgery. IEEE Transactions on Biomedical Engineering. 2017;64(10);2384-2393	2
11200	J. M. Du, H.Fan, L.Jiang, J., Robot-assisted internal mammary lymph chain excision for breast cancer. Medicine (United States). 2017;96(35) (no pagination);	3
11201	Y. C. Zhang, Y.Hua, K., Robotic-assisted Reconstruction of the Cervix and Vagina by Small Intestinal Submucosa Graft and Fusion of the Hemiuterus. Journal of Minimally Invasive Gynecology. 2017;24(4);525-528	3
11202	K. L. H. Watts, R.Ghavamian, R.Abraham, N., Robot-assisted extravesical vesicovaginal fistula repair utilizing laparoscopically mobilized omental flap interposition. International Urogynecology Journal. 2017;28(4);641-644	3
11203	Y. P. C. Lan, H. H.Liu, W. M.Chen, C. H., Delayed postcoital vaginal cuff dehiscence with small bowel evisceration after robotic-assisted staging surgery. Taiwanese Journal of Obstetrics and Gynecology. 2017;56(2);258-260	3
11204	J. L. Li, H.Brown, M.Kumar, P.Challacombe, B. J.Chandra, A.Rottenberg, G.Seneviratne, L. D.Althoefer, K.Dasgupta, P., Ex vivo study of prostate cancer localization using rolling mechanical imaging towards minimally invasive surgery. Medical Engineering and Physics. 2017;43;112-117	2
11205	L. G. Morelli, S.Di Franco, G.Palmeri, M.Caprili, G.D'Isidoro, C.Cobuccio, L.Marciano, E.Di Candio, G.Mosca, F., Use of the new da Vinci Xi during robotic rectal resection for cancer: a pilot matched-case comparison with the da Vinci Si. International Journal of Medical Robotics and Computer Assisted Surgery. 2017;13(1) (no pagination);	3
11206	T. D. Thubert, Y.Boudy, A. S.Joubert, M.Vaessen, C.Chartier-Kastler, E.Lefranc, J. P.Roupret, M., Comparison of functional outcomes after robot-assisted laparoscopic sacrocolpopexy in women with a BMI below and above 30. Urogynaecologia. 2017;30(1) (no pagination);	3

11207	A. M. Pop-Vicas, J. S.Schmitz, M.Al-Niaimi, A.Safdar, N., Incidence and risk factors for surgical site infection post-hysterectomy in a tertiary care center. American Journal of Infection Control. 2017;45(3);284-287	3
11208	K. L. L. Lentine, N. N.Schnitzler, M. A.Hess, G. P.Kasiske, B. L.Xiao, H.Axelrod, D.Garg, A. X.Schold, J. D.Randall, H.Dzebisashvili, N.Brennan, D. C.Segev, D. L., Predonation Prescription Opioid Use: A Novel Risk Factor for Readmission After Living Kidney Donation. American Journal of Transplantation. 2017;17(3);744-753	3
11209	R. B. A. Strandby, R.Secher, N. H.Goetze, J. P.Achiam, M. P.Svendsen, L. B., Plasma pro-atrial natriuretic peptide to estimate fluid balance during open and robot-assisted esophagectomy: A prospective observational study. BMC Anesthesiology. 2017;17(1) (no pagination);	4
11210	J. J. A. Rassweiler, R.Klein, J.Mottrie, A.Goezen, A. S.Stolzenburg, J. U.Rha, K. H.Schurr, M.Kaouk, J.Patel, V.Dasgupta, P.Liatsikos, E., Future of robotic surgery in urology. BJU International. 2017;120(6);822-841	8
11211	D. T. S. Friedrich, F.Scheithauer, M. O.Greve, J.Hoffmann, T. K.Schuler, P. J., An Innovate Robotic Endoscope Guidance System for Transnasal Sinus and Skull Base Surgery: Proof of Concept. Journal of Neurological Surgery, Part B: Skull Base. 2017;78(6);466-472	7
11212	J. B. How, I.Lau, S.Salvador, S.How, E.Gotlieb, R.Abitbol, J.Halder, A.Amajoud, Z.Probst, S.Brin, S.Gotlieb, W., Unexpected locations of sentinel lymph nodes in endometrial cancer. Gynecologic Oncology. 2017;147(1);18-23	2
11213	A. T. Siriwardana, J.van Leeuwen, P. J.Doig, S.Kalsbeek, A.Emmett, L.Delprado, W.Wong, D.Samaratunga, H.Haynes, A. M.Coughlin, G.Stricker, P., Initial multicentre experience of ⁶⁸gallium-PSMA PET/CT guided robot-assisted salvage lymphadenectomy: acceptable safety profile but oncological benefit appears limited. BJU International. 2017;120(5);673-681	3
11214	J. W. Xu, Y.Chang, W.Jian, M.Ye, Q.Wang, X.Ren, L.Zhong, Y.Qin, X.Fan, J., Robot-assisted procedure versus open surgery for simultaneous resection of colorectal cancer with liver metastases: Short-term outcomes of a randomized controlled study. Annals of Oncology. 2017;28(Supplement 10);x42	8
11215	B. K. Onan, E.Basgoze, S.Bulent Rabus, M., Totally Endoscopic Robotic Management of Failed Percutaneous Atrial Septal Defect Closure with Tricuspid Valve Injury. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2017;12(6);479-482	3
11216	E. R.-R. Villanueva-Saenz, M. M.Zubieta-O'Farrill, G.Garcia-Hernandez, L., Initial experience in robot-assisted colorectal surgery in Mexico. Cirugia y Cirujanos (English Edition). 2017;85(4);284-291	3
11217	Y. C. Yang, Y.Li, Y.Chen, M. Z. Q.Wei, Y., Bioinspired Robotic Fingers Based on Pneumatic Actuator and 3D Printing of Smart Material. Soft robotics. 2017;4(2);147-162	2
11218	P. V. Das Neves Borges, T. L.Marenzana, M., Application of autofluorescence robotic histology for quantitative evaluation of the 3-dimensional morphology of murine articular cartilage. Microscopy research and technique. 2017;80(12);1351-1360	3
11219	D. H. L. Kim, Y. H.Cha, D.Kim, S. H., La chirurgia robotica transorale nella sindrome di Eagle: nostra esperienza su quattro pazienti, Transoral robotic surgery in Eagle's syndrome: our experience on four patients. Acta otorhinolaryngologica Italica : organo ufficiale della Societa italiana di otorinolaringologia e chirurgia cervico-facciale. 2017;37(6);454-457	3
11220	M. L. Auger-Hunault, H.Braik, K.Alzahrani, K.Crenn, R.Magontier, N.Mure, P. Y.Binet, A., Robotic-assisted laparoscopy vaginal pull-through: A new surgical approach in pediatric surgery. Progres en urologie : journal de l'Association francaise d'urologie et de la Societe francaise d'urologie. 2017;27(11);600-601	3

11221	M. C. F. Gomez Ruiz, C.Alonso Martin, J.Cristobal Poch, L.Manuel Palazuelos, C.Barredo Canibano, F. J.Gomez Fleitas, M.Castillo Diego, J., Polipectomia transanal asistida por robot: ?tiene alguna indicacion?, Robotic Assisted Transanal Polypectomies: Is There Any Indication?. Cirugia espanola. 2017;95(10);601-609	3
11222	G. M. Cammaroto, F.D'Agostino, G.Zeccardo, E.Bellini, C.Meccariello, G.Vicini, C., La chirurgia palatale all'interno di un setting robotico transorale (TORS): risultati preliminari di uno studio retrospettivo comparativo tra UPPP, ESP e BRP, Palatal surgery in a transoral robotic setting (TORS): preliminary results of a retrospective comparison between uvulopalatopharyngoplasty (UPPP), expansion sphincter pharyngoplasty (ESP) and barbed repositioning pharyngoplasty (BRP). Acta otorhinolaryngologica Italica : organo ufficiale della Societa italiana di otorinolaringologia e chirurgia cervico-facciale. 2017;37(5);406-409	3
11223	H. J. P. Kim, J. S.Choi, G. S.Park, S. Y.Lee, H. J., Fluorescence-guided Robotic Total Mesorectal Excision with Lateral Pelvic Lymph Node Dissection in Locally Advanced Rectal Cancer: A Video Presentation. Diseases of the colon and rectum. 2017;60(12);1332-1333	8
11224	Z. F. Feng, M. P.Levine, J. W.Solorzano, C. C., Robotic retroperitoneoscopic adrenalectomy: useful modifications of the described posterior approach. Journal of robotic surgery. 2017;11(4);409-414	3
11225	H. B. Perrin, P.Ortega, J. C.Mercier, B.Clement, N.Robino, C.Chazal, M., Robotic resection of an obturator schwannoma with preservation of normal nerve fascicles and function. Journal of robotic surgery. 2017;11(4);479-483	3
11226	S. A. N. Yeo, G. T.Han, J. H.Cheong, C.Stein, H.Kerdok, A.Min, B. S., Universal suprapubic approach for complete mesocolic excision and central vascular ligation using the da Vinci Xi system: from cadaveric models to clinical cases. Journal of robotic surgery. 2017;11(4);399-407	7
11227	B. J. O. Suh, S. J.Shin, J. Y.Ku, D. H.Bae, D. S.Park, J. K., Simultaneous robotic subtotal gastrectomy and right hemicolectomy for synchronous adenocarcinoma of stomach and colon. Journal of robotic surgery. 2017;11(3);377-380	3
11228	C. B. Kliethermes, K.Ali, K.Nijjar, J. B.Kliethermes, S.Guan, X., Postoperative Pain After Single-Site Versus Multiport Hysterectomy. JSLS : Journal of the Society of Laparoendoscopic Surgeons. 2017;21;	3
11229	A. D. Gangemi, R.Bianco, F.Masrur, M.Giulianotti, P. C., Risk Factors for Open Conversion in Minimally Invasive Cholecystectomy. JSLS : Journal of the Society of Laparoendoscopic Surgeons. 2017;21;	3
11230	R. H. Alhossaini, W. J., Robotic Assisted Distal Gastrectomy for Gastric Cancer in a Patient with Situs Inversus Totalis: with Video. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2017;21(12);2144-2145	3
11231	K. Jin Seob, D.Monfaredi, R.Cleary, K.Iordachita, I., A new 4-DOF parallel robot for MRI-guided percutaneous interventions: Kinematic analysis. Conference proceedings : ... 2017;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2017;4251-4255	8
11232	A. I. A. Aviles, S. M.Hahn, J. K.Casals, A., Towards Retrieving Force Feedback in Robotic-Assisted Surgery: A Supervised Neuro-Recurrent-Vision Approach. IEEE transactions on haptics. 2017;10(3);431-443	2

11233	C. M. Vicini, G.Cammaroto, G.Rashwan, M.Montevecchi, F., La barbed reposition pharyngoplasty nella chirurgia multilivello robotica per il trattamento delle apnee ostruttive in sonno, Barbed reposition pharyngoplasty in multilevel robotic surgery for obstructive sleep apnoea. Acta otorhinolaryngologica Italica : organo ufficiale della Societa italiana di otorinolaringologia e chirurgia cervico-facciale. 2017;37(3);214-217	3
11234	R. Z. G. Ballestero Diego, S.Truan Cacho, D.Carrion Ballardo, C.Velilla Diez, G.Calleja Hermosa, P.Gutierrez Banos, J. L., Experiencia inicial con la nueva plataforma de puerto unico da Vinci robotico, Initial experience with the new da Vinci single-port robot-assisted platform. Actas urologicas espanolas. 2017;41(5);333-337	3
11235	E. Frixione, What is in a word? Neuron: Early usage and evolution in antiquity to its long-lasting current significance. Journal of the history of the neurosciences. 2017;26(4);406-424	3
11236	H. X. Zou, H.Wang, G.Wang, X.Luo, L.Yao, Y.Xiang, G.Huang, X., Preliminary experience in laparoscopic resection of hepatic hydatidectocyst with the Da Vinci Surgical System (DVSS): a case report. BMC surgery. 2017;17(1);98	3
11237	P. A. R. Caputo, D.Maurice, M.Nelson, R.Kara, O.Malkoc, E.Goldfarb, D.Kaouk, J., Robotic Assisted Radical Cystoprostatectomy and Intracorporeal Ileal Conduit Urinary Diversion for a Kidney Transplant Recipient. International braz j urol : official journal of the Brazilian Society of Urology. 2017;43(6);1192	3
11238	S. G. Amore Bonapasta, F.Linari, C.Annecchiarico, M.Boffi, B.Calistri, M.Coratti, A., Robot-assisted gastrectomy for cancer. Der Chirurg; Zeitschrift fur alle Gebiete der operativen Medizen. 2017;88(Supplement 1);44913	8
11239	R. S. van Hillegersberg, M. F.Brenkman, H. J.Ruurda, J. P., Robot-assisted minimally invasive esophagectomy. Der Chirurg; Zeitschrift fur alle Gebiete der operativen Medizen. 2017;88(Supplement 1);44753	8
11240	G. B. Spinoglio, P.Monni, M., Robotic technology for colorectal surgery : Procedures, current applications, and future innovative challenges. Der Chirurg; Zeitschrift fur alle Gebiete der operativen Medizen. 2017;88(Supplement 1);29-33	8
11241	S. I. Leemburg, M.Lambercy, O.Nallet-Khosrofian, L.Gassert, R.Luft, A., Investigating Motor Skill Learning Processes with a Robotic Manipulandum. Journal of visualized experiments : JoVE. 2017;;	2
11242	L. C. Luzzi, R.Burali, G.Ciampelli, L.Ghisalberti, M.Meniconi, F.Astaneh, A.Baldi, M. R.D'Onofrio, P.Ciabatti, P. G., First case of combined robot-assisted thymectomy and transaxillary thyroidectomy: technique and robot-docking optimization. Journal of robotic surgery. 2017;11(2);239-241	3
11243	A. A. A. Raheem, A.Kim, D. K.Sheikh, A.Rha, K. H., Feasibility of Robot - assisted Segmental Ureterectomy and Ureteroureterostomy in Patient with High Medical Comorbidity. International braz j urol : official journal of the Brazilian Society of Urology. 2017;43(4);779-780	3
11244	L. M. A. Burttet, F. J. D. S.Varaschin, G. A.Silva, B.Berger, M., Robotic assisted laparoscopic excision of a retroperitoneal Ganglioneuroma. International braz j urol : official journal of the Brazilian Society of Urology. 2017;43(5);997	3
11245	P. A. R. Caputo, D.Maurice, M.Kara, O.Nelson, R.Malkoc, E.Kaouk, J., Robotic Assisted Laparoscopic Augmentation Ileocystoplasty. International braz j urol : official journal of the Brazilian Society of Urology. 2017;43(5);994	3
11246	G. A. M. L. G. Albuquerque, G. B.Cordeiro, M. D.Nahas, W. C.Coelho, R. F., Robot-assisted laparoscopic radical prostatectomy with early retrograde release of the neurovascular bundle and endopelvic fascia sparing. International braz j urol : official journal of the Brazilian Society of Urology. 2017;43(4);782	3

11247	D. S. Magge, J.Novak, S.Slivka, A.Hogg, M.Zureikat, A.Zeh, H. J., Performing the Difficult Cholecystectomy Using Combined Endoscopic and Robotic Techniques: How I Do It. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2017;21(3);583-589	8
11248	A. C. D. O. Matos, M. F.Colombo, J. R.Crippa, A.Juveniz, J. A. Q.Argolo, F. C., Predicting outcomes in partial nephrectomy: is the renal score useful?. International braz j urol : official journal of the Brazilian Society of Urology. 2017;43(3);422-431	3
11249	M. N. O. S. Wilkinson, O. E.O'Reilly, B. A., Role of robotics in managing mesh and suture complications of prior pelvic organ prolapse surgery. Journal of robotic surgery. 2017;11(1);91-92	3
11250	N. W. Ishikawa, G., Figure 4 knot: Csimple tying technique for robotic and endoscopic sutures. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2017;12(2);152-153	8
11251	F. M. Mascarenhas, K.Marques, F.Formoso, R.Antunes, T., Robot-assisted brachytherapy of the bladder with long distance support using video conferencing. Journal of Contemporary Brachytherapy. 2017;9(4);357-382	3
11252	V. T.-B. Srougi, R. R.Nunes-Silva, I.Baghdadi, M.Garcia-Barreras, S.Rembeyo, G.Eiffel, S. S.Barret, E.Rozet, F.Galiano, M.Sanchez-Salas, R.Cathelineau, X., The Role of Robot-Assisted Radical Prostatectomy in High-Risk Prostate Cancer. Journal of Endourology. 2017;31(3);229-237	8
11253	L. X. Wei, T.Tao, K. S.Zhang, G.Zhao, G. Y.Yu, S. Q.Cheng, L.Yang, Z. X.Zheng, M. J.Li, F.wang, Q.han, Y.Shi, Y. Q.Dong, H. L.Lu, Z. H.Wang, Y.Yang, H.Ma, X. D.Liu, S. J.Liu, H. X.Xiong, L. Z.Chen, B. L., Modified human uterus transplantation using ovarian veins for venous drainage: the first report of surgically successful robotic-assisted uterus procurement and follow-up for 12 months. Fertility and Sterility. 2017;108(2);346-356.e1	3
11254	B. L. B. Spector, N. A.Strigenz, M. E.Brown, J. A., Bladder Neck Contracture Following Radical Retropubic versus Robotic-Assisted Laparoscopic Prostatectomy. Current Urology. 2017;10(3);145-149	12
11255	S. J. P. Jin, J. Y.Kim, D. H.Yoon, S. H.Kim, E.Hwang, J. H.Song, C.Kim, Y. K., Comparison of postoperative pain between laparoscopic and robot-assisted partial nephrectomies for renal tumors. Medicine (United States). 2017;96(29) (no pagination);	13
11256	J. H. K. Chin, W. J.Lee, J.Han, Y. A.Lim, J.Hwang, J. H.Cho, S. S.Kim, Y. K., Effect of positive end-expiratory pressure on the sonographic optic nerve sheath diameter as a surrogate for intracranial pressure during robot-assisted laparoscopic prostatectomy: A randomized controlled trial. PLoS ONE. 2017;12(1) (no pagination);	3
11257	L. C. Qian, X.Huang, J.Lin, H.Mao, F.Zhao, X.Luo, Q.Ding, Z., A comparison of three approaches for the treatment of earlystage thymomas: Robot-assisted thoracic surgery, video-assisted thoracic surgery, and median sternotomy. Journal of Thoracic Disease. 2017;9(7);1997-2005	13
11258	D. C. Rodin, L.Burger, E.Kim, J.Johnson-Obaseki, S.Palma, D.Louie, A. V.Hansen, A.O'Sullivan, B., Cost-Effectiveness Analysis of Radiation Therapy Versus Transoral Robotic Surgery for Oropharyngeal Squamous Cell Carcinoma. International Journal of Radiation Oncology Biology Physics. 2017;97(4);709-717	4
11259	M. S. Kim, S. Y.Cui, L. H.Shin, H. J.Hur, H.Han, S. U., Real-time vessel navigation using indocyanine green fluorescence during robotic or laparoscopic gastrectomy for gastric cancer. Journal of Gastric Cancer. 2017;17(2);145-153	2
11260	A. B. Pardolesi, L.Brandolini, J.Solli, P., Four arms robotic-assisted pulmonary resection-left lower lobectomy: How to do it. Journal of Thoracic Disease. 2017;9(6);1658-1662	3

11261	S. Y. S. Park, J. W.Narm, K. S.Lee, C. Y.Lee, J. G.Paik, H. C.Chung, K. Y.Kim, D. J., Feasibility of four-arm robotic lobectomy as solo surgery in patients with clinical stage I lung cancer. Journal of Thoracic Disease. 2017;9(6);1607-1614	13
11262	Y. C. Zheng, Y. Z.Zhang, H. L.Wang, Z. H.Wang, Y., Robotic trans-subxiphoid extended thymectomy in a patient with thymoma-associated pemphigus. Journal of Thoracic Disease. 2017;9(6);E565-E569	3
11263	J. H. S. Lee, Y. J.Song, R. Y.Yi, J. W.Yu, H. W.Kwon, H.Choi, J. Y.Lee, K. E., Preoperative flap-site injection with ropivacaine and epinephrine in BABA robotic and endoscopic thyroidectomy safely reduces postoperative pain. Medicine (United States). 2017;96(22) (no pagination);	3
11264	H. N. Kitagami, K.Yasuda, A.Kurashima, Y.Watanabe, K.Fujihata, S.Yamamoto, M.Shimizu, Y.Tanaka, M., Technique of totally robotic delta-shaped anastomosis in distal gastrectomy. Journal of Minimal Access Surgery. 2017;13(3);215-218	3
11265	K. H. L. Lin, S. C.Huang, T. W.Huang, H. K., Esophagogastric junction outflow obstruction-related functional chest pain treated using robotic-assisted thoracoscopic esophageal myotomy. Journal of Thoracic Disease. 2017;9(5);E432-E436	3
11266	C. P. H. Hsieh, M. J.Fang, H. Y.Chao, Y. K., Imaging-guided thoracoscopic resection of a ground-glass opacity lesion in a hybrid operating room equipped with a robotic C-arm CT system. Journal of Thoracic Disease. 2017;9(5);E416-E419	3
11267	P. T. Hamet, J., Artificial intelligence in medicine. Metabolism: Clinical and Experimental. 2017;69(Supplement);S36-S40	8
11268	A. G. Verbrugghe, L.Mouton, D.Deschildre, F.Koenig, P.Ballereau, C.Colin, P., Robot-Assisted Laparoscopic Management of Caliceal Diverticular Calculi. Urology Case Reports. 2017;13;133-136	3
11269	Y. F. Yamada, T.Fukuhara, H.Sugihara, T.Takemura, K.Kakutani, S.Suzuki, M.Nakagawa, T.Kume, H.Igawa, Y.Homma, Y., Incidence and risk factors of inguinal hernia after robot-assisted radical prostatectomy. World Journal of Surgical Oncology. 2017;15(1) (no pagination);	3
11270	Y. C. H. Ou, S. C.Hwang, L. H.Yang, C. K.Hung, S. W.Tung, M. C., Salvage robotic-assisted laparoscopic radical prostatectomy: Experience with 14 cases. Anticancer Research. 2017;37(4);2045-2050	3
11271	T. Lee, Collaborative efforts among the fields of technology, device development, and medicine. International Neurourology Journal. 2017;21(Supplement1);S1-S1	8
11272	W. J. G. van Weelden, B. B. M.Roovers, E. A.Kraayenbrink, A. A.Aalders, C. I. M.Hartog, F.Dijkhuizen, F. P. H. L. J., Perioperative surgical outcome of conventional and robot-assisted total laparoscopic hysterectomy. Gynecological Surgery. 2017;14(1) (no pagination);	13
11273	P. D. Shokrollahi, J. M.Goldenberg, A. A., Signal-to-noise ratio evaluation of magnetic resonance images in the presence of an ultrasonic motor. BioMedical Engineering Online. 2017;16(1) (no pagination);	2
11274	R. S.-O. Garcia, I.Lopez Guerra, J. L.Sanchez, S.Azinovic, I., Robotic radiosurgery for the treatment of liver metastases. Reports of Practical Oncology and Radiotherapy. 2017;22(2);111-117	3
11275	W. K. Song, C. K.Park, B. K.Jeon, H. G.Jeong, B. C.Seo, S. I.Jeon, S. S.Choi, H. Y.Lee, H. M., Impact of preoperative and postoperative membranous urethral length measured by 3 Tesla magnetic resonance imaging on urinary continence recovery after robotic-assisted radical prostatectomy. Canadian Urological Association Journal. 2017;11(3-4);E93-E99	3

11276	M. C. Gamaleldin, J. M.Stocchi, L.Kalady, M.Liska, D.Gorgun, E., Is routine use of adjuvant chemotherapy for rectal cancer with complete pathological response justified?. American Journal of Surgery. 2017;213(3);478-483	2
11277	T. S. Aijaz, D.Tan, S. A.Iqbal, A., A novel method of minimally invasive rectus abdominis muscle flap harvest: Laparoscopic surgeons take note. Journal of Minimal Access Surgery. 2017;13(2);146-147	3
11278	H. S. J. Moon, K.Lee, S. R., Robotic-Assisted single incision myomectomy in large myoma cases. Clinical and Experimental Obstetrics and Gynecology. 2017;44(2);283-287	3
11279	C. C. H. Kuo, C. H.Cheng, B. C., Totally Endoscopic Coronary Artery Bypass for Anomalous Origin of Right Coronary Artery. Annals of Thoracic Surgery. 2017;103(1);e35-e37	3
11280	C. R. Mehta, K.Bharat, A., Anterior Mediastinal Myelolipoma. Annals of Thoracic Surgery. 2017;103(1);e81	3
11281	K. H. Hikita, M.Kawamoto, B.Tsounapi, P.Muraoka, K.Sejima, T.Takenaka, A., Evaluation of incontinence after robot-assisted laparoscopic radical prostatectomy: Using the international consultation on incontinence modular questionnaire short form and noting the number of safety pads needed by japanese patients. Yonago Acta Medica. 2017;60(1);52-55	3
11282	A. B. Antar, A.Lockhart, J. L.Patel, T., Robotic Assisted Laparoscopic Partial Cystectomy as Treatment for Pseudosarcomatous Fibromyxoid Tumor of the Bladder. Urology Case Reports. 2017;12;56-58	3
11283	M. W. Nishikawa, H.Kurahashi, T., Safety and feasibility of robot-assisted radical prostatectomy for clinically localized prostate cancer in elderly Japanese patients. Prostate International. 2017;5(1);13-16	3
11284	E. K. Llukani, B. F.Agalliu, I.Lightfoot, A.Yu, S. J. S.Kathrins, M.Lee, Z.Su, Y. K.Monahan Agnew, K.McGill, A.Eun, D. D.Lee, D. I., Low levels of serum testosterone in middle-aged men impact pathological features of prostate cancer. Prostate International. 2017;5(1);17-23	3
11285	R. T. Tschada, A., Urologic Interventions in patients with diabetes mellitus - Minimal invasive procedures as first choice. Diabetes Aktuell. 2017;15(1);30-36	8
11286	M. F. G. Aslam, W. T.Osmundsen, B., Effect of sacrocolpopexy and retropubic sling on overactive bladder symptoms. Journal of the Turkish-German Gynecological Association. 2017;18(1);44818	3
11287	P. A. S. Andrawes, M.Chang, Q.Grinberg, R., Primary sarcomatoid carcinoma of the small intestine: Very rare and aggressive tumour. BMJ Case Reports. 2017;2017 (no pagination);	3
11288	M. G. Bandini, G.Fossati, N.Montorsi, F.Briganti, A., An Explanatory Case on the Limitations of Lymph Node Staging in Recurrent Prostate Cancer. Urology Case Reports. 2017;12;34-36	5
11289	H. H. N. Balkhy, S.Arnsdorf, S. E.Krienbring, D. J., Right internal mammary artery use in 140 robotic totally endoscopic coronary bypass cases toward multiarterial grafting. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2017;12(1);44818	8
11290	B. A. Onan, U.Kahraman, Z.Erkanli, K.Bakir, I., Robot-assisted mitral valve repair with posterior leaflet extension for rheumatic disease. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2017;12(1);60-63	3

11291	L. K. Pirelli, C. A.Patel, N. C.Bono, M.Ruiz, C. E.Jelnin, V.Fontana, G. P., Minimally invasive robotically assisted repair of partial anomalous venous connection. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2017;12(1);71-73	3
11292	W. Golusinski, The role of conventional surgery in oropharyngeal cancer. Recent Results in Cancer Research. 2017;206;185-195	8
11293	A. W. Dietz, G.Wiegand, S., Should we de-escalate the treatment for HPV-positive tumors?. Recent Results in Cancer Research. 2017;206;173-181	3
11294	R. A. H. O. Diamand, W.Accarain, A.Limani, K.Hawaux, E.van Velthoven, R.Peltier, A., Management of Anastomosis Leakage Post-RALP: A Simple Trick for a Complex Situation. Urology Case Reports. 2017;12;28-30	3
11295	W. P. L. Boyan, D.Dinallo, A.Otero, J.Roding, A.Hanos, D.Dressner, R.Arvanitis, M., Lighted ureteral stents in laparoscopic colorectal surgery; A five-year experience. Annals of Translational Medicine. 2017;5(3) (no pagination);	2
11296	D. R. Lee, E.Lewis, R.Veean, S.Rao, A.Ulbrandt, A., Bilateral external and internal pudendal veins embolization treatment for venogenic erectile dysfunction. Radiology Case Reports. 2017;12(1);92-96	3
11297	A. N. Pourghodrat, C. A.Oleynikov, D., Hydraulic robotic surgical tool changing manipulator. Journal of Medical Devices, Transactions of the ASME. 2017;11(1) (no pagination);	2
11298	T. Z. Qiu, Y.Xuan, Y.Jiao, W., Robotic-assisted double-sleeve lobectomy. Journal of Thoracic Disease. 2017;9(1);E21-E25	3
11299	S. D. Chopra, A.Satkunasivam, R.Gill, I. S., Robot-Assisted Laparoscopic Resection of a Pelvic Schwannoma. Urology Case Reports. 2017;11;63-65	3
11300	S. Z. Qing, H., The reirradiation of cyberknife treatment for locally advanced pancreatic cancer: Initial clinical experiences. International Journal of Clinical and Experimental Medicine. 2017;10(1);979-985	2
11301	R. B. Kimmig, P.Rusch, P.Aktas, B., Surgical anatomy of the ligamentous mesometrium and robotically assisted ICG-guided resection in cervical cancer. Gynecologic Oncology Reports. 2017;20;4	3
11302	P. N. Pastides, D., The role of newer technologies in knee arthroplasty. Orthopaedics and Trauma. 2017;31(1);47-52	8
11303	C. R. K. Jelley, K. A. S. H.Forster, L.Bardgett, H.Singh, R.Addla, S. K., Comparison of open and robotic nephron sparing surgery: a single centre experience. Journal of Clinical Urology. 2017;10(1);28-35	13
11304	K. M. Rupala, V.Gupta, R.Yadav, R., Atypical presentation of pheochromocytoma: Central nervous system pseudovasculitis. Indian Journal of Urology. 2017;33(1);82-84	3
11305	G. B. Karaoren, N.Kucuk, E. V.Gumus, E., Is rhabdomyolysis an anaesthetic complication in patients undergoing robot-assisted radical prostatectomy?. Journal of Minimal Access Surgery. 2017;13(1);29-36	3
11306	R. A. Al-Yousef, A.Aldousari, S., Robotic pyelolithotomy in a congenital pelvic kidney: side docking and robotic prostatectomy port - site approach. International braz j urol : official journal of the Brazilian Society of Urology. 2017;43(2);374	3
11307	F. C. J. Torricelli, D.Guglielmetti, G. B.Patel, V.Coelho, R. F., Robot - assisted laparoscopic retroperitoneal lymph node dissection in testicular tumor. International braz j urol : official journal of the Brazilian Society of Urology. 2017;43(1);171	3

11308	J. F. A. Plate, M. A.Seyler, T. M.Bracey, D. N.Hoggard, A.Akbar, M.Jinnah, R. H.Poehling, G. G., Obesity has no effect on outcomes following unicompartmental knee arthroplasty. Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA. 2017;25(3);645-651	3
11309	J. C. Selber, Can I Make Robotic Surgery Make Sense in My Practice?. Plastic and reconstructive surgery. 2017;139(3);781e-792e	8
11310	C. C.-S. Steller, A.Sasaki, K.Miller, C. E., Power Morcellation Using a Contained Bag System. JSLS : Journal of the Society of Laparoendoscopic Surgeons. 2017;21;	3
11311	H. A. Zargar, O.Caputo, P.Ramirez, D.Kara, O.Andrade, H. S.Stein, R. J.Kaouk, J. H., Assessing the effects of modality of surgery on postoperative weight loss in patients undergoing partial nephrectomy. World journal of urology. 2017;35(2);271-275	13
11312	T. S. Maurer, K.Schottelius, M.Wester, H. J.Schwaiger, M.Gschwend, J. E.Eiber, M., PSMA Theranostics Using PET and Subsequent Radioguided Surgery in Recurrent Prostate Cancer. Clinical Genitourinary Cancer. 2016;14(5);e549-e552	3
11313	T. M. D. Jones, M.Foran, B.Harrington, K.Mortimore, S., Laryngeal cancer: United Kingdom National Multidisciplinary guidelines. The Journal of laryngology and otology. 2016;130(S2);S75-S82	8
11314	R. S. Raju, M.Bolonduro, O.Ashraf, M.Abuzeid, M. I., Robotic surgery in the management of benign complex adnexal masses with a frozen pelvis in women desiring to preserve fertility. Middle East Fertility Society Journal. 2016;21(2);125-130	3
11315	H. K. Yang, Gastric cancer from operating theatre to bench in Korea. The British journal of surgery. 2016;103(10);1251-1252	8
11316	T. H. Watanabe, K., Robotic surgery for rectal cancer with lateral lymph node dissection. British Journal of Surgery. 2016;103(13);1755-1757	8
11317	B. T. B. Xia, C. E.Abbott, D. E.Helmink, B. A.Daly, M. C.Thota, R.Schlegal, C.Winer, L. K.Ahmad, S. A.Al Humaidi, A. H.Parikh, A. A., An update on gastric cancer. Current Problems in Surgery. 2016;53(10);449-490	8
11318	H. C. Li, L. A. H.Zhang, J., Does using two Doppler cardiac output monitors in tandem provide a reliable trend line of changes for validation studies?. Journal of Clinical Monitoring and Computing. 2016;30(5);559-567	3
11319	S. L. Izadmehr, M.Hobbs, A. R.Katsigeorgis, M.Nabizada-Pace, F.Jazayeri, S. B.Samadi, D. B., Clinical characteristics and outcomes of HIV-seropositive men treated with surgery for prostate cancer. International Urology and Nephrology. 2016;48(10);1639-1645	3
11320	R. N. Hamada, J.Ohori, M.Ohno, Y.Komori, O.Yoshioka, K.Tachibana, M., Preoperative predictive factors and further risk stratification of biochemical recurrence in clinically localized high-risk prostate cancer. International Journal of Clinical Oncology. 2016;21(3);595-600	3
11321	C. C. Lanchon, G.Moreau-Gaudry, A.Descotes, J. L.Long, J. A.Fiard, G.Voros, S., Augmented Reality Using Transurethral Ultrasound for Laparoscopic Radical Prostatectomy: Preclinical Evaluation. Journal of Urology. 2016;196(1);244-250	3
11322	M. J. R. Maurice, D.Nelson, R. J.Caputo, P. A.Kara, O.Malkoc, E.Kaouk, J. H., Multiple Tumor Excisions in Ipsilateral Kidney Increase Complications after Partial Nephrectomy. Journal of Endourology. 2016;30(11);1200-1206	3
11323	J. H. D. Zhu, J.Liu, X. J.Wang, J.Guo, Y. X.Guo, C. B., Prospects of Robot-Assisted Mandibular Reconstruction with Fibula Flap: Comparison with a Computer-Assisted Navigation System and Freehand Technique. Journal of Reconstructive Microsurgery. 2016;32(9);661-669	7

11324	J. Y. X. Zhou, C.Mou, Y. P.Xu, X. W.Zhang, M. Z.Zhou, Y. C.Lu, C.Chen, R. G., Robotic versus laparoscopic distal pancreatectomy: A meta-analysis of short-term outcomes. PLoS ONE. 2016;11(3) (no pagination);	8
11325	G. C. L. Vitali, A.Terraz, S.Majno, P.Buchs, N. C.Rubbia-Brandt, L.Luciani, A.Calderaro, J.Morel, P.Azoulay, D.Toso, C., Minimally invasive surgery versus percutaneous radio frequency ablation for the treatment of single small (<=3 cm) hepatocellular carcinoma: a case-control study. Surgical Endoscopy. 2016;30(6);2301-2307	2
11326	P. P. Modaffari, E.Zimmiti, G.Padilla Mozo, L.Cordeiro Vidal, G.Rabischong, B.Bourdel, N.Canis, M.Botchorishvili, R., Are gynecologists sufficiently trained and educated on electro surgery and basic laparoscopic setting?. Surgical Endoscopy. 2016;30(8);3327-3333	2
11327	S. D. Schwaitzberg, Financial modeling of current surgical robotic system in outpatient laparoscopic cholecystectomy: how should we think about the expense?. Surgical Endoscopy. 2016;30(5);2082-2085	3
11328	R. S.-J. Gonzalez-Heredia, L.Valbuena, V. S. M.Masrur, M.Murphey, M.Elli, E., Surgical management of super-super obese patients: Roux-en-Y gastric bypass versus sleeve gastrectomy. Surgical Endoscopy. 2016;30(5);2097-2102	2
11329	R. W. Dubois, Optimal slices of the healthcare spending pie: Can traditional comparative effectiveness research address resource allocation?. Journal of Comparative Effectiveness Research. 2016;5(6);525-527	8
11330	C. F. Conrad, M.Peterhans, M.Lu, H.Weber, S.Gayet, B., Augmented Reality Navigation Surgery Facilitates Laparoscopic Rescue of Failed Portal Vein Embolization. Journal of the American College of Surgeons. 2016;223(4);e31-e34	3
11331	D. K. Assimos, A.Miller, N. L.Monga, M.Murad, M. H.Nelson, C. P.Pace, K. T.Pais, V. M.Pearle, M. S.Preminger, G. M.Razvi, H.Shah, O.Matlaga, B. R., Surgical Management of Stones: American Urological Association/Endourological Society Guideline, PART I. Journal of Urology. 2016;196(4);1153-1160	8
11332	A. M. Ukere, A.Wodack, K. H.Trepte, C. J.Haese, A.Waldmann, A. D.Bohm, S. H.Reuter, D. A., Perioperative assessment of regional ventilation during changing body positions and ventilation conditions by electrical impedance tomography. British Journal of Anaesthesia. 2016;117(2);228-235	3
11333	Z. K. Sun, J.Adam, M. A.Nussbaum, D. P.Speicher, P. J.Mantyh, C. R.Migaly, J., Minimally invasive versus open low anterior resection equivalent survival in a national analysis of 14,033 patients with rectal cancer. Annals of Surgery. 2016;263(6);1152-1158	12
11334	S. C. O. Hung, Y. C.Cheng, C. L.Hung, S. W.Ho, H. C.Chiu, K. Y.Wang, S. S.Chen, C. S.Li, J. R.Yang, C. K., Standardized procedure of robotic assisted laparoscopic radical prostatectomy from case 1 to case 1200. Urological Science. 2016;27(4);199-207	3
11335	G. S. Y. Lai, C. K.Ou, Y. C.Hung, S. W.Wang, J., Robot-assisted nephroureterectomy for upper urinary tract urothelial carcinoma without intraoperative reposition or redocking. Urological Science. 2016;27(3);174-176	3
11336	S. C. Y. Wang, C. K.Chang, C. P.Ou, Y. C., Robotic simple prostatectomy: Initial single-center experience in Taiwan. Urological Science. 2016;27(2);77-80	3
11337	L. v. R. Goense, P. S. N.Kandioler, D.Ruurda, J. P.Goh, K. L.Luyer, M. D.Krasna, M. J.van Hillegersberg, R., Stage-directed individualized therapy in esophageal cancer. Annals of the New York Academy of Sciences. 2016;1381(1);50-65	8
11338	D. H. Teitelbaum, Research in Jeopardy. Journal of Parenteral and Enteral Nutrition. 2016;40(8);1075-1078	8

11339	N. R. Rao, R.Tandon, N.Singh, P.Kumar, R., Surgical and Hemodynamic Outcomes in Pheochromocytoma Surgery: A Prospective Cohort Study. Urology. 2016;98;103-106	2
11340	A. K. Schoob, D.Kahrs, L. A.Ortmaier, T., Comparative study on surface reconstruction accuracy of stereo imaging devices for microsurgery. International Journal of Computer Assisted Radiology and Surgery. 2016;11(1);145-156	2
11341	M. S. A.-K. Nosrati, A.Peyrat, J. M.Abinahed, J.Al-Alao, O.Al-Ansari, A.Abugharbieh, R.Hamarneh, G., Endoscopic scene labelling and augmentation using intraoperative pulsatile motion and colour appearance cues with preoperative anatomical priors. International Journal of Computer Assisted Radiology and Surgery. 2016;11(8);1409-1418	2
11342	Y. Z. Liu, C.Fan, M.Hu, L.Ma, C.Tian, W., Assessment of respiration-induced vertebral motion in prone-positioned patients during general anaesthesia. International Journal of Medical Robotics and Computer Assisted Surgery. 2016;12(2);214-218	3
11343	J. C. H. Byrn, J. E.Armstrong, J. G.Anthony, C. A.Charlton, M. E., Single-incision robotic colectomy: are costs prohibitive?. International Journal of Medical Robotics and Computer Assisted Surgery. 2016;12(2);303-308	3
11344	S. J. Carlsson, F.Wallerstedt, A.Nyberg, T.Stranne, J.Thorsteinsdottir, T.Carlsson, S. V.Bjartell, A.Hugosson, J.Haglind, E.Steineck, G., Oncological and functional outcomes 1 year after radical prostatectomy for very-low-risk prostate cancer: results from the prospective LAPPRO trial. BJU International. 2016;118(2);205-212	3
11345	F. C. Porpiglia, F.De Luca, S.Manfredi, M.Veltri, A.Russo, F.Sottile, A.Damiano, R., In-parallel comparative evaluation between multiparametric magnetic resonance imaging, prostate cancer antigen 3 and the prostate health index in predicting pathologically confirmed significant prostate cancer in men eligible for active surveillance. BJU International. 2016;118(4);527-534	3
11346	C. K. Wang, S.Fernandez-Miranda, J.Duvvuri, U., A description of the anatomy of the glossopharyngeal nerve as encountered in transoral surgery. Laryngoscope. 2016;126(9);2010-2015	7
11347	S. D. Gupta, L.Granieri, M.Le, N. B.Peterson, A. C., Utilization of surgical procedures and racial disparity in the treatment of urinary incontinence after prostatectomy. Neurourology and Urodynamics. 2016;35(6);733-737	5
11348	K. L. L. Lentine, N. N.Axelrod, D.Schnitzler, M. A.Garg, A. X.Xiao, H.Dzebisashvili, N.Schold, J. D.Brennan, D. C.Randall, H.King, E. A.Segev, D. L., Perioperative Complications After Living Kidney Donation: A National Study. American Journal of Transplantation. 2016;16(6);1848-1857	5
11349	B. B. Onan, I., Robotic Mitral Valve Replacement in Pectus Excavatum. Journal of Cardiac Surgery. 2016;31(5);306-308	3
11350	R. A. Seifabadi, F.Iordachita, I.Fichtinger, G., Toward teleoperated needle steering under continuous MRI guidance for prostate percutaneous interventions. International Journal of Medical Robotics and Computer Assisted Surgery. 2016;12(3);355-369	3
11351	S. U. J. Bae, W. K.Bae, O. S.Baek, S. K., Reduced-port robotic anterior resection for left-sided colon cancer using the Da Vinci single-site platform. International Journal of Medical Robotics and Computer Assisted Surgery. 2016;12(3);517-523	3
11352	A. P. A. Fagotti, L.Conte, C.Chiantera, V.Vizza, E.Tortorella, L.Surico, D.De Iaco, P.Corrado, G.Fanfani, F.Gallotta, V.Scambia, G., Beyond sentinel node algorithm. Toward a more tailored surgery for cervical cancer patients. Cancer Medicine. 2016;5(8);1725-1730	2

11353	F. C. Porpiglia, F.De Luca, S.De Pascale, A.Manfredi, M.Mele, F.Bollito, E.Cirillo, S.Damiano, R.Russo, F., Multiparametric magnetic resonance imaging and active surveillance: How to better select insignificant prostate cancer?. International Journal of Urology. 2016;23(9);752-757	2
11354	K. Y. Wittig, J. L.Smith, D. D.Jeske, D. R.Smith, S. S., Presurgical biomarker performance in the detection of gleason upgrading in prostate cancer. Cancer Epidemiology Biomarkers and Prevention. 2016;25(12);1643-1645	2
11355	A. K. S. Srinivasan, D.Kurzweil, R. E.Weiss, D. A.Long, C. J.Shukla, A. R., Port Site Local Anesthetic Infiltration Vs Single-dose Intrathecal Opioid Injection to Control Perioperative Pain in Children Undergoing Minimal Invasive Surgery: A Comparative Analysis. Urology. 2016;97;179-183	3
11356	J. M. K. Kwak, S. H., Robotic surgery for rectal cancer: An update in 2015. Cancer Research and Treatment. 2016;48(2);427-435	8
11357	N. L. Sadeghi, N. W.Taheri, M. R.Easley, S.Siegel, R. S., Neoadjuvant chemotherapy and transoral surgery as a definitive treatment for oropharyngeal cancer: A feasible novel approach. Head and Neck. 2016;38(12);1837-1846	3
11358	S. B. T. Ginsburg, P.Merisaari, H.Vainio, P.Bostrom, P. J.Aronen, H. J.Jambor, I.Madabhushi, A., Patient-specific pharmacokinetic parameter estimation on dynamic contrast-enhanced MRI of prostate: Preliminary evaluation of a novel AIF-free estimation method. Journal of Magnetic Resonance Imaging. 2016;44(6);1405-1414	2
11359	V. M. Iremashvili, M.Parekh, D. J.Punnen, S., Can nomograms improve our ability to select candidates for active surveillance for prostate cancer?. Prostate Cancer and Prostatic Diseases. 2016;19(4);385-389	2
11360	C. M. R. Forbes, R. A.Finelli, A.Kapoor, A.Moore, R. B.Breau, R. H.Lacombe, L.Kawakami, J.Drachenberg, D. E.Pautler, S. E.Jewett, M. M. A.Saarela, O.Liu, Z.Tanguay, S.Black, P. C., Disease progression and kidney function after partial vs. radical nephrectomy for T1 renal cancer. Urologic Oncology: Seminars and Original Investigations. 2016;34(11);e17-486	2
11361	C. R. Muh, Current and Emerging Surgical Therapies for Severe Pediatric Epilepsies. Seminars in Pediatric Neurology. 2016;23(2);143-150	8
11362	M. J. R. Maurice, D.Malkoc, E.Kara, O.Nelson, R. J.Caputo, P. A.Kaouk, J. H., Predictors of Excisional Volume Loss in Partial Nephrectomy: Is There Still Room for Improvement?. European Urology. 2016;70(3);413-415	3
11363	A. C.-S. Zakhari, N.Spence, A. R.Gotlieb, W. H.Abenhaim, H. A., Hysterectomy for uterine cancer in the elderly. International Journal of Gynecological Cancer. 2016;26(7);1222-1227	13
11364	M. A. G. Ulm, D. N.ElNaggar, A. C.Tillmanns, T. D.Reed, K. M.Wan, J. Y.Watson, C. H.Dedania, S. J.Reed, M. E., A comparison of outcomes following robotic-assisted staging and laparotomy in patients with early stage endometrioid adenocarcinoma of the uterus with uterine weight under 480 g. Gynecology and Minimally Invasive Therapy. 2016;5(1);25-29	13
11365	J. P. N. Kobler, K.Lexow, G. J.Rau, T. S.Majdani, O.Kahrs, L. A.Kotlarski, J.Ortmaier, T., Configuration optimization and experimental accuracy evaluation of a bone-attached, parallel robot for skull surgery. International Journal of Computer Assisted Radiology and Surgery. 2016;11(3);421-436	3
11366	L. S. Lin, Y.Tan, A.Bogari, M.Zhu, M.Xin, Y.Xu, H.Zhang, Y.Xie, L.Chai, G., Mandibular angle split osteotomy based on a novel augmented reality navigation using specialized robot-assisted arms - A feasibility study. Journal of Cranio-Maxillofacial Surgery. 2016;44(2);215-223	3

11367	F. S. Yamamichi, K.Yamashita, M.Tanaka, K.Arakawa, S.Fujisawa, M., Postoperative wound dealing and superficial surgical site infection in open radical prostatectomy. International Wound Journal. 2016;13(5);692-696	2
11368	H. D. K. Kwak, S. H.Seo, Y. S.Song, K. J., Detecting hepatitis B virus in surgical smoke emitted during laparoscopic surgery. Occupational and Environmental Medicine. 2016;73(12);857-863	2
11369	A. I. Papadia, S.Siegenthaler, F.Gasparri, M. L.Mohr, S.Lanz, S.Mueller, M. D., Laparoscopic Indocyanine Green Sentinel Lymph Node Mapping in Endometrial Cancer. Annals of Surgical Oncology. 2016;23(7);2206-2211	2
11370	L. A. Schwarz, T. A.Eng, C.Chang, G. J.Vauthey, J. N.Conrad, C., Transthoracic Port Placement Increases Safety of Total Laparoscopic Posterior Sectionectomy. Annals of Surgical Oncology. 2016;23(7);2167	3
11371	A. W. G. Joseph, T.Hur, K.Xie, Y.Yin, L.Califano, J. A.Ha, P. K.Quon, H.Richmon, J. D.Eisele, D. W.Agrawal, N.Fakhry, C., Disease-free survival after salvage therapy for recurrent oropharyngeal squamous cell carcinoma. Head and Neck. 2016;38(Supplement 1);E1501-E1509	2
11372	P. A. Mazzone, P.Cantelli, L.Spampinato, G.Sposato, S.Cozzolino, S.Demarinis, P.Muscato, G., Experimental new automatic tools for robotic stereotactic neurosurgery: towards "no hands" procedure of leads implantation into a brain target. Journal of Neural Transmission. 2016;123(7);737-750	8
11373	O. T. Sgarbura, V.Popescu, I., Robotic oncologic complexity score - a new tool for predicting complications in computer-enhanced oncologic surgery. International Journal of Medical Robotics and Computer Assisted Surgery. 2016;12(2);296-302	3
11374	A. O. Boztosun, S., Robotic Sigmoid Vaginoplasty in an Adolescent Girl with Mayer-Rokitansky-Kuster-Hauser Syndrome. Female Pelvic Medicine and Reconstructive Surgery. 2016;22(5);e32-e35	3
11375	L. L. Turner, E.Lowder, J. L.Shepherd, J. P., The Impact of Obesity on Intraoperative Complications and Prolapse Recurrence after Minimally Invasive Sacrocolpopexy. Female Pelvic Medicine and Reconstructive Surgery. 2016;22(5);317-323	3
11376	A. L. V. H. Macedo, J. T.Marcondes, W.Mauro, F. C., Robotic Near-Total Pancreatectomy for Nesidioblastosis after Bariatric Surgery. Obesity Surgery. 2016;26(12);3082-3083	3
11377	L. E. Goldberg, S.Hutchinson-Colas, J.Segal, S., Delayed Diagnosis of Vesicouterine Fistula after Treatment for Mixed Urinary Incontinence: Menstrual Cup Management and Diagnosis. Female Pelvic Medicine and Reconstructive Surgery. 2016;22(5);e29-e31	3
11378	M. F. G. Ackenbom, L. E.Wang, Y.Shepherd, J. P., Incidence of Occult Uterine Pathology in Women Undergoing Hysterectomy with Pelvic Organ Prolapse Repair. Female Pelvic Medicine and Reconstructive Surgery. 2016;22(5);332-335	3
11379	M. F. O. Aslam, B.Edwards, S. R.Matthews, C.Gregory, W. T., Preoperative Prolapse Stage as Predictor of Failure of Sacrocolpopexy. Female Pelvic Medicine and Reconstructive Surgery. 2016;22(3);156-160	3
11380	J. F. F. Tsui, M.Jazayeri, S. B.Samadi, D. B., Robotic assisted laparoscopic prostatectomy performed after previous suprapubic prostatectomy. Case Reports in Medicine. 2016;2016 (no pagination);	3
11381	T. M.-K. Rautio, J.Vaarala, M.Kairaluoma, M.Kossi, J.Carpelan-Holmstrom, M.Salmenkyla, S.Ohtonen, P.Makela, J., Laparoscopic ventral rectopexy in male patients with external rectal prolapse is associated with a high reoperation rate. Techniques in Coloproctology. 2016;20(10);715-720	3

11382	Z. B. Varga, C.Roy, S.Nicolas, M.Tschuor, P.Majo, F., Scanning Electronic Microscopy Evaluation of the Roughness of the Stromal Bed After Deep Corneal Cut with the LDV Femtosecond Laser (Z6) (Ziemer) and the ONE Microkeratome (Moria). Current Eye Research. 2016;41(10);1302-1309	2
11383	J. B. Stone, H.Ozcan, C., Unique case of papillary fibroelastoma originating from the right interatrial septum. International Journal of Cardiology. 2016;223;251-253	5
11384	N. G. A. Thaker, T. N.Porter, M. E.Feeley, T. W.Kaplan, R. S.Frank, S. J., Communicating value in health care using radar charts: A case study of prostate cancer. Journal of Oncology Practice. 2016;12(9);813-820	4
11385	A. C. C. Wiestma, P. S.Hollis, M. V.Badway, J.Yu, R. N., Robot-assisted laparoscopic lower pole partial nephrectomy in the pediatric patient. Journal of Pediatric Urology. 2016;12(6);428-429	3
11386	J. H. A. Kaouk, O.Zargar, H.Caputo, P.Ramirez, D.Andrade, H.Albayrak, S.Laydner, H.Angermeier, K., Descriptive Technique and Initial Results for Robotic Radical Perineal Prostatectomy. Urology. 2016;94;129-138	3
11387	H. T. L. Vigneswaran, P.Brito, J.Turini, G.Pareek, G.Golijanin, D., Partial Nephrectomy for Small Renal Masses: Do Teaching and Nonteaching Institutions Adhere to Guidelines Equally?. Journal of Endourology. 2016;30(6);714-721	2
11388	R. M. Patel, P. K.Elsamra, S. E.Kim, I. Y., Long-Term Outcomes of Using Hyaluronic Acid-Carboxymethylcellulose Adhesion Barrier Film on the Neurovascular Bundle. Journal of Endourology. 2016;30(6);709-713	3
11389	S. Z. Romagnoli, G.Tuccinardi, G.Tofani, L.Chelazzi, C.Villa, G.Cianchi, F.Coratti, A.De Gaudio, A. R.Ricci, Z., Postoperative acute kidney injury in high-risk patients undergoing major abdominal surgery. Journal of Critical Care. 2016;35;120-125	3
11390	P. F. S. Engelhardt, S.Brustmann, H.Riedl, C. R.Lusuardi, L., Association between asymptomatic inflammatory prostatitis NIH category IV and prostatic calcification in patients with obstructive benign prostatic hyperplasia. Minerva Urologica e Nefrologica. 2016;68(3);242-249	2
11391	P. P. Gupta, J.Killinger, K. A.Ehlert, M.Bartley, J.Gilleran, J.Boura, J. A.Sirls, L. T., Analysis of changes in sexual function in women undergoing pelvic organ prolapse repair with abdominal or vaginal approaches. International Urogynecology Journal. 2016;27(12);1919-1924	3
11392	A. J. A. Gallan, T., Benign mullerian glandular inclusions in men undergoing pelvic lymph node dissection. Human Pathology. 2016;57;136-139	3
11393	R. S. Singh, J. J.Knoedler, J. J.Occhino, J. A., Management of a vesicovaginal fistula using holmium laser ablation. International Urogynecology Journal. 2016;27(6);969-971	3
11394	H. C. S. Kim, K. H.Lee, Y. C., Severe Bilateral Re-Expansion Pulmonary Edema Successfully Managed With Extracorporeal Membrane Oxygenation After Robot-Assisted Mitral Valve Repair Surgery. Journal of Cardiothoracic and Vascular Anesthesia. 2016;30(4);1038-1041	3
11395	G. S. A. Kassab, G.Sander, E. A.Miga, M. I.Guccione, J. M.Ji, S.Vodovotz, Y., Augmenting Surgery via Multi-scale Modeling and Translational Systems Biology in the Era of Precision Medicine: A Multidisciplinary Perspective. Annals of Biomedical Engineering. 2016;44(9);2611-2625	8
11396	D. P. Mazloomdoost, R. N., A unique case of suburethral sling mesh migration to the cervix. International Urogynecology Journal. 2016;27(11);1775-1776	5
11397	E. D. H. Hokenstad, E. B.Glasgow, A. E.Occhino, J. A., Risk of venous thromboembolism in patients undergoing surgery for pelvic organ prolapse. International Urogynecology Journal. 2016;27(10);1525-1528	2

11398	J. P. C. van der List, H.Villa, J. C.Pearle, A. D., Different optimal alignment but equivalent functional outcomes in medial and lateral unicompartmental knee arthroplasty. Knee. 2016;23(6);987-995	3
11399	J. P. C. van der List, H.Zuiderbaan, H. A.Pearle, A. D., Patients with isolated lateral osteoarthritis: Unicompartmental or total knee arthroplasty?. Knee. 2016;23(6);968-974	3
11400	A. N. Aggarwal, J.Cathcart, P.van der Meulen, J.Rashbass, J.Clarke, N.Payne, H., Organisation of Prostate Cancer Services in the English National Health Service. Clinical Oncology. 2016;28(8);482-489	3
11401	B. K. P. W. Goh, J. S.Chan, C. Y.Cheow, P. C.Ooi, L. L. P. J.Chung, A. Y. F., First experience with robotic spleen-saving,vessel-preserving distal pancreatectomy in singapore: A report of three consecutive cases. Singapore Medical Journal. 2016;57(8);464-469	5
11402	M. A. Sbaih, T. H. A.Motson, R. W., Rate of skill acquisition in the use of a robotic laparoscope holder (FreeHand). Minimally Invasive Therapy and Allied Technologies. 2016;25(4);196-202	3
11403	R. I. Kimmig, A.Aktas, B.Buderath, P.Heubner, M., Embryologically based radical hysterectomy as peritoneal mesometrial resection (PMMR) with pelvic and para-aortic lymphadenectomy for loco-regional tumor control in endometrial cancer: first evidence for efficacy. Archives of Gynecology and Obstetrics. 2016;294(1);153-160	3
11404	C. S. C. Yang, G. S.Park, J. S.Park, S. Y.Kim, H. J.Choi, J. I.Han, K. S., Rectal tube drainage reduces major anastomotic leakage after minimally invasive rectal cancer surgery. Colorectal Disease. 2016;18(12);O445-O452	3
11405	D. M. S. Boruta, T., Power Morcellation of Unsuspected High-grade Leiomyosarcoma Within an Inflated Containment Bag: 2-year Follow-up. Journal of Minimally Invasive Gynecology. 2016;23(6);1009-1011	3
11406	J. N. L. D'Souza, A. J.Goldman, R. A.Heller, J. E.Curry, J. M.Cognetti, D. M., Cervical spine spondylodiscitis after esophageal dilation in patients with a history of laryngectomy or pharyngectomy and pharyngeal irradiation. JAMA Otolaryngology - Head and Neck Surgery. 2016;142(5);467-471	3
11407	J. S. R. Chapman, E.Ueda, S.Brooks, R.Chen, L. L.Chen, L. M., Enhanced recovery pathways for improving outcomes after minimally invasive gynecologic oncology surgery. Obstetrics and Gynecology. 2016;128(1);138-144	2
11408	Y. N. Kadono, T.Kadomoto, S.Nakashima, K.Iijima, M.Shigehara, K.Narimoto, K.Izumi, K.Mizokami, A., Investigating urinary conditions prior to robot-assisted radical prostatectomy in search of a desirable method for evaluating post-prostatectomy incontinence. Anticancer Research. 2016;36(8);4293-4298	2
11409	Y. C. W. Ou, W. C.Chang, K. S.Mei, C. E.Yang, C. K.Hung, S. W.Wang, J.Tung, M. C., Prophylactic robotic-assisted laparoscopic radical prostatectomy for preoperative suspicion of prostate cancer: Experience with 55 cases. Anticancer Research. 2016;36(9);4895-4901	3
11410	S. P. Gueli Alletti, M.Vizzielli, G.Bottoni, C.Nardelli, F.Costantini, B.Quagliozzi, L.Gallotta, V.Scambia, G.Fagotti, A., Minimally invasive versus standard laparotomic interval debulking surgery in ovarian neoplasm: A single-institution retrospective case-control study. Gynecologic Oncology. 2016;143(3);516-520	2
11411	G. P. Pahouja, K.Ricchiuti, D. J., Chylous ascites as a complication of left sided robot-assisted laparoscopic partial nephrectomy. Archivio Italiano di Urologia e Andrologia. 2016;88(3);217-222	3

11412	T. K. Takagi, T.Tachibana, H.Iizuka, J.Omae, K.Kobayashi, H.Yoshida, K.Hashimoto, Y.Tanabe, K., A propensity score-matched comparison of surgical precision obtained by using volumetric analysis between robot-assisted laparoscopic and open partial nephrectomy for T1 renal cell carcinoma: a retrospective non-randomized observational study of initial outcomes. International Urology and Nephrology. 2016;48(10);1585-1591	13
11413	C. A. L. Unger, M. P.Ridgeway, B., Risk factors for robotic gynecologic procedures requiring conversion to other surgical procedures. International Journal of Gynecology and Obstetrics. 2016;135(3);299-303	3
11414	E. J. S. G. Lehr, T.Smith, R. L.Grossi, E. A.Shemin, R. J.Rodriguez, E.Ailawadi, G.Agnihotri, A. K.Fayers, T. M.Clark Hargrove, W.Hummel, B. W.Khan, J. H.Chris Malaisrie, S.Mehall, J. R.Murphy, D. A.Ryan, W. H.Salemi, A.Segurola, R. J.Michael Smith, J.Alan Wolfe, J.Weldner, P. W.Barnhart, G. R.Goldman, S. M.Lewis, C. T. P., Minimally invasive mitral valve surgery III training and robotic-assisted approaches. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2016;11(4);260-267	8
11415	G. C. Corrado, G.Saltari, M.Mancini, E.Sindico, S.Vici, P.Sergi, D.Sperduti, I.Patrizi, L.Pomati, G.Baiocco, E.Vizza, E., Surgical and Oncological Outcome of Robotic Surgery Compared with Laparoscopic and Abdominal Surgery in the Management of Locally Advanced Cervical Cancer after Neoadjuvant Chemotherapy. International Journal of Gynecological Cancer. 2016;26(3);539-546	13
11416	H. Y. Sang, C.Liu, F.Yun, J.Jin, G.Chen, F., A zero phase adaptive fuzzy Kalman filter for physiological tremor suppression in robotically assisted minimally invasive surgery. International Journal of Medical Robotics and Computer Assisted Surgery. 2016;12(4);658-669	3
11417	O. D. A. Martin Garzon, R. A.Brunacci, L.Ramirez-Troche, N. E.Navarro, L. M.Hernandez, L. C.Bragayrac, L. N.Noguera, R. J. S., One-Year Outcome Comparison of Laparoscopic, Robotic, and Robotic Intrafascial Simple Prostatectomy for Benign Prostatic Hyperplasia. Journal of Endourology. 2016;30(3);312-318	13
11418	Y. S. H. Kwon, C. S.Yu, J. W.Kim, S.Modi, P.Davis, R.Park, J. H.Lee, P.Ha, Y. S.Kim, W. J.Kim, I. Y., Neutrophil and Lymphocyte Counts as Clinical Markers for Stratifying Low-Risk Prostate Cancer. Clinical Genitourinary Cancer. 2016;14(1);e1-e8	3
11419	S. G. S. Kang, O.Haidar, A. M.Samavedi, S.Palmer, K. J.Cheon, J.Patel, V. R., Overall rate, location, and predictive factors for positive surgical margins after robot-assisted laparoscopic radical prostatectomy for high-risk prostate cancer. Asian Journal of Andrology. 2016;18(1);123-128	2
11420	J. P. Kang, Y. A.Baik, S. H.Sohn, S. K.Lee, K. Y., A Comparison of Open, Laparoscopic, and Robotic Surgery in the Treatment of Right-sided Colon Cancer. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2016;26(6);497-502	12
11421	T. C. L. Chen, J. T., Robotic Lateral Pelvic Lymph Node Dissection for Distal Rectal Cancer. Diseases of the Colon and Rectum. 2016;59(4);351-352	3
11422	A. C. Plym, F.Voss, M.Holmberg, L.Johansson, E.Stattin, P.Lambe, M., Work Disability After Robot-assisted or Open Radical Prostatectomy: A Nationwide, Population-based Study. European Urology. 2016;70(1);64-71	12
11423	L. T. Nelson, A. F.Jawad, M. A., Robotic sleeve gastrectomy, hiatal hernia repair and anterior fundoplication in a patient with symptomatic GERD. Surgery for Obesity and Related Diseases. 2016;12(4);928-930	3
11424	G. R. Siesto, F.Fiamengo, B.Vitobello, D., Sentinel Node Mapping Using Indocyanine Green and Near-infrared Fluorescence Imaging Technology for Uterine Malignancies: Preliminary Experience With the Da Vinci Xi System. Journal of Minimally Invasive Gynecology. 2016;23(4);470-471	3

11425	P. D. Stadler, L.Vitasek, P.Matous, P., Robot assisted Aortic and Non-aortic Vascular Operations. European Journal of Vascular and Endovascular Surgery. 2016;52(1);22-28	3
11426	E. I. G. Lewis, A. R., The role of hysteroscopic and robot-assisted laparoscopic myomectomy in the setting of infertility. Clinical Obstetrics and Gynecology. 2016;59(1);53-65	8
11427	G. D. Coyan, E., Resection of supernumerary intrathoracic rib using robotic-assisted video-assisted thoracoscopic surgery. Surgical and Radiologic Anatomy. 2016;38(4);415-417	3
11428	B. M. B. Sert, J. F.Ahmad, S.Jackson, A. L.Stavitzski, N. M.Dahl, A. A.Holloway, R. W., Robot-assisted versus open radical hysterectomy: A multi-institutional experience for early-stage cervical cancer. European Journal of Surgical Oncology. 2016;42(4);513-522	13
11429	S. H. L. Chen, Z. A.Du, X. P., Robot-assisted versus conventional laparoscopic surgery in the treatment of advanced stage endometriosis: A meta-analysis. Clinical and Experimental Obstetrics and Gynecology. 2016;43(3);422-426	8
11430	M. Lenzen-Schulte, Robot-assisted visceral surgery: Operating in a minimally invasive manner as if the situs were open. Deutsches Arzteblatt International. 2016;113(26);145-153	10
11431	A. Y. L. Chan, J. J.Mnatsakanyan, L.Sazgar, M.Sen-Gupta, I.Hsu, F. P. K.Vadera, S., Robot-assisted placement of depth electrodes along the long Axis of the amygdalohippocampal complex. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management. 2016;6;38-41	3
11432	M. S. S. Guy, J.Behbakht, K.Wright, J. D.Guntupalli, S. R., Comparative outcomes in older and younger women undergoing laparotomy or robotic surgical staging for endometrial cancer Presented at the Annual Clinical Congress in the Surgical Forum of the American College of Surgeons, San Francisco, CA, Oct. 26-30, 2014. American Journal of Obstetrics and Gynecology. 2016;214(3);e1-350	13
11433	Y. Z. Wang, G. H.Yang, H.Lin, J., A Pooled Analysis of Robotic Versus Laparoscopic Surgery for Total Mesorectal Excision for Rectal Cancer. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2016;26(3);259-264	8
11434	E. N. Rodriguez, L. W.Bonatti, J.Casula, R.Falk, V.Folliguet, T. A.Kiaii, B. B.Mack, M. J.Mihaljevic, T.Smith, J. M.Suri, R. M.Bavaria, J. E.MacGillivray, T. E.Chitwood, W. R., Pathway for Surgeons and Programs to Establish and Maintain a Successful Robot-Assisted Adult Cardiac Surgery Program. Annals of Thoracic Surgery. 2016;102(1);340-344	2
11435	D. J. M. Whellan, M. M.Taylor, B. S.Rosengart, T. K.Wallace, A. S.Shroyer, A. L. W.Gammie, J. S.Peterson, E. D., Trends in Robotic-Assisted Coronary Artery Bypass Grafts: A Study of the Society of Thoracic Surgeons Adult Cardiac Surgery Database, 2006 to 2012. Annals of Thoracic Surgery. 2016;102(1);140-146	13
11436	J. M. P. Stahl, H. S.Silasi, D. A.Azodi, M.Damast, S., Influence of robotic-assisted laparoscopic hysterectomy on vaginal cuff healing and brachytherapy initiation in endometrial carcinoma patients. Practical Radiation Oncology. 2016;6(4);226-232	4
11437	E. B. C. Pitt, D. B.Chen, Y.Neimat, J. S.Webster, R. J.Barth, E. J., Follow-the-leader deployment of steerable needles using a magnetic resonance-compatible robot with stepper actuators. Journal of Medical Devices, Transactions of the ASME. 2016;10(2) (no pagination);	8

11438	N. Y. H. Kim, D. W.Koh, J. C.Rha, K. H.Hong, J. H.Park, J. M.Kim, S. Y., Effect of dexmedetomidine on heart rate-corrected QT and T<inf>peak</inf>-T<inf>end</inf> intervals during robot-assisted laparoscopic prostatectomy with steep trendelenburg position: A prospective, randomized, double-blinded, controlled study. Medicine (United States). 2016;95(19) (no pagination);	3
11439	F. O. Z. Velez-Cubian, W. W.Rodriguez, K. L.Thau, M. R.Ng, E. P.Moodie, C. C.Garrett, J. R.Fontaine, J. P.Toloza, E. M., Effect of small body habitus on peri-operative outcomes after robotic-assisted pulmonary lobectomy: Retrospective analysis of 208 consecutive cases. Journal of Thoracic Disease. 2016;8(6);1245-1249	3
11440	N. G. Sarli, G. D.Herrell, D. S.Simaan, N., A resectoscope for robot-assisted transurethral surgery. Journal of Medical Devices, Transactions of the ASME. 2016;10(2) (no pagination);	8
11441	J. C. Y. Kim, C. S.Lim, S. B.Park, I. J.Kim, C. W.Yoon, Y. S., Comparative analysis focusing on surgical and early oncological outcomes of open, laparoscopy-assisted, and robot-assisted approaches in rectal cancer patients. International Journal of Colorectal Disease. 2016;31(6);1179-1187	12
11442	V. C. Calcaterra, H.Fonte, M. L.De Amici, M.Vandoni, M.Albanesi, M.Pelizzo, G., Long-term outcome after robotic-assisted gastroplication in adolescents: Hunger hormone and food preference changes two case reports. JCRPE Journal of Clinical Research in Pediatric Endocrinology. 2016;8(2);250-256	5
11443	I. O. Alanbay, M.Karasahin, K. E.Fidan, U.Yenen, M. C., Removal of Large Uterus Through Vagina during Robot-Assisted Laparoscopic Hysterectomy. Journal of Gynecologic Surgery. 2016;32(3);207-210	3
11444	D. N. G. Brown, J. M., Unidirectional Barbed Suture for Vaginal-Cuff Closure in Laparoscopic and Robotic Hysterectomy. Journal of Gynecologic Surgery. 2016;32(3);167-172	2
11445	K. I. K. Kim, D. K.Juh, H. S.Khurana, S.Rhyu, K. H., Robot-assisted total knee arthroplasty in haemophilic arthropathy. Haemophilia. 2016;22(3);446-452	5
11446	J. H. K. Pyun, H. K.Cho, S.Kang, S. G.Cheon, J.Lee, J. G.Kim, J. J.Kang, S. H., Robot-assisted radical cystectomy with total intracorporeal urinary diversion: Comparative analysis with extracorporeal urinary diversion. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2016;26(5);349-355	3
11447	B. P. Gershman, S. P.McGovern, F. J.Dahl, D. M.Tabatabaei, S.Gettman, M. T.Frank, I.Carlson, R. E.Rangel, L. J.Barry, M. J.Blute, M. L.Karnes, R. J., Patient-reported Functional Outcomes Following Open, Laparoscopic, and Robotic Assisted Radical Prostatectomy Performed by High-volume Surgeons at High-volume Hospitals. European Urology Focus. 2016;2(2);172-179	12
11448	V. D. E. Pai, R.Patil, P. S.Arya, S.Desouza, A. L.Saklani, A. P., Selective extra levator versus conventional abdomino perineal resection: Experience from a tertiary-care center. Journal of Gastrointestinal Oncology. 2016;7(3);354-359	2
11449	T. K. Molloy, A.Piwowarski, A., Robotic-Assisted Removal of Intracardiac Cement after Percutaneous Vertebroplasty. Annals of Thoracic Surgery. 2016;101(5);1974-1976	3
11450	A. Y. B. C. Teoh, P. W. Y.Liu, S. Y. W.Wong, S. K. H.Ng, E. K. W., Techniques in robotic D2 subtotal gastrectomy. Surgical Practice. 2016;20(2);98-98	8
11451	J. J. R. Melquist, G.Delacroix, S.Park, A.Faria, E. E.Karam, J. A.Matin, S. F., Comparison of Single-docking Robotic-assisted and Traditional Laparoscopy for Retroperitoneal Lymph Node Dissection during Nephroureterectomy with Bladder Cuff Excision for Upper-tract Urothelial Carcinoma. Urology. 2016;87;216-223	13

11452	B. Y. Yuh, X.Raytis, J.Lew, M.Fong, Y.Lau, C., Use of a mobile tower-based robot - The initial Xi robot experience in surgical oncology. Journal of Surgical Oncology. 2016;113(1);44688	3
11453	R. J. Cerfolio, Robotic sleeve lobectomy: Technical details and early results. Journal of Thoracic Disease. 2016;8(Supplement2);S223-S226	8
11454	K. L. S. Kuo, Y. F.Wu, C. H.Tsai, C. Y.Chang, C. H.Lin, C. L.Tsai, T. H., Assessing the intraoperative accuracy of pedicle screw placement by using a bone- Mounted miniature robot system through secondary registration. PLoS ONE. 2016;11(4) (no pagination);	3
11455	Y. X. Sun, H.Li, Z.Han, J.Song, W.Wang, J.Xu, Z., Robotic versus laparoscopic low anterior resection for rectal cancer: A meta-analysis. World Journal of Surgical Oncology. 2016;14(1) (no pagination);	8
11456	R. B. Yadav, S.Gupta, N. P., Selective indication for check cystogram before catheter removal following robot assisted radical prostatectomy. Indian Journal of Urology. 2016;32(2);120-123	3
11457	N. P. M. Gupta, A.Kumar, A.Yadav, R., Analysis of outcome following robotic assisted radical prostatectomy for patients with high risk prostate cancer as per D'Amico classification. Indian Journal of Urology. 2016;32(2);115-119	3
11458	D. B. L. O'Kane, N.Bolton, D. M., Prostate cancer nodal oligometastasis accurately assessed using prostate-specific membrane antigen positron emission tomography-computed tomography and confirmed histologically following robotic-assisted lymph node dissection. Urology Annals. 2016;8(2);255-257	3
11459	M. S. Baggish, Sixty-Four Cases of Major Vessel Injury Associated with Laparoscopic Surgery. Journal of Gynecologic Surgery. 2016;32(2);73-78	3
11460	M. D. Ulubay, M.Ozturk, M.Keskin, U.Fidan, U.Alanbay, I.Yenen, M. C., Comparison of Robotic-Assisted and Abdominal Hysterectomy with Concomitant Burch Colposuspension. Journal of Gynecologic Surgery. 2016;32(2);119-123	13
11461	P. D. Ciudad, S.Lee, M. H.Torto, F. L.Nicoli, F.Araki, J.Chen, H. C., Robotic harvest of a right gastroepiploic lymph node flap. Archives of Plastic Surgery. 2016;43(2);210-212	3
11462	J. J. R. Tosoian, D. K.Gorin, M. A.Hortopan, S.Partin, A. W.Pienta, K. J.Ross, A. E.Schaeffer, E. M., A Novel Approach for Performing Bone Marrow Aspiration at the Time of Radical Prostatectomy. Urology Case Reports. 2016;6;45-46	2
11463	E. A. Rajih, N.Alenizi, A. M.El-Hakim, A., Feasibility of planned mini-laparotomy and adhesiolysis at the time of robotic-assisted radical prostatectomy in patients with prior major abdominal surgery. Canadian Urological Association Journal. 2016;10(3-4);E125-E129	3
11464	D. R. B. Clayburgh, J. K.Bonfili, J.Duvvuri, U., Intraoperative Ultrasonography during Transoral Robotic Surgery. Annals of Otology, Rhinology and Laryngology. 2016;125(1);37-42	3
11465	K. M. Oiwa, S.Ishii, C., Maneuverability evaluation of a surgical robot for single-port surgery. International Journal of Pharma Medicine and Biological Sciences. 2016;5(1);38-43	2
11466	S. O. Maeda, K.Ishii, C., Scaling method for force feedback of forceps manipulator based on beam theory. International Journal of Pharma Medicine and Biological Sciences. 2016;5(1);23-30	2
11467	T. L. M. Beck, C. B.Gray, H. J.Goff, B. A.Urban, R. R.Liao, J. B., Route of hysterectomy and surgical outcomes from a statewide gynecologic oncology population: Is there a role for vaginal hysterectomy?. American Journal of Obstetrics and Gynecology. 2016;214(3);e1-348	2

11468	D. S. Herz, J.McLeod, D.Schober, M.Preece, J.Merguerian, P., Robot-assisted laparoscopic management of duplex renal anomaly: Comparison of surgical outcomes to traditional pure laparoscopic and open surgery. Journal of Pediatric Urology. 2016;12(1);e1-44	3
11469	T. E. J. M. Ind, C.Hacking, M.Harris, M.Bishop, L.Barton, D.Bridges, J. E.Shepherd, J. H.Nobbenhuis, M., Introducing robotic surgery into an endometrial cancer service-a prospective evaluation of clinical and economic outcomes in a UK institution. International Journal of Medical Robotics and Computer Assisted Surgery. 2016;12(1);137-144	13
11470	W. T. Gao, K. K.Liang, W.Gan, C. W.Lim, H. Y., Intelligent vision guide for automatic ventilation grommet insertion into the tympanic membrane. International Journal of Medical Robotics and Computer Assisted Surgery. 2016;12(1);18-31	2
11471	B. V. Peyronnet, S.Tondut, L.Bensalah, K.Damphousse, M.Manunta, A., Artificial urinary sphincter implantation in women with stress urinary incontinence: preliminary comparison of robot-assisted and open approaches. International Urogynecology Journal and Pelvic Floor Dysfunction. 2016;27(3);475-481	12
11472	E. Y. M. Joo, Y. J.Yoon, S. H.Chin, J. H.Hwang, J. H.Kim, Y. K., Comparison of acute kidney injury after robot-assisted laparoscopic radical prostatectomy versus retropubic radical prostatectomy a propensity score matching analysis. Medicine (United States). 2016;95(5) (no pagination);	4
11473	S. W. Tai, J.Zhou, J.Hao, Z.Shi, H.Zhang, Y.Liang, C., The robotic-assisted laparoscopy, isthmusectomy, and pyeloplasty in a patient with horseshoe kidney: A case report. Medicine (United States). 2016;95(2) (no pagination);	3
11474	M. C. P. Ward, Y. D.Kotecha, R.Zakem, S. J.Murray, E.Greskovich, J. F., Clinical and dosimetric implications of intensity-modulated radiotherapy for early-stage glottic carcinoma. Medical Dosimetry. 2016;41(1);64-69	2
11475	S. H. Shah, U.Naithani, B.Bhargava, A., Cryoprobe as a novel tool in difficult airway management for trans-oral robotic surgery. Sri Lankan Journal of Anaesthesiology. 2016;24(1);44-45	3
11476	A. I. Pontoriero, G.Mondello, S.Midili, F.Siragusa, C.Brogna, A.Ielo, I.Anastasi, G.Magno, C.Pergolizzi, S.De Renzis, C., High-Dose Robotic Stereotactic Body Radiotherapy in the Treatment of Patients With Prostate Cancer: Preliminary Results in 26 Patients. Technology in Cancer Research and Treatment. 2016;15(1);179-185	2
11477	B. A. K. Zwischenberger, N.Zwischenberger, J. B.Martin, J. T., Laparoscopic robot-assisted diaphragm plication. Annals of Thoracic Surgery. 2016;101(1);369-371	3
11478	K. R.-L. Owens, C., Bilateral Otorrhagia Discovered at the Completion of a Robotic Bilateral Salpingo-Oophorectomy. Journal of Gynecologic Surgery. 2016;32(1);70-72	3
11479	T. S. Toubia, L.Wegienka, G.Sangha, R., Extended Length of Stay after Robotic-Assisted Hysterectomy: Association with Uterine Weight and Other Risk Factors. Journal of Gynecologic Surgery. 2016;32(1);19-23	3
11480	H. R. N. T. Sato, A.McGonigle, K. F.Muntz, H. G., Avoiding Morcellation of Laparoscopic Hysterectomy Specimens with Preoperative Measurement of Uterine Volume. Journal of Gynecologic Surgery. 2016;32(1);44722	3
11481	G. O. L. Chong, Y. H.Hong, D. G.Cho, Y. L.Lee, Y. S., Long-Term Efficacy of Laparoscopic or Robotic Adenomyomectomy with or without Medical Treatment for Severely Symptomatic Adenomyosis. Gynecologic and Obstetric Investigation. 2016;81(4);346-352	3

11482	A. C. W. Weinberg, M. J.Paulucci, D. J.Woldu, S.Deibert, C. M.Korets, R.Badani, K. K., Utilization of the Robotic Surgical Platform for Radical Nephrectomy: A National Comparison of Trends for Open, Laparoscopic and Robotic Approaches. Urology Practice. 2016;3(3);187-194	4
11483	R. J. S. Cerfolio, B. L.Watson, C.Sparrow, J.Belopolsky, V.Townsley, M.Lyerly, R.Downing, M.Bryant, A.Gurley, W. Q.Henling, C.Crawford, J.Gayeski, T. E., Decreasing the preincision time for pulmonary lobectomy: The process of lean and value stream mapping. Annals of Thoracic Surgery. 2016;101(3);1110-1115	3
11484	A. A. Vora, V.Singh, P.Patel, R.Rivas, R.Nething, J.Muruve, N., Single-institution comparative study on the outcomes of salvage cryotherapy versus salvage robotic prostatectomy for radio-resistant prostate cancer. Prostate International. 2016;4(1);44752	2
11485	J. Baekelandt, Robotic vaginally assisted NOTES hysterectomy: the first case series demonstrating a new surgical technique. Gynecological Surgery. 2016;13(1);57-62	3
11486	A. J. Abdelaziz, S.Abuzeid, M., Broad ligament uterine fibroid: Management with Davinci robotic myomectomy. Middle East Fertility Society Journal. 2016;21(1);65-68	3
11487	C. P. Razavi, C.Samara, G.Marzouk, M., Robot-assisted sialolithotomy with sialendoscopy for the management of large submandibular gland stones. The Laryngoscope. 2016;126(2);345-351	3
11488	M. P. Mura, S.Ciuti, G.Ferrari, V.Freschi, C.Ferrari, M.Dario, P.Menciassi, A., A computer-assisted robotic platform for vascular procedures exploiting 3D US-based tracking. Computer assisted surgery (Abingdon, England). 2016;21(1);63-79	2
11489	L. J. S. Vitone, M.Selvasekar, C. R., Hybrid robotic posterior pelvic clearance - a video vignette. Colorectal disease : the official journal of the Association of Coloproctology of Great Britain and Ireland. 2016;18(6);626-627	8
11490	L. B. Wei, V.Murashita, T.Raffa, G., Robotic mitral repair with sliding leaflet valvuloplasty and remodelling partial annuloplasty. Multimedia manual of cardiothoracic surgery : MMCTS. 2017;;	3
11491	M. E. U. Stack, K., Robotic-Assisted Transanal Repair of a Rectovaginal Fistula. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2016;20(12);2106	3
11492	L. P. Chenin, J.Lefranc, M., Minimally invasive transforaminal lumbar interbody fusion with the ROSA^{TM} Spine robot and intraoperative flat-panel CT guidance. Acta Neurochirurgica. 2016;158(6);1125-1128	3
11493	D. S. Sanderson, R.Ghomi, A., Robot-Assisted Laparoscopic Myomectomy: A Comparison of Techniques. Journal of Gynecologic Surgery. 2016;32(6);329-334	3
11494	J. O. B.-I. Wee, C. E.Jaklitsch, M. T., Early Experience of Robot-Assisted Esophagectomy with Circular End-to-End Stapled Anastomosis. Annals of Thoracic Surgery. 2016;102(1);253-259	2
11495	J. H. Boone, M. G. G.Schipper, M. E. I.Vleggaar, F. P.Rinkes, I. H. M. B.de Haas, R. J.Ruurda, J. P.Van Hillegersberg, R., Sentinel node biopsy during thoracolaparoscopic esophagectomy for advanced esophageal cancer. World Journal of Surgical Oncology. 2016;14(1) (no pagination);	3
11496	A. S. Sanchez, R.Rodriguez, O.Sanchez, R.Rosciano, J.Vegas, L.Rojas, A.Arevalo, N., Robot-assisted inguinal video endoscopic lymphadenectomy in the treatment of melanoma. Revista Venezolana de Oncologia. 2016;28(2);98-103	3

11497	A. L. H. MacDonald, M.Clarke, S. A., Learning Curves in Pediatric Minimally Invasive Surgery: A Systematic Review of the Literature and a Framework for Reporting. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2016;26(8);652-659	8
11498	P. S. Jenjitranant, P.Sirisreetreerux, P.Viseshsindh, W.Patcharatrakul, S.Kongcharoensombat, W., Retzius Space Preservation Technique for Robotic-Assisted Laparoscopic Radical Prostatectomy in a Kidney Transplant Patient: First Case in Thailand and Our First Experience. Transplantation Proceedings. 2016;48(9);3130-3133	3
11499	R. T. Memeo, S.De Blasi, V.Dehlawi, A.Untereiner, X.Rodriguez, M.Mutter, D.Marescaux, J.Pessaux, P., Robotic pancreaticoduodenectomy: Operative steps (With Video). Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2016;26(5);e91-e94	3
11500	N. K. Saji, K.Tateishi, Y.Fujimoto, S.Kaneko, N.Urabe, T.Tsujino, A.Iguchi, Y.daVinci Study, Group, Safety and efficacy of non-vitamin K oral anticoagulant treatment compared with warfarin in patients with non-valvular atrial fibrillation who develop acute ischemic stroke or transient ischemic attack: a multicenter prospective cohort study (daVinci study). Journal of Thrombosis and Thrombolysis. 2016;42(4);453-462	2
11501	B. A. S. Yerokun, Z.Jeffrey Yang, C. F.Gulack, B. C.Speicher, P. J.Adam, M. A.D'Amico, T. A.Onaitis, M. W.Harpole, D. H.Berry, M. F.Hartwig, M. G., Minimally Invasive Versus Open Esophagectomy for Esophageal Cancer: A Population-Based Analysis. Annals of Thoracic Surgery. 2016;102(2);416-423	8
11502	S. T. Hasegawa, R.Hida, K.Kawada, K.Sakai, Y., Revisiting the treatment strategy for rectal cancer through the pattern of local recurrence. European Journal of Surgical Oncology. 2016;42(11);1674-1679	4
11503	E. D. Mahmud, A.Bahadorani, J., First-in-human robotic percutaneous coronary intervention for unprotected left main stenosis. Catheterization and Cardiovascular Interventions. 2016;88(4);565-570	2
11504	X. X. P. Liu, H. F.Jiang, Z. W.Zhang, S.Wang, Z. M.Chen, P.Zhao, Y.Wang, G.Zhao, K.Li, J. S., Fast-track and "minimally invasive" surgery for gastric cancer. Chinese Medical Journal. 2016;129(19);2294-2300	12
11505	H. A. C. Coca, H.Benmekhbi, M.Chenard, M. P.Entz-Werle, N.Proust, F., Diffuse intrinsic pontine gliomas in children: Interest of robotic frameless assisted biopsy. A technical note. Neurochirurgie. 2016;62(6);327-331	8
11506	M. P. Lefranc, J., Evaluation of the ROSATM Spine robot for minimally invasive surgical procedures. Expert Review of Medical Devices. 2016;13(10);899-906	8
11507	J. R. V.-C. Glover, F. O.Zhang, W. W.Toosi, K.Tanvetyanon, T.Ng, E. P.Moodie, C. C.Garrett, J. R.Fontaine, J. P.Toloza, E. M., Effect of gender on perioperative outcomes after robotic-assisted pulmonary lobectomy. Journal of Thoracic Disease. 2016;8(12);3614-3624	3
11508	L. E. G.-S. Gomez-Sanchez, O. A.del Sol-Garcia, M.Rojas-Jaimes, R. A., Minimally invasive and robot-assisted coronary revascularization: First experience in Mexico. Revista Mexicana de Anestesiologia. 2016;39(4);295-298	5
11509	S. S. S. Hong, S. Y.Shin, H. J.Cui, L. H.Hur, H.Han, S. U., Can robotic gastrectomy surpass laparoscopic gastrectomy by acquiring long-term experience? A propensity score analysis of a 7-year experience at a single institution. Journal of Gastric Cancer. 2016;16(4);240-246	12
11510	Z. F. Badar, Z.Zaccarini, D.Ezhapilli, S. R., Tongue base schwannoma: differential diagnosis and imaging features with a case presentation. Radiology Case Reports. 2016;11(4);336-340	3

11511	D. M. Tryon, K.Alsyouf, M.Conceicao, C.Peplinski, B.Arenas, J. L.Faaborg, D.Ruckle, H. C.Baldwin, D. D., Renal Vascular Clamp Placement: A Potential Cause of Incomplete Hilar Control during Partial Nephrectomy. Journal of Urology. 2016;195(3);756-762	7
11512	S. W. A. Bell, I.Jones, B.MacLean, A.Rowe, P.Blyth, M., Improved accuracy of component positioning with robotic-assisted unicompartmental knee arthroplasty. Journal of Bone and Joint Surgery - American Volume. 2016;98(8);627-635	4
11513	A. M. Panos, P. O., Robotic coronary revascularisation. Kardiovaskulare Medizin. 2016;19(10);261-263	3
11514	A. S. S. Walker, S. R., The future of robotic instruments in colon and rectal surgery. Seminars in Colon and Rectal Surgery. 2016;27(3);144-149	8
11515	M. D. M. Whealon, Z.Carmichael, J. C., Robotic ventral rectopexy. Seminars in Colon and Rectal Surgery. 2016;27(3);160-165	8
11516	K. D. C. Stensland, K.Hobbs, A. R.Haines, L.Collingwood, S. A.Kwon, Y. S.Hall, S. J.Katsigeorgis, M.Jazayeri, S. B.Samadi, D. B., Are magnetic resonance imaging undetectable prostate tumours clinically significant? Results of histopathological analyses. Arab Journal of Urology. 2016;14(4);256-261	2
11517	J. V. P. Gahagan, A., Robotic low anterior resection. Seminars in Colon and Rectal Surgery. 2016;27(3);150-154	8
11518	J. A. F. Waters, T. D., Robotic approach to colon resection. Seminars in Colon and Rectal Surgery. 2016;27(3);136-143	8
11519	A. R. C. Bhama, R. K., Setup and positioning in robotic colorectal surgery. Seminars in Colon and Rectal Surgery. 2016;27(3);130-133	8
11520	S. R. L. Kelley, D. W., Robotic abdominoperineal resection. Seminars in Colon and Rectal Surgery. 2016;27(3);155-159	8
11521	G. C. Veronesi, R.Cingolani, R.Rueckert, J. C.Soler, L.Toker, A.Cariboni, U.Bottoni, E.Fumagalli, U.Melfi, F.Milli, C.Novellis, P.Voulaz, E.Alloisio, M., Report on first international workshop on robotic surgery in thoracic oncology. Frontiers in Oncology. 2016;6(OCT) (no pagination);	8
11522	H. B. Y. Zaid, D. Y.Tollefson, M. K.Frank, I.Parker, W. P.Thompson, R. H.Karnes, R. J.Boorjian, S. A., Safety and Efficacy of Extended Duration of Thromboembolic Prophylaxis Following Radical Cystectomy: An Initial Institutional Experience. Urology Practice. 2016;3(6);462-467	2
11523	O. G. Akinola, L.Welliver, C.Mechlin, C. W.Fisher, H. A. G.Mian, B. M.Kaufman, R. P.McCullough, A. R., Preoperative PDE5i use is a prognostic metric for poor postoperative erectile function in men undergoing radical prostatectomy: An addition to patient counseling. Journal of Clinical Urology. 2016;9(6);397-403	2
11524	J. Wan, This Month in Pediatric Urology. Journal of Urology. 2016;196(1);44624	8
11525	V. E. I. I. G.-N. S.-L. Corona-Montes, A.Quinzanos-Sordo, L. F.Zapata-Gonzalez, J. A., Robotic-assisted pyeloplasty plus simultaneous litholapaxy through trans-trocar flexible cystoscopy. Revista Mexicana de Urologia. 2016;76(5);327-330	3
11526	M. D. M. De Smet, T. C. M.Janssens, T.Vanheukelom, V.Naus, G. J. L.Beelen, M. J.Meers, C.Jonckx, B.Stassen, J. M., Robotic assisted cannulation of occluded retinal veins. PLoS ONE. 2016;11(9) (no pagination);	7
11527	N. T. Garcia-Henriquez, E. M.Khalil, F.Echavarria, M. F.Garrett, J. R.Moodie, C. C.Kaszuba, F. J.Fontaine, J. P., Extensive plastic bronchitis: Etiology of a rare condition. Journal of Thoracic Disease. 2016;8(9);E961-E965	3
11528	D. M. Bu Ali, F.Kang, S. W.Kandil, E., Robot-assisted parathyroidectomy. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2016;27(3);167-171	3
11529	E. P. V.-C. Ng, F. O.Rodriguez, K. L.Thau, M. R.Moodie, C. C.Garrett, J. R.Fontaine, J. P.Toloza, E. M., Surgical outcomes associated with postoperative atrial fibrillation after robotic-assisted pulmonary lobectomy: Retrospective review of 208 consecutive cases. Journal of Thoracic Disease. 2016;8(8);2079-2085	3
11530	N. M. Katelaris, D.Lawrentschuk, N.Katelaris, A.Moon, D., Cytoreductive surgery for men with metastatic prostate cancer. Prostate International. 2016;4(3);103-106	5

11531	J. W. S. Motkoski, G. R., Why robots entered neurosurgery. Neuromethods. 2016;116;85-105	8
11532	J. Baekelandt, Robotic vaginal NOTES hysterectomy: Two new surgical techniques. Journal of Gynecologic Surgery. 2016;32(5);270-277	5
11533	M. C. Ranes, S. J.Vaught, J.Greves, C. E., Robot-assisted laparoscopic myomectomy versus abdominal myomectomy: A retrospective comparison of short-term surgical outcomes. Journal of Reproductive Medicine. 2016;61(5);416-420	13
11534	S. H. Wang, J.Singh, D.Althoefer, K.Rhode, K., Design, testing and modelling of a novel robotic system for trans-oesophageal ultrasound. International Journal of Medical Robotics and Computer Assisted Surgery. 2016;12(3);342-354	2
11535	A. X. Squires, S.Seifabadi, R.Chen, Y.Agarwal, H.Bernardo, M.Negussie, A.Pinto, P.Choyke, P.Wood, B.Ho Tse, Z. T., Robot for magnetic resonance imaging guided focal prostate laser ablation. Journal of Medical Devices, Transactions of the ASME. 2016;10(3) (no pagination);	8
11536	S. G. Wang, P.Fan, L.Zhao, B.Zhang, P.Hu, Y.Li, B., A bone milling robot for spinal surgery. Journal of Medical Devices, Transactions of the ASME. 2016;10(3) (no pagination);	2
11537	A. B. Pracht, N.Oleynikov, D.Terry, B. S., Telestrative and telesurgical application for a generic surgical robot. Journal of Medical Devices, Transactions of the ASME. 2016;10(3) (no pagination);	8
11538	C. J. Pettenati, A. S.Hurel, S.Verkarre, V.Kreis, H.Housset, M.Legendre, C.Mejean, A.Timsit, M. O., Prostate cancer characteristics and outcome in renal transplant recipients: results from a contemporary single center study. Clinical Transplantation. 2016;30(8);964-971	3
11539	T. D. M. Tillmanns, A.Ulm, M. A.Lee, D.Lowe, P.Kumar, S., Vaginal Cuff Closure in Robotic Hysterectomy: A Randomized Controlled Trial Comparing Barbed Versus Standard Suture. Journal of Gynecologic Surgery. 2016;32(4);215-219	2
11540	T. S. W. Lai, J. W. H.Carney, M. E., Robotic Assisted Resection of a Non-Communicating Uterine Horn Ectopic Pregnancy. Journal of Gynecologic Surgery. 2016;32(4);242-244	3
11541	E. S. Y. Y. Chan, C. H.Chiu, P. K. F.Chan, C. K.Tam, M. H. M.Ng, C. F., Effects of an autologous fibrin sealant on lymphatic leakage after radical cystectomy: A matched case-control study. Surgical Practice. 2016;20(3);119-123	2
11542	J. P. S. Mullin, S.Gonzalez-Martinez, J., Stereo-Electro-Encephalo-Graphy (SEEG) With Robotic Assistance in the Presurgical Evaluation of Medical Refractory Epilepsy: A Technical Note. Journal of visualized experiments : JoVE. 2016;;	8
11543	M. N.-S. Tobias-Machado, I.Hidaka, A. K.Sato, L. L.Almeida, R.Colombo, J. R.Zampolli, H. C.Pompeo, A. C., Retzus-sparing robotic-assisted laparoscopic radical prostatectomy: a step-by-step technique description of this first brazilian experience. International braz j urol : official journal of the Brazilian Society of Urology. 2016;42(6);1250	3
11544	J. Pavlus, 4. Ingestible Micro Robots. Scientific American. 2016;315(6);36-37	10
11545	L. N.-C. Sessa, C.Germain, A.Ayav, A.Bresler, L.Brunaud, L., Robotic transperitoneal left adrenalectomy for a 10cm pheochromocytoma (with video). Journal of visceral surgery. 2016;153(4);307-308	3
11546	A. J. P. Wright, A. M.Larson, J.Figenshau, R. S., Off-clamp robotic-assisted partial nephrectomy. International braz j urol : official journal of the Brazilian Society of Urology. 2016;42(5);1044-1045	3

11547	H. S. K. Andrade, J. H.Zargar, H.Caputo, P. A.Akca, O.Ramirez, D.Autorino, R.Noble, M.Stein, R. J., Robotic Ureteroureterostomy for Treatment of a Proximal Ureteric Stricture. International braz j urol : official journal of the Brazilian Society of Urology. 2016;42(5);1041-1042	3
11548	H. S. Z. Andrade, H.Caputo, P. A.Akca, O.Ramirez, D.Kara, O.Stein, R. J.Kaouk, J. H., Robotic pyelolithotomy for staghorn nephrolithiasis during partial nephrectomy. International braz j urol : official journal of the Brazilian Society of Urology. 2016;42(3);623-625	3
11549	N. R. Ragavan, M.Kandasamy, N.Reddy, Y. V., Robot-assisted laparoscopic excision of organ of Zuckerkandl. Journal of robotic surgery. 2016;10(4);373-374	3
11550	A. P. D. Sharma, S. K.Bora, G. S.Mavuduru, R.Mandal, A. K., Simultaneous robotic-assisted adrenalectomy and partial nephrectomy: technical aspects. Journal of robotic surgery. 2016;10(2);175-178	3
11551	A. S. Sanchez, R.Rodriguez, O.Sanchez, R.Rosciano, J.Medina, L.Vegas, L., Robot-assisted video endoscopic inguinal lymphadenectomy for melanoma. Journal of robotic surgery. 2016;10(4);369-372	3
11552	Y. J. Zhao, W.Ren, X.Zhang, L.Qiu, T.Fu, B.Wang, L., Left lower lobe sleeve lobectomy for lung cancer using the Da Vinci surgical system. Journal of cardiothoracic surgery. 2016;11(1);59	3
11553	B. S. Z. Duan, G. H.Yang, H.Wang, Y., A Pooled Analysis of Robotic Versus Laparoscopic Surgery for Colon Cancer. Surgical laparoscopy, endoscopy & percutaneous techniques. 2016;26(6);523-530	8
11554	H. R. G. Bosi, J. R.Cavazzola, L. T., Robotic Assisted Single Site for Bilateral Inguinal Hernia Repair. Arquivos brasileiros de cirurgia digestiva : ABCD = Brazilian archives of digestive surgery. 2016;29(2);109-111	3
11555	A. B. Jairath, S. S.Mishra, S.Ganpule, A.Sabnis, R.Desai, M., Robotic repair of vesicovaginal fistula - initial experience. International braz j urol : official journal of the Brazilian Society of Urology. 2016;42(1);168-169	3
11556	W. C. Xie, D.Yang, J.Shen, K.Zhao, L., Robot-assisted surgery versus conventional laparoscopic surgery for endometrial cancer: a systematic review and meta-analysis. Journal of cancer research and clinical oncology. 2016;142(10);2173-2183	8
11557	A. G. S. Kriger, A. V.Berelavichus, S. V.Gorin, D. S.Kaldarov, A. R.Karel'skaya, N. A.Vetsheva, N. N.Kalinin, D. V.Lebedeva, A. N.Dugarova, R. S., Organic hyperinsulinism: radiological diagnostics and surgical treatment. Khirurgiia. 2016;;14-29	3
11558	C. L. Salloum, C.Fuentes, L.Osseis, M.Luciani, A.Azoulay, D., Fusion of Information from 3D Printing and Surgical Robot: An Innovative Minimally Technique Illustrated by the Resection of a Large Celiac Trunk Aneurysm. World journal of surgery. 2016;40(1);245-247	3
11559	E. Sanders, A Comparison of Clinical Outcomes Between HPV Positive and HPV Negative Squamous Cell Carcinomas of the Oropharynx. ORL-head and neck nursing : official journal of the Society of Otorhinolaryngology and Head-Neck Nurses. 2016;34(2);44879	2
11560	D. Y. M. Yang, M. F.Kaimakliotis, H. Z.Cary, K. C.Cheng, L.Koch, M. O., Oncologic and quality-of-life outcomes with wide resection in robot-assisted laparoscopic radical prostatectomy. Urologic Oncology: Seminars and Original Investigations. 2015;33(2);e9-70	3
11561	C. V. Rivard, R. I.Teoh, D., Effect of intraperitoneal bupivacaine on postoperative pain in the gynecologic oncology patient. Journal of Minimally Invasive Gynecology. 2015;22(7);1260-1265	3

11562	G. C. Menderes, M.Tower, A.Azodi, M., External iliac vein injury and repair during robotic-assisted pelvic lymphadenectomy. Journal of Minimally Invasive Gynecology. 2015;22(5);718	3
11563	G. C. Menderes, M.Clark-Donat, L.Azodi, M., Robotic-assisted abdominal cerclage placement during pregnancy and its challenges. Journal of Minimally Invasive Gynecology. 2015;22(5);713-714	3
11564	M. M. Descovich, C.Kannarunimit, D.Chen, J.Pinnaduwage, D.Pouliot, J.Kased, N.Gottschalk, A. R.Yom, S. S., Comparison between target margins derived from 4DCT scans and real-time tumor motion tracking: Insights from lung tumor patients treated with robotic radiosurgery. Medical Physics. 2015;42(3);1280-1287	2
11565	V. C. Modgil, S.Bedi, N.Rukin, N. J.Pearce, I., Social media in urology - what is all the fuss about?. Journal of Clinical Urology. 2015;8(3);160-165	8
11566	B. H. C. Chen, T. L.Kao, C. C.Tsao, C. W.Tang, S. H.Meng, E.Sun, G. H.Yu, D. S.Chang, S. Y.Wu, S. T., Results of early or delayed adjuvant radiotherapy for prostate cancer with adverse pathological tumor characteristics: A single-institute experience. Urological Science. 2015;26(4);235-237	3
11567	A. V. Malpani, S. S.Chen, C. C. G.Hager, G. D., A study of crowdsourced segment-level surgical skill assessment using pairwise rankings. International Journal of Computer Assisted Radiology and Surgery. 2015;10(9);1435-1447	2
11568	S. C. Trastulli, A.Guarino, S.Piagnerelli, R.Annecchiarico, M.Coratti, F.Di Marino, M.Ricci, F.Desiderio, J.Cirocchi, R.Parisi, A., Robotic right colectomy with intracorporeal anastomosis compared with laparoscopic right colectomy with extracorporeal and intracorporeal anastomosis: a retrospective multicentre study. Surgical Endoscopy. 2015;29(6);1512-1521	12
11569	J. O. K. Park, S. Y.Chun, B. J.Joo, Y. H.Cho, K. J.Park, Y. H.Kim, M. S.Sun, D. I., Endoscope-assisted facelift thyroid surgery: an initial experience using a new endoscopic technique. Surgical Endoscopy. 2015;29(6);1469-1475	2
11570	S. Z. Chen, Q.Chen, J. Z.Jin, J. B.Deng, X. X.Chen, H.Shen, B. Y.Peng, C. H.Li, H. W., Robotic approach improves spleen-preserving rate and shortens postoperative hospital stay of laparoscopic distal pancreatectomy: a matched cohort study. Surgical Endoscopy. 2015;29(12);3507-3518	12
11571	A. B. Szold, R.Broeders, I.Dankelman, J.Forgione, A.Lango, T.Melzer, A.Mintz, Y.Morales-Conde, S.Rhodes, M.Satava, R.Tang, C. N.Vilallonga, R., European association of endoscopic surgeons (EAES) consensus statement on the use of robotics in general surgery. Surgical Endoscopy. 2015;29(2);253-288	8
11572	A. B. Balaphas, N. C.Meyer, J.Hagen, M. E.Morel, P., Partial splenectomy in the era of minimally invasive surgery: the current laparoscopic and robotic experiences. Surgical Endoscopy. 2015;29(12);3618-3627	8
11573	I. G. C. Kwon, I.Guner, A.Kim, H. I.Noh, S. H.Hyung, W. J., Minimally invasive surgery as a treatment option for gastric cancer in the elderly: comparison with open surgery for patients 80 years and older. Surgical Endoscopy. 2015;29(8);2321-2330	2
11574	A. R. Rosemurgy, C.Klein, R.Sukharamwala, P.Wood, T.Ross, S., Does the cost of robotic cholecystectomy translate to a financial burden?. Surgical Endoscopy. 2015;29(8);2115-2120	4
11575	S. O. Tsuda, D.Gould, J.Azagury, D.Sandler, B.Hutter, M.Ross, S.Haas, E.Brody, F.Satava, R., SAGES TAVAC safety and effectiveness analysis: da Vinci Surgical System (Intuitive Surgical, Sunnyvale, CA). Surgical Endoscopy. 2015;29(10);2873-2884	8
11576	A. H. N. Zureikat, T.Boone, B. A.Wijkstrom, M.Hogg, M. E.Humar, A.Zeh, H., Robotic total pancreatectomy with or without autologous islet cell transplantation: replication of an open technique through a minimal access approach. Surgical Endoscopy. 2015;29(1);176-183	3

11577	A. P. Sampat, I.Kunnavakkam, R.Glick, D. B.Lee, N. K.Tenney, M.Eggener, S.Roth, S., Corneal Abrasion in Hysterectomy and Prostatectomy: Role of Laparoscopic and Robotic Assistance. Anesthesiology. 2015;122(5);994-1001	5
11578	M. A. A. Rettenmaier, L. N.Brown, J. V.Mendivil, A. A.Lopez, K. L.Goldstein, B. H., Dramatically reduced incidence of vaginal cuff dehiscence in gynecologic patients undergoing endoscopic closure with barbed sutures: A retrospective cohort study. International Journal of Surgery. 2015;19;27-30	3
11579	C. M. Di Natali, A.Oetomo, D.Valdastri, P., Surgical robotic manipulator based on local magnetic actuation. Journal of Medical Devices, Transactions of the ASME. 2015;9(3) (no pagination);	8
11580	F. P. B. Wieringa, H.Eendebak, P. T.Van Basten, J. P. A.Beerlage, H. P.Smits, G. A. H. J.Bos, J. E., Improved depth perception with three-dimensional auxiliary display and computer generated three-dimensional panoramic overviews in robot-assisted laparoscopy. Journal of Medical Imaging. 2015;1(1) (no pagination);	3
11581	C. J. O. Yang, Y. C.Yang, C. K., Percutaneous cystostomy drainage for early removing urethral catheter in robotic-assisted laparoscopic radical prostatectomy: Improving on patients' discomfort. Urological Science. 2015;26(4);240-242	3
11582	P. C. W. Chang, C. T.Huang, S. T.Chen, Y.Huang, H. C.Hsu, Y. C.Hsieh, M. L., Extracorporeal magnetic innervation increases functional bladder capacity and quality of life in patients with urinary incontinence after robotic-assisted radical prostatectomy. Urological Science. 2015;26(4);250-253	3
11583	X. C. Du, N.Arya, S.Hanna, G. B.Kelly, J.Elson, D. S.Stoyanov, D., Robust surface tracking combining features, intensity and illumination compensation. International Journal of Computer Assisted Radiology and Surgery. 2015;10(12);1915-1926	3
11584	P. J. Pratt, A.Hughes-Hallett, A.Mayer, E.Vale, J.Darzi, A.Peters, T.Yang, G. Z., Robust ultrasound probe tracking: initial clinical experiences during robot-assisted partial nephrectomy. International Journal of Computer Assisted Radiology and Surgery. 2015;10(12);1905-1913	5
11585	C. Y. Gao, M.Xiao, C.Zhang, H., Novel totally robotic repair of right ventricular outflow tract obstruction. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2015;10(4);285-287	8
11586	D. H. K. Koo, D. M.Choi, J. Y.Lee, K. E.Cho, S. H.Youn, Y. K., In-depth survey of scarring and distress in patients undergoing bilateral axillo-breast approach robotic thyroidectomy or conventional open thyroidectomy. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2015;25(5);436-439	12
11587	B. M. B. Ridgeway, M.Nutter, B.Falcone, T., Minimally invasive hysterectomy: An analysis of different techniques. Clinical Obstetrics and Gynecology. 2015;58(4);732-739	8
11588	C. H. C. Chen, L. H.Chan, C.Liu, W. M., Management of Ovarian Cancer in 14th Gestational Week of Pregnancy by Robotic Approach with Preservation of the Fetus. Gynecologic and Obstetric Investigation. 2015;80(2);139-144	3
11589	A. C. Zarak, A.Kichler, K.de la Cruz, L.Tamariz, L.Kaza, S., Robotic versus laparoscopic surgery for colonic disease: a meta-analysis of postoperative variables. Surgical Endoscopy. 2015;29(6);1341-1347	8
11590	M. N. A. Patel, A.Hemal, A., Does transition from the da Vinci Si to Xi robotic platform impact single-docking technique for robot-assisted laparoscopic nephroureterectomy?. BJU International. 2015;116(6);990-994	3

11591	N. D. C. Smith, E. P.Gonzalgo, M. L.Svatek, R. S.Weizer, A. Z.Montgomery, J. S.Pruthi, R. S.Woods, M. E.Tollefson, M. K.Konety, B. R.Shabsigh, A.Krupski, T.Barocas, D. A.Dash, A.Quek, M. L.Kibel, A. S.Parekh, D. J., The RAZOR (randomized open vs robotic cystectomy) trial: Study design and trial update. BJU International. 2015;115(2);198-205	8
11592	F. K. Abdollah, D. E.Sood, A.Sammon, J. D.Pucheril, D.Dalela, D.Diaz, M.Peabody, J. O.Trinh, Q. D.Menon, M., Predicting pathological outcomes in patients undergoing robot-assisted radical prostatectomy for high-risk prostate cancer: A preoperative nomogram. BJU International. 2015;116(5);703-712	3
11593	W. S. S. Tan, A.Goldstraw, M.Zacharakis, E.Nathan, S.Hines, J.Cathcart, P.Briggs, T.Kelly, J. D., Robot-assisted intracorporeal pyramid neobladder. BJU International. 2015;116(5);771-779	3
11594	A. S. Kumar, S.Bates, A. S.Coelho, R. F.Rocco, B.Palmer, K.Patel, V. R., Continence outcomes of robot-assisted radical prostatectomy in patients with adverse urinary continence risk factors. BJU International. 2015;116(5);764-770	3
11595	H. A. R. R. Qazi, B. P.Do, M.Rewhorn, M.Hafner, T.Liatsikos, E.Kallidonis, P.Dietel, A.Stolzenburg, J. U., Robot-assisted laparoscopic total extraperitoneal hernia repair during prostatectomy: Technique and initial experience. Central European Journal of Urology. 2015;68(2);240-244	3
11596	K. T. B. Harris, M. W.Gorin, M. A.Allaf, M. E.Pierorazio, P. M., Outcomes of partial nephrectomy in patients who meet percutaneous ablation criteria. Central European Journal of Urology. 2015;68(2);132-136	5
11597	A. B. Sim, M. D.Todenhofer, T.Aufderklamm, S.Halalsheh, O.Mischinger, J.Bottge, J.Rausch, S.Bier, S.Stenzl, A.Gakis, G.Schwentner, C.Canda, A. E., Robot-assisted radical cystectomy and intracorporeal urinary diversion - Safe and reproducible?. Central European Journal of Urology. 2015;68(1);18-23	3
11598	A. K. F. Sinno, A. N.Tanner, E. J., Single site robotic sentinel lymph node biopsy and hysterectomy in endometrial cancer. Gynecologic Oncology. 2015;137(1);190	3
11599	L. S. C. Canale, A. S., Is robotic mitral valve surgery more expensive than its conventional counterpart?. Interactive Cardiovascular and Thoracic Surgery. 2015;20(6);844-847	8
11600	S. A. F. Vahanian, P. S.Lazarou, G., Delayed small bowel obstruction after robotic-assisted sacrocolpopexy. Female Pelvic Medicine and Reconstructive Surgery. 2015;21(1);e11-e13	3
11601	J. N. Saito, S.Matsumoto, A.Jinushi, K.Kasai, T.Kudo, T.Sawada, M.Kimura, F.Kushikata, T.Hirota, K., Impact of robot-assisted laparoscopic prostatectomy on the management of general anesthesia: efficacy of blood withdrawal during a steep Trendelenburg position. Journal of Anesthesia. 2015;29(4);487-491	5
11602	L. C. Abramovici, C.Pierre, G.Garrel, R., Robot-assisted transaxillary thyroidectomy: Surgical technique. European Annals of Otorhinolaryngology, Head and Neck Diseases. 2015;132(3);153-156	3
11603	J. F. E. Magrina, M.Kho, R. M.Cetta, R.Chang, Y. H. H.Magtibay, P. M., Surgical Excision of Advanced Endometriosis: Perioperative Outcomes and Impacting Factors. Journal of Minimally Invasive Gynecology. 2015;22(6);944-950	3
11604	D. S. S. Han, Y. S.Ahn, H. S.Kong, S. H.Lee, H. J.Kim, W. H.Yang, H. K., Comparison of Surgical Outcomes of Robot-Assisted and Laparoscopy-Assisted Pylorus-Preserving Gastrectomy for Gastric Cancer: A Propensity Score Matching Analysis. Annals of Surgical Oncology. 2015;22(7);2323-2328	12
11605	Y. C. L. Wang, K.Xiong, J. J.Zhu, J., Robotic thyroidectomy versus conventional open thyroidectomy for differentiated thyroid cancer: Meta-analysis. Journal of Laryngology and Otology. 2015;129(6);558-567	8

11606	H. K. H. Park, I. B.Berry, E.Lurain, J. R.Neubauer, N. L., A Comparison of Survival and Recurrence Outcomes in Patients With Endometrial Cancer Undergoing Robotic Versus Open Surgery. Journal of Minimally Invasive Gynecology. 2015;22(6);961-967	13
11607	C. M. J. Song, Y. B.Kim, K. R.Tae, K., Robot-assisted excision of branchial cleft cysts using a postauricular facelift approach. Auris Nasus Larynx. 2015;42(5);424-427	3
11608	X. A. Gu, M.Wong, C., Continence outcomes after bladder neck preservation during robot-assisted laparoscopic prostatectomy (RALP). Minimally Invasive Therapy and Allied Technologies. 2015;24(6);364-371	3
11609	F. B. Alhalabi, C. D.Gulpinar, O.Scott, D. J.Zimmern, P. E., Are women with advanced pelvic organ prolapse treated by open mesh sacrocolpopexy at risk of secondary incisional hernia?. International Urogynecology Journal and Pelvic Floor Dysfunction. 2015;26(11);1673-1677	3
11610	K. P. G. Colling, J. K.Statz, C. A.Geller, M. A.Beilman, G. J., Abdominal Hysterectomy: Reduced Risk of Surgical Site Infection Associated with Robotic and Laparoscopic Technique. Surgical Infections. 2015;16(5);498-503	13
11611	O. K. Akca, J. H.Zargar, H.Brandao, L. F.Haber, G. P.Autorino, R.Stein, R. J., Robot assisted heminephrectomy for duplicated renal collecting system: Technique and outcomes. International Journal of Medical Robotics and Computer Assisted Surgery. 2015;11(2);126-129	3
11612	H. B. Torup, M.Hansen, E. G.Palle, C.Rosenberg, J.Mitchell, A. U.Petersen, P. L.Mathiesen, O.Dahl, J. B.Moller, A. M., Transversus abdominis plane (TAP) block after robot-assisted laparoscopic hysterectomy: A randomised clinical trial. Acta Anaesthesiologica Scandinavica. 2015;59(7);928-935	3
11613	J. H. Schiffmann, A.Leyh-Bannurah, S. R.Salomon, G.Steuber, T.Schlomm, T.Boehm, K.Beyer, B.Larcher, A.Michl, U.Heinzer, H.Huland, H.Graefen, M.Karakiewicz, P. I., Adherence of the indication to European Association of Urology guideline recommended pelvic lymph node dissection at a high-volume center: Differences between open and robot-assisted radical prostatectomy. European Journal of Surgical Oncology. 2015;41(11);1547-1553	5
11614	A. S. S. Bates, S.Kumar, A.Mouraviev, V.Rocco, B.Coelho, R.Palmer, K.Patel, V. R., Salvage robot assisted radical prostatectomy: A propensity matched study of perioperative, oncological and functional outcomes. European Journal of Surgical Oncology. 2015;41(11);1540-1546	3
11615	C. A. Villanueva, Extracorporeal ureteral tailoring during HIDES laparoscopic robotic-assisted ureteral reimplantation for megaureter. Journal of Pediatric Urology. 2015;11(6);362-363	3
11616	A. J. Sood, W.Barod, R.Bahnson, E.Kirura, P.Abdollah, F.Bhandari, M.Bahnson, R.Menon, M., Robot-assisted hepatic mobilization and control of suprahepatic infradiaphragmatic inferior vena cava for level 3 vena caval thrombectomy: An IDEAL stage 0 study. Journal of Surgical Oncology. 2015;112(7);741-745	7
11617	A. T. Kanazawa, T.Shimizu, S.Yamamoto, S.Murata, A.Kubo, S., Laparoscopic hepatectomy for liver cancer. Digestive Diseases. 2015;33(5);691-698	8
11618	G. P. Cucinella, A.Romano, G.Di Buono, G.Calagna, G.Sorce, V.Gulotta, L.Triolo, M.Billone, V.Gulotta, G.Agrusa, A., Endometrial cancer: Robotic versus Laparoscopic treatment. Preliminary report. Giornale Italiano di Ostetricia e Ginecologia. 2015;37(6);283-287	12
11619	T. Y. Hashimoto, K.Horiguchi, Y.Inoue, R.Yoshio, O.Nakashima, J.Tachibana, M., Clinical effect of a positive surgical margin without extraprostatic extension after robot-assisted radical prostatectomy. Urologic Oncology: Seminars and Original Investigations. 2015;33(12);e1-503	3
11620	M. A. N. Moriarty, K. G.Tracy, C. R.Strigenz, M. E.Lee, D. K.Brown, J. A., Impact of robotic fellowship experience on perioperative outcomes of robotic-assisted laparoscopic partial nephrectomy. Current Urology. 2015;9(1);19-23	1

11621	V. J. Agrawal, J., Bladder rupture - a rare complication of extraperitoneal balloon dissection during robot-assisted radical prostatectomy. International Journal of Medical Robotics and Computer Assisted Surgery. 2015;11(4);395-399	3
11622	J. H. Wen, X.Chu, X.Xue, X.Xue, Z., Application of three dimensional reconstruction technique in selection of incision of thoracic surgical operation with robot. International Journal of Clinical and Experimental Medicine. 2015;8(10);17818-17823	2
11623	P. C. R. van der Sluis, J. P.Verhage, R. J. J.van der Horst, S.Haverkamp, L.Siersema, P. D.Borel Rinkes, I. H. M.ten Kate, F. J. W.van Hillegersberg, R., Oncologic Long-Term Results of Robot-Assisted Minimally Invasive Thoraco-Laparoscopic Esophagectomy with Two-Field Lymphadenectomy for Esophageal Cancer. Annals of Surgical Oncology. 2015;22(Supplement 3);1350-1356	3
11624	C. W. F. Noel, A.Goldstein, D. P.De Almeida, J. R., Extent of neck dissection after transoral robotic surgical resection of oropharyngeal squamous cell carcinoma: Report of a case and potential indications for inclusion of level i in a selective neck dissection. Head and Neck. 2015;37(10);E130-E133	3
11625	D. K. Putzer, S.Haselbacher, M.Mayr, E.Nogler, M., Retracting Soft Tissue in Minimally Invasive Hip Arthroplasty Using a Robotic Arm: A Comparison between a Semiactive Retractor Holder and Human Assistants in a Cadaver Study. Surgical Innovation. 2015;22(5);500-507	7
11626	X. X. Ye, L.Chen, G.Tang, J. M.Ben, X. S., Robotic thoracic surgery versus video-assisted thoracic surgery for lung cancer: A meta-analysis. Interactive Cardiovascular and Thoracic Surgery. 2015;21(4);409-414	8
11627	P. S. Leon, T.Cussenot, O.Drouin, S. J.Cattarino, S.Comperat, E.Renard-Penna, R.Mozer, P.Bitker, M. O.Roupret, M., Low circulating free and bioavailable testosterone levels as predictors of high-grade tumors in patients undergoing radical prostatectomy for localized prostate cancer. Urologic Oncology: Seminars and Original Investigations. 2015;33(9);e21-384	3
11628	P. Y. Lebowitz, A.Hakimi, A. A.Bryan-Brown, C.Richards, M.Ghavamian, R., Respiratory gas exchange during robotic-assisted laparoscopic radical prostatectomy. Journal of Clinical Anesthesia. 2015;27(6);470-475	3
11629	F. T. Friedmacher, H., Robotic-Assisted Procedures in Pediatric Surgery: A Critical Appraisal of the Current Best Evidence in Comparison to Conventional Minimally Invasive Surgery. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2015;25(11);936-943	8
11630	D. J. W. Paulucci, M. J.Badani, K. K., Analysis of the Transperitoneal Approach to Robot-Assisted Laparoscopic Partial Nephrectomy for the Treatment of Anterior and Posterior Renal Masses. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2015;25(11);880-885	3
11631	C. E. K. Hach, J.Reitz, A.Reiter, M.Haferkamp, A.Buse, S., Midterm results of robot-assisted sacrocolpopexy. International Urogynecology Journal and Pelvic Floor Dysfunction. 2015;26(9);1321-1326	3
11632	A. D. M. Asimakopoulos, R.Galfano, A.Bocciardi, A. M.Vespasiani, G.Spera, E.Gaston, R., Retzius-sparing robot-assisted laparoscopic radical prostatectomy: Critical appraisal of the anatomic landmarks for a complete intrafascial approach. Clinical Anatomy. 2015;28(7);896-902	8
11633	A. B. H. Patel, M. L.Pollei, T. R.Hayden, R. E.Moore, E. J., Severe prolonged dysphagia following transoral resection of bilateral synchronous tonsillar carcinoma. European Archives of Oto-Rhino-Laryngology. 2015;272(11);3585-3591	3
11634	K. Y. N. Tse, H. Ys, The role of laparoscopy in staging of different gynaecological cancers. Best Practice and Research: Clinical Obstetrics and Gynaecology. 2015;29(6);884-895	8

11635	D. Z. Ramirez, H.Caputo, P.Kaouk, J. H., Robotic-assisted laparoscopic prostatectomy: An update on functional and oncologic outcomes, techniques, and advancements in technology. Journal of Surgical Oncology. 2015;112(7);746-752	8
11636	M. S. K. Kim, N. Y.Lee, K. Y.Choi, Y. D.Hong, J. H.Bai, S. J., The impact of two different inspiratory to expiratory ratios (1:1 and 1:2) on respiratory mechanics and oxygenation during volume-controlled ventilation in robot-assisted laparoscopic radical prostatectomy: a randomized controlled trial. Canadian Journal of Anesthesia. 2015;62(9);979-987	3
11637	N. I. LeFranc, M., Atypical presentation of a schwannoma mimicking recurrence of primary peritoneal cancer. International Journal of Gynecology and Obstetrics. 2015;130(3);285	8
11638	A. Toker, Creative destruction: A new era in the field of thoracic surgery. European Journal of Cardio-thoracic Surgery. 2015;48(4);519-523	8
11639	E. F. Massarelli, R.Glisson, B. S., New strategies in human papillomavirus-related oropharynx cancer: Effecting advances in treatment for a growing epidemic. Clinical Cancer Research. 2015;21(17);3821-3828	8
11640	D. M. A. Straughan, S. C.Bennett, R. D.Pimiento, J. M.Fontaine, J. P.Toloza, E. M., Robotic-assisted esophageal surgery. Cancer Control. 2015;22(3);335-339	8
11641	D. M. F. Straughan, J. P.Toloza, E. M., Robotic-assisted videothoracoscopic mediastinal surgery. Cancer Control. 2015;22(3);326-330	8
11642	F. O. N. Velez-Cubian, E. P.Fontaine, J. P.Toloza, E. M., Robotic-assisted videothoracoscopic surgery of the lung. Cancer Control. 2015;22(3);314-325	8
11643	G. L. Lughezzani, M.Buffi, N. M.Abrate, A.Mistretta, F. A.Hurle, R.Pasini, L.Castaldo, L.Zandegiacomo De Zorzi, S.Peschechera, R.Fiorini, G.Taverna, G.Casale, P.Guazzoni, G., Preoperative prostate health index is an independent predictor of early biochemical recurrence after radical prostatectomy: Results from a prospective single-center study. Urologic Oncology: Seminars and Original Investigations. 2015;33(8);e7-337	3
11644	A. S. Gocmen, F., Immediate Repair of an Incompletely Transected Obturator Nerve During Robotic-assisted Pelvic Lymphadenectomy. Journal of Minimally Invasive Gynecology. 2015;22(2);302-304	3
11645	S. K. J. Watt, H. L.Vogelsang, R.Kromann-Andersen, B.Palle, C.Froding, L. P.Dreijer, B.Gogenur, I., Implementation of a multidisciplinary robotic centre in a high-volume university hospital. Danish Medical Journal. 2015;62(7);44566	3
11646	D. A. Sheyn, R.Paspulati, R.Sanses, T., Multidisciplinary approach for management of obstructed hemivagina and ipsilateral renal anomaly (OHVIRA) syndrome and rectal prolapse. International Urogynecology Journal and Pelvic Floor Dysfunction. 2015;26(7);1079-1081	3
11647	T. M. M. Kreitz, M. G.Lonner, J. H., The Valgus Stress Radiograph Does Not Determine the Full Extent of Correction of Deformity Prior to Medial Unicompartmental Knee Arthroplasty. Journal of Arthroplasty. 2015;30(7);1233-1236	3
11648	M. A. D'Agostino, Transoral robotic partial glossectomy and supraglottoplasty for obstructive sleep apnea. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2015;26(4);211-215	8
11649	S. H. J. Lee, M. J.Hwang, H. K.Kang, C. M.Lee, W. J., The first experiences of robotic single-site cholecystectomy in Asia: A potential way to expand minimally-invasive single-site surgery?. Yonsei Medical Journal. 2015;56(1);189-195	5
11650	K. L. G. I. Kiong, N.Skanthakumar, T.Ng, J. C. F.Tan, N. C.Tay, H. N.Tan, H. K., Transaxillary thyroidectomies: A comparative learning experience of robotic vs endoscopic thyroidectomies. Otolaryngology - Head and Neck Surgery (United States). 2015;152(5);820-826	5

11651	R. M. T. Suri, A.Burkhart, H. M.Daly, R. C.Mauermann, W.Nishimura, R. A.Li, Z.Dearani, J. A.Michelena, H. I.Enriquez-Sarano, M., Robotic mitral valve repair for simple and complex degenerative disease. Circulation. 2015;132(21);1961-1968	3
11652	R. Z. Autorino, H.Butler, S.Laydner, H.Kaouk, J. H., Incidence and Risk Factors for 30-Day Readmission in Patients Undergoing Nephrectomy Procedures: A Contemporary Analysis of 5276 Cases from the National Surgical Quality Improvement Program Database. Urology. 2015;85(4);843-849	5
11653	R. C. Payne Ondracek, J.Gangavarapu, K. J.Azabdaftari, G.Woltz, J.Brese, E.Omilian, A.Bshara, W.Huss, W. J.Mohler, J. L.Marshall, J. R., Impact of devascularization and tissue procurement on cell number and RNA integrity in prostatectomy tissue. Prostate. 2015;75(16);1910-1915	3
11654	A. J. S. Lightfoot, Y. K.Sehgal, S. S.Lee, Z.Greaves, G. H.Yu, S. J. S.Llukani, E.Su, Y. C.Lee, D. I., Positive Surgical Margin Trends in Patients with Pathologic T<inf>3</inf> Prostate Cancer Treated with Robot-Assisted Radical Prostatectomy. Journal of Endourology. 2015;29(6);634-639	3
11655	A. M. B. Alenizi, M.Rajih, E.Alesawi, A.Al-Hathal, N.Benayoun, S.Lebeau, T.Zorn, K. C.El-Hakim, A., Uroflow Stop Test and Potency Recovery: A Surrogate for Pelvic Floor Integrity Post Robotic-Assisted Radical Prostatectomy?. Urology. 2015;86(4);766-771	3
11656	G. H. Murphy, P.Doak, H.Jackson, M.Dorin, R.Meraney, A.Kesler, S.Staff, I.Wagner, J. R., Urinary Bother as a Predictor of Postsurgical Changes in Urinary Function after Robotic Radical Prostatectomy. Urology. 2015;86(4);817-823	3
11657	M. C. S. Sighinolfi, G. P.Galli, E.Micali, S.Ferrari, N.Mofferdin, A.Bianchi, G., Chemical and Mineralogical Analysis of Ureteral Stent Encrustation and Associated Risk Factors. Urology. 2015;86(4);703-706	3
11658	U. T. Capitanio, C.Antonelli, A.Minervini, A.Volpe, A.Furlan, M.Matloob, R.Regis, F.Fiori, C.Porpiglia, F.Di Trapani, E.Zacchero, M.Serni, S.Salonia, A.Carini, M.Simeone, C.Montorsi, F.Bertini, R., Nephron-sparing techniques independently decrease the risk of cardiovascular events relative to radical nephrectomy in patients with a T1a-T1b renal mass and normal preoperative renal function. European Urology. 2015;67(4);683-689	2
11659	L. C. Y. Zhao, Y.Bryk, D. J.Adelstein, S. A.Stifelman, M. D., Robot-Assisted Ureteral Reconstruction Using Buccal Mucosa. Urology. 2015;86(3);634-638	3
11660	R. C. B. Tolboom, I. A. M. J.Draaisma, W. A., Robot-assisted laparoscopic hiatal hernia and antireflux surgery. Journal of Surgical Oncology. 2015;112(3);266-270	8
11661	T. H. Son, W. J., Robotic gastrectomy for gastric cancer. Journal of Surgical Oncology. 2015;112(3);271-278	8
11662	A. T. W. Stafford, R. M., Robotic surgery of the pancreas: The current state of the art. Journal of Surgical Oncology. 2015;112(3);289-294	8
11663	L. N. H. Cetrulo, J.Ortiz, J.Canter, D.Joshi, A. R. T., Case report of a robotic-assisted laparoscopic repair of a giant incarcerated recurrent inguinal hernia containing bladder and ureters. International Journal of Medical Robotics and Computer Assisted Surgery. 2015;11(1);15-17	3
11664	S. M. S. Said, R. M.Pislaru, S. V.Daly, R. C.Click, R. L.Fritock, M. D.Friedman, P. A., Robot-assisted delayed extraction of retained Lasso catheter combined with mitral valve repair and arrhythmia ablation. HeartRhythm Case Reports. 2015;1(4);238-240	3
11665	J. D. R. Winter, W.Swaminath, A.Chow, T., Accuracy of robotic radiosurgical liver treatment throughout the respiratory cycle. International Journal of Radiation Oncology Biology Physics. 2015;93(4);916-924	3
11666	O. A. V.-M. Castillo, I.Rodriguez-Carlin, A.Silva, A.Schatloff, O., First report: Robot-assisted total pelvic exenteration for locally advanced prostate cancer. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2015;25(7);592-594	3

11667	L. C. Huang, L. A. H.Zhang, J., Major upper abdominal surgery alters the calibration of BioReactance cardiac output readings, the NICOM, when comparisons are made against suprasternal and esophageal Doppler Intraoperatively. Anesthesia and Analgesia. 2015;121(4);936-945	2
11668	D. A. K. Weiss, S.Kurzweil, R.Srinivasan, A. K.Darge, K.Shukla, A. R., Detection of crossing vessels in pediatric ureteropelvic junction obstruction: Clinical patterns and imaging findings. Journal of Pediatric Urology. 2015;11(4);e1-173	2
11669	T. J. A. Ward, O.Chung, B. I.Sze, D. Y.Hwang, G. L., Percutaneous cryoablation for successful treatment of a persistent urine leak after robotic-assisted partial nephrectomy. Journal of Vascular and Interventional Radiology. 2015;26(12);1867-1870	3
11670	V. R. S. Patel, S.Bates, A. S.Kumar, A.Coelho, R.Rocco, B.Palmer, K., Dehydrated human amnion/chorion membrane allograft nerve wrap around the prostatic neurovascular bundle accelerates early return to continence and potency following robot-assisted radical prostatectomy: Propensity score-matched analysis. European Urology. 2015;67(6);977-980	3
11671	A. B. M. Weiner, P.Richards, K. A.Patel, S. G.Eggener, S. E., Population based analysis of incidence and predictors of open conversion during minimally invasive radical prostatectomy. Journal of Urology. 2015;193(3);826-831	2
11672	H. Y. R. Lee, J. D.Walvekar, R. R.Holsinger, C.Kim, H. Y., Robotic Transoral Periosteal Thyroidectomy (TOPOT): Experience in two cadavers. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2015;25(2);139-142	7
11673	C. L. M. A. M. Nota, I. Q.Borel Rinkes, I. H. M.Hagendoorn, J., Robot-assisted laparoscopic fenestration of giant hepatic cysts. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2015;25(5);e163-e165	3
11674	M. A. M. Al Kafi, U.Moftah, B., Continuous versus step-by-step scanning mode of a novel 3D scanner for CyberKnife measurements. Applied Radiation and Isotopes. 2015;105;88-91	3
11675	D. D. D. Thiel, A. J.Broderick, G. A.Arnold, M.Diehl, N.Tavlarides, A.Custer, K.Parker, A. S., Comparison of patient-reported quality of life outcome questionnaire response rates between patients treated surgically for renal cell carcinoma and prostate carcinoma. BMC Urology. 2015;15(1) (no pagination);	2
11676	J. Y. L. Kim, Y. H.Chong, G. O.Lee, Y. S.Cho, Y. L.Hong, D. G., Comparative study between total laparoscopic and total robotic radical hysterectomy for cervical carcinoma: Clinical study. Anticancer Research. 2015;35(9);5015-5022	13
11677	Y. C. Y. Ou, C. K.Kang, H. M.Chang, K. S.Wang, J.Hung, S. W.Tung, M. C.Tewari, A. K.Patel, V. R., Pentafecta outcomes of 230 cases of robotic-assisted radical prostatectomy with bilateral neurovascular bundle preservation. Anticancer Research. 2015;35(9);5007-5014	3
11678	N. Y. Y. Kim, Y. C.Park, H.Choi, Y. D.Kim, C. Y.Bai, S. J., The effect of dexmedetomidine on intraocular pressure increase in patients during robot-Assisted laparoscopic radical prostatectomy in the steep trendelenburg position. Journal of Endourology. 2015;29(3);310-316	3
11679	H. K. Seo, Y. G.Jin, S. J.Chin, J. H.Kim, H. Y.Lee, Y. K.Hwang, J. H.Kim, Y. K., Dynamic arterial elastance in predicting arterial pressure increase after fluid challenge during robot-assisted laparoscopic prostatectomy: A prospective observational study. Medicine (United States). 2015;94(41) (no pagination);	3
11680	K. M. B. Kan, S. E.Gainsburg, D. M., Ocular complications in robotic-assisted prostatectomy: A review of pathophysiology and prevention. Minerva Anestesiologica. 2015;81(5);557-566	8
11681	A. P. H. Kappetein, S. J., CABG, stents, or hybrid procedures for left main disease?. EuroIntervention. 2015;11(Supplement V);V111-V114	8

11682	R. F. Tanimoto, Y.Scotland, K. B.Calvaresi, A. E.Gomella, L. G.Trabulsi, E. J.Lallas, C. D., Risk factors for biochemical recurrence after robotic assisted radical prostatectomy: A single surgeon experience. BMC Urology. 2015;15(1) (no pagination);	3
11683	L. W. Xia, X.Xu, T.Zhu, Z.Qin, L.Zhang, X.Fang, C.Zhang, M.Zhong, S.Shen, Z., Robotic versus open radical cystectomy: An updated systematic review and meta-analysis. PLoS ONE. 2015;10(3) (no pagination);	8
11684	J. V. Hutchins, R. I.Ghebre, R.McNally, A.Downs, L. S.Gryzmala, E.Geller, M. A., Ultrasound-guided subcostal transversus abdominis plane infiltration with liposomal bupivacaine for patients undergoing robotic-assisted hysterectomy. International Journal of Gynecological Cancer. 2015;25(5);937-941	3
11685	H. H. Treuer, M.Luyken, K.Visser-Vandewalle, V.Wirths, J.Kocher, M.Ruge, M., Intracranial stereotactic radiosurgery with an adapted linear accelerator vs. robotic radiosurgery: Comparison of dosimetric treatment plan quality. Strahlentherapie und Onkologie. 2015;191(6);470-476	2
11686	Z. L. Lee, A. J.Mucksavage, P.Lee, D. I., Can robot-assisted radical prostatectomy be taught to chief residents and fellows without affecting operative outcomes?. Prostate International. 2015;3(2);47-50	1
11687	M. A. P. Augart, J. F.Bracey, D. N.Jinnah, A.Poehling, G. G.Jinnah, R. H., Robotic Lateral and Medial Unicompartmental Knee Arthroplasty. Operative Techniques in Orthopaedics. 2015;25(2);95-103	3
11688	L. C. M. Donat, G.Tower, A. M.Azodi, M., A technique for vascular control during robotic-assisted laparoscopic myomectomy. Journal of Minimally Invasive Gynecology. 2015;22(4);543	3
11689	A. A. Kumar, B.Cerfolio, R.Sood, J.Kumar, R., Robotic lobectomy: The first Indian report. Journal of Minimal Access Surgery. 2015;11(1);94-98	3
11690	M. P. Pahwa, A.Batra, R.Abraham, R.Chawla, A.Kathuria, S.Sharma, A., Robotic assisted laparoscopic adrenalectomy: Initial experience from a tertiary care centre in India. Journal of Minimal Access Surgery. 2015;11(1);83-86	3
11691	A. G. Ganpule, A.Mishra, S.Sabnis, R.Desai, M., Robotic-assisted laparoscopic partial nephrectomy: A single centre Indian experience. Journal of Minimal Access Surgery. 2015;11(1);78-82	13
11692	U. B. Boylu, C.Yildirim, U.Onol, F.Gumus, E., Comparison of surgical, functional, and oncological outcomes of open and robot-assisted partial nephrectomy. Journal of Minimal Access Surgery. 2015;11(1);72-77	13
11693	M. P. Stark, S.D'Ambrosio, A.Giraudi, F.Gidaro, S., A new telesurgical platform - Preliminary clinical results. Minimally Invasive Therapy and Allied Technologies. 2015;24(1);31-36	2
11694	M. B. Ostby-Deglum, B.Axcrona, K.Fossa, S. D.Dahl, A. A., A comparative study of erectile function and use of erectile AIDS in high-risk prostate cancer patients after robot-assisted laparoscopic prostatectomy. Scandinavian Journal of Urology. 2015;49(6);433-439	3
11695	L. Z. Ding, H.Mi, W.Wang, T.He, Y.Zhang, X.Ma, X.Li, H., Effects of dexmedetomidine on anesthesia recovery period and postoperative cognitive function of patients after robot-assisted laparoscopic radical cystectomy. International Journal of Clinical and Experimental Medicine. 2015;8(7);11388-11395	2
11696	Q. C. L. L. Clerc, E.Leon, G.Rigaud, J.Glemain, P.Branchereau, J.Karam, G., Technical feasibility of robot-assisted laparoscopic radical prostatectomy in renal transplant recipients: Results of a series of 12 consecutive cases. Canadian Urological Association Journal. 2015;9(7-8);E490-E493	3

11697	A. S. Abbott, R.Hoffe, S.Almhanna, K.Doepker, M.Saeed, N.Meredith, K., Robotic assisted Ivor Lewis esophagectomy in the elderly patient. Journal of Gastrointestinal Oncology. 2015;6(1);31-38	3
11698	D. A. P. Salevitz, M. W.Tyson, M. D.Nunez-Nateras, R.Ferrigni, E. N.Andrews, P. E.Humphreys, M. R.Castle, E. P., The impact of ischemia on long-term renal function after partial nephrectomy in the two kidney model. Journal of Endourology. 2015;29(4);474-478	3
11699	R. L. Nassi, C.Vezzosi, C.Mannelli, M., Cushing's syndrome in pregnancy. Gynecological Endocrinology. 2015;31(2);102-104	3
11700	H. J. L. Kim, S. H.Chang, B. S.Lee, C. K.Lim, T. O.Hoo, L. P.Yi, J. M.Yeom, J. S., Monitoring the quality of robot-assisted pedicle screw fixation in the lumbar spine by using a cumulative summation test. Spine. 2015;40(2);87-94	3
11701	R. B. Turo, S.Smolski, M.Thygesen, H.Cleaveland, P.Esler, R.Hartley, S.Thompson, A.Adeyoju, A.Brown, S. C. W.Brough, R.Oakley, N.Sinclair, A.Collins, G. N., The changes in prostate cancer and its management in the North West of England over a 10-year period. Journal of Clinical Urology. 2015;8(5);315-320	2
11702	J. K. G. Chan, A. B.Taylor, K.Blansit, K.Thompson, C. A.Brooks, R.Yu, X.Kapp, D. S., The centralization of robotic surgery in high-volume centers for endometrial cancer patients - A study of 6560 cases in the U.S. Gynecologic Oncology. 2015;138(1);128-132	3
11703	G. C. Menderes, L. E.Azodi, M., Incidental Ureteral Injury and Repair during Robotic-assisted Total Laparoscopic Hysterectomy. Journal of Minimally Invasive Gynecology. 2015;22(3);320	3
11704	T. K. M. Stephens, Z. C.Sweet, R. M.Kowalewski, T. M., Tissue identification through back end sensing on da Vinci EndoWrist surgical tool. Journal of Medical Devices, Transactions of the ASME. 2015;9(3) (no pagination);	8
11705	J. D. Molacek, H.Bills, N.Oleynikov, D.Terry, B. S., Telestration system for a remote controlled laparoscopic robot. Journal of Medical Devices, Transactions of the ASME. 2015;9(3) (no pagination);	8
11706	A. D. N. Mohammadi, C.Samsonas, D.Valdastri, P.Tan, Y.Oetomo, D., Electromagnetic actuator across abdominal wall for minimally invasive robotic surgery. Journal of Medical Devices, Transactions of the ASME. 2015;9(3) (no pagination);	8
11707	S. B. B. Shah, A. K.Choudhury, I., Noninvasive intracranial pressure monitoring via optic nerve sheath diameter for robotic surgery in steep Trendelenburg position. Saudi Journal of Anaesthesia. 2015;9(3);239-246	3
11708	T. L. Gianduzzo, K.Desai, D.Chabert, C.Gericke, C., Early vascular unclamping reduces warm ischaemia time in robot-assisted laparoscopic partial nephrectomy. F1000Research. 2015;4;108	3
11709	N. G. L. Cost, Z. J.Bean, C. M.Geller, J. I.Minevich, E. A.Noh, P. H., Prechemotherapy robotic-assisted laparoscopic radical nephrectomy for an adolescent with wilms tumor. Journal of Pediatric Hematology/Oncology. 2015;37(2);e125-e127	3
11710	E. S. Kovac, A. J., Management of Stage I Nonseminomatous Germ Cell Tumors. Urologic Clinics of North America. 2015;42(3);299-310	8
11711	A. S. Keehn, A.Maiman, R.Taylor, J.Divito, J.Ghavamian, R.Stern, J. M., The relationship between visceral obesity and the clinicopathologic features of patients with small renal masses. Journal of Endourology. 2015;29(3);372-376	2
11712	H. G. K. Park, H. J.Jeong, Y. B., Cystic angiomyolipoma mimicking cystic renal cell carcinoma on computed tomography image. Urology. 2015;85(6);e43-e44	3
11713	M. K. Dettmer, S. W., Bi-Unicompartmental, Robot-Assisted Knee Arthroplasty. Operative Techniques in Orthopaedics. 2015;25(2);155-162	3

11714	L. A. Mettler, I., Surgical and imaging approach in diagnosis and therapy of uterine myomas. Giornale Italiano di Ostetricia e Ginecologia. 2015;37(1);22-34	8
11715	K. W. Ryu, Recent advances in minimally invasive surgery for gastric cancer. [Korean]. Journal of the Korean Medical Association. 2015;58(3);197-200	8
11716	K. K. Paik, M. S.Choi, C. W.Jang, W. I.Lee, S. H.Choi, S. H.Kim, K. B.Lee, D. H., Dosimetric comparison of volumetric modulated arc therapy with robotic stereotactic radiation therapy in hepatocellular carcinoma. Radiation Oncology Journal. 2015;33(3);233-241	7
11717	E. L. S. Mowers, B.McLean, K.Reynolds, R. K., Effects of morcellation of uterine smooth muscle tumor of uncertain malignant potential and endometrial stromal sarcoma: Case series and recommendations for clinical practice. Journal of Minimally Invasive Gynecology. 2015;22(4);601-606	3
11718	S. V. Serni, G.Frizzi, J.Mari, A.Siena, G.Lapini, A.Carini, M.Minervini, A., Simple enucleation for the treatment of highly complex renal tumors: Perioperative, functional and oncological results. European Journal of Surgical Oncology. 2015;41(7);934-940	3
11719	A. K. Adelowo, B.Disciullo, A.Rosenblatt, P., Assessing adequacy of cervical core specimens from extirpated uteri: Implications for laparoscopic supracervical hysterectomy with transcervical coring. Journal of Minimally Invasive Gynecology. 2015;22(1);122-126	3
11720	A. S. Shimizu, M.Krishnan, S.Yokoyama, J., Epoch-making treatment with transoral robotic surgery for oropharyngeal carcinoma. Current Cancer Therapy Reviews. 2015;11(1);27-32	3
11721	J. O. Yokoyama, S.Kojima, M.Sakai, M., Minimally invasive transoral surgical treatment for oropharyngeal carcinoma. Current Cancer Therapy Reviews. 2015;11(1);21-26	8
11722	J. H. H. Koenig, M. S., Available Robotic Platforms in Partial and Total Knee Arthroplasty. Operative Techniques in Orthopaedics. 2015;25(2);85-94	2
11723	C. M. K. Webb, M.Eltahawy, E.Faramawi, M. F.Shera, A. L.Davis, R.Bissada, N.Jadhav, S., A comparative study of open, laparoscopic and robotic partial nephrectomy in obese patients. Urology Annals. 2015;7(2);231-234	13
11724	O. A. Alsowayan, F.Alshammari, A., Minimally invasive surgical approach to treat posterior urethral diverticulum. Urology Annals. 2015;7(2);273-276	3
11725	H. B. V. Ragnum, L.Lie, A. K.Axcrona, K.Julin, C. H.Frikstad, K. M.Hole, K. H.Seierstad, T.Lyng, H., The tumour hypoxia marker pimonidazole reflects a transcriptional programme associated with aggressive prostate cancer. British Journal of Cancer. 2015;112(2);382-390	3
11726	D. K. S. Choi, S. I., Surgical treatment for prostate cancer. [Korean]. Journal of the Korean Medical Association. 2015;58(1);15-20	3
11727	H. Y. S. A. Y. Cheung, K. C. L.Fan, C. W.Tang, C. N., Robotic-assisted abdominoperineal resection with bilateral pelvic lymph node dissection after neoadjuvant chemo-irradiation. Surgical Practice. 2015;19(1);42-44	3
11728	W. H. Ullah, R. J.Baker, V.Dhinoja, M. B.Sporton, S.Earley, M. J.Schilling, R. J., Factors affecting catheter contact in the human left atrium and their impact on ablation efficacy. Journal of Cardiovascular Electrophysiology. 2015;26(2);129-136	2
11729	R. G. Yadav, N. P.Akpo, E. E.Kumar, A., Perioperative and continence outcomes of robotic radical prostatectomy in elderly Indian men (>=70 years): A sub-group analysis. Indian Journal of Urology. 2015;31(3);229-233	3
11730	V. G. Batra, G.Jaipuria, J.Suryavanshi, M.Khera, R.Ahlawat, R., Predictive factors for lymph node positivity in patients undergoing extended pelvic lymphadenectomy during robot assisted radical prostatectomy. Indian Journal of Urology. 2015;31(3);217-222	3
11731	E. M. Strother, M., Robotic First Rib Resection. Operative Techniques in Thoracic and Cardiovascular Surgery. 2015;20(2);176-188	3

11732	M. O. Kumagai, S.Doe, A.Suzuki, K., Cerebral oxygenation measured by near-infrared spectroscopy and jugular vein oxygen saturation during robotic-assisted laparoscopic radical prostatectomy under total intravenous anaesthesia. International Journal of Medical Robotics and Computer Assisted Surgery. 2015;11(3);302-307	3
11733	J. P. B. Khatait, D. M.Aarts, R. G. K. M.Herder, J. L., Improved force transmission of a flexible surgical instrument by combining input motion. Journal of Medical Devices, Transactions of the ASME. 2015;9(1) (no pagination);	3
11734	W. W. Bernstein, A., Anesthetic issues for robotic cardiac surgery. Annals of Cardiac Anaesthesia. 2015;18(1);58-68	8
11735	C. K. K. Spees, K. J.Abaza, R.Clinton, S. K., Prostate cancer and Li-Fraumeni syndrome: Implications for screening and therapy. Urology Case Reports. 2015;3(2);21-23	2
11736	M. G. P. Ruiz, I. M.Palazuelos, C. M.Martin, J. A.Fernandez, C. C.Diego, J. C.Fleitas, M. G., Robotic-assisted laparoscopic transanal total mesorectal excision for rectal cancer: A prospective pilot study. Diseases of the Colon and Rectum. 2015;58(1);145-153	3
11737	W. Z. Jiao, Y.Wang, H.Yang, X.Ren, X.Zhang, L.Luo, Y., Totally robotic-assisted non-circumferential tracheal resection and anastomosis for leiomyoma in an elderly female. Journal of Thoracic Disease. 2015;7(10);1857-1860	3
11738	M. Hanafi, Comparative Study of Vaginal, Abdominal, and Robotic Laparoscopic Hysterectomy: Clinical Outcome and Cost. Journal of Gynecologic Surgery. 2015;31(5);260-265	13
11739	F. N. Thaveau, P.Lucereau, B.Georg, Y.Lejay, A.Chakfe, N., Associated da vinci and Magellan robotic systems for successful treatment of nutcracker syndrome. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2015;25(1);60-63	3
11740	B. B. Beyer, K.Borgmann, H.Janssen, M., It starts with the novices: Training curricula for robot-assisted surgery. Urologe. 2015;54(2);259-260	6
11741	B. H. W. Wallace, F.Roth, K.Hubert, H., Results of performance qualification testing on clinically-used da Vinci EndoWrist instruments at hospitals in Germany. Zentralsterilisation - Central Service. 2015;23(3);175-187	3
11742	C. N. Thomas, A.Roos, F. C.Hampel, C.Thuroff, J. W., Robotic-assisted radical prostatectomy. Urologe. 2015;54(2);178-182	8
11743	T. S. Bayer-Topilsky, R. M.Topilsky, Y.Marmor, Y. N.Trenerry, M. R.Antiel, R. M.Mahoney, D. W.Schaff, H. V.Enriquez-Sarano, M., Psychoemotional and quality of life response to mitral operations in patients with mitral regurgitation: A prospective study. Annals of Thoracic Surgery. 2015;99(3);847-854	13
11744	L. G. Zhang, S., Robot-assisted thoracic surgery versus open thoracic surgery for lung cancer: A system review and meta-analysis. International Journal of Clinical and Experimental Medicine. 2015;8(10);17804-17810	8
11745	D. D. D. Thiel, A. J.Broderick, G. A.Arnold, M.Diehl, N.Tavlarides, A.Custer, K.Parker, A. S., Comparison of patient-reported quality of life outcome questionnaire response rates between patients treated surgically for renal cell carcinoma and prostate carcinoma Epidemiology and health outcomes. BMC Urology. 2015;15(1) (no pagination);	9
11746	J. K. Sorensen, J. L.Kugathasan, P.Lunde, S.Andersen, E. S.Skov, M. N.Arendt-Nielsen, L., The Risk of Developing Postoperative Chronic Pain after Abdominal and Robot-Assisted Laparoscopic Hysterectomy: A Cross-Sectional Study. Journal of Gynecologic Surgery. 2015;31(4);198-204	5
11747	P. W. Haddock, J. R., Seminal Vesicle Cyst With Ipsilateral Renal Agenesis and Ectopic Ureter (Zinner Syndrome). Urology. 2015;85(5);e41-e42	3

11748	N. P. B. Dillon, R.Michael Fitzpatrick, J.Siebold, M. A.Labadie, R. F.Wanna, G. B.Withrow, T. J.Webster, R. J., A compact, bone-attached robot for mastoidectomy. Journal of Medical Devices, Transactions of the ASME. 2015;9(3) (no pagination);	2
11749	G. M. Sutherland, Y.Gan, L.Lama, S.Zareinia, K., Robotics in the neurosurgical treatment of glioma. Surgical Neurology International. 2015;6(2 Supplement 1);S1-S8	3
11750	M. S. B. Cho, S. J.Hur, H.Min, B. S.Baik, S. H.Lee, K. Y.Kim, N. K., Short and long-term outcomes of robotic versus laparoscopic total mesorectal excision for rectal cancer. Medicine (United States). 2015;94(11);e522	12
11751	V. V. M. Poorten, J.Nuyts, S.Clement, P.Hermans, R.Hauben, E.Delaere, P., Postoperative photodynamic therapy as a new adjuvant treatment after robot-assisted salvage surgery of recurrent squamous cell carcinoma of the base of tongue. World Journal of Surgical Oncology. 2015;13(1) (no pagination);	3
11752	C. W. Li, T.Hu, L.Zhang, L.Zhao, Y.Du, H.Wang, L.Tang, P., Robot-musculoskeletal dynamic biomechanical model in robot-assisted diaphyseal fracture reduction. Bio-Medical Materials and Engineering. 2015;26(Supplement 1);S365-S374	2
11753	W. S. K. Jones, J. M., Bilateral bloody otorrhagia after robotic-assisted laparoscopic prostatectomy. A and A Case Reports. 2015;5(6);91-92	3
11754	B. Busmar, Comparison between robotic radical hysterectomy with laparoscopic and open abdominal radical hysterectomy in the treatment of early stage cervical cancer. World Journal of Laparoscopic Surgery. 2015;8(1);26-31	5
11755	T. N. Bourcier, M.Sauer, A.Gaucher, D.Speeg, C.Mutter, D.Marescaux, J.Liverneaux, P., Robot-assisted pterygium surgery: Feasibility study in a nonliving porcine model. Translational Vision Science and Technology. 2015;4(1) (no pagination);	7
11756	A. G. Perutelli, S.Basile, S.Signori, S.Boggi, U.Salerno, M. G., Combined robotically-assisted laparoscopic left hepatectomy and total hysterectomy of enlarged uterus. Minerva chirurgica. 2015;70(5);386-388	3
11757	T. M. Vendrametto, J. S.Hirsch, B. E.Riviere, C. N.Ferrigno, G.De Momi, E., Robot assisted stapedotomy ex vivo with an active handheld instrument. Conference proceedings : ... 2015;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2015;4879-4882	8
11758	F. Y. B. Lin, C.Yang, G. Z., Biometry-based concentric tubes robot for vitreoretinal surgery. Conference proceedings : ... 2015;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2015;5280-5284	8
11759	A. A. R. Mendivil, M. A.Abaid, L. N.Brown, J. V.Micha, J. P.Lopez, K. L.Goldstein, B. H., A comparison of open surgery, robotic-assisted surgery and conventional laparoscopic surgery in the treatment of morbidly obese endometrial cancer patients. JSLS : Journal of the Society of Laparoendoscopic Surgeons. 2015;19(1);e2014.00001	13
11760	R. Rohrig, iRobot, MD--are we ready for the future becomes the present?. Methods of information in medicine. 2015;54(1);110	8
11761	C. T. Pacchierotti, A.Bianchini, G.Prattichizzo, D., Enhancing the Performance of Passive Teleoperation Systems via Cutaneous Feedback. IEEE transactions on haptics. 2015;8(4);397-409	2
11762	O. J. Rodriguez Gonzalez, R.Genesis, J.Luis, M.Liumariel, V.Raquel, F.Alexis, S., Robot-assisted laparoscopic gastrectomy for Menetrier's disease. Journal of robotic surgery. 2015;9(3);257-261	3

11763	L. N. Sessa, C.Germain, A.Ayav, A.Bresler, L.Brunaud, L., Right robotic adrenalectomy for a 8 cm pheochromocytoma (with video). Journal of visceral surgery. 2015;152(5);334-335	8
11764	B. M. Xiong, L.Huang, W.Zhao, Q.Cheng, Y.Liu, J., Robotic versus laparoscopic total mesorectal excision for rectal cancer: a meta-analysis of eight studies. Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract. 2015;19(3);516-526	8
11765	F. P. Aoun, A.van Velthoven, R., Bladder sparing robot-assisted laparoscopic en bloc resection of urachus and umbilicus for urachal adenocarcinoma. Journal of robotic surgery. 2015;9(2);167-170	3
11766	V. E. Schraibman, M. G.Maccapani, G. N.Macedo, A. L., Single-port robotic cholecystectomy. Initial and pioneer experience in Brazil. Einstein (Sao Paulo, Brazil). 2015;13(4);607-610	3
11767	J. A. Smith, Legends in urology. The Canadian journal of urology. 2015;22(1);7590-7593	8
11768	E. S. A.-O. Rajih, M. F.Alkhudair, W. K., Robotic transmesocolonic Pyelolithotomy of horseshoe kidney. International braz j urol : official journal of the Brazilian Society of Urology. 2015;41(1);179-180	3
11769	G. E. M. Gin, A. C.Spaliviero, M.Vertosick, E. A.Bernstein, M. L.Coleman, J. A., Comparison of perioperative outcomes of retroperitoneal and transperitoneal minimally invasive partial nephrectomy after adjusting for tumor complexity. Urology. 2014;84(6);1355-1360	3
11770	N. B. Pluchino, N. C.Drakopoulos, P.Wenger, J. M.Morel, P.Dallenbach, P., Robotic single-site combined cholecystectomy and hysterectomy: Advantages and limits. International Journal of Surgery Case Reports. 2014;5(12);1025-1027	3
11771	A. M. Sencan, B. J.Nguyen, H. T., Analysis of anastomotic line perfusion with fluorescent molecular imaging after augmentation ileocystoplasty in open and robot-assisted laparoscopic surgery. Turkiye Klinikleri Journal of Medical Sciences. 2014;34(3);328-333	7
11772	R. K. P. Mehmood, J.Bhuvimanian, L.Qasem, E.Mohammed, A. A.Zeeshan, M.Grugel, K.Carter, P.Ahmed, S., Short-term outcome of laparoscopic versus robotic ventral mesh rectopexy for full-thickness rectal prolapse. Is robotic superior?. International Journal of Colorectal Disease. 2014;29(9);1113-1118	12
11773	J. C. H. Byrn, J. E.Charlton, M. E., An initial experience with 85 consecutive robotic-assisted rectal dissections: improved operating times and lower costs with experience. Surgical Endoscopy. 2014;28(11);3101-3107	3
11774	Q. V. Ballouhey, T.Berenguer, D.Cros, J.Longis, B.Lardy, H.Fourcade, L., SFCP CO-57 - First evaluation of robot-assisted thoracic surgery in infants. Archives de Pediatrie. 2014;21(5);435	10
11775	D. J. P. Kim, S. Y.Lee, S.Kim, H. I.Hyung, W. J., Feasibility of a robot-assisted thoracoscopic lymphadenectomy along the recurrent laryngeal nerves in radical esophagectomy for esophageal squamous carcinoma. Surgical Endoscopy. 2014;28(6);1866-1873	3
11776	A. P. Patel, M.Lytle, N.Toro, J. P.Medbery, R. L.Bluestein, S.Perez, S. D.Sweeney, J. F.Davis, S. S.Lin, E., Can we become better robot surgeons through simulator practice?. Surgical Endoscopy. 2014;28(3);847-853	2
11777	K. K. Yoshimitsu, T.Song, S. E.Hata, N., A novel four-wire-driven robotic catheter for radio-frequency ablation treatment. International Journal of Computer Assisted Radiology and Surgery. 2014;9(5);867-874	3

11778	J. J. K. O'Neill, T. M., Online free anatomy registration via noncontact skeletal tracking for collaborative human/robot interaction in surgical robotics. Journal of Medical Devices, Transactions of the ASME. 2014;8(3) (no pagination);	8
11779	M. L. Gibber, E. J.Kon, Z. N.Wehman, P. B.Griffith, B. P.Bonatti, J., Is there a role for robotic totally endoscopic coronary artery bypass in patients with a colostomy?. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2014;9(6);448-450	3
11780	P. S. Sridhar, D. W.Lee, S. L.Ebright, M. I.Litle, V. R.Fernando, H. C., Mediastinal parathyroid adenoma with osteitis fibrosis cystica: Robot-assisted thoracic surgical resection. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2014;9(6);445-447	3
11781	J. M. Howard, L.Dwivedi, R. C.Riffat, F.Benson, R.Jefferies, S.Jani, P.Tysome, J. R.Nutting, C., Minimally invasive surgery versus radiotherapy/chemoradiotherapy for early-stage oropharyngeal carcinoma. Cochrane Database of Systematic Reviews. 2014;2014(2) (no pagination);	8
11782	S. F. D. Herling, B.Thomsen, T.Moller, A. M., Total intravenous anaesthesia versus inhalational anaesthesia for transabdominal robotic assisted laparoscopic surgery. Cochrane Database of Systematic Reviews. 2014;2014(12) (no pagination);	8
11783	E. C. Bertani, A.Vigna, P. D.Radice, D.Papis, D.Cossu, M. L.Biffi, R.Bianchi, P. P.Luca, F.Andreoni, B., The impact of pelvimetry on anastomotic leakage in a consecutive series of open, laparoscopic and robotic low anterior resections with total mesorectal excision for rectal cancer. Hepato-Gastroenterology. 2014;61(134);1574-1581	12
11784	T. Y. L. Shin, S. K.Komninos, C.Kim, D. W.Han, W. K.Hong, S. J.Jung, B. H.Rha, K. H., Laparoendoscopic single-site (LESS) robot-assisted partial nephrectomy (RAPN) reduces postoperative wound pain without a rise in complication rates. BJU International. 2014;114(4);555-561	3
11785	A. L. C. De Castro Abreu, S.Dharmaraja, A.Djaladat, H.Ukimura, O.Desai, M. M.Gill, I. S.Aron, M., Robot-assisted bladder diverticulectomy. Journal of Endourology. 2014;28(10);1159-1164	3
11786	M. C. Qadan, M. J.Wren, S. M., The evolving application of single-port robotic surgery in general surgery. Journal of Hepato-Biliary-Pancreatic Sciences. 2014;21(1);26-33	8
11787	Y. A. F. Lyons, M.Soliman, P. T., Response to MEK inhibitor in small cell neuroendocrine carcinoma of the cervix with a KRAS mutation. Gynecologic Oncology Reports. 2014;10;28-29	3
11788	M. A. Oksar, Z.Ocal, H.Balbay, M. D.Kanbak, O., Anesthetic considerations for robotic cystectomy: A prospective study. Revista Brasileira de Anestesiologia. 2014;64(2);109-115	3
11789	S. K. Lee, H. Y.Lee, C. R.Park, S.Son, H.Kang, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y.Park, C. S., A prospective comparison of patient body image after robotic thyroidectomy and conventional open thyroidectomy in patients with papillary thyroid carcinoma. Surgery (United States). 2014;156(1);117-125	4
11790	J. P. C. Van Batavia, P., Robotic surgery in pediatric urology. Current Urology Reports. 2014;15(5) (no pagination);	8
11791	M. P. Young, A., Total mesorectal excision: Open, laparoscopic or robotic. Early Gastrointestinal Cancers II: Rectal Cancer. 2014;Recent Results in Cancer Research. 203;47-55	8
11792	A. D. Parisi, J.Trastulli, S.Grassi, V.Ricci, F.Farinacci, F.Cacurri, A.Castellani, E.Corsi, A.Renzi, C.Barberini, F.D'Andrea, V.Santoro, A.Cirocchi, R., Robotic pancreaticoduodenectomy in a case of duodenal gastrointestinal stromal tumor. World Journal of Surgical Oncology. 2014;12(1) (no pagination);	3

11793	M. H. L. C. Liow, P. L.Tay, K. J. D.Chia, S. L.Lo, N. N.Yeo, S. J., Early experiences with robot-assisted total knee arthroplasty using the digiMatchTM ROBODOC surgical system. Singapore Medical Journal. 2014;55(10);529-534	2
11794	A. K. F. Sinno, A. N., Robotic-assisted surgery in gynecologic oncology. Fertility and Sterility. 2014;102(4);922-932	8
11795	M. F. R. Paraiso, Robotic-assisted laparoscopic surgery for hysterectomy and pelvic organ prolapse repair. Fertility and Sterility. 2014;102(4);933-938	8
11796	B. M. Schatlo, G.Cuvinciuc, V.Kotowski, M.Schaller, K.Tessitore, E., Safety and accuracy of robot-assisted versus fluoroscopy-guided pedicle screw insertion for degenerative diseases of the lumbar spine: A matched cohort comparison - Clinical article. Journal of Neurosurgery: Spine. 2014;20(6);636-643	12
11797	E. H. L. Kim, J. A.Figenshau, M.Figenshau, R. S., Perioperative complications of robot-assisted partial nephrectomy. Current Urology Reports. 2014;15(1) (no pagination);	8
11798	D. A. Samarasekera, R.Khalifeh, A.Kaouk, J. H., Robot-assisted laparoscopic renal artery aneurysm repair with selective arterial clamping. International Journal of Urology. 2014;21(1);114-116	3
11799	F. A. Sendag, A.Oztekin, M. K., Robotic Single-Incision Transumbilical Total Hysterectomy Using a Single-Site Robotic Platform: Initial Report and Technique. Journal of Minimally Invasive Gynecology. 2014;21(1);147-151	3
11800	I. S. B. Sarkaria, M. S.Finley, D. J.Adusumilli, P. S.Huang, J.Rusch, V. W.Jones, D. R.Rizk, N. P., Intraoperative near-infrared fluorescence imaging as an adjunct to robotic-assisted minimally invasive esophagectomy. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2014;9(5);391-393	2
11801	A. S. Z. Flum, L. C.Kielb, S. J.Wilson, E. B.Shu, T.Hairston, J. C., Completely intracorporeal robotic-assisted laparoscopic augmentation enterocystoplasty with continent catheterizable channel. Urology. 2014;84(6);1314-1318	3
11802	W. J. K. Park, M.Noh, S.Yoon, C.Lee, C.Kim, Y.Kim, H. H.Kim, H. C.Kim, S., Pneumatic-type surgical robot end-effector for laparoscopic surgical-operation-by-wire. BioMedical Engineering Online. 2014;13(1) (no pagination);	2
11803	M. S. Tokunaga, N.Kondo, J.Tanizawa, Y.Bando, E.Kawamura, T.Terashima, M., Early phase II study of robot-assisted distal gastrectomy with nodal dissection for clinical stage IA gastric cancer. Gastric Cancer. 2014;17(3);542-547	3
11804	T. K. Sukhu, T. L., Patient positioning and prevention of injuries in patients undergoing laparoscopic and robot-assisted urologic procedures. Current Urology Reports. 2014;15(4) (no pagination);	8
11805	S. W. Leonard, K. L.Kim, Y.Krieger, A.Kim, P. C. W., Smart tissue anastomosis robot (STAR): A vision-guided robotics system for laparoscopic suturing. IEEE Transactions on Biomedical Engineering. 2014;61(4);1305-1317	2
11806	T. T. Yasui, K.Kurokawa, S.Okada, A.Mizuno, K.Umemoto, Y.Kawai, N.Sasaki, S.Hayashi, Y.Kojima, Y.Kohri, K., Impact of prostate weight on perioperative outcomes of robot-assisted laparoscopic prostatectomy with a posterior approach to the seminal vesicle. BMC Urology. 2014;14(1) (no pagination);	3
11807	A. A. Toker, K.Grusina-Ujumaza, J.Kaba, E., Resection of a bronchogenic cyst in the first decade of life with robotic surgery. Interactive Cardiovascular and Thoracic Surgery. 2014;19(2);321-323	3
11808	C. S. S. Pietersma, H. W. R.Kooistra, A.Koops, S. E. S., Robotic-assisted laparoscopic repair of a vesicovaginal fistula: A time-consuming novelty or an effective tool?. BMJ Case Reports.. 2014;10;	3

11809	E. C. H. T. Lai, C. N., Robot-assisted laparoscopic partial caudate lobe resection for hepatocellular carcinoma in cirrhotic liver. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2014;24(3);e88-e91	3
11810	L. S. S. Krane, J. M.Rague, J. T.Hemal, A. K., Do statin medications impact renal functional or oncologic outcomes for robot-assisted partial nephrectomy?. Journal of Endourology. 2014;28(11);1308-1312	3
11811	C. W. Ikeda, G.Ishikawa, N.Ohtake, H.Tomita, S., Harvesting bilateral internal thoracic arteries using a novel subxiphoid approach versus the conventional lateral thoracic approach - Results of an experimental study. Journal of Thoracic and Cardiovascular Surgery. 2014;148(2);461-467	3
11812	H. G. Abdul-Muhsin, C.Samavedi, S.Schatloff, O.Coelho, R.Rocco, B.Palmer, K.Ebra, G.Patel, V., Perioperative and early oncological outcomes after robot-assisted radical prostatectomy (RARP) in morbidly obese patients: A propensity score-matched study. BJU International. 2014;113(1);84-91	3
11813	Y. S. C. Shin, E. C.Kim, C. H.Koh, Y. W., Robot-assisted selective neck dissection combined with facelift parotidectomy in parotid cancer. Head and Neck. 2014;36(4);592-595	3
11814	S. J. F. Raza, S.Chowriappa, A.Ahmed, K.Field, E.Stegemann, A. P.Rehman, S.Sharif, M.Shi, Y.Wilding, G. E.Kesavadas, T.Kaouk, J.Guru, K. A., Construct validation of the key components of fundamental skills of robotic surgery (FSRS) curriculum - A multi-institution prospective study. Journal of Surgical Education. 2014;71(3);316-324	1
11815	S. A. Farghaly, Single port access (SPA) robot-assisted laparoscopic posterior pelvic exenteration for patients with advanced and recurrent ovarian cancer: Farghaly's technique. European Journal of Gynaecological Oncology. 2014;35(2);113-116	3
11816	K. S. Tanaka, K.Ishimura, T.Muramaki, M.Miyake, H.Fujisawa, M., Evaluation of a 3D system based on a high-quality flat screen and polarized glasses for use by surgical assistants during robotic surgery. Indian Journal of Urology. 2014;30(1);13-16	3
11817	Z. C. Bayramoglu, B.Ezelsoy, M.Oral, K.Sagbas, E.Akpinar, B., Angiographic evaluation of graft patency in robotic-assisted coronary artery bypass surgery: 8 year follow-up. International Journal of Medical Robotics and Computer Assisted Surgery. 2014;10(1);121-127	3
11818	J. K. P. Jhaveri, F. J.Diaz-Insua, M.Jeong, W.Menon, M.Peabody, J. O., Ureteral injuries sustained during robot-assisted radical prostatectomy. Journal of Endourology. 2014;28(3);318-324	3
11819	E. B. Magni, E.Ravenda, P. S.Cassatella, M. C.Bertani, E.Chiappa, A.Luca, F.Zorzino, L.Bianchi, P. P.Adamoli, L.Sandri, M. T.Zampino, M. G., Detection of circulating tumor cells in patients with locally advanced rectal cancer undergoing neoadjuvant therapy followed by curative surgery. International Journal of Colorectal Disease. 2014;29(9);1053-1059	2
11820	X. Y. Zhang, J.Ren, Y.Shen, C.Ying, X.Pan, S., Robot-assisted versus laparoscopic partial nephrectomy for localized renal tumors: A meta-analysis. International Journal of Clinical and Experimental Medicine. 2014;7(12);4770-4779	8
11821	S. B. Calinon, D.Malekzadeh, M. S.Nanayakkara, T.Caldwell, D. G., Human-robot skills transfer interfaces for a flexible surgical robot. Computer Methods and Programs in Biomedicine. 2014;116(2);81-96	2
11822	J. C. d. S. M. Garcia Jr, E. F., Endoscopic robotic decompression of the ulnar nerve at the elbow. Arthroscopy Techniques. 2014;3(3);e383-e387	3
11823	I. S. R. Sarkaria, N. P., Robotic-assisted minimally invasive esophagectomy: The Ivor Lewis approach. Thoracic Surgery Clinics. 2014;24(2);211-222	8

11824	G. S. Y. Schwartz, S. C., Robotic thymectomy for thymic neopla 는. Thoracic Surgery Clinics. 2014;24(2);197-201	8
11825	M. K. O. Mallipeddi, M. W., The contemporary role of minimally invasive esophagectomy in esophageal cancer topical collection on gastrointestinal cancers. Current Oncology Reports. 2014;16(3) (no pagination);	8
11826	Y. C. He, A.Gelvez-Zapata, S.Sastry, P.Page, A., Evaluation of a robot-assisted video-assisted thoracoscopic surgery programme. Experimental and Therapeutic Medicine. 2014;7(4);873-876	13
11827	J. L. B. Woelk, B. J.Trabuco, E. C.Heien, H. C.Gebhart, J. B., Cost differences among robotic, vaginal, and abdominal hysterectomy. Obstetrics and Gynecology. 2014;123(2 PART 1);255-262	4
11828	Z. L. Zhu, Q.Chen, J.Duan, W.Dong, M.Mu, P.Cheng, D.Che, H.Zhang, T.Xu, X.Zhou, N., Robotic surgery twice performed in the treatment of hilar cholangiocarcinoma with deep jaundice: Delayed right hemihepatectomy following the right-hepatic vascular control. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2014;24(5);e184-e190	3
11829	X. L. Jingjing, H.Lijun, S.Yang, Y., Design and research of a robotic aided system for retinal vascular bypass surgery. Journal of Medical Devices, Transactions of the ASME. 2014;8(4) (no pagination);	7
11830	A. N. Pourghodrat, C. A., Miniature fluidic actuators for surgical robotics. Journal of Medical Devices, Transactions of the ASME. 2014;8(3) (no pagination);	8
11831	A. N. Pourghodrat, C. A.Oleynikov, D., Electrohydraulic robotic manipulator with multiple instruments for minimally invasive surgery. Journal of Medical Devices, Transactions of the ASME. 2014;8(3) (no pagination);	8
11832	N. A. H. L. Darail, S. H.Kang, S. W.Jeong, J. J.Nam, K. H.Chung, W. Y., Gasless transaxillary endoscopic thyroidectomy: A decade on. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2014;24(6);e211-e215	3
11833	M. N. Kim, F.Eruchalu, C. N.Augenstein, V. A.Heniford, B. T.Stefanidis, D., Minimally invasive Roux-en-Y gastric bypass for fundoplication failure offers excellent gastroesophageal reflux control. American Surgeon. 2014;80(7);696-703	3
11834	O. S. G. G. Barnoiu, E.Baron Lopez, F.Vozmediano Chicharro, R.Soler Martinez, J.Del Rosal Samaniego, J. M.MacHuca Santacruz, J.Baena Gonzalez, V., Prospective urodynamic model for prediction of urinary incontinence after robot-assisted radical prostatectomy. Urologia Internationalis. 2014;92(3);306-309	3
11835	B. B. Tuschy, S.Brade, J.Sutterlin, M.Hornemann, A., Solo surgery-Early results of robot-assisted three-dimensional laparoscopic hysterectomy. Minimally Invasive Therapy and Allied Technologies. 2014;23(4);230-234	13
11836	W. P. A. Liu, M.Sorger, J.Taylor, R. H.Reilly, B. K.Cleary, K.Preciado, D., Cadaveric feasibility study of da Vinci Si-assisted cochlear implant with augmented visual navigation for otologic surgery. JAMA Otolaryngology - Head and Neck Surgery. 2014;140(3);208-214	7
11837	Y. S. Barzilay, J. E.Hiller, N.Singer, G.Hasharoni, A.Safran, O.Liebergall, M.Itshayek, E.Kaplan, L., Robot-Assisted vertebral body augmentation: A radiation reduction tool. Spine. 2014;39(2);153-157	3
11838	P. T. Schramm, A. H.Berres, M.Pestel, G.Engelhard, K.Werner, C.Closhen, D., Time course of cerebrovascular autoregulation during extreme Trendelenburg position for robotic-assisted prostatic surgery. Anaesthesia. 2014;69(1);58-63	3
11839	M. B. S. Marshall, S. J.Flores, R. M.Bauer, T. L., Solitary pulmonary nodules. Seminars in Thoracic and Cardiovascular Surgery. 2014;26(2);157-171	8

11840	P. S. Sooriakumaran, A.Shariat, S. F.Stricker, P. D.Ahlering, T.Eden, C. G.Wiklund, P. N.Sanchez-Salas, R.Mottrie, A.Lee, D.Neal, D. E.Ghavamian, R.Nyirady, P.Nilsson, A.Carlsson, S.Xylinas, E.Loidl, W.Seitz, C.Schramek, P.Roehrborn, C.Cathelineau, X.Skarecky, D.Shaw, G.Warren, A.Delprado, W. J.Haynes, A. M.Steyerberg, E.Roobol, M. J.Tewari, A. K., A multinational, multi-institutional study comparing positive surgical margin rates among 22 393 open, laparoscopic, and robot-assisted radical prostatectomy patients. European Urology. 2014;66(3);450-456	5
11841	C. M. Rosendal, S.Hien, M. D.Motsch, J.Roggenbach, J., Cardiac and hemodynamic consequences during capnoperitoneum and steep Trendelenburg positioning: Lessons learned from robot-assisted laparoscopic prostatectomy. Journal of Clinical Anesthesia. 2014;26(5);383-389	3
11842	P. V. Dallenbach, N., Robotically assisted laparoscopic repair of anterior vaginal wall and uterine prolapse by lateral suspension with mesh: Initial experience and video. International Urogynecology Journal and Pelvic Floor Dysfunction. 2014;25(8);1137-1139	3
11843	L. M. Tigan, H.Hendriks, S.Facca, S.Liverneaux, P., Interest of telemicrosurgery in peripheral nerve tumors: About a series of seven cases. Chirurgie de la Main. 2014;33(1);13-16	5
11844	M. Hanafi, Comparative study between robotic laparoscopic myomectomy and abdominal myomectomy. Middle East Fertility Society Journal. 2014;19(4);268-273	5
11845	L. R. v. d. K. Schover, M.van Dorst, E.Creutzberg, C.Huyghe, E.Kiserud, C. E., Sexual dysfunction and infertility as late effects of cancer treatment. European Journal of Cancer, Supplement. 2014;12(1);41-53	3
11846	F. B. Corcione, U.Pirozzi, F.Cuccurullo, D.Angelini, P. L., Robotic single-access splenectomy using the Da Vinci single-site platform: A case report. International Journal of Medical Robotics and Computer Assisted Surgery. 2014;10(1);103-106	3
11847	U. K. S. Mukherjee, S.Bosch, S.Sinha, K. K., critical and complex technological capability development for health care delivery: Multiyear field study of a surgical (da vinci) robot in a multispecialty hospital. Journal of Medical Devices, Transactions of the ASME. 2014;8(3) (no pagination);	8
11848	R. K. Dockter, T. M., A framework for calibrating and benchmarking computer vision algorithms in surgical robotics. Journal of Medical Devices, Transactions of the ASME. 2014;8(3) (no pagination);	3
11849	A. T. Talasaz, A. L.Perreault, S.Bassan, H.Patel, R. V., A dual-arm 7-degrees-of-freedom haptics-enabled teleoperation test bed for minimally invasive surgery. Journal of Medical Devices, Transactions of the ASME. 2014;8(4) (no pagination);	2
11850	E. E. C. Washburn, S. L.Manoucheri, E.Zurawin, R. K.Einarsson, J. I., Trends in reported resident surgical experience in hysterectomy. Journal of Minimally Invasive Gynecology. 2014;21(6);1067-1070	5
11851	A. S. Hua, R. J.Gordon, J. P.Yang, E. H., Minimally invasive robotically assisted surgical resection of left atrial endocardial papillary fibroelastomas. Journal of Thoracic and Cardiovascular Surgery. 2014;148(6);3247-3249	3
11852	S. E. Totonchi, R.Monahan, M.Johnston, Iii W. K., Upper quadrant port placement for robot-assisted renal surgery: Implementation of the floating arm and the XL protype. Journal of Endourology. 2014;28(8);900-905	3
11853	M. A. J. Borahay, M.Tapisiz, O. L.Lyons, E.Patel, P. R.Nassar, R.Kilic, G. S., Assessment of minimally invasive surgical skills of pre-medical students: What can we learn from future learners?. Journal of the Turkish German Gynecology Association. 2014;15(2);69-73	2

11854	J. K. Y. Oh, M. S.Yoon, D. H.Rha, K. H.Kim, K. N.Yi, S.Ha, Y., Robotic resection of huge presacral tumors: Case series and comparison with an open resection. Journal of Spinal Disorders and Techniques. 2014;27(4);E151-E154	5
11855	J. K. Riikonen, A.Matikainen, M.Koskimaki, J.Kylmala, T.Tammela, T. L., Side-fenestrated catheter decreases leakage at the urethrovesical anastomosis after robot-assisted laparoscopic radical prostatectomy. Scandinavian Journal of Urology. 2014;48(1);21-26	3
11856	C. H. B. Kim, H. K.Shin, Y. S.Koh, Y. W.Choi, E. C., Robot-assisted Sistrunk operation via a retroauricular approach for thyroglossal duct cyst. Head and Neck. 2014;36(3);456-458	3
11857	L. A. H. H. Critchley, L., USCOM - Window to the circulation: Utility of supra-sternal Doppler in an elderly anaesthetized patient for a robotic cystectomy. Journal of Clinical Monitoring and Computing. 2014;28(1);83-93	3
11858	N. W. Ishikawa, G.Tomita, S.Yamaguchi, S.Nishida, Y.Iino, K., Robot-assisted minimally invasive direct coronary artery bypass grafting - ThoraCAB. Circulation Journal. 2014;78(2);399-402	3
11859	M. H. L. X. Liow, Z.Wong, M. K.Tay, K. J.Yeo, S. J.Chin, P. L., Robot-assisted total knee arthroplasty accurately restores the joint line and mechanical axis: A prospective randomised study. Journal of Arthroplasty. 2014;29(12);2373-2377	12
11860	S. I. M. Iqbal, C.Williamson, C.Flacke, S., Purposeful creation of a pneumothorax and chest tube placement to facilitate ct-guided coil localization of lung nodules before video-assisted thoracoscopic surgical wedge resection. Journal of Vascular and Interventional Radiology. 2014;25(7);1133-1138	3
11861	A. Z. Moran, G., Transoral robotic resection of parapharyngeal space tumors. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2014;25(3);293-298	3
11862	R. L. D. Leonardis, U.Mehta, D., Transoral robotic-assisted laryngeal cleft repair in the pediatric patient. Laryngoscope. 2014;124(9);2167-2169	3
11863	R. D. B. Adams, W. D.Stephenson, J. E.Henry, G.Robbins, E. T.Sommers, E., Initial multicenter community robotic lobectomy experience: Comparisons to a national database. Annals of Thoracic Surgery. 2014;97(6);1893-1900	13
11864	K. F. C. Lee, C. C. N.Wong, J.Cheung, S. Y. S.Lai, P. B. S., Robotic surgery for Mirizzi syndrome. Surgical Practice. 2014;18(1);54-55	3
11865	H. H. V. Balkhy, M. E.Chapman, P. D.Peters, C. C., Robotic application of a novel dual-energy device for left atrial ablation: Intraoperative and early postoperative results. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2014;9(6);439-444	3
11866	C. L. Vicini, C. A.Montevecchi, F.Dinelli, E.Seccia, V.Dallan, I., Successful application of transoral robotic surgery in failures of traditional transoral laser microsurgery: Critical considerations. Orl. 2014;76(2);98-104	3
11867	N. Y. Gupta, R.Akpo, E., Continence outcomes following robotic radical prostatectomy: Our experience from 150 consecutive patients. Indian Journal of Urology. 2014;30(4);374-377	3
11868	S. B. P. Williams, K.Hu, J. C., Economics of Robotic Surgery. Does It Make Sense and for Whom?. Urologic Clinics of North America. 2014;41(4);591-596	8
11869	G. Z. Liao, Z.Lin, S.Li, R.Yuan, Y.Du, S.Chen, J.Deng, H., Robotic-assisted versus laparoscopic colorectal surgery: A meta-analysis of four randomized controlled trials. World Journal of Surgical Oncology. 2014;12(1) (no pagination);	8

11870	C. T. B. Lewis, D. M.Stephens, R. L.Cline, J. L.Tyndal, C. M., Robotic repair of sinus venosus atrial septal defect with partial anomalous pulmonary venous return and persistent left superior vena cava. Innovations (Philadelphia, Pa.). 2014;9(5);388-390	3
11871	H. L. Xu, J.Sun, Y.Li, Z.Zhen, Y.Wang, B.Xu, Z., Robotic versus laparoscopic right colectomy: A meta-analysis. World Journal of Surgical Oncology. 2014;12(1) (no pagination);	8
11872	R. F. B. Ijah, P.Kaltan, S.Khetan, M.John, S.Bindal, V.Ali, A., Sleeve gastrectomy for morbid obesity: Robotic vs standard laparoscopic sleeve gastrectomy methods. World Journal of Laparoscopic Surgery. 2014;7(1);44567	12
11873	Z. K. Klaassen, R. M.Patel, D.Terris, M. K.Madi, R., A single surgeon's experience with open, laparoscopic, and robotic partial nephrectomy. ISRN Urology. 2014;2014 (no pagination);	13
11874	T. T. Yasui, K.Okada, A.Kurokawa, S.Kubota, H.Mizuno, K.Umemoto, Y.Kawai, N.Sasaki, S.Hayashi, Y.Kohri, K., Outcomes of Robot-Assisted laparoscopic prostatectomy with a posterior approach to the seminal vesicle in 300 patients. ISRN Urology. 2014;2014 (no pagination);	3
11875	K. D. S. Algarni, R. M.Daly, R. C., Robotic-assisted mitral valve repair: surgical technique. Multimedia manual of cardiothoracic surgery : MMCTS / European Association for Cardio Thoracic Surgery. 2014;;	3
11876	T. N. N. Finger, F. R., Robotic-assisted fertility-sparing surgery for early ovarian cancer. JSLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons. 2014;18(2);308-313	3
11877	L. S. B. Canale, J., How to perform a coronary artery anastomosis in complete endoscopic fashion with robotic assistance. Revista brasileira de cirurgia cardiovascular : orgao oficial da Sociedade Brasileira de Cirurgia Cardiovascular. 2014;29(4);654-656	3
11878	M. S. P. Nosrati, J. M.Abinahed, J.Al-Alao, O.Al-Ansari, A.Abugharbieh, R.Hamarneh, G., Efficient multi-organ segmentation in multi-view endoscopic videos using pre-operative priors. Medical image computing and computer-assisted intervention : MICCAI ... 2014;International Conference on Medical Image Computing and Computer-Assisted Intervention. Part 2. 17;324-331	2
11879	C. A. Perez-Mitchell, J. A.Ferrer-Torres, L. E., Robotic-assisted salvage supraglottic laryngectomy. Puerto Rico Health Sciences Journal. 2014;33(2);88-90	3
11880	V. B. Bindal, P.Kalhan, S.Khetan, M.John, S.Ali, A.Singh, R.Rath, A.Wadhera, S.Bansal, N., Robot-assisted excision of a large retroperitoneal schwannoma. JSLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons. 2014;18(1);150-154	3
11881	Y. M. Roh, M.Giulianotti, P. C., Robot-assisted resection of a retrocaval peridiaphragmatic mass. JSLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons. 2014;18(1);146-149	3
11882	G. B. Cochetti, F.Boni, A.Del Zingaro, M.Ettore, M., Robot assisted laparoscopic excision of a paraganglioma: new therapeutic approach. International braz j urol : official journal of the Brazilian Society of Urology. 2014;40(2);279-280	3
11883	G. F.-M. Yildirim, I.Schwarzkopf, R.Walker, P. S.Karia, R., Comparison of robot surgery modular and total knee arthroplasty kinematics. The journal of knee surgery. 2014;27(2);157-163	2
11884	K. E. Maddock, I, Robot!. Biomedical instrumentation & technology / Association for the Advancement of Medical Instrumentation. 2014;48(6);472	8

11885	F. Dal Moro, Athermal bladder neck dissection during robot-assisted radical prostatectomy. International braz j urol : official journal of the Brazilian Society of Urology. 2014;40(3);433; discussion 434	3
11886	S. S. McAdams, J.Sweet, R. M., Zinner's syndrome. Like sitting on a tennis ball for 20 years. Minnesota medicine. 2014;97(10);40-41	5
11887	T. H. Sakai, K.Tanaka, S.Ueta, T.Noda, Y.Sugita, N.Mitsuishi, M., Design and development of miniature parallel robot for eye surgery. Conference proceedings : ... 2014;Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2014;371-374	8
11888	A. N. Pai, R.Ayres, B.Tsoi, H.Sooriakumaran, P.Issa, R.Perry, M., Comparative outcomes of open and robotic-assisted radical cystectomy in an enhanced recovery programme era. Journal of Clinical Urology. 2014;8(3);215-221	13
11889	H. F. White, S.Bush, B.Holsinger, F. C.Moore, E.Ghanem, T.Carroll, W.Rosenthal, E.Magnuson, J. S., Salvage surgery for recurrent cancers of the oropharynx comparing TORS with standard open surgical approaches. JAMA Otolaryngology - Head and Neck Surgery. 2013;139(8);773-778	9
11890	E. K. S. Song, J. K.Yim, J. H.Netravali, N. A.Bargar, W. L., Robotic-assisted TKA reduces postoperative alignment outliers and improves gap balance compared to conventional TKA knee. Clinical Orthopaedics and Related Research. 2013;471(1);118-126	12
11891	M. C. G. Pitter, A. R.Bonaventura, L. M.Stefano Lehman, J.Srouji, S. S., Pregnancy outcomes following robot-assisted myomectomy. Human Reproduction. 2013;28(1);99-108	3
11892	S. G. W. De La Fuente, J.Hoffe, S. E.Shridhar, R.Karl, R.Meredith, K. L., Initial experience from a large referral center with robotic-assisted Ivor Lewis esophagogastrectomy for oncologic purposes. Surgical Endoscopy. 2013;27(9);3339-3347	3
11893	M. P. Frazzoni, M.Conigliaro, R.Manta, R.Frazzoni, L.Melotti, G., Refractory gastroesophageal reflux disease as diagnosed by impedance-pH monitoring can be cured by laparoscopic fundoplication. Surgical Endoscopy. 2013;27(8);2940-2946	3
11894	N. M. E. Helvind, J. R.Mogensen, A.Tas, B.Olsen, J.Bundgaard, M.Jakobsen, H. L.Gogenur, I., No differences in short-term morbidity and mortality after robot-assisted laparoscopic versus laparoscopic resection for colonic cancer: A case-control study of 263 patients. Surgical Endoscopy. 2013;27(7);2575-2580	12
11895	G. P. Spinoglio, F.Bianchi, P. P.Lucido, F. S.Licciardello, A.Maglione, V.Grosso, F.Quarati, R.Ravazzoni, F.Lenti, L. M., Real-time near-infrared (NIR) fluorescent cholangiography in single-site robotic cholecystectomy (SSRC): A single-institutional prospective study. Surgical Endoscopy. 2013;27(6);2156-2162	3
11896	J. Y. C. Yoo, Y. J.Cho, H. B.Park, K. H.Kim, J. S.Lee, S. Y., Comparison of the incidence of postoperative nausea and vomiting between women undergoing open or robot-assisted thyroidectomy. Surgical Endoscopy. 2013;27(4);1321-1325	12
11897	F. C. Narducci, P.Merlot, B.Lambaudie, E.Boulanger, L.Lefebvre-Kuntz, D.Nickers, P.Taieb, S.Houvenaeghel, G.Leblanc, E., Benefit of robot-assisted laparoscopy in nerve-sparing radical hysterectomy: Urinary morbidity in early cervical cancer. Surgical Endoscopy. 2013;27(4);1237-1242	3
11898	C. M. C. Song, Y. H.Ji, Y. B.Jeong, J. H.Kim, D. S.Tae, K., Comparison of a gasless unilateral axillo-breast and axillary approach in robotic thyroidectomy. Surgical Endoscopy. 2013;27(10);3769-3775	3
11899	S. G. Stintzing, A.Hendrich, S.Hoffmann, R. T.Heinemann, V.Rentsch, M.Fuerweger, C.Muacevic, A.Trumm, C. G., Percutaneous radiofrequency ablation (RFA) or robotic radiosurgery (RRS) for salvage treatment of colorectal liver metastases. Acta Oncologica. 2013;52(5);971-977	12

11900	H. R. M. Sato, H. G., Hydrothorax after robotic-assisted surgical staging of endometrial cancer. Gynecologic Oncology Reports. 2013;3;14-15	3
11901	S. G. C. Chefranov, A. G.Chefranov, A. S., Hydro-mechanical foundation for blood swirling vortex flows formation in the cardio-vascular system and the problem of artificial heart creation. Cardiometry. 2013;2013(3);69-81	2
11902	P. F. D. Walker, W. T.Moss, E.Thourani, V. H.Kilgo, P.Liberman, H. A.Devireddy, C.Guyton, R. A.Puskas, J. D.Halkos, M. E., The accuracy of transit time flow measurement in predicting graft patency after coronary artery bypass grafting. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2013;8(6);416-419	3
11903	P. T. Pathiraja, R., Advances in gynaecological oncology surgery. Best Practice and Research: Clinical Obstetrics and Gynaecology. 2013;27(3);415-420	8
11904	S. M. Fukuhara, M.Reyes, A., Robot-assisted azygos lobectomy for adenocarcinoma arising in an azygos lobe. Interactive Cardiovascular and Thoracic Surgery. 2013;16(5);715-717	3
11905	M. S. Kobayashi, I.Nakamura, R., Surgical navigation with distance sensation using force feedback for robotic surgery. Journal of Medical Imaging and Health Informatics. 2013;3(1);120-124	2
11906	G. B. Martucci, G.Spada, M.Arcadipane, A. F., Anesthetic management of totally robotic right lobe living-donor hepatectomy: New tools ask for perioperative care. European Review for Medical and Pharmacological Sciences. 2013;17(14);1974-1977	3
11907	R. I. Kimmig, A.Buderath, P.Aktas, B.Wimberger, P.Heubner, M., Definition of compartment based radical surgery in uterine cancer - Part I: Therapeutic pelvic and periaortic lymphadenectomy by Michael Hockel translated to robotic surgery. ISRN Obstetrics and Gynecology. 2013;2013 (no pagination);	3
11908	C. V. B. Bishop, G.Lane, T.McNicolas, T.Adshead, J., Pioneering robotic-assisted laparoscopic prostatectomy in a regional UK centre: First 100 cases with a minimum 12 months' follow-up. Journal of Clinical Urology. 2013;6(2);94-99	3
11909	E. S. Bright, M.MacDermott, S., Robotic-assisted laparoscopic day-case nephroureterectomy. Journal of Clinical Urology. 2013;6(4);230-233	3
11910	T. R. Lee, N.Nitti, V.Brucker, B. M., Uterine sparing robotic-assisted laparoscopic sacrohysteropexy for pelvic organ prolapse: Safety and feasibility. Journal of Endourology. 2013;27(9);1131-1136	3
11911	G. Z. Du, P., IMU-based online kinematic calibration of robot manipulator. The Scientific World Journal. 2013;2013 (no pagination);	3
11912	S. K. H. Yip, Prostate cancer: Diagnosis, imaging, and robotic surgery. Hong Kong Journal of Radiology. 2013;16(4 SUPPL.);S66-S68	3
11913	S. P. F. Deshpande, M.Grigore, A. M., Pro: Robotic surgery is the preferred technique for coronary artery bypass graft (CABG) surgery. Journal of Cardiothoracic and Vascular Anesthesia. 2013;27(4);802-805	8
11914	J. M. Raiten, Con: Robotic surgery is not the preferred technique for coronary revascularization. Journal of Cardiothoracic and Vascular Anesthesia. 2013;27(4);806-808	8
11915	R. M. J. P. Rodriguez, J. M. D.De La Portilla, F.Sillero, E. P.Dussort, J. M. H. C.Padillo, J., Robotic-assisted total mesorectal excision with the aid of a single-port device. Surgical Innovation. 2013;20(4);NP3-NP5	3
11916	M. P. Simi, R.Menciassi, A.Herrell, S. D.Valdastri, P., Fine tilt tuning of a laparoscopic camera by local magnetic actuation: Two-port nephrectomy experience on human cadavers. Surgical Innovation. 2013;20(4);385-394	7

11917	Y. I. Noda, Y.Tanaka, S.Toyama, T.Roggia, M. F.Tamaki, Y.Sugita, N.Mitsuishi, M.Ueta, T., Impact of Robotic Assistance on Precision of Vitreoretinal Surgical Procedures. PLoS ONE. 2013;8(1) (no pagination);	7
11918	R. L. Eyraud, H.Autorino, R.Panumatrassamee, K.Haber, G. P.Stein, R. J., Robot-assisted laparoscopic bladder diverticulectomy. Current Urology Reports. 2013;14(1);46-51	3
11919	C. C. Riga, N., Future of robotics in vascular surgery. Chinese Medical Journal. 2013;126(3);550-553	8
11920	E. C. J. Rossi, A.Ivanova, A.Boggess, J. F., Detection of sentinel nodes for endometrial cancer with robotic assisted fluorescence imaging: Cervical versus hysteroscopic injection. International Journal of Gynecological Cancer. 2013;23(9);1704-1711	3
11921	J. M. M. Titus, D. P.Raymond, D. P.Rice, T. W.Murthy, S. C., Esophagopulmonary fistula and left lung abscess after transoral incisionless fundoplication. Annals of Thoracic Surgery. 2013;96(2);689-691	3
11922	F. B. Volonte, N. C.Pugin, F.Spaltenstein, J.Schiltz, B.Jung, M.Hagen, M.Ratib, O.Morel, P., Augmented reality to the rescue of the minimally invasive surgeon: The usefulness of the interposition of stereoscopic images in the Da VinciTM robotic console. International Journal of Medical Robotics and Computer Assisted Surgery. 2013;9(3);e34-e38	2
11923	Y. M. H. Park, F. C.Kim, W. S.Park, S. C.Lee, E. J.Choi, E. C.Koh, Y. W., Robot-assisted selective neck dissection of levels II to v via a modified facelift or retroauricular approach. Otolaryngology - Head and Neck Surgery (United States). 2013;148(5);778-785	3
11924	K. L. M. T. Tung, C. N.Lai, E. C. H.Yang, G. P. C.Chan, O. C. Y.Li, M. K. W., Robot-assisted laparoscopic approach of management for Mirizzi syndrome. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2013;23(1);e17-e21	5
11925	K. H. C. Kim, H. G.Jung, Y. H., Head and neck robotic surgery: Pros and Cons. Head and Neck Oncology. 2013;5(3) (no pagination);	8
11926	V. L. Zugor, A. P.Porres, D.Heidenreich, A.Witt, J. H., Robot-assisted radical prostatectomy for the treatment of radiation-resistant prostate cancer: Surgical, oncological and short-term functional outcomes. Urologia Internationalis. 2013;92(1);20-26	3
11927	K. T. Shigemura, K.Yamamichi, F.Muramaki, M.Arakawa, S.Miyake, H.Fujisawa, M., Comparison of postoperative infection between robotic-assisted laparoscopic prostatectomy and open radical prostatectomy. Urologia Internationalis. 2013;92(1);15-19	12
11928	N. G. Hubert, M.Desbrosses, K.Meyer, J.Felblinger, J.Hubert, J., Ergonomic assessment of the surgeon's physical workload during standard and robotic assisted laparoscopic procedures. International Journal of Medical Robotics and Computer Assisted Surgery. 2013;9(2);142-147	1
11929	E. B. K. Rosero, K. A.Joshi, G. P.Giesecke, M.Schaffer, J. I., Comparison of robotic and laparoscopic hysterectomy for benign gynecologic disease. Obstetrics and Gynecology. 2013;122(4);778-786	13
11930	T. C. C. Wei, H. J.Lin, A. T. L.Chen, K. K., Robot-assisted laparoscopic excision of a retroperitoneal paracaval tumor. Journal of the Chinese Medical Association. 2013;76(12);724-726	3
11931	K. J. Tae, Y. B.Jeong, J. H.Kim, K. R.Choi, W. H.Ahn, Y. H., Comparative study of robotic versus endoscopic thyroidectomy by a gasless unilateral axillo-breast or axillary approach. Head and Neck. 2013;35(4);477-484	12

11932	K. A. Tieu, N.Snyder, B.Wilson, T.Toder, M.Wilson, E., Robotic-assisted Roux-en-Y gastric bypass: Update from 2 high-volume centers. Surgery for Obesity and Related Diseases. 2013;9(2);284-288	3
11933	P. M. Iranmanesh, P.Buchs, N. C.Pugin, F.Volonte, F.Kreaden, U. S.Hagen, M. E., Docking of the da Vinci Si Surgical System with single-site technology. International Journal of Medical Robotics and Computer Assisted Surgery. 2013;9(1);44911	3
11934	D. R. P. Yates, V.Roupret, M.Vaessen, C.Parra, J.Mozer, P.Chartier-Kastler, E., Robot-assisted laparoscopic artificial urinary sphincter insertion in men with neurogenic stress urinary incontinence. BJU International. 2013;111(7);1175-1179	3
11935	S. F. C. Matin, J. N.Ward, J. F.Pisters, L. L.Wood, C. G.Dinney, C. P. N.Royal, R. E.Huang, X.Pettaway, C. A., Phase 1 prospective evaluation of the oncological adequacy of robotic assisted video-endoscopic inguinal lymphadenectomy in patients with penile carcinoma. BJU International. 2013;111(7);1068-1074	3
11936	S. S. Greenfield, W., From Methods to Policy: The complexities of comparative effectiveness research on devices: The case of robotic-assisted surgery for prostate cancer. Journal of Comparative Effectiveness Research. 2013;2(4);367-370	8
11937	R. C. Russo, F.Ciccarelli, M.Vernaglia Lombardi, L., Reconstruction of unstable, complex proximal humeral fractures with the da Vinci cage: Surgical technique and outcome at 2 to 6 years. Journal of Shoulder and Elbow Surgery. 2013;22(3);422-431	3
11938	B. H. Kim, S. J.Kim, B. G., Port site metastasis after robotic-assisted laparoscopic hysterectomy for uterine cervical cancer: A case report and literature review. Taiwanese Journal of Obstetrics and Gynecology. 2013;52(4);558-563	8
11939	C. P. Song, D. Y.Gehlbach, P. L.Park, S. J.Kang, J. U., Fiber-optic OCT sensor guided "SMART" micro-forceps for microsurgery. Biomedical Optics Express. 2013;4(7);1045-1050	2
11940	J. W. Zhang, W. M.You, L.Zhao, Y. P., Robotic versus open pancreatectomy: A systematic review and meta-analysis. Annals of Surgical Oncology. 2013;20(6);1774-1780	8
11941	T. M. B. Walsh, M. A.Fox, K. A.Kilic, G. S., Robotic-Assisted, Ultrasound-Guided Abdominal Cerclage During Pregnancy: Overcoming Minimally Invasive Surgery Limitations?. Journal of Minimally Invasive Gynecology. 2013;20(3);398-400	3
11942	H. Lepor, Does the medical evidence justify robotic assisted laparoscopic radical prostatectomy as the new gold standard for radical prostatectomy?. Urologic Oncology: Seminars and Original Investigations. 2013;31(2);137-139	8
11943	E. M. P. Haas, R., Laparoscopic and Robotic Colorectal Surgery: A Comparison and Contrast. Seminars in Colon and Rectal Surgery. 2013;24(1);19-23	8
11944	E. B. Altobelli, A. M.Falavolti, C.Sergi, F.Nguyen, H. T.Buscarini, M., Robotic-assisted laparoscopic approach in the treatment for Zinner's Syndrome associated with ipsilateral megaureter and incomplete double-crossed ectopic ureter. International Urology and Nephrology. 2013;45(3);635-638	3
11945	S. H. K. Baik, N. K.Lim, D. R.Hur, H.Min, B. S.Lee, K. Y., Oncologic outcomes and perioperative clinicopathologic results after robot-assisted tumor-specific mesorectal excision for rectal cancer. Annals of Surgical Oncology. 2013;20(8);2625-2632	3
11946	H. N. Jan, M.Ind, T., Comparison of knot tying in robotic, laparoscopic, and open surgery: Robotic knots as tight as, but more secure than, open knots. Journal of Gynecologic Surgery. 2013;29(6);287-291	7

11947	R. C. Sotelo, M.Carmona, O.De Andrade, R.Martin, O.Fernandez, G., Robotic bilateral Inguinal lymphadenectomy In penile cancer, development of a technique without robot repositioning: A case report. ecancermedicalscience. 2013;7(1) (no pagination);	5
11948	Y. W. D. Koh, U.Choi, E. C., Robot-assisted neck dissection through a modified facelift or retroauricular approach. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2013;24(2);131-138	3
11949	S. C. D. Bonawitz, U., Robotic-assisted oropharyngeal reconstruction with local flaps. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2013;24(2);115-119	8
11950	R. D. Leonardis, U.Mehta, D., Transoral robotic surgery in the pediatric patient. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2013;24(2);111-114	3
11951	C. H. W. Rassekh, G. S.Loevner, L. A.O'Malley, B. W., Transoral robotic surgery for prestyloid parapharyngeal space masses. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2013;24(2);99-105	8
11952	P. T. O. Dziegielewski, E., Transoral robotic surgery: Supraglottic laryngectomy. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2013;24(2);86-91	8
11953	J. H. S. Ahn, J. H.Jeong, J. Y., Robot-assisted thoracoscopic surgery with simple laparoscopy for diaphragm eventration. Thoracic and Cardiovascular Surgeon. 2013;61(6);499-501	3
11954	B. D.-F. Gil-Ibanez, B.Perez-Benavente, A.Puig-Puig, O.Franco-Camps, S.Centeno, C.Xercavins, J.Gil-Moreno, A., Nerve sparing technique in robotic-assisted radical hysterectomy: Results. International Journal of Medical Robotics and Computer Assisted Surgery. 2013;9(3);339-344	3
11955	R. L. Eyraud, J. A.Snow-Lisy, D.Autorino, R.Hillyer, S.Klink, J.Rizkala, E.Stein, R. J.Kaouk, J. H.Haber, G. P., Robot-assisted partial nephrectomy for hilar tumors: Perioperative outcomes. Urology. 2013;81(6);1246-1252	3
11956	G. N. B. Gupta, R.Chung, P.Linehan, W. M.Pinto, P. A.Bratslavsky, G., Robot-assisted laparoscopic partial nephrectomy for tumors greater than 4 cm and high nephrometry score: Feasibility, renal functional, and oncological outcomes with minimum 1 year follow-up. Urologic Oncology: Seminars and Original Investigations. 2013;31(1);51-56	3
11957	A. G. Perutelli, S.Gargini, A.Baldacci, C.Basile, S.Salerno, M. G., Robotic Management of Major Vessel Injury During Pelvic Lymphadenectomy. Journal of Minimally Invasive Gynecology. 2013;20(1);115-118	3
11958	Anonymous, AAGL Position Statement: Robotic-Assisted Laparoscopic Surgery in Benign Gynecology. Journal of Minimally Invasive Gynecology. 2013;20(1);44601	8
11959	J. L. Falcone, Don't touch the sides: A fun and novel system for using operation for practicing open and robotic surgical skills. American Surgeon. 2013;79(5);547-549	8
11960	J. E. J. Kilgore, A. L.Ko, E. M.Soper, J. T.Van Le, L.Gehrig, P. A.Boggess, J. F., Recurrence-free and 5-year survival following robotic-assisted surgical staging for endometrial carcinoma. Gynecologic Oncology. 2013;129(1);49-53	3
11961	N. V. P. Lumen, C.De Troyer, B.Fonteyne, V.Oosterlinck, W.Decaestecker, K.Mottrie, A., Safe introduction of robot-assisted radical prostatectomy after a training program in a high-volume robotic centre. Urologia Internationalis. 2013;91(2);145-152	12

11962	E. M. C. Suero, M.Dunbar, N. J.Branch, S. H.Conditt, M. A.Banks, S. A.Pearle, A. D., Unicompartmental knee arthroplasty: Is robotic technology more accurate than conventional technique?. Knee. 2013;20(4);268-271	7
11963	N. C. P. Buchs, F.Ris, F.Volonte, F.Morel, P.Roche, B., Early experience with robotic rectopexy. International Journal of Medical Robotics and Computer Assisted Surgery. 2013;9(4);e61-e65	5
11964	E. F. P. B. Jacobs, R.Masterson, T. A., Advances in robotic-assisted radical prostatectomy over time. Prostate Cancer. 2013;(no pagination);	8
11965	T. C. Kaneko, W. R., Current Readings: Status of Robotic Cardiac Surgery. Seminars in Thoracic and Cardiovascular Surgery. 2013;25(2);165-170	8
11966	B. R. B. Harrow, A.Olweny, E. O.Faddegon, S.Cadeddu, J. A.Gahan, J. C., Renal function after laparoendoscopic single site pyeloplasty. Journal of Urology. 2013;190(2);565-569	13
11967	Q. D. Zhan, X. X.Han, B.Liu, Q.Shen, B. Y.Peng, C. H.Li, H. W., Robotic-assisted pancreatic resection: A report of 47 cases. International Journal of Medical Robotics and Computer Assisted Surgery. 2013;9(1);44-51	3
11968	D. T. Schneiter, S.Kestenholz, P.Hillinger, S.Opitz, I.Inci, I.Weder, W., Minimally invasive resection of thymomas with the da vinci surgical system. European Journal of Cardio-thoracic Surgery. 2013;43(2);288-292	3
11969	J. H. H. Kim, Y. S.Jeong, S. J.Lee, D. H.Kim, W. J.Kim, I. Y., Impact of robot-assisted radical prostatectomy on lower urinary tract symptoms and predictive factors for symptom changes: A longitudinal study. Urology. 2013;81(4);787-793	3
11970	J. N. Midday, C. A.Goyzueta, A.Oleynikov, D., Material handling system for robotic natural orifice surgery. Journal of Medical Devices, Transactions of the ASME. 2013;7(1) (no pagination);	7
11971	D. N. K. Abbas, J. M.El Sheikh, S. M.Mahmod, A. M., Early experience in anesthesia of robot assisted cystoprostatectomy. Egyptian Journal of Anaesthesia. 2013;29(1);77-81	3
11972	T. H. Goto, K.Yako, T.Hara, Y.Okamoto, J.Toyoda, K.Fujie, M. G.Iseki, H., The concept and feasibility of EXPRT: Intelligent armrest using robotics technology. Neurosurgery. 2013;72(SUPPL. 1);A39-A42	2
11973	S. H. A. S. Naqvi, A.Naqvi, S. H. S.Sheikh, K., Robotic cardiothoracic surgery in Pakistan: A novel minimally invasive form of patient care. Journal of the Pakistan Medical Association. 2013;63(6);812	8
11974	A. L. D. C. C. Abreu, S.Berger, A. K.Leslie, S.Desai, M. M.Gill, I. S.Aron, M., Management of large median and lateral intravesical lobes during robot-assisted radical prostatectomy. Journal of Endourology. 2013;27(11);1389-1392	3
11975	K. R. R. Ghani, C. G.Sood, A.Kumar, R.Ehlert, M.Jeong, W.Ganpule, A.Bhandari, M.Desai, M.Menon, M., Robot-assisted anatrophic nephrolithotomy with renal hypothermia for managing staghorn calculi. Journal of Endourology. 2013;27(11);1393-1398	3
11976	H. D. P. Danuser, G. B.Stucki, P.Mattei, A., Extended pelvic lymphadenectomy and various radical prostatectomy techniques: Is pelvic drainage necessary?. BJU International. 2013;111(6);963-969	3
11977	B. C. Unsworth, R. P.Yadav, H.Baruah, R.Hughes, A. D.Mayet, J.Francis, D. P., Contrasting effect of different cardiothoracic operations on echocardiographic right ventricular long axis velocities, and implications for interpretation of post-operative values. International Journal of Cardiology. 2013;165(1);151-160	4

11978	C. M. C. Seow, W. J.Nelson, C. A.Nakamura, A.Farritor, S. M.Oleynikov, D., Articulated manipulator with multiple instruments for natural orifice transluminal endoscopic surgery. Journal of Medical Devices, Transactions of the ASME. 2013;7(4) (no pagination);	2
11979	R. K. Dockter, T. M., A low-cost computer vision based approach for tracking surgical robotic tools. Journal of Medical Devices, Transactions of the ASME. 2013;7(3) (no pagination);	8
11980	Y. J. L. Oh, J. R.Choi, Y. S.Koh, S. O. K.Na, S., Randomized controlled comparison of combined general and epidural anesthesia versus general anesthesia on diaphragmatic function after laparoscopic prostatectomy. Minerva Anestesiologica. 2013;79(12);1371-1380	3
11981	R. L. H. De Wilde, A., Robotic surgery-Advance or gimmick?. Best Practice and Research: Clinical Obstetrics and Gynaecology. 2013;27(3);457-469	8
11982	W. J. P. J. Beutler, W. C.Dimarco, L. A., The da vinci robotic surgical assisted anterior lumbar interbody fusion: Technical development and case report. Spine. 2013;38(4);356-363	5
11983	J. P. C. Van Batavia, P., Robotic surgery of the kidney and ureter in pediatric patients. Current Urology Reports. 2013;14(4);373-378	8
11984	J. Y. K. Park, Y. W.Ryu, K. W.Eom, B. W.Yoon, H. M.Reim, D., Emerging role of robot-assisted gastrectomy: Analysis of consecutive 200 cases. Journal of Gastric Cancer. 2013;13(4);255-262	3
11985	J. Y. K. B. Lee, D. A.Eun, D. D.Welch, W. C., Minimally invasive, robot-assisted, anterior lumbar interbody fusion: A technical note. Journal of Neurological Surgery, Part A: Central European Neurosurgery. 2013;74(4);258-261	8
11986	S. F. W. Hung, W. C.Chung, S. D., Robot-assisted nephroureterectomy for upper tract urothelial carcinoma: Initial experience. Tzu Chi Medical Journal. 2013;25(3);165-167	3
11987	F. P. Volonte, F.Buchs, N. C.Spaltenstein, J.Hagen, M.Ratib, O.Morel, P., Console-integrated stereoscopic OsiriX 3D volume-rendered images for da Vinci colorectal robotic surgery. Surgical Innovation. 2013;20(2);158-163	3
11988	C. A. B. Seideman, A.Gahan, J.Cadeddu, J. A., Robotic-assisted pyeloplasty: Recent developments in efficacy, outcomes, and new techniques. Current Urology Reports. 2013;14(1);37-40	8
11989	T. T. U. Shah, S.Adshead, J., Effect of a suspension suture in addition to a total anatomical reconstruction in robot assisted laparoscopic prostatectomy: Does it help early continence?. Journal of Clinical Urology. 2013;6(3);177-182	3
11990	A. K. Tiu, K. H.Shin, T. Y.Han, W. K.Han, S. W.Rha, K. H., Feasibility of robotic laparoendoscopic single-site partial nephrectomy for renal tumors >4 cm. European Urology. 2013;63(5);941-946	3
11991	F. B. Volonte, N. C.Pugin, F.Spaltenstein, J.Jung, M.Ratib, O.Morel, P., Stereoscopic augmented reality for da VinciiTM robotic biliary surgery. International Journal of Surgery Case Reports. 2013;4(4);365-367	3
11992	M. J. H. Ribal, J.Alcaraz, A., Oncologic outcomes obtained after laparoscopic, robotic and/or single port nephroureterectomy for upper urinary tract tumours. World Journal of Urology. 2013;31(1);93-107	5
11993	M. A. P. Liss, K.Stroup, S. P.Jabaji, R.Raheem, O. A.Kane, C. J., Outcomes and complications of pelvic lymph node dissection during robotic-assisted radical prostatectomy. World Journal of Urology. 2013;31(3);481-488	3

11994	G. S. Ploussard, L.Parier, B.Abbou, C. C.de la Taille, A., Extraperitoneal robot-assisted laparoscopic radical prostatectomy: A single-center experience beyond the learning curve. World Journal of Urology. 2013;31(3);447-453	8
11995	K. E. A.-S. Patzkowsky, S.Smorgick, N.Song, A. H.Advincula, A. P., Perioperative outcomes of robotic versus laparoscopic hysterectomy for benign disease. Journal of the Society of Laparoendoscopic Surgeons. 2013;17(1);100-106	13
11996	A. R. Z. Mayans, J. R.Parra, R. O., From open to robotic partial nephrectomy. [Spanish, English]. Archivos Espanoles de Urologia. 2013;66(1);115-121	3
11997	C. H. Cronin, M.Harley, I.O'Donoghue, K.O'Reilly, B. A., Robot-assisted laparoscopic cervical cerclage as an interval procedure. Gynecological Surgery. 2012;9(3);317-321	3
11998	L. C. Mereu, G.Khalifa, H., Robotic single port total laparoscopic hysterectomy for endometrial cancer patients. Gynecologic Oncology. 2012;127(3);644	3
11999	M. C. Frazzoni, R.Colli, G.Melotti, G., Conventional versus robot-assisted laparoscopic Nissen fundoplication: A comparison of postoperative acid reflux parameters. Surgical Endoscopy. 2012;26(6);1675-1681	12
12000	S. A.-S. Chalikonda, J. R.Walsh, R. M., Laparoscopic robotic-assisted pancreaticoduodenectomy: A case-matched comparison with open resection. Surgical Endoscopy. 2012;26(9);2397-2402	12
12001	F. W. K. Mansour, S.Urbach, D. R.Lefebvre, G., Robotically Assisted Laparoscopic Myomectomy: A Canadian Experience. Journal of Obstetrics and Gynaecology Canada. 2012;34(4);353-358	13
12002	J. T. Hartwich, S.Margaron, F.Oitcica, C.Teasley, J.Lanning, D., Robot-assisted thoracoscopic thymectomy for treating Myasthenia Gravis in children. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2012;22(9);925-929	3
12003	J. H. Teishima, M.Inoue, S.Ikeda, K.Hieda, K.Miyamoto, K.Shoji, K.Hayashi, T.Kobayashi, K.Kajiwara, M.Egi, H.Ohdan, H.Matsubara, A., Impact of laparoscopic experience on the proficiency gain of urologic surgeons in robot-assisted surgery. Journal of Endourology. 2012;26(12);1635-1638	3
12004	C. V. B. Riga, C. D.Hamady, M.Cheshire, N., Tortuous iliac systems - A significant burden to conventional cannulation in the visceral segment: Is there a role for robotic catheter technology?. Journal of Vascular and Interventional Radiology. 2012;23(10);1369-1375	3
12005	E. C. H. Y. Lai, G. P. C.Tang, C. N., Robot-assisted laparoscopic pancreaticoduodenectomy versus open pancreaticoduodenectomy - A comparative study. International Journal of Surgery. 2012;10(9);475-479	12
12006	P. G. B. Ciabatti, G.D'Ascanio, L., Single-incision robot-assisted transaxillary surgery for early-stage papillary thyroid cancer. Annals of Otology, Rhinology and Laryngology. 2012;121(12);811-815	3
12007	E. S. F. Moore, T. L.McHugh, K.Addleman, R. N.Sumners, J. E., Robotic-assisted transabdominal cerclage (RoboTAC) in the non-pregnant patient. Journal of Obstetrics and Gynaecology. 2012;32(7);643-647	3
12008	J. E. Schilling, A. M.Hassan, M.Smith, J. M., Robotic excision of atrial myxoma. Journal of Cardiac Surgery. 2012;27(4);423-426	5
12009	E. C. C. McLemore, J.Horgan, S.Talamini, M. A.Ramamoorthy, S., Robotic-assisted laparoscopic stage II restorative proctectomy for toxic ulcerative colitis. International Journal of Medical Robotics and Computer Assisted Surgery. 2012;8(2);178-183	3

12010	J. C. L. Cabot, C. R.Brunaud, L.Kleiman, D. A.Chung, W. Y.Fahey, T. J.Zarnegar, R., Robotic and endoscopic transaxillary thyroidectomies may be cost prohibitive when compared to standard cervical thyroidectomy: A cost analysis. Surgery (United States). 2012;152(6);1016-1024	4
12011	O. A. Alimoglu, I.Kilic, A.Caliskan, M., Robot-assisted laparoscopic abdominoperineal resection for low rectal cancer. International Journal of Medical Robotics and Computer Assisted Surgery. 2012;8(3);371-374	3
12012	E. N. Kandil, S.Abdel Khalek, M.Aslam, R.Ekaidi, I.Steiner, R.Holsinger, F. C., Robotic transaxillary thyroidectomy with gasless approach in a girl with goitre. International Journal of Medical Robotics and Computer Assisted Surgery. 2012;8(2);210-214	3
12013	B. L. Wehman, E. J.Mukherjee, R.Grigore, A.Griffith, B.Bonatti, J., Robotic totally endoscopic coronary artery bypass grafting for spontaneous coronary artery dissection. International Journal of Medical Robotics and Computer Assisted Surgery. 2012;8(2);166-168	3
12014	C. M. Vicini, F.Tenti, G.Canzi, P.Dallan, I.Huntley, T. C., Transoral robotic surgery: Tongue base reduction and supraglottoplasty for obstructive sleep apnea. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2012;23(1);45-47	3
12015	W. W. G. Choi, X.Lipsitz, S. R.D'Amico, A. V.Williams, S. B.Hu, J. C., The effect of minimally invasive and open radical prostatectomy surgeon volume. Urologic Oncology: Seminars and Original Investigations. 2012;30(5);569-576	3
12016	B. S. Weksler, P.Moudgill, N.Chojnacki, K. A.Rosato, E. L., Robot-assisted minimally invasive esophagectomy is equivalent to thoracoscopic minimally invasive esophagectomy. Diseases of the Esophagus. 2012;25(5);403-409	13
12017	Anonymous, Best options for prostate surgery. Traditional versus robot-assisted procedures. Harvard health letter / from Harvard Medical School. 2012;37(11);5	8
12018	U. B. Boylu, C.Turan, T.Onol, F. F.Gumus, E., Comparison of surgical and functional outcomes of minimally invasive and open pyeloplasty. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2012;22(10);968-971	2
12019	A. S. Gocmen, F.Ucar, M. G., Robot-assisted hysterectomy vs total laparoscopic hysterectomy: A comparison of short-term surgical outcomes. International Journal of Medical Robotics and Computer Assisted Surgery. 2012;8(4);453-457	13
12020	M. N. A. Acharya, H.Athanasiou, T.Casula, R., Is totally endoscopic coronary artery bypass safe, feasible and effective?. Interactive Cardiovascular and Thoracic Surgery. 2012;15(6);1040-1046	8
12021	C. M. M. Bhamidipati, I. W.Seymour, K. A.Rolland, R.Dilip, K.Gopaldas, R. R.Lutz, C. J., Robotic-assisted or minithoracotomy incision for left ventricular lead placement: A single-surgeon, single-center experience. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2012;7(3);208-212	12
12022	R. C. K. Gaba, V. L.Knuttinen, M. G.Omene, B. O.Martinez, B. K.Bui, J. T.Owens, C. A., Endovascular management of bleeding events following robotic pancreaticobiliary surgery. Diagnostic and Interventional Radiology. 2012;18(1);121-126	3
12023	P. W. Philippou, E.Rowe, E., Robot-assisted laparoscopic prostatectomy versus open: Comparison of the learning curve of a single surgeon. Journal of Endourology. 2012;26(8);1002-1008	12
12024	J. C. Y. Kim, S. S.Jang, T. Y.Kwak, J. Y.Yun, M. J.Lim, S. B., Open versus robot-assisted sphincter-saving operations in rectal cancer patients: Techniques and comparison of outcomes between groups of 100 matched patients. International Journal of Medical Robotics and Computer Assisted Surgery. 2012;8(4);468-475	12

12025	S. L. Vergez, B.Ceruse, P.Moriniere, S.Aubry, K.De Mones, E.Benlyazid, A.Mallet, Y., Initial multi-institutional experience with transoral robotic surgery. Otolaryngology - Head and Neck Surgery (United States). 2012;147(3);475-481	3
12026	S. V. Lau, Z.Ramana-Kumar, A. V.Halliday, D.Franco, E. L.Gotlieb, W. H., Outcomes and cost comparisons after introducing a robotics program for endometrial cancer surgery. Obstetrics and Gynecology. 2012;119(4);717-724	13
12027	K. H. S. Y. Yip, C. H.Ng, C. F.Lam, N. Y.Ho, K. L.Ma, W. K.Li, C. M.Hou, S. M.Tam, P. C.Yiu, M. K.Fan, C. W., Robot-assisted radical prostatectomy in Hong Kong: A review of 235 cases. Journal of Endourology. 2012;26(3);258-263	5
12028	C. T. Schizas, E.Kwiatkowski, B.Kulik, G., Pedicle screw insertion: Robotic assistance versus conventional c-arm fluoroscopy. Acta Orthopaedica Belgica. 2012;78(2);240-245	4
12029	O. A. B. Raheem, W. M.Parsons, J. K.Kane, C. J., Management of pelvic lymphoceles following robot-assisted laparoscopic radical prostatectomy. Urology Annals. 2012;4(2);111-114	3
12030	E. P. Vizza, L.Saltari, M.Sindico, S.Cimino, M.Corrado, G., Robotic radical hysterectomy after neoadjuvant chemotherapy in locally advanced cervical cancer. Minimally Invasive Therapy and Allied Technologies. 2012;21(3);206-209	3
12031	L. A. K. Katz, M.Crawford, B.Kandil, E., Robotic-assisted transaxillary parathyroidectomy of an atypical adenoma. Minimally Invasive Therapy and Allied Technologies. 2012;21(3);201-205	3
12032	R. Z. G. Abdalla, R. B.Luca, C. R.Costa, R. I.Cozer, C. O., Brazilian experience in obesity surgery robot-assisted. Arquivos brasileiros de cirurgia digestiva : ABCD = Brazilian archives of digestive surgery. 2012;25(1);33-35	3
12033	S. P. A. Hillyer, R.Spana, G.Guillotreau, J.Stein, R. J.Haber, G. P.Kaouk, J. H., Perioperative outcomes of robotic-assisted partial nephrectomy in elderly patients: A matched-cohort study. Urology. 2012;79(5);1063-1067	3
12034	H. Y. H. Yu, N. D.Lipsitz, S. R.Kowalczyk, K. J.Nguyen, P. L.Choueiri, T. K.Kibel, A. S.Hu, J. C., Comparative analysis of outcomes and costs following open radical cystectomy versus robot-assisted laparoscopic radical cystectomy: Results from the US Nationwide Inpatient Sample. European Urology. 2012;61(6);1239-1244	13
12035	M. G. Masrur, F.Raimondi, P.D'Ugo, S.Calatayud, D.Giulianotti, P. C., Robot-assisted subtotal pancreas-preserving duodenectomy. Journal of the Society of Laparoendoscopic Surgeons. 2012;16(4);654-659	3
12036	M. H. Orady, A.Nawfal, A. K.Wegienka, G., Comparison of robotic-assisted hysterectomy to other minimally invasive approaches. Journal of the Society of Laparoendoscopic Surgeons. 2012;16(4);542-548	13
12037	V. B. Packiam, D. L.Tohme, S.Reddy, S.Marsh, J. W.Geller, D. A.Tsung, A., Minimally Invasive Liver Resection: Robotic Versus Laparoscopic Left Lateral Sectionectomy. Journal of Gastrointestinal Surgery. 2012;16(12);2233-2238	12
12038	J. I. M. Gardiner, Robotic assisted radical cystectomy: Oncological safety. [Spanish, English]. Archivos Espanoles de Urologia. 2012;65(6);593-598	8
12039	K. Y. G. Tang, S. K.Gould, C.Osmundsen, B.Collins, M.Winter, Iii W. E., Robotic surgical staging for obese patients with endometrial cancer. American Journal of Obstetrics and Gynecology. 2012;206(6);e1-513	13

12040	J. W. C. Park, K. H.Yang, S. C.Han, W. K., Cost aspects of radical nephrectomy for the treatment of renal cell carcinoma in Korea: Open, laparoscopic, robot-assisted laparoscopic, and video-assisted minilaparotomy surgeries. Korean Journal of Urology. 2012;53(8);519-523	4
12041	C. P. Vasilescu, L., Robotic surgery of locally advanced gastric cancer: a single-surgeon experience of 41 cases. Chirurgia (Bucharest, Romania : 1990). 2012;107(4);510-517	3
12042	N. Y. F. Siddiqui, R. G.Kuchibhatla, M.Wu, J. M., Sexual function after vaginal versus nonvaginal prolapse surgery. Female pelvic medicine & reconstructive surgery. 2012;18(4);239-242	2
12043	H. I. Moriyama, N.Kawaguchi, M.Hirose, K.Watanabe, G., Robot-assisted laparoscopic resection for gastric gastrointestinal stromal tumor. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2012;22(3);e155-e156	3
12044	E. L.-F. Bolufer, G.Castillo, O. A., Robot assisted partial nephrectomy (Da Vinci) in an angiomyolipoma associated to Wunderlich Syndrome. [Spanish, English]. Archivos Espanoles de Urologia. 2012;65(9);831-834	3
12045	V. L. Zugor, A. P.Bauer, R. M.Witt, J. H., Surgical and oncological outcomes in patients with a preoperative PSA value <4 ng/ml undergoing robot-assisted radical prostatectomy. Anticancer Research. 2012;32(5);2079-2084	3
12046	C. Hottenrott, Laparoscopic and robotic-assisted D2 surgery for gastric cancer: A reality in Europe?. Surgical Endoscopy. 2011;25(7);2414-2416	8
12047	J. B. Sutherland, N.Morphew, J.Johnson, E.Dunn, D., Postoperative incidence of incarcerated hiatal hernia and its prevention after robotic transhiatal esophagectomy. Surgical Endoscopy. 2011;25(5);1526-1530	3
12048	P. K. D. Edelson, K. R.Sonnad, S. S.Shafi, B. M.Williams, N. N., Robotic vs. conventional laparoscopic gastric banding: A comparison of 407 cases. Surgical Endoscopy. 2011;25(5);1402-1408	12
12049	C. M. K. Kang, D. H.Lee, W. J.Chi, H. S., Initial experiences using robot-assisted central pancreatectomy with pancreaticogastrostomy: A potential way to advanced laparoscopic pancreatectomy. Surgical Endoscopy. 2011;25(4);1101-1106	12
12050	I. Singh, Robotics in urological surgery: review of current status and maneuverability, and comparison of robot-assisted and traditional laparoscopy. Computer aided surgery : official journal of the International Society for Computer Aided Surgery. 2011;16(1);38-45	8
12051	R. R. P. Walvekar, G.Hardy, E.Alsfeld, L.Stromeyer, F. W.Anderson, D.DiLeo, M., Robotic-assisted transoral removal of a bilateral floor of mouth ranulas. World Journal of Surgical Oncology. 2011;9 (no pagination);	8
12052	T. M. A. Yalcinkaya, M. E.Kammire, L. D.Johnston-Macananny, E. B.Mertz, H. L., Robotic-assisted laparoscopic repair of symptomatic cesarean scar defect. Journal of Reproductive Medicine for the Obstetrician and Gynecologist. 2011;56(3);265-270	3
12053	J. C. H. O. Wu, Y. C.Wu, H. S.Cheng, C. L.Yang, C. R.Lin, M. S., Inguinal hernias in robotic-assisted laparoscopic radical prostatectomy: A surgeon's experience. Formosan Journal of Surgery. 2011;44(4);141-145	3
12054	Z. R. S. Brenner, M.Macey, B. A.Krenzer, M., Postoperative care for the robotic surgery bowel resection patient. Gastroenterology nursing : the official journal of the Society of Gastroenterology Nurses and Associates. 2011;34(4);271-275	3

12055	G. M. J. Jonsdottir, S.Cohen, S. L.Wright, K. N.Shah, N. T.Chavan, N.Einarsson, J. I., Increasing minimally invasive hysterectomy: Effect on cost and complications. Obstetrics and Gynecology. 2011;117(5);1142-1149	3
12056	S. C. R. A. Chang-Jackson, U. C.Nezhat, F. R., Robotic-assisted laparoscopic repair of a vesicouterine fistula. Journal of the Society of Laparoendoscopic Surgeons. 2011;15(3);339-342	3
12057	K. A. H. Richards, A. K., Current status and outcomes of robot-assisted laparoscopic radical cystectomy and urinary diversion. Current Urology Reports. 2011;12(2);107-114	8
12058	A. A. Hurtuk, A.Old, M.Teknos, T. N.Ozer, E., Outcomes of transoral robotic surgery: A preliminary clinical experience. Otolaryngology - Head and Neck Surgery. 2011;145(2);248-253	3
12059	G. A. Veronesi, B. G.Melfi, F.Maisonneuve, P.Bertolotti, R.Bianchi, P. P.Rocco, B.Borri, A.Gasparri, R.Spaggiari, L., Experience with robotic lobectomy for lung cancer. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2011;6(6);355-360	5
12060	E. S. G. J. Garfein, P. J.Easterlin, B.Schiff, B.Smith, R. V., Transoral robotic reconstructive surgery reconstruction of a tongue base defect with a radial forearm flap. Plastic and reconstructive surgery. 2011;127(6);2352-2354	5
12061	M. S. K. Yang, K. N.Yoon, D. H.Pennant, W.Ha, Y., Robot-assisted resection of paraspinal schwannoma. Journal of Korean Medical Science. 2011;26(1);150-153	3
12062	E. E. B. Barakat, M. A.Zimberg, S.Nutter, B.Nosseir, M.Falcone, T., Robotic-assisted, laparoscopic, and abdominal myomectomy: A comparison of surgical outcomes. Obstetrics and Gynecology. 2011;117(2 PART 1);256-265	13
12063	K. K. M. Ramavath, P. P. S., Robotic sacrocolpopexy: An observational experience at mayoclinic, USA. Journal of Gynecological Endoscopy and Surgery. 2011;2(1);53-57	3
12064	C. D. P. Lallas, M. L.Thumar, A. B.Chandrasekar, T.Lee, F. C.McCue, P.Gomella, L. G.Trabulsi, E. J., Comparison of lymph node yield in robot-assisted laparoscopic prostatectomy with that in open radical retropubic prostatectomy. BJU International. 2011;107(7);1136-1140	12
12065	R. P. O. Smith, J. L.Peters, C. A., Pediatric robotic extravesical ureteral reimplantation: Comparison with open surgery. Journal of Urology. 2011;185(5);1876-1881	12
12066	E. C. H. T. Lai, C. N.Yang, G. P. C.Li, M. K. W., Multimodality laparoscopic liver resection for hepatic malignancy - From conventional total laparoscopic approach to robot-assisted laparoscopic approach. International Journal of Surgery. 2011;9(4);324-328	12
12067	P. N. S. Dogra, A. K.Singh, P., Robotic-assisted inguinal lymph node dissection: A preliminary report. Indian Journal of Urology. 2011;27(3);424-427	3
12068	A. H. N. Zureikat, K. T.Bartlett, D. L.Zeh, H. J.Moser, A. J., Robotic-assisted major pancreatic resection and reconstruction. Archives of Surgery. 2011;146(3);256-261	3
12069	J. H. J. Ku, C. W.Park, Y. H.Cho, M. C.Kwak, C.Kim, H. H., Nerve-sparing procedure in radical prostatectomy: A risk factor for hernia repair following open retropubic, pure laparoscopic and robot-assisted laparoscopic procedures. Scandinavian Journal of Urology and Nephrology. 2011;45(3);164-170	2
12070	M. K. Anderberg, C. C.Arnbjornsson, E., Paediatric computer-assisted retroperitoneoscopic nephrectomy compared with open surgery. Pediatric Surgery International. 2011;27(7);761-767	2

12071	R. K. A. Freeman, A. J.Van Woerkom, J. M.Vyverberg, A.Robison, R. J., Long-term follow-up after robotic thymectomy for nonthymomatous myasthenia gravis. Annals of Thoracic Surgery. 2011;92(3);1018-1023	3
12072	C. B. M. V. D. E. Kruijdenberg, L. C. G.Hendriks, J. C. M.Zusterzeel, P. L. M.Bekkers, R. L. M., Robot-assisted versus total laparoscopic radical hysterectomy in early cervical cancer, a review. Gynecologic Oncology. 2011;120(3);334-339	5
12073	E. S. Berber, A., Robotic transaxillary total thyroidectomy using a unilateral approach. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2011;21(3);207-210	3
12074	J. R. Caso, A.Rich, M.Swana, H., Bilateral obstructing fibroepithelial polyps in a child: Robot-assisted management. Current Urology. 2011;5(2);103-105	3
12075	J. S. L. Gammie, E. J.Griffith, B. P.Dawood, M. Y.Bonatti, J., Robotic-assisted aortic valve bypass (Apicoaortic Conduit) for aortic stenosis. Annals of Thoracic Surgery. 2011;92(2);726-728	3
12076	A. U. Horiguchi, I.Miyakawa, S., Robot-assisted laparoscopic pancreaticoduodenectomy. Journal of Hepato-Biliary-Pancreatic Sciences. 2011;18(2);287-291	3
12077	M. K. Y. W. Hsin, I. Y. P., Robotic thymectomy: The Hong Kong experience. Thoracic Cancer. 2011;2(3);84-89	3
12078	R. F. Gelmini, C.Spaziani, A.Patriti, A.Casciola, L.Saviano, M., Laparoscopic splenectomy: Conventional versus robotic approach-a comparative study. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2011;21(5);393-398	12
12079	J. G. L. Song, E. H.Choi, D. K.Chin, J. H.Choi, I. C., Differences between arterial and expired pump carbon dioxide during robotic cardiac surgery. Journal of Cardiothoracic and Vascular Anesthesia. 2011;25(1);85-89	3
12080	I. Z. Zapardiel, V.Magrina, J. F.Magtibay, P. M., Robotic radical parametrectomy in cervical cancer. Gynecologic and Obstetric Investigation. 2011;72(3);179-182	3
12081	M. N. A. Jonsson, L. C.Hosseini, A.Schumacher, M. C.Volz, D.Nilsson, A.Carlsson, S.Wiklund, N. P., Robot-assisted radical cystectomy with intracorporeal urinary diversion in patients with transitional cell carcinoma of the bladder. European Urology. 2011;60(5);1066-1073	3
12082	A. Andren-Sandberg, Complications of pancreatic surgery. North American Journal of Medical Sciences. 2011;3(12);531-535	8
12083	E. J. v. W. Lehr, F. S.Haque, R.Bonatti, J., Robotic total endoscopic coronary artery bypass hybrid revascularization procedure in a patient with a preoperative tracheostoma. Interactive Cardiovascular and Thoracic Surgery. 2011;12(5);878-880	3
12084	D. K. Sarlos, L. A., Robotic versus laparoscopic hysterectomy: A review of recent comparative studies. Current Opinion in Obstetrics and Gynecology. 2011;23(4);283-288	5
12085	O. C. Y. T. Chan, C. N.Lai, E. C. H.Yang, G. P. C.Li, M. K. W., Robotic hepatobiliary and pancreatic surgery: A cohort study. Journal of Hepato-Biliary-Pancreatic Sciences. 2011;18(4);471-480	3
12086	M. A. A. White, R.Spana, G.Laydner, H.Hillyer, S. P.Khanna, R.Yang, B.Altunrende, F.Isac, W.Stein, R. J.Haber, G. P.Kaouk, J. H., Robotic laparoendoscopic single-site radical nephrectomy: Surgical technique and comparative outcomes. European Urology. 2011;59(5);815-822	3
12087	R. R. T. Walvekar, P. D.Tammareddi, N.Peters, G., Robotic-assisted transoral removal of a submandibular megalith. Laryngoscope. 2011;121(3);534-537	3
12088	E. N. Marzano, D.Addeo, P.Oussoultzoglou, E.Jaeck, D.Pessaux, P., Robotic resection of duodenal adenoma. International Journal of Medical Robotics and Computer Assisted Surgery. 2011;7(1);66-70	3

12089	J. F. Z. Magrina, V.Noble, B. N.Kho, R. M.Magtibay, P., Robotic approach for ovarian cancer: Perioperative and survival results and comparison with laparoscopy and laparotomy. Gynecologic Oncology. 2011;121(1);100-105	13
12090	M. E. C. Akar, A. J.Jennell, J. L.Yalcinkaya, T. M., Robotic-assisted laparoscopic ovarian tissue transplantation. Fertility and Sterility. 2011;95(3);e5-1120	3
12091	C. S. Rogers, S.Gill, I. S., Robotic partial nephrectomy: The real benefit. Current Opinion in Urology. 2011;21(1);60-64	8
12092	R. M. Kho, Comparison of robotic-assisted laparoscopy versus conventional laparoscopy on skill acquisition and performance. Clinical Obstetrics and Gynecology. 2011;54(3);376-381	4
12093	M. R. O. Dylewski, A. C.Pereira, J. F., Pulmonary Resection Using a Total Endoscopic Robotic Video-Assisted Approach. Seminars in Thoracic and Cardiovascular Surgery. 2011;23(1);36-42	8
12094	R. P. Pedraza, C. B.Ramos-Valadez, D. I.Haas, E. M., Robotic-assisted laparoscopic surgery for restorative proctocolectomy with ileal J pouch-anal anastomosis. Minimally Invasive Therapy and Allied Technologies. 2011;20(4);234-239	3
12095	J. S. Bonatti, T.Bonaros, N.Lehr, E. J.Zimrin, D.Griffith, B., Robotically assisted totally endoscopic coronary bypass surgery. Circulation. 2011;124(2);236-244	8
12096	J. S. Boone, M. E. I.Moojen, W. A.Borel Rinkes, I. H. M.Cromheecke, G. J. E.Van Hillegersberg, R., Robot-assisted thoracoscopic oesophagectomy for cancer. British Journal of Surgery. 2009;96(8);878-886	3
12097	M. V. Fastrez, J.George, P.Rozenberg, S.Degueldre, M., Robot assisted laparoscopic transperitoneal para-aortic lymphadenectomy in the management of advanced cervical carcinoma. European Journal of Obstetrics and Gynecology and Reproductive Biology. 2009;147(2);226-229	3
12098	R. M. Pugliese, D.Sansonna, F.Costanzi, A.Ferrari, G. C.Di Lernia, S.Magistro, C.De Martini, P.Pugliese, F., Subtotal gastrectomy with D2 dissection by minimally invasive surgery for distal adenocarcinoma of the stomach: Results and 5-year survival. Surgical Endoscopy. 2010;24(10);2594-2602	3
12099	M. D. J. Sorensen, M. H.Delostrinos, C.Bice, J. B.Grady, R. W.Lendvay, T. S., Initiation of a pediatric robotic surgery program: Institutional challenges and realistic outcomes. Surgical Endoscopy. 2010;24(11);2803-2808	12
12100	I. A. A.-A. Al-Badawi, M.Tulandi, T., Robotic-assisted salpingostomy for ectopic pregnancy. Journal of Obstetrics and Gynaecology Canada. 2010;32(7);628	8
12101	D. S. Stoyanov, M. V.Pratt, P.Yang, G. Z., Real-time stereo reconstruction in robotically assisted minimally invasive surgery. Medical image computing and computer-assisted intervention : MICCAI ... 2010;International Conference on Medical Image Computing and Computer-Assisted Intervention. 13(Pt 1);275-282	3
12102	B. M. Rocco, D. V.Melegari, S.Ospina, J. C.Mazzoleni, F.Errico, G.Mastropasqua, M.Santoro, L.Detti, S.De Cobelli, O., Robotic vs open prostatectomy in a laparoscopically naive centre: A matched-pair analysis. BJU International. 2009;104(7);991-995	12
12103	P. Casale, Robotic pediatric urology. Current Urology Reports. 2009;10(2);115-118	3
12104	M. O. W. Schimpf, J. R., Robotic-assisted laparoscopic ureterocalicostomy with long-term follow-up. Journal of Endourology. 2009;23(2);293-295	3
12105	S. K. Pandalai, D. O.Neary, P., Robotic assisted laparoscopic colectomy. Irish Medical Journal. 2010;103;	3
12106	S. K. L. Williams, R. J., Expanding the horizons: Robot-assisted reconstructive surgery of the distal ureter. Journal of Endourology. 2009;23(3);457-461	3
12107	S. D. K. Cooray, J. K.Smith, J. A.Almeida, A. A., A cost-analysis study of robotic versus conventional mitral valve repair. Heart Lung and Circulation. 2010;19(7);413-418	13

12108	A. R. G. Shashoua, D.Locher, S. R., Robotic-assisted total laparoscopic hysterectomy versus conventional total laparoscopic hysterectomy. Journal of the Society of Laparoendoscopic Surgeons. 2009;13(3);364-369	13
12109	N. Warde, Surgery: Robot-assisted partial nephrectomy for large renal tumors. Nature Reviews Urology. 2010;7(3);120	8
12110	P. D. M. Uvin, J. M.Van Holderbeke, G., A comparison of the peri-operative data after open radical retropubic prostatectomy or robotic-assisted laparoscopic prostatectomy. Acta Chirurgica Belgica. 2010;110(3);313-316	12
12111	V. S. Tomulescu, O.Balescu, I.Vasile, S.Tudor, S.Gheorghe, C.Vasilescu, C.Popescu, I., First year experience of robotic-assisted laparoscopic surgery with 153 cases in a general surgery department: indications, technique and results. Chirurgia (Bucharest, Romania : 1990). 2009;104(2);141-150	3
12112	R. M. Y. Moskowitz, J. L.Box, G. N.Pare, L. S.Clayman, R. V., Retroperitoneal transdiaphragmatic robotic-assisted laparoscopic resection of a left thoracolumbar neurofibroma. JSLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons. 2009;13(1);64-68	3
12113	M. O. W. Schimpf, J. R., Robot-assisted laparoscopic distal ureteral surgery. JSLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons. 2009;13(1);44-49	3
12114	R. B. Watts, M.Beale, E.Crowe, H.Costello, A. J., Patient outcomes in the acute recovery phase following robotic-assisted prostate surgery: A prospective study. International Journal of Nursing Studies. 2009;46(4);442-449	2
12115	B. A. R. Boudreaux, E. L.Magnuson, J. S.Newman, J. R.Desmond, R. A.Clemons, L.Carroll, W. R., Robot-assisted surgery for upper aerodigestive tract neoplasms. Archives of Otolaryngology - Head and Neck Surgery. 2009;135(4);397-401	3
12116	P. E. C. Spiess, J. J., Robotic assisted laparoscopic partial cystectomy and urachal resection for urachal adenocarcinoma. International braz j urol : official journal of the Brazilian Society of Urology. 2009;35(5);609	3
12117	B. N. D. Breyer, C. B.Cowan, J. E.Kane, C. J.Carroll, P. R., Incidence of bladder neck contracture after robot-assisted laparoscopic and open radical prostatectomy. BJU International. 2010;106(11);1734-1738	12
12118	M. R.-V. Ragupathi, D. I.Pedraza, R.Haas, E. M., Robotic-assisted single-incision laparoscopic partial cecectomy. International Journal of Medical Robotics and Computer Assisted Surgery. 2010;6(3);362-367	3
12119	M. E. W. Hagen, O. J.Inan, I.Morel, P.Fasel, J.Jacobsen, G.Spivack, A.Thompson, K.Wong, B.Fischer, L.Talamini, M.Horgan, S., Robotic single-incision transabdominal and transvaginal surgery: Initial experience with intersecting robotic arms. International Journal of Medical Robotics and Computer Assisted Surgery. 2010;6(3);251-255	7
12120	C. M. M. Bhamidipati, G. S.Sarwar, M. F.Sooppan, R.Dilip, K. A.Lutz, C. J., Robot-assisted mitral valve repair: A single institution review. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2010;5(4);295-299	5
12121	C. Y. Gao, M.Wang, G.Wang, J.Xiao, C.Zhao, Y., Totally endoscopic robotic ventricular septal defect repair. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2010;5(4);278-280	3
12122	T. A. D. Folliguet, A.Philippe, F.Larrazet, F.Slama, M. S.Laborde, F., Robotically-assisted coronary artery bypass grafting. Cardiology Research and Practice. 2010;1(1) (no pagination);	3

12123	D. P. K. Devito, L.Dietl, R.Pfeiffer, M.Horne, D.Silberstein, B.Hardenbrook, M.Kiriyanthan, G.Barzilay, Y.Bruskin, A.Sackerer, D.Alexandrovsky, V.Stuer, C.Burger, R.Maeurer, J.Gordon, D. G.Schoenmayr, R.Friedlander, A.Knoller, N.Schmieder, K.Pechlivanis, I.Kim, I. S.Meyer, B.Shoham, M., Clinical acceptance and accuracy assessment of spinal implants guided with spineassist surgical robot: Retrospective study. Spine. 2010;35(24);2109-2115	2
12124	M. D. Ninan, M. R., Total port-access robot-assisted pulmonary lobectomy without utility thoracotomy. European Journal of Cardio-thoracic Surgery. 2010;38(2);231-232	3
12125	S. J. L. Youssef, B. E.Farivar, A. S.Blitz, M.Aye, R. W.Vallieres, E., Comparison of open and minimally invasive thymectomies at a single institution. American Journal of Surgery. 2010;199(5);589-593	2
12126	P. C. S. Giulianotti, F.Bianco, F. M.Addeo, P., Robot-assisted laparoscopic extended right hepatectomy with biliary reconstruction. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2010;20(2);159-163	3
12127	P. C. S. Giulianotti, F.Bianco, F. M.Addeo, P.Caravaglios, G., Robot-assisted laparoscopic middle pancreatectomy. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2010;20(2);135-139	3
12128	M. K. Lewis, S.Veeraswamy, A.Saadat, L.Hajhosseini, B.Nezhat, C., Robotic versus standard laparoscopy for the treatment of endometriosis. Fertility and Sterility. 2010;94(7);2758-2760	13
12129	C. L. Nezhat, O.Hsu, S.Watson, J.Barnett, O.Lemyre, M., Robotic-assisted laparoscopic myomectomy compared with standard laparoscopic myomectomy-a retrospective matched control study. Fertility and Sterility. 2009;91(2);556-559	13
12130	B. J. M. Slater, J. J., Robotic repair of congenital diaphragmatic anomalies. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2009;19(SUPPL. 1);S123-S127	3
12131	D. A. H. Deugarte, R. B.Geiger, J. D., Robotic repair of congenital paraesophageal hiatal hernia. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2009;19(SUPPL. 1);S187-S189	3
12132	W. S. P. Ham, S. Y.Rha, K. H.Kim, W. T.Choi, Y. D., Robotic radical prostatectomy for patients with locally advanced prostate cancer is feasible: Results of a single-institution study. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2009;19(3);329-332	3
12133	F. M. Al-Mufarrej, M.Tempesta, B.Strother, E.Gharagozloo, F., Robot-assisted thoracoscopic resection of intralobar sequestration. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2009;19(3);389-391	3
12134	K. C. Ponnusamy, S.Mohr, C., Robotic approaches to the posterior spine. Spine. 2009;34(19);2104-2109	7
12135	D. R. S. Webb, K.Gee, K., An analysis of the causes of bladder neck contracture after open and robot-assisted laparoscopic radical prostatectomy. BJU International. 2009;103(7);957-963	12
12136	M. P. J. Lowe, P. R.Kamelle, S. A.Kumar, S.Chamberlain, D. H.Tillmanns, T. D., A multiinstitutional experience with robotic-assisted hysterectomy with staging for endometrial cancer. Obstetrics and Gynecology. 2009;114(2 PART 1);236-243	3
12137	J. S. Hidalgo-Tamola, M. D.Bice, J. B.Lendvay, T. S., Pediatric robot-assisted laparoscopic varicocelectomy. Journal of Endourology. 2009;23(8);1297-1300	12
12138	M. D. Kupferman, F.Holsinger, F. C.Hanna, E., Transantral robotic access to the pituitary gland. Otolaryngology - Head and Neck Surgery. 2009;141(3);413-415	7

12139	M. A. C. M. MacHado, F. F.Surjan, R. C.Abdalla, R. Z., Robotic resection of intraductal neoplasm of the pancreas. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2009;19(6);771-775	3
12140	L. G. C. Seamon, D. E.Henretta, M. S.Kim, K. H.Carlson, M. J.Phillips, G. S.Fowler, J. M., Minimally invasive comprehensive surgical staging for endometrial cancer: Robotics or laparoscopy?. Gynecologic Oncology. 2009;113(1);36-41	13
12141	G. X. Ploussard, E.Paul, A.Gillion, N.Salomon, L.Allory, Y.Vordos, D.Hoznek, A.Yiou, R.Abbou, C. C.De La Taille, A., Is robot assistance affecting operating room time compared with pure retroperitoneal laparoscopic radical prostatectomy?. Journal of Endourology. 2009;23(6);939-943	12
12142	A. M. Maggioni, L.Zanagnolo, V.Peiretti, M.Sanguineti, F.Bocciolone, L.Colombo, N.Landoni, F.Roviglione, G.Velez, J. I., Robotic approach for cervical cancer: Comparison with laparotomy. A case control study. Gynecologic Oncology. 2009;115(1);60-64	13
12143	H. F. B. Wykypiel, J.Augustin, F.Renz, O.Hoeller, E.Schmid, T., Robot-assisted laparoscopic cardiomyotomy. Wiener Klinische Wochenschrift. 2009;121(21-22);707-714	3
12144	R. S. W. Pruthi, E. M., Robotic-assisted laparoscopic pelvic lymphadenectomy for bladder cancer: A surgical atlas. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2009;19(1);71-74	3
12145	V. F. Fiscon, F.Migliorini, G.Portale, G.Lazzarini, E., Laparoscopic colon resection by a single general surgeon in a community hospital: A review of 200 consecutive cases. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2009;19(1);13-17	5
12146	C. K. K. Seong, T.Park, H., Experience with laparoscopic pyeloplasty, including robot-assisted laparoscopic surgery, for ureteropelvic junction obstruction. [Korean]. Korean Journal of Urology. 2009;50(10);996-1002	5
12147	G. P. Ceccarelli, A.Biancafarina, A.Spaziani, A.Bartoli, A.Bellochi, R.Casciola, L., Intraoperative and postoperative outcome of robot-assisted and traditional laparoscopic nissen fundoplication. European Surgical Research. 2009;43(2);198-203	12
12148	R. L. Estape, N.Diaz, R.Estape, E.Dunkin, N.Rivera, A., A case matched analysis of robotic radical hysterectomy with lymphadenectomy compared with laparoscopy and laparotomy. Gynecologic Oncology. 2009;113(3);357-361	13
12149	J. R. Persson, P.Borgfeldt, C.Kannisto, P.Lindahl, B.Bossmar, T., Robot assisted laparoscopic radical hysterectomy and pelvic lymphadenectomy with short and long term morbidity data. Gynecologic Oncology. 2009;113(2);185-190	3
12150	J. H. G. Kaouk, R. K.Haber, G. P.Crouzet, S.Stein, R. J., Robotic single-port transumbilical surgery in humans: Initial report. BJU International. 2009;103(3);366-369	3
12151	A. J. A. Fechner, M.Smith, D. H.Al-Khan, A., Robotic-assisted laparoscopic cerclage in a pregnant patient. American Journal of Obstetrics and Gynecology. 2009;200(2);e10-e11	3
12152	A. J. B. Wang, S. B., Robotic Partial Nephrectomy Versus Laparoscopic Partial Nephrectomy for Renal Cell Carcinoma: Single-Surgeon Analysis of >100 Consecutive Procedures. Urology. 2009;73(2);306-310	13
12153	C. K. S. Seung, G. K.Choi, H.Young, H. K.Jeong, G. L.Je, J. K.Seok, H. K.Cheon, J., The feasibility of robot-assisted laparoscopic radical cystectomy with pelvic lymphadenectomy: From the viewpoint of extended pelvic lymphadenectomy. Korean Journal of Urology. 2009;50(9);870-878	5

12154	L. A. R. Brunsting, J. S.Braly, K. C.Binford, R. S., Robotic artificial chordal replacement for repair of mitral valve prolapse. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2009;4(4);229-232	3
12155	J. F. E. Magrina, M.Munoz, R.Noble, B. N.Kho, R. M. C., Robotic adnexectomy compared with laparoscopy for adnexal mass. Obstetrics and Gynecology. 2009;114(3);581-584	13
12156	J. H. M. Baek, S.Pigazzi, A., Complications of Robotic Total Mesorectal Excision. Seminars in Colon and Rectal Surgery. 2009;20(4);190-194	8
12157	R. C. G. D'Alonzo, T. J.Moul, J. W.Albala, D. M.Polascik, T. J.Robertson, C. N.Sun, L.Dahm, P.Habib, A. S., A retrospective comparison of anesthetic management of robot-assisted laparoscopic radical prostatectomy versus radical retropubic prostatectomy. Journal of Clinical Anesthesia. 2009;21(5);322-328	12
12158	C. E. M. Bedient, J. F.Noble, B. N.Kho, R. M., Comparison of robotic and laparoscopic myomectomy. American Journal of Obstetrics and Gynecology. 2009;201(6);e1-566	13
12159	M. Z. Peiretti, V.Bocciolone, L.Landoni, F.Colombo, N.Minig, L.Sanguineti, F.Maggioni, A., Robotic Surgery: Changing the Surgical Approach for Endometrial Cancer in a Referral Cancer Center. Journal of Minimally Invasive Gynecology. 2009;16(4);427-431	3
12160	D. E. S. Cohn, L. G.Bryant, S. A.Rheaume, P. S.Kimball, K. J.Huh, W. K.Fowler, J. M.Phillips, G. S., Comprehensive surgical staging for endometrial cancer in obese patients. Obstetrics and Gynecology. 2009;114(1);16-21	13
12161	A. J. C. Vanni, M. S.Stoffel, J. T., Robotic-assisted Ileovesicostomy: Initial Results. Urology. 2009;74(4);814-818	3
12162	Y. I. Hirano, N.Watanabe, G., Robotic right gastroepiploic artery harvesting. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2009;4(6);331-333	7
12163	W. C. T. Jae, H. K.Gyung, T. S., Laparoscopic radical prostatectomy versus robot-assisted laparoscopic radical prostatectomy: A single surgeon's experience. [Korean]. Korean Journal of Urology. 2009;50(12);1198-1202	12
12164	J. H. Fanning, R.Johnson, J.Fenton, B., Robotic radical hysterectomy. Minerva Ginecologica. 2009;61(1);53-55	8
12165	B. E. Fischer, N.Fehr, J. L.John, H., Complications of robotic assisted radical prostatectomy. World Journal of Urology. 2008;26(6);595-602	8
12166	N. L. Halin, P.Aarnio, P., Experiences of using the EndoAssist-robot in surgery. Studies in health technology and informatics. 2007;125;161-163	3
12167	E. J. L. Trabulsi, R. A.Gomella, L. G.McGinnis, D. E.Strup, S. E.Lallas, C. D., The addition of robotic surgery to an established laparoscopic radical prostatectomy program: effect on positive surgical margins. The Canadian journal of urology. 2008;15(2);3994-3999	3
12168	J. F. F. Kalisvaart, D. S.Ornstein, D. K., Robotic-assisted repair of iatrogenic ureteral ligation following robotic-assisted hysterectomy. JSLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons. 2008;12(4);414-416	3
12169	J. G. Rehman, K.Chughtai, B.Shabsigh, R.Samadi, D., Robotic radical prostatectomy in patients with preexisting inflatable penile prosthesis (IPP). The Canadian journal of urology. 2008;15(5);4263-4265	3
12170	J. C. I. Ruckert, M.Swierzy, M.Braumann, C.Badakhshi, H.Rogalla, P.Meisel, A.Ruckert, R. I.Muller, J. M., Minimally invasive thymus surgery. [German, English]. Chirurg. 2008;79(1);18-25	8

12171	S. O. Andonia, Z.Okeke, D. A.Rastinehad, A.Vanderbrink, B. A.Richstone, L.Lee, B. R., Device failures associated with patient injuries during robot-assisted laparoscopic surgeries: a comprehensive review of FDA MAUDE database. The Canadian journal of urology. 2008;15(1);3912-3916	5
12172	W. J. D. Badger, E. J.Kaufman Jr, R. P., Robotically assisted excision of ovarian vein for intermittent ureteral obstruction. JSLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons. 2008;12(2);166-168	3
12173	A. L. L. Trejos, A. W.Pytel, M. P.Patel, R. V.Malthaner, R. A., Robot-assisted minimally invasive lung brachytherapy. International Journal of Medical Robotics and Computer Assisted Surgery. 2007;3(1);41-51	3
12174	C. C. Passerotti, M.Gargollo, P.Diamond, D. A.Borer, J. G.Cilento, B.Bauers, S.Retik, A. B.Peters, C. A.Nguyen, H. T., Minimally invasive surgical approaches to retrovesical structures. International Journal of Medical Robotics and Computer Assisted Surgery. 2007;3(4);307-311	3
12175	E. C. J. Rodriguez, W. R., Minimally invasive, robotic cardiac surgery. The Annals of thoracic surgery. 2008;85(1);357-358	8
12176	S. C. S. Desai, C. K.Jang, D. W.Genden, E. M., Transoral robotic surgery using a carbon dioxide flexible laser for tumors of the upper aerodigestive tract. Laryngoscope. 2008;118(12);2187-2189	3
12177	J. K. Persson, P.Bossmar, T., Robot-assisted abdominal laparoscopic radical trachelectomy. Gynecologic Oncology. 2008;111(3);564-567	3
12178	N. N. M. Patil, A.Sundaram, B.Patel, V. R., Robotic-Assisted Laparoscopic Ureteral Reimplantation with Psoas Hitch: A Multi-institutional, Multinational Evaluation. Urology. 2008;72(1);47-50	3
12179	S. H. K. Baik, Y. T.Kang, C. M.Lee, W. J.Kim, N. K.Sohn, S. K.Chi, H. S.Cho, C. H., Robotic tumor-specific mesorectal excison of rectal cancer: Short-term outcome of a pilot randomized trial. Surgical Endoscopy and Other Interventional Techniques. 2008;22(7);1601-1608	12
12180	S. P. S. Dharia Patel, M. P.Whitten, S. J.Malizia, B. A., Robotic tubal anastomosis: surgical technique and cost effectiveness. Fertility and Sterility. 2008;90(4);1175-1179	12
12181	J. F. G. Boggess, P. A.Cantrell, L.Shafer, A.Ridgway, M.Skinner, E. N.Fowler, W. C., A comparative study of 3 surgical methods for hysterectomy with staging for endometrial cancer: robotic assistance, laparoscopy, laparotomy. American Journal of Obstetrics and Gynecology. 2008;199(4);e1-360	13
12182	J. F. G. Boggess, P. A.Cantrell, L.Shafer, A.Ridgway, M.Skinner, E. N.Fowler, W. C., A case-control study of robot-assisted type III radical hysterectomy with pelvic lymph node dissection compared with open radical hysterectomy. American Journal of Obstetrics and Gynecology. 2008;199(4);e1-357	13
12183	G. L. Miyano, T. E.Wright, S. K., Bilateral transaxillary endoscopic total thyroidectomy. Journal of Pediatric Surgery. 2008;43(2);299-303	3
12184	M. P. Hellan, A., Robotic-assisted placement of a hepatic artery infusion catheter for regional chemotherapy. Surgical Endoscopy and Other Interventional Techniques. 2008;22(2);548-551	3
12185	A. G. Obermair, V.Frumovitz, M.Soliman, P. T.Schmeler, K. M.Levenback, C.Ramirez, P. T., A Phase III Randomized Clinical Trial Comparing Laparoscopic or Robotic Radical Hysterectomy with Abdominal Radical Hysterectomy in Patients with Early Stage Cervical Cancer. Journal of Minimally Invasive Gynecology. 2008;15(5);584-588	2
12186	W. R. R. Chitwood Jr, E.Chu, M. W. A.Hassan, A.Ferguson, T. B.Vos, P. W.Nifong, L. W., Robotic mitral valve repairs in 300 patients: A single-center experience. Journal of Thoracic and Cardiovascular Surgery. 2008;136(2);436-441	3

12187	D. J. A. Terris, S. H., Robotic and endoscopic surgery in the neck. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2008;19(1);36-41	8
12188	J. D. Boone, W. A.Schipper, M. E. I.Broeders, I. A. M. J.Rinkes, I. H. M. B.Van Hillegersberg, R., Robot-assisted thoracoscopic esophagectomy for a giant upper esophageal leiomyoma. Diseases of the Esophagus. 2008;21(1);90-93	3
12189	M. O. W. Schimpf, J. R., Robot-assisted laparoscopic Boari flap ureteral reimplantation. Journal of Endourology. 2008;22(12);2691-2694	3
12190	S. A. H. DeNardis, R. W.Bigsby, Iv G. E.Pikaart, D. P.Ahmad, S.Finkler, N. J., Robotically assisted laparoscopic hysterectomy versus total abdominal hysterectomy and lymphadenectomy for endometrial cancer. Gynecologic Oncology. 2008;111(3);412-417	13
12191	C. G. M. Rogers, A.Blatt, A. M.Bratslavsky, G.Menon, M.Linehan, W. M.Pinto, P. A., Robotic Partial Nephrectomy for Renal Hilar Tumors: A Multi-Institutional Analysis. Journal of Urology. 2008;180(6);2353-2356	3
12192	K. K. K. Badani, L. S.Menon, M., Robotic radical prostatectomy: Oncologic and functional outcomes after 2766 procedures. American Journal of Hematology/ Oncology. 2008;7;	3
12193	L. D. Wolfe, S.Adair, C. D.Torres, C.Stallings, S.Briery, C.Pearce, C., Robotic-assisted laparoscopic placement of transabdominal cerclage during pregnancy. American Journal of Perinatology. 2008;25(10);653-655	3
12194	D. C. Murphy, B.Elhage, O.Khan, M. S.Dasgupta, P., Robotically assisted laparoscopic pyeloplasty. BJU International. 2008;102(1);136-151	8
12195	F. M. Gharagozloo, M.Tempesta, B., Robot-Assisted Thoracoscopic Lobectomy for Early-Stage Lung Cancer. Annals of Thoracic Surgery. 2008;85(6);1880-1886	3
12196	S. P. J. Sterrett, D. F., Robotic assisted laparoscopic radical prostatectomy: Evolution and outcomes. Minerva Urologica e Nefrologica. 2008;60(1);31-39	8
12197	A. B. Shafer, J. F., Robotic-assisted endometrial cancer staging and radical hysterectomy with the da Vinci surgical system. Gynecologic Oncology. 2008;111(2 SUPPL.);S18-S23	3
12198	S. B. L. Riggs, J. C.Belldegrun, A. S., Partial nephrectomy: A contemporary review regarding outcomes and different techniques. Cancer Journal. 2008;14(5);302-307	8
12199	W. S. P. Ham, S. Y.Rha, K. H.Choi, Y. D., Outcomes of robotic prostatectomy for treating clinically advanced prostate cancer. [Korean]. Korean Journal of Urology. 2008;49(4);325-329	2
12200	P. T. S. Ramirez, K. M.Wolf, J. K.Brown, J.Soliman, P. T., Robotic radical parametrectomy and pelvic lymphadenectomy in patients with invasive cervical cancer. Gynecologic Oncology. 2008;111(1);18-21	3
12201	T. N. D. Payne, F. R., A Comparison of Total Laparoscopic Hysterectomy to Robotically Assisted Hysterectomy: Surgical Outcomes in a Community Practice. Journal of Minimally Invasive Gynecology. 2008;15(3);286-291	13
12202	S. Y. H. Park, W. S.Choi, Y. D.Rha, K. H., Robot-assisted laparoscopic radical prostatectomy: Clinical experience of 200 cases. [Korean]. Korean Journal of Urology. 2008;49(3);215-220	5
12203	W. S. P. Ham, S. Y.Cho, K. S.Lee, J. S.Choi, Y. D., Comparison of open and robotic surgery in radical prostatectomy: A single surgeon's experience. [Korean]. Korean Journal of Urology. 2008;49(3);221-226	12
12204	C. H. R. Nezhat, J. D., Robot-assisted laparoscopic trachelectomy after supracervical hysterectomy. Fertility and Sterility. 2008;90(3);e1-850	3

12205	L. B. Brunaud, L.Ayav, A.Zarnegar, R.Raphoz, A. L.Levan, T.Weryha, G.Boissel, P., Robotic-assisted adrenalectomy: what advantages compared to lateral transperitoneal laparoscopic adrenalectomy?. American Journal of Surgery. 2008;195(4);433-438	13
12206	S. H. L. Baik, W. J.Rha, K. H.Kim, N. K.Sohn, S. K.Chi, H. S.Cho, C. H.Lee, S. K.Cheon, J. H.Ahn, J. B.Kim, W. H., Robotic total mesorectal excision for rectal cancer using four robotic arms. Surgical Endoscopy and Other Interventional Techniques. 2008;22(3);792-797	3
12207	J. J. S. Meehan, A. D., Robotic resection of mediastinal masses in children. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2008;18(1);114-119	3
12208	S. Y. C. Park, K. S.Park, K. K.Park, S. J.Ham, W. S.Rha, K. H., Robot-assisted laparoscopic radical cystectomy with ileal conduit urinary diversion. [Korean]. Korean Journal of Urology. 2008;49(6);506-509	3
12209	J. J. S. Meehan, A., Pediatric robotic surgery: A single-institutional review of the first 100 consecutive cases. Surgical Endoscopy and Other Interventional Techniques. 2008;22(1);177-182	3
12210	T. T. Shu, S.Wang, R., Initial experience with robot-assisted varicocelectomy. Asian Journal of Andrology. 2008;10(1);146-148	12
12211	C. A. G. Galvani, M. V.Moser, F.Jacobsen, G.Chretien, C.Espat, N. J.Donahue, P.Horgan, S., Robotically assisted laparoscopic transhiatal esophagectomy. Surgical Endoscopy and Other Interventional Techniques. 2008;22(1);188-195	3
12212	K. K. Yamada, S., Robot-assisted thoracoscopic lung resection aimed at solo surgery for primary lung cancer. General Thoracic and Cardiovascular Surgery. 2008;56(6);292-294	3
12213	S. Y. K. Park, H. J.Seo, J. W.Cho, K. S.Ham, W. S.Rha, K. H., Robot-assisted laparoscopic partial nephrectomy. [Korean]. Korean Journal of Urology. 2008;49(5);387-391	3
12214	R. S. W. Pruthi, E. M., Robotic-Assisted Laparoscopic Radical Cystoprostatectomy. European Urology. 2008;53(2);310-322	3
12215	K. K. K. Badani, S.Menon, M., Evolution of robotic radical prostatectomy: Assessment after 2766 procedures. Cancer. 2007;110(9);1951-1958	3
12216	N. F. B. Vlahos, B. J.King, J. A.Shiller, D. A., Laparoscopic tubal reanastomosis using robotics: Experience from a teaching institution. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2007;17(2);180-185	3
12217	K. C. G. Zorn, O. N.Steinberg, G. D.Shalhav, A. L., Evolution of robotic surgery in the treatment of localized prostate cancer. Current Treatment Options in Oncology. 2007;8(3);197-210	8
12218	D. D. W. Thiel, H. N., Robotic assisted laparoscopic pyeloplasty. Minerva Urologica e Nefrologica. 2007;59(2);167-177	8
12219	S. K. Sharma, H. L.Mohler, J. L., Routine Pelvic Drainage Not Required After Open or Robotic Radical Prostatectomy. Urology. 2007;69(2);330-333	3
12220	C. A. H. Anderson, M.Falebella, A.Lau, C. S.Grannis Jr, F. W.Kernstine, K. H., Robotic-assisted lung resection for malignant disease. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2007;2(5);254-258	3
12221	C. J. B. Lutz, C. M.Ford, B.Swartz, M.Hauser, M.Kyobe, M.Dilip, K., Robotic-assisted excision of a left ventricular thrombus. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery. 2007;2(5);251-253	3
12222	M. K. Anderberg, C. C.Arnbjornsson, E., Robotic fundoplication in children. Pediatric Surgery International. 2007;23(2);123-127	12

12223	J. V. G. Heemskerk, W. G.De Vries, J.Greve, J.Bouvy, N. D., Learning curves of robot-assisted laparoscopic surgery compared with conventional laparoscopic surgery: An experimental study evaluating skill acquisition of robot-assisted laparoscopic tasks compared with conventional laparoscopic tasks in inexperienced users. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2007;17(3);171-174	4
12224	A. P. X. Advincula, X.Goudeau, Iv S.Ransom, S. B., Robot-assisted laparoscopic myomectomy versus abdominal myomectomy: A comparison of short-term surgical outcomes and immediate costs. Journal of Minimally Invasive Gynecology. 2007;14(6);698-705	13
12225	S. K. B. Kohl, K. C.Smith, L. M.Wilson, N. P.Johansson, S. L.Sterrett, S. P.Abrahams, N. A., Clinical Significance of Benign Glands at Surgical Margins in Robotic Radical Prostatectomy Specimens. Urology. 2007;69(6);1112-1116	12
12226	L. G. R. Siwek, B., Totally Robotic Mitral Valve Repair. Operative Techniques in Thoracic and Cardiovascular Surgery. 2007;12(4);235-249	8
12227	E. A. d. N. Bacha, P. J., Robotic Approach to Patent Ductus Arteriosus or Vascular Rings. Operative Techniques in Thoracic and Cardiovascular Surgery. 2007;12(4);257-265	8
12228	C. P. Schwentner, A.Neururer, R.Springer, B.Horninger, W.Bartsch, G.Peschel, R., Robotic Anderson-Hynes pyeloplasty: 5-Year experience of one centre. BJU International. 2007;100(4);880-885	3
12229	V. K. W. Narula, W. C.Davis, S. S.Hinshaw, K.Needleman, B. J.Mikami, D. J.Hazey, J. W.Winston, J. H.Muscarella, P.Rubin, M.Patel, V.Melvin, W. S., A computerized analysis of robotic versus laparoscopic task performance. Surgical Endoscopy and Other Interventional Techniques. 2007;21(12);2258-2261	4
12230	M. A. M. Palese, R.Phillips, C. K.Dinlenc, C.Stifelman, M.DelPizzo, J. J., Robot-assisted laparoscopic dismembered pyeloplasty. JSLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons. 2005;9(3);252-257	3
12231	F. H. Rodriguez, S.Jakopec, M.Barrett, A.Gomes, P.Henckel, J.Cobb, J.Davies, B., Robotic clinical trials of uni-condylar arthroplasty. The international journal of medical robotics + computer assisted surgery : MRCAS. 2005;1(4);20-28	2
12232	D. N. S. Starnes, T. W., Robotic prostatectomy surgery. Urologic nursing : official journal of the American Urological Association Allied. 2006;26(2);138-140	3
12233	F. Z. Shi, J.Liu, Y.Zhao, Z., A hand-eye robotic model for total knee replacement surgery. Medical image computing and computer-assisted intervention : MICCAI ... 2005;International Conference on Medical Image Computing and Computer-Assisted Intervention. 8(Pt 2);122-130	3
12234	A. K. Tewari, S.Menon, M., Robotic radical prostatectomy: a minimally invasive therapy for prostate cancer. Current urology reports. 2005;6(1);45-48	3
12235	J. C. W. Wu, H. S.Lin, M. S.Huang, M. H., Robotic-assisted laparoscopic adrenalectomy. Journal of the Formosan Medical Association = Taiwan yi zhi. 2005;104(10);748-751	3
12236	J. L. Rigdon, Robotic-assisted laparoscopic radical prostatectomy. AORN journal. 2006;84(5);759-762	3
12237	M. C. Tabata, L. H., Minimally invasive mitral valve repair with and without robotic technology in the elderly. The American journal of geriatric cardiology. 2006;15(5);306-310	5
12238	D. S. K. Yee, R. B.Shanberg, A. M., Robot-assisted laparoscopic reconstruction of a ureteropelvic junction disruption. Journal of Endourology. 2006;20(5);326-329	3
12239	E. H. Renoult, J.Ladriere, M.Billaut, N.Mourey, E.Feuillu, B.Kessler, M., Robot-assisted laparoscopic and open live-donor nephrectomy: A comparison of donor morbidity and early renal allograft outcomes. Nephrology Dialysis Transplantation. 2006;21(2);472-477	1

12240	M. S. D. Gundeti, P. G.Mushtaq, I., Robotic-assisted laparoscopic correction of pediatric retrocaval ureter. Journal of Laparoendoscopic and Advanced Surgical Techniques. 2006;16(4);422-424	3
12241	S. C. C. Yu, B. L.Lee, M. J.Albrecht, W. C.Scarborough, T. K.Wilson, E. B., Robotic assistance provides excellent outcomes during the learning curve for laparoscopic Roux-en-Y gastric bypass: results from 100 robotic-assisted gastric bypasses. American Journal of Surgery. 2006;192(6);746-749	4
12242	V. H. Gorodner, S.Galvani, C.Manzelli, A.Oberholzer, J.Sankary, H.Testa, G.Benedetti, E., Routine left robotic-assisted laparoscopic donor nephrectomy is safe and effective regardless of the presence of vascular anomalies. Transplant International. 2006;19(8);636-640	3
12243	R. S. R. Lee, A. B.Borer, J. G.Peters, C. A., Pediatric robot assisted laparoscopic dismembered pyeloplasty: Comparison with a cohort of open surgery. Journal of Urology. 2006;175(2);683-687	13
12244	E. S. W. Weise, H. N., Robotic computer-assisted pyeloplasty versus conventional laparoscopic pyeloplasty. Journal of Endourology. 2006;20(10);813-819	13
12245	R. S. S. Alami, R.Morton, J. M.Curet, M. J., Robotic-assisted laparoscopic Roux-en-Y gastric bypass in a patient with midgut malrotation. Surgery for Obesity and Related Diseases. 2006;2(2);222-225	3
12246	C. N. B. Gutt, V. V.Koninger, J.Muller-Stich, B. P.Reiter, M.Buchler, M. W., Robotic-assisted transhiatal esophagectomy. Langenbeck's Archives of Surgery. 2006;391(4);428-434	3
12247	Y. K. Kakeji, K.Ieiri, S.Yasunaga, T.Nakamoto, M.Tanoue, K.Baba, H.Maehara, Y.Hashizume, M., Robotic laparoscopic distal gastrectomy: A comparison of the da Vinci and Zeus systems. International Journal of Medical Robotics and Computer Assisted Surgery. 2006;2(4);299-304	3
12248	H. X. G. Zhou, Y. H.Yu, X. F.Bao, S. Y.Liu, J. L.Zhang, Y.Ren, Y. G., Zeus robot-assisted laparoscopic cholecystectomy in comparison with conventional laparoscopic cholecystectomy. Hepatobiliary and Pancreatic Diseases International. 2006;5(1);115-118	12
12249	C. G. Galvani, M. V.Moser, F.Baptista, M.Donahue, P.Horgan, S., Laparoscopic Heller myotomy for achalasia facilitated by robotic assistance. Surgical Endoscopy and Other Interventional Techniques. 2006;20(7);1105-1112	3
12250	Y. S. H. Lee, W. K.Yang, S. C.Rha, K. H., Robot-assisted laparoscopic radical prostatectomy. [Korean]. Korean Journal of Urology. 2006;47(2);206-210	3
12251	S. N. Carlsson, A.Wiklund, P. N., Postoperative urinary continence after robot-assisted laparoscopic radical prostatectomy. Scandinavian Journal of Urology and Nephrology. 2006;40(2);103-107	3
12252	D. A. M. Murphy, J. S.Langford, D. A.Snyder, A. B., Endoscopic robotic mitral valve surgery. Journal of Thoracic and Cardiovascular Surgery. 2006;132(4);776-781	3
12253	M. A. S. Palese, M. D.Munver, R.Sosa, R. E.Philipps, C. K.Dinlenc, C.Del Pizzo, J. J., Robot-assisted laparoscopic dismembered pyeloplasty: A combined experience. Journal of Endourology. 2005;19(3);382-386	5
12254	J. P. D. Ruurda, W. A.Van Hillegersberg, R.Borel Rinkes, I. H. M.Gooszen, H. G.Janssen, L. W. M.Simmermacher, R. K. J.Broeders, I. A. M. J., Robot-assisted endoscopic surgery: A four-year single-center experience. Digestive Surgery. 2005;22(5);313-320	3
12255	Y. J. G. Woo, T. J.Weiss, S. J., Robotic resection of an aortic valve papillary fibroelastoma. Annals of Thoracic Surgery. 2005;80(3);1100-1102	3
12256	M. R. B. Ali, B.Wolfe, B. M., Robot-assisted laparoscopic Roux-en-Y gastric bypass. Surgical Endoscopy and Other Interventional Techniques. 2005;19(4);468-472	3

12257	J. F. Bodner, J.Lottersberger, A. C.Welscher, G.Schmid, T., Robotic resection of an ectopic goiter in the mediastinum. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2005;15(4);249-251	3
12258	C. D. J. Scales Jr, P. J.Eisenstein, E. L.Preminger, G. M.Albala, D. M., Local cost structures and the economics of robot assisted radical prostatectomy. Journal of Urology. 2005;174(6);2323-2329	4
12259	A. B. Ayav, L.Hubert, J.Brunaud, L.Boissel, P., Robotic-assisted pelvic organ prolapse surgery. Surgical Endoscopy and Other Interventional Techniques. 2005;19(9);1200-1203	3
12260	C. C. B. Reade, C. E.Bailey, B. M.Maziarz, D. M.Masroor, S.Kypson, A. P.Nifong, L. W.Chitwood Jr, W. R., Robotic mitral valve annuloplasty with double-arm nitinol U-clips. Annals of Thoracic Surgery. 2005;79(4);1372-1376	3
12261	G. S. S. Kong, Y. K.Sung, G. T., Robotic-assisted radical prostatectomy using da VinciTM surgical robotic system: Initial Korean experience. [Korean]. Korean Journal of Urology. 2005;46(4);353-359	3
12262	L. W. C. Nifong, W. R.Pappas, P. S.Smith, C. R.Argenziano, M.Starnes, V. A.Shah, P. M., Robotic mitral valve surgery: A United States multicenter trial. Journal of Thoracic and Cardiovascular Surgery. 2005;129(6);1395-1404	3
12263	J. L. B. Ferguson, T. M.Nelson, K. H.Daucher, J. A., Making the transition from standard gynecologic laparoscopy to robotic laparoscopy. JSLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons. 2004;8(4);326-328	3
12264	C. S. Profanter, T.Prommegger, R.Bale, R.Sauper, T.Bodner, J., Robot-assisted mediastinal parathyroidectomy. Surgical endoscopy. 2004;18(5);868-870	3
12265	D. S. C. DiMarco, G. K.Gettman, M. T.Elliott, D. S., Robotic-assisted laparoscopic sacrocolpopexy for treatment of vaginal vault prolapse. Urology. 2004;63(2);373-376	3
12266	M. L. Obando, L.Madauss, W.Morita, M.Robinson, B., Robotic surgery in pituitary tumors. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2004;15(2);147-149	3
12267	R. P. Pedraza, L.Moss, V.Franco, I., Bilateral robotic assisted laparoscopic heminephroureterectomy. Journal of Urology. 2004;171(6 I);2394-2395	3
12268	J. J. B. Derose Jr, S.Swistel, D. G.Shaw, R.Ashton Jr, R. C., Robotically assisted left ventricular epicardial lead implantation for biventricular pacing: The posterior approach. Annals of Thoracic Surgery. 2004;77(4);1472-1474	3
12269	S. M. Undre, Y.Moorthy, K.Martin, S.Rockall, T.Vale, J.Darzi, A., Robot-assisted laparoscopic adrenalectomy: Preliminary UK results. BJU International. 2004;93(3);357-359	3
12270	J. P. W. Ruurda, W.Cuesta, M. A.Verhagen, H. J. M.Broeders, I. A. M. J., Robot-assisted versus standard videoscopic aortic replacement. A comparative study in pigs. European Journal of Vascular and Endovascular Surgery. 2004;27(5);501-506	7
12271	S. M. Undre, K.Munz, Y.Aggarwal, R.Hance, J.Rockall, T.Darzi, A., Robot-assisted laparoscopic Heller cardiomyotomy: preliminary UK results. Digestive Surgery. 2004;21(5-6);396-400	3
12272	M. D. Honl, O.Gauck, C.Carrero, V.Lampe, F.Dries, S.Quante, M.Schwieger, K.Hille, E.Morlock, M. M., Comparison of robotic-assisted and manual implantation of a primary total hip replacement: A prospective study. Journal of Bone and Joint Surgery - Series A. 2003;85(8);1470-1478	12

12273	J. J. A. J. DeRose Jr, R. C.Belsley, S.Swistel, D. G.Vloka, M.Ehlert, F.Shaw, R.Sackner-Bernstein, J.Hillel, Z.Steinberg, J. S., Robotically assisted left ventricular epicardial lead implantation for biventricular pacing. Journal of the American College of Cardiology. 2003;41(8);1414-1419	3
12274	M. W. Argenziano, M. R., Robotic atrial septal defect repair and endoscopic treatment of atrial fibrillation. Seminars in Thoracic and Cardiovascular Surgery. 2003;15(2);130-140	8
12275	G. C. Hubens, H.Balliu, L.Ruppert, M.Vaneerdeweg, W., A performance study comparing manual and robotically assisted laparoscopic surgery using the da Vinci system. Surgical Endoscopy and Other Interventional Techniques. 2003;17(10);1595-1599	1
12276	J. P. V. D. Ruurda, K. W.Dries, J.Rinkes, I. H. M. B.Broeders, I. A. M. J., Robot-assisted laparoscopic choledochojejunostomy: Comparison to the open approach in an experimental study. Surgical Endoscopy and Other Interventional Techniques. 2003;17(12);1937-1942	7
12277	W. S. N. Melvin, B. J.Krause, K. R.Ellison, E. C., Robotic resection of pancreatic neuroendocrine tumor. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A. 2003;13(1);33-36	5
12278	R. C. C. Ashton Jr, C. P.Swistel, D. G.DeRose Jr, J. J., Robot-assisted lobectomy. Journal of Thoracic and Cardiovascular Surgery. 2003;126(1);292-293	8
12279	S. C. Schluender, J.Divino, C. M.Gurland, B., Robot-assisted laparoscopic repair of ventral hernia with intracorporeal suturing: An experimental study. Surgical Endoscopy and Other Interventional Techniques. 2003;17(9);1391-1395	7
12280	D. B. Nio, W. A.Boer, K. T.Dunker, M. S.Gouma, D. J.Gulik, T. M., Efficiency of manual vs robotical (Zeus) assisted laparoscopic surgery in the performance of standardized tasks. Surgical Endoscopy and Other Interventional Techniques. 2002;16(3);412-415	1
12281	D. J. H. Terris, B.Le, D.Saenz, Y., Endoscopic and robotic surgery in the neck: Experimental and clinical applications. Operative Techniques in Otolaryngology - Head and Neck Surgery. 2002;13(3);231-238	3
12282	J. R. Shah, T.Darzi, A., Robot-assisted laparoscopic Heller's cardiomyotomy. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques. 2002;12(1);30-32	3
12283	M. A. B. Zenati, R. O., Robotic heart surgery. Cardiology in Review. 2001;9(5);287-294	8
12284	J. B. Robin, D.Tronc, F.Beaune, J.Wahid, F.Champsaur, G., Bilateral internal thoracic artery harvesting under robotic video-assistance. Surgical Endoscopy. 2001;15(7);755-756	3
12285	J. K. Binder, W., Robotically-assisted laparoscopic radical prostatectomy. BJU International. 2001;87(4);408-410	3
12286	M. J. Mack, Minimally invasive and robotic surgery. Journal of the American Medical Association. 2001;285(5);568-572	8
12287	L. W. D. A. Tang, G.Bergsland, J.Kawaguchi, A.Karamanoukian, H. L., Robotically assisted video-enhanced-endoscopic coronary artery bypass graft surgery. Angiology. 2001;52(2);99-102	3
12288	G. T. G. Sung, I. S., Robotic laparoscopic surgery: A comparison of the da Vinci and Zeus systems. Urology. 2001;58(6);893-898	7
12289	X. Jin, Ryan Jin-YoungPark, Ji-ManJung, Ui-WonCha, Jae-KookShim, June-SungHeo, Seong-Joo, Accuracy of Surgical Robot System Compared to Surgical Guide for Dental Implant Placement: A Pilot Study. . 2022;26;27-38	1
12290	M. S. Thai, Quy ThuanHoang, Khac ChuanNgo, Xuan ThaiNguyen, Trong HienThai, Kinh LuanVan Dinh, Le QuyPham, Duc MinhNguyen, Thanh-Tuan, Robot-assisted laparoscopic versus retroperitoneal endoscopic donor nephrectomy: a matching analysis. Korean J Transplant. 2021;35;S79	1

12291	S. Lim, YoungminKwon, HyeeunJung, JooheeKwon, HyunwookKim, YounghoonShin, Sung, Robot-assisted kidney transplantation: a single-center experience. Korean J Transplant. 2021;35;S45	3
12292	S. C. Cho, Bang WoolYoon, Hong ManKim, Young-WooRyu, Keun Won, Incisional hernia after minimally invasive gastrectomy in gastric cancer patients. J Minim Invasive Surg. 2021;24;84-90	3
12293	S. E. Park, Ho JoongYou, Young KyoungHong, Tae Ho, Effectiveness and stability of robot-assisted anastomosis in minimally invasive pancreaticoduodenectomy. Ann Surg Treat Res. 2021;100;329-337	12
12294	S. Lee, HoyoungLee, Jeong Woo, Open Partial Nephrectomy vs. Robotassisted Partial Nephrectomy for a Renal Tumor Larger than 4 cm: a Propensity Score Matching Analysis. J Korean Med Sci. 2021;36;e135	13
12295	S. J. Yang, Kyu HaJeong, Woo JuNa, Joon ChaeHan, Woong KyuKim, Eun Jin, Robot-assisted kidney transplantation: the initial experience of single institution in Korea. Korean J Transplant. 2020;34;S43	3
12296	M. S. Thai, Quy ThuanHoang, Khac ChuanNgo, Xuan ThaiNguyen, Trong HienThai, Kinh LuanVu, Duc HuyDinh, Le Quy VanTiong, Ho YeeNguyen, Thanh Tuan, Introducing robot-assisted laparoscopic donor nephrectomy after experience in retroperitoneal endoscopic living donor nephrectomy approach. Korean J Transplant. 2020;34;S41	1
12297	J. C. Kim, Jong LyulKim, Chan Wook, Comparative analysis of robot-assisted vs. open abdominoperineal resection in terms of operative and initial oncological outcomes. Ann Surg Treat Res. 2018;95;37-44	12
12298	Y. H. Park, Se HeeLee, Ryeo BinCho, Hye YonKang, Jung BaeJang, Pong RheemKyung, Min Sun, Robotic Single-Site Hysterectomy versus Robot-Assisted Multiport Hysterectomy in Benign Gynecologic Diseases: A Retrospective Comparison of Clinical and Surgical Outcomes. Soonchunhyang Med Sci. 2018;24;22-27	3
12299	S. Y. Kwon, Yun SokKim, Tae HwanKwon, Tae Gyun, Erectile Function and Long-term Oncologic Outcomes of Nerve-Sparing Robot-Assisted Radical Cystectomy: Comparison With Open Radical Cystectomy. Korean J Urol Oncol. 2018;16;32-37	13
12300	C. U. Lee, MinyongSung, Hyun HwanJeon, Hwang GyunHan, Deok HyunJeong, Byung ChangJeon, Seong SooLee, Hyun MooChoi, Han YongSeo, Seong Il, Comparison of 5-Year Outcomes of Robot-Assisted Laparoscopic and Laparoscopic Partial Nephrectomy in Patients With Localized Renal Cell Carcinoma. Korean J Urol Oncol. 2017;15;172-177	13
12301	H. Lee, Beom GyuPark, Yong GumKang, Hyun, The effect of laparoscopic versus robotic low anterior resection of rectum on postoperative pain: A propensity score matching analysis. Korean J Clin Oncol. 2016;12;124-128	12
12302	C. Lee, TaekminYoo, SangjunJung, JaeyoonLee, ChunwooYou, DalsanJeong, In GabKim, Choung Soo, Comparison of Renal Function between Robot-Assisted and Open Partial Nephrectomy as Determined by Tc 99m-DTPA Renal Scintigraphy. J Korean Med Sci. 2016;31;743-749	13
12303	H. W. Lee, Hwang GyunJeong, Byong ChangSeo, Seong IlJeon, Seong SooLee, Hyun MooChoi, Han Yong, Is Radical Perineal Prostatectomy a Viable Therapeutic Option for Intermediate- and High-risk Prostate Cancer?. J Korean Med Sci. 2015;30;1631-1637	2
12304	J. Kim, Si WoonLee, YongseokSeo, Hyojin, Clinical Outcomes of Robot-assisted Arm Rehabilitation in Stroke Patients. Brain Neurorehabil. 2015;8;46-52	2

12305	C. Komninos, PatrickKim, Dae KeunChoi, Young DeukChung, Byung HaRha, Koon Ho, Robot-Assisted Laparoendoscopic Single-Site Partial Nephrectomy With the Novel Da Vinci Single-Site Platform: Initial Experience. Korean J Urol. 2014;55;380-384	3
12306	J. Ryu, TaekminKyung, Yoon SooHong, SungwooYou, DalsanJeong, In GabKim, Choung Soo, Retropubic Versus Robot-Assisted Laparoscopic Prostatectomy for Prostate Cancer: A Comparative Study of Postoperative Complications. Korean J Urol. 2013;54;756-761	12
12307	S. J. Son, Sang ChulJeong, Chang WookJeong, Seong JinByun, Seok SooLee, Sang Eun, Comparison of Continence Recovery Between Robot-Assisted Laparoscopic Prostatectomy and Open Radical Retropubic Prostatectomy: A Single Surgeon Experience. Korean J Urol. 2013;54;598-602	12
12308	Z. Lee, ShailenLlukani, EltonReilly, ChristopherDoumanian, LeoMydlo, JackLee, David InkooEun, Daniel Dong In, Single-Surgeon Experience With Robot-Assisted Ureteroneocystostomy for Distal Ureteral Pathologies in Adults. Korean J Urol. 2013;54;516-521	3
12309	H. J. Cho, Tae YoungKim, Duk YoonByun, Seok SooKwon, Dong DeukOh, Tae HeeKo, Woo JinYoo, Tag Keun, Prevalence and Risk Factors of Bladder Neck Contracture After Radical Prostatectomy. Korean J Urol. 2013;54;297-302	2
12310	M. S. Choo, Woo SukCho, Sung YongKu, Ja HyeonKim, Hyeon HoeKwak, Cheol, Impact of Prostate Volume on Oncological and Functional Outcomes After Radical Prostatectomy: Robot-Assisted Laparoscopic Versus Open Retropubic. Korean J Urol. 2013;54;15-21	12
12311	Y. M. Park, Woo SungMoon, Byung In, Comparison Study of Endoscopic Thyroidectomy Versus Robot-assisted Thyroidectomy by a Cervico-transaxillary Approach. Korean J Endocr Surg. 2012;12;264-270	12
12312	D. Choi, DoejungKyung, Yoon SooLim, Ju HyunSong, Sang HoonYou, DalsanJeong, In GabKim, Choung Soo, Clinical Experience with Limited Lymph Node Dissection for Prostate Cancer in Korea: Single Center Comparison of 247 Open and 354 Robot-Assisted Laparoscopic Radical Prostatectomy Series. Korean J Urol. 2012;53;755-760	12
12313	S. Lee, ChulminKim, Sungyob, Surgical outcomes for robot-assisted laparoscopic myomectomy compared with laparoscopic myomectomy. Korean J Gynecol Endosc Minim Invasive Surg. 2012;24;70-76	13
12314	J. J. Bae, Seok HwanKwon, Tae GyunKim, Tae Hwan, Advantages of Robot-Assisted Laparoscopic Radical Prostatectomy in Obese Patients: Comparison with the Open Procedure. Korean J Urol. 2012;53;536-540	12
12315	C. S. Kim, DalsanJeong, In Gab, Can robotic surgery be a standard procedure in the treatment of prostate cancer?. J Korean Med Assoc. 2012;55;629-634	8
12316	M. Y. Chang, Sun YoungKim, Min A.Kim, Bo WookCho, HanbyoulCho, SiHyunChay, Doo ByungKim, Jae HoonKim, Young TaeLee, Byung SeokSeo, Kyung, The feasibility of robot-assisted laparoscopic myomectomy: Compared with standard laparoscopic and abdominal myomectomy. Korean J Obstet Gynecol. 2011;54;784-793	13
12317	Y. L. Lee, Kylie Hae-jinLee, Hye RanKwon, Dam HyeYoon, Kyung RanPark, Young HanKim, Hong BaePark, Sung Ho, A comparison of robot assisted and abdominal radical hysterectomy (RH) for early stage cervical and endometrial cancer. Korean J Gynecol Endosc Minim Invasive Surg. 2011;23;78-83	13
12318	J. S. Yi, CheolKim, Hyeon HoeKu, Ja Hyeon, Surgical Clip-Related Complications after Radical Prostatectomy. Korean J Urol. 2010;51;683-687	12
12319	J. Song, Ki HanRoh, Young HunKim, Min ChanChoi, Hong JoJung, Ghap Joong, Is Minimally Invasive Gastrectomy Feasible for the Treatment of Multiple Early Gastric Cancer?. J Korean Surg Soc. 2010;79;281-286	2

12320	Y. D. Choi, Jae Seung, Radical Prostatectomy: Respective Roles and Comparisons of Robotic and Open Surgeries. J Korean Med Assoc. 2010;53;119-125	8
12321	J. W. Cho, Tae HyoSung, Gyung Tak, Laparoscopic Radical Prostatectomy versus Robot-Assisted Laparoscopic Radical Prostatectomy: A Single Surgeon's Experience. Korean J Urol. 2009;50;1198-1202	12
12322	S. C. Kim, TaejinPark, Hyungkeun, Experience with Laparoscopic Pyeloplasty, Including Robot-Assisted Laparoscopic Surgery, for Ureteropelvic Junction Obstruction. Korean J Urol. 2009;50;996-1002	5
12323	H. W. Lee, Hyun MooSeo, Seong Il, Comparison of Initial Surgical Outcomes between Laparoscopic Radical Prostatectomy and Robot-Assisted Laparoscopic Radical Prostatectomy Performed by a Single Surgeon. Korean J Urol. 2009;50;468-474	12
12324	Y. S. Lee, Won SikKim, Won TaeJoo, Hui JungLee, Jin SunChoi, Young Deuk, Comparison of Extraperitoneal and Transperitoneal Robot-Assisted Radical Prostatectomy in Prostate Cancer: A Single Surgeon's Experience. Korean J Urol. 2009;50;251-255	3
12325	S. Y. Park, Hyung JoonSeo, Joo WanCho, Kang SuHam, Won SikRha, Koon Ho, Robot-assisted Laparoscopic Partial Nephrectomy. Korean J Urol. 2008;49;387-391	9
12326	Y. H. Kwak, HwajungSeon, KieunLee, Young JooLee, Yong JaeKim, Sang Wun, Da Vinci SP Single-Port Robotic Surgery in Gynecologic Tumors: Single Surgeon? s Initial Experience with 100 Cases. Yonsei Med J. 2022;63;179-186	3
12327	K. Park, SohyunLee, Hye WonBae, Sung UkBaek, Seong KyuJeong, Woon Kyung, Comparison of the quality of total mesorectal excision after robotic and laparoscopic surgery for rectal cancer: a multicenter, propensity score-matched study. Korean J Clin Oncol. 2021;17;82-89	12
12328	S. Kim, Sung UkBaek, Seong KyuJeong, Woon Kyung, Comparing the initiation of adjuvant chemotherapy after robotic and laparoscopic colon cancer surgeries: A case-controlled study with propensity score matching. Korean J Clin Oncol. 2020;16;44821	12
12329	C. W. Lee, Jung ManKim, Dae YeonKim, Seong ChulLee, Soo YoungCho, YujeongKwon, Hyunhee, Perioperative Outcomes and Surgical Indications of Minimally Invasive Pancreatectomy for Solid Pseudopapillary Tumor in Pediatric Patients. Adv Pediatr Surg. 2018;24;76-85	2
12330	S. Park, JeonghyunPark, Eun JungBaik, Seung HyukLee, Kang Young, Laparoscopic and Robotic Surgeries for Patients With Colorectal Cancer Who Have Had a Previous Abdominal Surgery. Ann Coloproctol. 2017;33;184-191	3
12331	J. K. Shin, YoonahKim, Hee CheolHuh, Jung WookCho, Yong BeomYun, Seong HyeonLee, Woo YongChun, Ho Kyung, Robotic versus Laparoscopic Intersphincteric Resection for Low Rectal Cancer: A Comparative Study of Short-term Outcomes. J Minim Invasive Surg. 2015;18;98-105	12
12332	J. W. Shin, Seon Hahn, Robotic versus laparoscopic surgery in colon and rectal cancer. J Korean Med Assoc. 2012;55;620-628	5
12333	W. S. Ham, Sung YulCho, Kang SuLee, Jin SunChoi, Young Deuk, Comparison of Open and Robotic Surgery in Radical Prostatectomy: A Single Surgeon's Experience. Korean J Urol. 2008;49;221-226	12
12334	H. S. Na, Hye YoungDo, Sang HwanJeon, Young TaeHwang, Jung WonOh, Ah Young, Review of anesthesia for robotic-assisted radical prostatectomy: in comparison with radical retropubic prostatectomy. Anesth Pain Med. 2009;4;364-367	12
12335	G. U. Heo, Min ChanJung, Ghap JoongChoi, Seok Reyol, Robotic Gastrectomy for Gastric Cancer: Preliminary Results. J Korean Surg Soc. 2009;76;301-306	3

12336	G. S. Kong, Youl KeunSung, Gyung Tak, Robotic-Assisted Radical Prostatectomy Using da VinciTM Surgical Robotic System: Initial Korean Experience. Korean J Urol. 2005;46;353-359	3
12337	이. 곽영화, 선기은,이영주,이용재,김상운,, Da Vinci SP Single-Port Robotic Surgery in Gynecologic Tumors: Single Surgeon's Initial Experience with 100 Cases. Yonsei Medical Journal. 2022;63;179-186	9
12338	박준옥, 갑상샘 수술치료의 새로운 개념: 구강내시경수술 및 로봇수술. 대한의사협회지. 2021;64;208-213	8
12339	임. 이선민, Comparison of outcomes of single incision robotic cholecystectomy and single incision laparoscopic cholecystectomy. Annals of Hepato-Biliary-Pancreatic Surgery. 2021;25;78-83	12
12340	이. 이은주, 강소현,이상준,원용준,박영석,안상훈,서윤석,김형호,, Usefulness of articulating laparoscopic instruments during laparoscopic gastrectomy for gastric adenocarcinoma. Journal of Minimally Invasive Surgery. 2021;24;35-42	2
12341	H.-J. Kim, 김진혁,김환익,이상철,변석수,오종진,, Perioperative Outcomes of Different Surgical Methods Among Bladder Cancer Patients Undergoing Radical Cystectomy With Neobladder Urinary Diversion. 대한비뇨기종양학회지. 2021;19;261-270	13
12342	B. Simonetta, CoreyHirschl, RobertMatheus, Virgilio, Robotic Assistance Improves Efficiency for Navigated TLIF Surgery. Journal of Minimally Invasive Spine Surgery and Technique. 2021;6;83-89	12
12343	강. 구가윤, 이우정,강창무,, Revo-i assisted robotic central pancreatectomy. Annals of Hepato-Biliary-Pancreatic Surgery. 2020;24;547-550	3
12344	최. 유성혜, 김청수,서성일,정창욱,변석수,이지열,홍준혁,최인영,, Comparison of Surgical Outcomes of Radical Prostatectomy Using the Multicenter Korean Prostate Cancer Registry (KPCR) Database. 보건정보통계학회지. 2018;43;175-183	12
12345	김. 이인선, 박지혁,박하은,, 로봇치료가 파킨슨병 환자의 상지 기능에 미치는 영향. 재활치료과학. 2018;7;59-78	2
12346	정. 정유진, 주민철,, 급성기 뇌졸중 환자에서의 로봇 보조 상지 훈련의 효과 : 무작위 대조 예비 연구. 대한작업치료학회지. 2017;25;15-27	2
12347	S. M. Goja, K.Chaudhary Rohan, JagatSoin Arvinder, S., Robotic-assisted right hepatectomy via anterior approach for intrahepatic cholangiocarcinoma. 한국간담췌외과학회지. 2017;21;80-83	3
12348	K. Santosh, SinghNavneet, Kumar, Robot-assisted "Santosh-Post Graduate Institute tubularized flap pyelovesicostomy" in a solitary functioning kidney with giant hydronephrosis: A minimally invasive salvage procedure. Investigative and Clinical Urology. 2016;57;141-145	3
12349	L. S. Teo Xin, Kiat, Robotic assisted adrenalectomy: Is it ready for prime time?. Investigative and Clinical Urology. 2016;57;130-146	8
12350	B. D. Rachel, J. FarberAlexandra, L. TabakinSammy, E. ElsamraIsaac, Y. Kim, Open versus robotic cystectomy: Comparison of outcomes. Investigative and Clinical Urology. 2016;57;36-43	5
12351	태. 송창면, Robotic thyroidectomy: Evolution and Outcomes. Hanyang Medical Reviews. 2016;36;205-210	8
12352	백. 이경록, 정우현,김지훈,김욱환,, 로봇 원위부 췌장 절제술의 초기 경험: 28례의 단일 기관 연구. Journal of Minimally Invasive Surgery. 2016;19;135-140	3
12353	김. 박영민, 경구강 로봇 수술. 대한두경부종양학회지. 2015;31;44566	8

12354	김. 최석환, 윤길석,정성광,김법완,권태균,, Two Different Surgical Approaches for Prostatic Stromal Sarcoma: Robot-Assisted Laparoscopic Radical Prostatectomy and Open Radical Cysto-Prostatectomy With Ileal Conduit. 대한비뇨기과학회지. 2014;55;620-623	5
12355	이. 김광현, 로봇 보조 복강경을 이용한 근치적 방광절제술. The Ewha Medical Journal. 2014;37;44849	8
12356	정. 김지언, 김관식,김준범,주석중,정철현,이재원,, Surgical Outcomes of Congenital Atrial Septal Defect Using da VinciTM Surgical Robot System. 대한흉부외과학회지. 2013;46;93-97	3
12357	S.-Y. Moon, 박선진,이길연,, Initial experience of robotic intersphincteric resection for rectal cancer. Korean Journal of Clinical Oncology. 2013;9;42-46	12
12358	김. 손근숙, 복강경수술과 로봇수술의 마취관리. 대한의사협회지. 2012;55;641-648	8
12359	유. 김청수, 정인갑,, 전립선암의 치료에 로봇수술은 표준 술식이 될 수 있는가?. 대한의사협회지. 2012;55;629-634	8
12360	김. 신재원, 대장직장암절제술에서 로봇수술과 복강경수술의 비교. 대한의사협회지. 2012;55;620-628	5
12361	Y. M. Lee Jason, Phillip, Robotic Radical Nephrectomy with Vena Caval Tumor Thrombectomy: Experience of Novice Robotic Surgeons. 대한비뇨기과학회지. 2012;53;879-882	3
12362	임. 박영민, 문병인,, 경부-액와접근법을 이용한 내시경 갑상선절제술과 로봇하 갑상선절제술의 비교 및 고찰. 대한내분비외과학회지. 2012;12;264-270	12
12363	이. 양인수, 유지영,손길수,이재복,배정원,김훈엽,, 측면 경복강 접근을 이용한 로봇 부신 절제술: 초기 연속 15예 수술 경험 보고. 대한내분비외과학회지. 2012;12;179-184	3
12364	강. 최성훈, 김동현,이우정,지훈상,, Robotic pylorus preserving pancreaticoduodenectomy with mini-laparotomy reconstruction in patient with ampullary adenoma. 대한외과학회지. 2011;81;355-359	3
12365	김. 장민영, 김민아,김보욱,조한별,조시현,채두병,김재훈,김영태,이병석,서경,, 로봇을 이용한 자궁근종절제술의 유용성: 복강경 그리고 개복수술과 비교. 대한산부인과학회지. 2011;54;784-793	9
12366	M. R. P. Nick Alpa, T., The impact of robotic surgery on gynecologic oncology. Journal of Gynecologic Oncology. 2011;22;196-202	8
12367	김대준, 수술로봇을 이용한 식도절제 및 종격동림프절 박리술. 대한기관식도과학회지. 2011;17;89-91	8
12368	태경, 갑상선 분화암에서 로봇을 이용한 측경부 림프절 절제술. 대한기관식도과학회지. 2011;17;83-88	8
12369	장. 장은영, 류선애,오정탁,한석주,, 소아 담관낭종의 로봇수술의 초기경험. 소아외과. 2011;17;72-80	3
12370	유. 노종렬, 경구강 레이저 및 로봇 수술. 대한기관식도과학회지. 2011;17;28-34	8
12371	백. 이동원, 신재원,조재승,김진,김선한,, 직장암에서 da Vinci 로봇수술시스템을 이용한 직장절제술: 185예의 단기 성적 분석. 대한내시경복강경외과학회지. 2011;14;61-67	3
12372	태경, 로봇 갑상선 수술. 대한이비인후과학회지-두경부외과학. 2010;53;463-469	8
12373	형. 송재원, 조기위암의 로봇 수술. 대한의사협회지. 2010;53;318-323	8
12374	정. 최영득, 근치적 전립샘적출술에서 개복과 로봇 수술의 역할 및 비교. 대한의사협회지. 2010;53;119-125	5

12375	김. 정경진, 임수현,김태헌,한덕현,이성원,, Development and Validation of the Korean Version of Expanded Prostate Cancer Index Composite: Questionnaire Assessing Health-Related Quality of Life after Prostate Cancer Treatment. 대한비뇨기과학회지. 2010;51;601-612	2
12376	민. 박원서, 고석환,, 로봇을 이용한 내시경적 갑상선절제술. 경희의학. 2010;26;17-21	5
12377	L. 강일상, Jaw-Whan서일영,, Robot-Assisted Laparoscopic Augmentation Ileocystoplasty. International Neurourology Journal. 2010;14;61-64	3
12378	박. 이정선, 홍태호,이상권,, 다빈치 수술 로봇을 이용한 거대한 1형 담관낭 절제술. 대한내시경복강경외과학회지. 2010;13;35-38	3
12379	이. 노재형, 나국영,이잔디,정웅윤,소의영,, 무기하 액와 접근법을 이용한 로봇 갑상선 절제술: 단일 술자에 의한 최초 1년간의 경험. 대한내분비외과학회지. 2010;10;157-162	3
12380	백. 김수림, 이산희,남은지,김영태,김상운,, Robot-assisted laparoscopic radical trachelectomy using three robotic arms. Journal of Women s Medicine. 2010;3;122-125	3
12381	김. 허건웅, 정갑중,최석렬,, 위암 환자에서 da Vinci® Surgical System을 이용한 위절제술의 초기 경험. 대한외과학회지. 2009;76;301-306	3
12382	김. 박영민, 로봇 수술 시스템을 이용한 두경부 수술. 대한이비인후과학회지-두경부외과학. 2009;52;641-647	3
12383	김. 조재욱, 성경탁,, 복강경 근치적 전립선적출술과 로봇을 이용한 근치적 전립선적출술의 비교: 단일 술자 경험. 대한비뇨기과학회지. 2009;50;1198-1202	12
12384	강. 김성철, 박형근,, 신우요관이행부폐색 환자에서 로봇보조 복강경 수술을 포함한 복강경 신우성형술의 경험. 대한비뇨기과학회지. 2009;50;996-1002	13
12385	고. 강성구, 태범식,조석,안홍재,채지윤,강석호,전준,, Robot-Assisted Laparoscopic Distal Ureterectomy and Ureteral Reimplantation. 대한비뇨기과학회지. 2009;50;921-924	3
12386	이. 이혜원, 서성일,, 단일 술자에 의한 복강경 근치적 전립선적출술과 로봇 보조 복강경 근치적 전립선적출술의 초기 수술 결과 비교. 대한비뇨기과학회지. 2009;50;468-474	12
12387	이. 윤건, 송태종,박황신,김주선,김철중,최철훈,김태중,이정원,김병기,이제호,배덕수,, 자궁경부암 환자에서 로봇 복강경하 광범위 자궁적출술 5예. 대한산부인과내시경학회지. 2009;21;134-138	3
12388	나군호, 전립선의 치료-전립선비대증/전립선암/로봇수술. 임상노인의학회지. 2009;10;130-133	8
12389	조. 박성열, 박경기,박성진,함원식,나군호,, 로봇 보조 복강경 방광적출술 및 회장도관술. 대한비뇨기과학회지. 2008;49;506-509	5
12390	서. 박성열, 나군호,함원식,김형준,조강수,, 로봇 보조 복강경 부분신절제술. 대한비뇨기과학회지. 2008;49;387-391	3
12391	조. 박성열, 함원식,이주형,최현민,나군호,, 로봇 보조 복강경 신요관적출술 및 요관구 주위 방광점막절제술. 대한비뇨기과학회지. 2008;49;373-375	3
12392	박. 함원식, 나군호,최영득,, 임상적으로 진행된 전립선암에서의 로봇 근치적 전립선적출술의 결과. 대한비뇨기과학회지. 2008;49;325-329	3
12393	박. 함원식, 조강수,이진선,최영득,, 근치적 전립선적출술에서의 개복과 로봇 술식의 비교: 단일 술자 경험. 대한비뇨기과학회지. 2008;49;221-226	12

12394	조. 이영옥, 이종태,김근직,, 수술용 내시경 로봇(AESOP)을 이용한 최소 침습적 개심술과 동 기간에 시행된 전통적인 개심술의 결과에 대한 비교. 대한흉부외과학회지. 2008;41;598-604	4
12395	백. 함석진, 박성용,, 고령의 식도암 환자에서 다빈치 S 로봇을 이용한 식도 절제술. 대한기관식도과학회지. 2008;14;53-56	5
12396	김. 유행랑, 김경식,최진섭,이우정,지훈상,박준성,윤동섭,황호경,, 복강경 및 다빈치 로봇 보조 간 절제술의 초기 경험. 한국간담췌외과학회지. 2008;12;254-257	5
12397	백. 권혜연, 김진수,허혁,손승국,조장환,, 에스자 결장암에서 로봇 전방절제술의 초기 결과에 대한 예비 연구. 대한내시경복강경외과학회지. 2008;11;87-92	12
12398	최. 고영휘, 김진,강석호,박홍석,천준,, 이전 복부수술을 시행했던 환자에서 경복막적 로봇이용 복강경 근치적 전립선 적출술의 타당성. 대한Endourology학회지. 2008;7;127-134	3
12399	함. 박성열, 정우주,김원태,최영득,정병하,홍성준,나군호,, 로봇을 이용한 비뇨기 종양 수술의 단일기관 경험. 대한비뇨기종양학회지. 2008;6;133-137	3
12400	정. 강상욱, 윤지섭,성태연,이승철,이용상,남기현,장항석,정웅윤,박정수,, 갑상선암에 대한 로봇 보조 내시경적 갑상선 절제술; 100예에 대한 초기 경험. 대한갑상선학회지. 2008;1;129-135	3
12401	김. 조원철, 제형곤,이재원,, 승모판 성형술에 있어 최소 침습적 수술 방식과 고전적 정중 흉골 절개술을 통한 접근 방식의 비교. 대한흉부외과학회지. 2007;40;825-830	13
12402	유기형, 인공 고관절 치환술에서의 네비게이션 및 로봇 수술의 이용. 대한고관절학회지. 2007;19;449-455	8
12403	김. 장시영, 김재훈,김상운,남은지,홍종욱,이대우,김영태,, A comparison of robot-assisted total laparoscopic hysterectomy and total laparoscopic hysterectomy outcomes. 대한산부인과내시경학회지. 2007;19;86-86	10
12404	김대준, 식도암 환자에서 다빈치 수술 로봇을 이용한 식도절제술. 대한기관식도과학회지. 2007;13;44689	8
12405	이우정, Laparoscopic & Robotic Surgery in Pancreas Disease. 대한췌담도학회지. 2007;12;209-220	8
12406	홍준혁, 로봇보조 복강경 전립선 적출술. 대한Endourology학회지. 2007;6;84-95	8
12407	김형준, 로봇을 이용한 복강경하 신부분절제술. 대한Endourology학회지. 2007;6;27-30	3
12408	나. 박성열, 로봇 보조 복강경 근치적 전립선적출술에서 시행한 골반림프절절제술의 의미. 대한비뇨기종양학회지. 2007;5;148-152	3
12409	G. 성. 성. S. Y. K. S. G. K. 공근수/Kong, da VinciTM Surgical System을 이용한 복강경하 근치적 전립선절제술의 초기 경험. 대한비뇨기과학회지. 2005;46;353-359	3
12410	L.-k. Min-kyoung, KimYoun-jee, ChungHyun-hee, ChoJang-heub, KimMee-ran, Kim, Robot-assisted laparoscopic adenomyomectomy: Successful treatment of adenomyosis patients wishing for uterus-sparing treatment. 대한산부인과학회 학술발표논문집. 2016;102;393-393	8
12411	김. 장민영, 김민아,김보욱,조한별,조시현,채두병,김재훈,김영태,이병석,서경,, Robot-Assisted Laparoscopic Myomectomy Compared with Standard Laparoscopic and Abdominal Myomectomy. 대한산부인과학회 학술발표논문집. 2011;97;167-167	8

12412	C. Jin Young, KimDong Hoon, SuhKidong, KimJae Hong, NoYong Beom, Kim, Robotic assisted surgery for the treatment of apical prolapse: single-site robotic sacrocolpopexy and multi-site robotic sacrohysteropexy. 대한산부인과학회 학술발표논문집. 2016;102;395-395	8
12413	K.-k. Hyun-kyung, LeeYoon-jee, CheungHyun-hee, ChoJang-heub, KimMee-ran, Kim, Robot assisted laparoscopic myomectomy, an alternative to laparotomy for numerous myomas (over 10). 대한산부인과학회 학술발표논문집. 2016;102;376-376	8
12414	S. J. Jae Yun, MinSang Hoon, LeeJin Hwa, HongJae Kwan, LeeNak Woo, Lee, Robot assisted radical trachelectomy with ascending uterine artery preservation. 대한산부인과학회 학술발표논문집. 2016;102;385-385	8
12415	이산희, Robotic-assisted Laparoscopic radical hysterectomy: An analysis of Learning curve and surgical outcomes for a single surgeon (초). 대한산부인과학회 학술발표논문집. 2010;96;149-149	9
12416	S. Trevor, SinghChristian, T. OakleyOmid, S. BarzidehRan, SchwarzkopfJoshua, C. Rozell, A comparison of utilization and short-term complications of technology-assisted versus conventional total knee arthroplasty. Knee Surgery & Related Research(구 대한슬관절학회지). 2022;34;44571	12
12417	오. 천근영, 남궁정,조현희,김장흡,김미란,, 일반부인과학 : 로봇을 이용한 자궁근종 절제술과 복강경수술, 개복 수술의 비교 (초). 대한산부인과학회 학술발표논문집. 2010;96;159-159	8
12418	E. Kyung Jin, ShinStella Jung-hyun, KimHee-jin, KangJung-ae, KimYoung Tae, Kim, Outcomes of robotic, laparoscopic vs. open surgery for endometrial cancer: a nationwide cohort study. 대한부인종양학회 학술대회지. 2020;35;20-20	8
12419	C. E. Young Jun, LeeYeo Kyu, Youn, Review Article : Can Robotic Thyroidectomy Be Performed Safely in Thyroid Carcinoma Patients?. Endocrinology and Metabolism(구 대한내분비학회지). 2014;29;226-232	8
12420	S. G. Tae Il, KwonWoo Jin, Hyung, Review : Minimally Invasive Surgery for Gastric Cancer Treatment: Current Status and Future Perspectives. Gut and Liver. 2014;8;229-236	8
12421	박. 정근오, 홍대기,조영래,박일수,이윤순,, Initial surgical outcomes of robotic radical hysterectomy compared with Laparoscopic-assisted radical vaginal hysterectomy and total Laparoscopic radical hysterectomy (초). 대한산부인과학회 학술발표논문집. 2010;96;235-235	8
12422	이. 유은혜, 정근오,홍대기,조영래,이윤순,, Comparison of laparoscopic and robot assisted transperitoneal infrarenal paraaortic lymphadenectomy. 대한부인종양학회 학술대회지. 2017;32;283-283	8
12423	L. S. Hee Jong, KimJi Seon, JeongJae Chul, ShimEun Sun, Cho, Clinical Research Article : Optimal positive end-expiratory pressure during robot-assisted laparoscopic radical prostatectomy. Korean Journal of Anesthesiology(구 대한마취과학회지). 2013;65;244-250	3
12424	장. 신용태, 신재필,김인택,박동호,, 전립선암 환자에서 로봇을 이용한 복강경 근치적 전립선적출술 후 발생한 양안 칸디다 안내염. 대한안과학회지. 2012;53;1708-1711	3
12425	박. 정경아, 조안젤라,최은지,전지현,이사라,문혜성,정혜원,, 젊은 여성의 부속기 수술에서 가임력 보존을 위한 로봇 단일공법의 이용. 대한산부인과학회 학술발표논문집. 2016;102;390-390	8
12426	곽. 강소연, 정윤지,조현희,김장흡,김미란,, 생식내분비학 : 기존의 복강경 수술로 접근이 어려운 위치의 자궁근종에서 로봇을 이용한 자궁근종 절제술. 대한산부인과학회 학술발표논문집. 2012;99;326-326	3

12427	H. Young Seok, Post-donated Complications after Donor Hepatectomy: Achilles Heel of Donor Surgeon. 춘·추계 학술대회 (KASL). 2016;2016;284-284	8
12428	김. 함원식, 최영득,, Miles' 수술 상태에서의 로봇 전립선적출술. 대한비뇨기과학회지 = The Korean journal of urology. 2008;49;464-468	5
12429	박일, 내시경 수술 보조 로봇을 이용한 성인 심실중격결손 교정술. Journal of Chest Surgery. 2006;39;931-933	3
12430	이잔디, 경액와 액와부 접근법 로봇 갑상선 수술 후 삶의 질 변화. International Journal of Thyroidology, 8. 2015;19-25;	5
12431	장. 박수현, 로봇을 이용한 심장수술이 환자의 통증, 수면 및 자가간호수행에 미치는 영향. 디지털융복합연구 = Journal of digital convergence. 2019;17;265-274	5
12432	제형곤, 다빈치 수술로봇을 이용한 심장수술 20예 보고 - 단일 기관 보고. Journal of Chest Surgery. 2008;41;423-429	3
12433	김. 김명지, 배효숙,이재관,이낙우,송재윤,, Evaluation of risk factors of vaginal cuff dehiscence after hysterectomy. Obstetrics & Gynecology Science. 2014;57;136-143	5
12434	김. 허건웅, 정갑중,최석렬,, 위암 환자에서 da Vinci® Surgical System을 이용한 위절제술의 초기 경험. Annals of Surgical Treatment and Research. 2009;76;301-306	9
12435	H. K. Sang-Uk, RohSoomin, Lee손상용,허훈,, Risk Factors for the Severity of Complications in Minimally Invasive Total Gastrectomy for Gastric Cancer: a Retrospective Cohort Study. Journal of gastric cancer. 2021;21;352-367	5
12436	김. 하창민, 홍상덕,우경인,설호준,남도현,이정일,공두식,, 두개저 병변에 대한 내시경적 경비강 혹은 경안와 접근술에서 로봇 팔의 활용에 대한 초기 경험. 대한두개저학회지. 2020;15;44847	2
12437	신. 조희주, 서도영,민동석,조정만,강정윤,유탁근,, 로봇 보조 복강경 방광적출술 및 요로전환술의 초기 경험. 대한비뇨기종양학회지. 2012;10;34-40	3
12438	이. 엄방울, 김형호,한호성,하종원,정중기,김상준,, 로봇 보조 대동맥-대퇴동맥 우회술. Annals of Surgical Treatment and Research. 2009;76;266-269	5
12439	김. 김수동, 조재욱,유윤철,성경탁,, 로봇 보조 전립선절제술에서 요도후벽재건술이 조기 요자제 회복에 미치는 영향. Investigative and Clinical Urology. 2009;50;1203-1207	3
12440	한. 이용성, 양승철,나군호,, 로봇을 이용한 복강경 근치적 전립선적출술. Investigative and Clinical Urology. 2006;47;206-210	5
12441	김. 백남현, 김지훈,김명욱,, 로봇을 이용한 담낭절제술 15예 초기 경험 분석. 대한외과학회 학술대회 초록집. 2010;2010;207-207	8
12442	장. 이현성, Lee, Hyun-SungJang, Hee-Jin, 폐암에서 로봇을 이용한 폐절제술. 大韓氣管食道科學會誌. 2011;17;92-97	3
12443	함. 박성열, 최영득,나군호,, 로봇 보조 복강경 전립선적출술: 200례의 임상경험. Investigative and Clinical Urology. 2008;49;215-220	3
12444	김. 김익용, 이강산,김주희,하보라,, [Free Paper] Surgical outcome following Robot assist resection for rectal cancer. 대한외과학회 학술대회 초록집. 2011;2011;417-417	8
12445	김. 장민영, 김민아,김보욱,조한별,조시현,채두병,김재훈,김영태,이병석,서경,, 원저 : 로봇을 이용한 자궁근종절제술의 유용성: 복강경 그리고 개복수술과 비교. Obstetrics & Gynecology Science. 2011;54;784-793	9

12446	곽. 정윤지, 김장흡,김미란,, 일반부인과학 : 로봇을 이용한 자궁근종절제술 100례의 보고 및 동일 기간 복강경 수술, 개복수술과의 비교. 대한산부인과학회 학술발표논문집. 2012;98;290-290	8