

-RoB

연번(Ref ID)		527
1저자(출판연도)		Chavez(2016)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Patients were <u>computer-based randomized</u> and allocated between groups with <u>sealed envelopes</u>
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 결측치 사유가 존재하며 군간 차이가 없음 - <u>Reasons for exclusion were</u> distal airway obstruction that postponed the operative intervention in 1 patient; history of cervical radiotherapy in 1 patient; biochemical thyroid hyperfunctioning in 1 patient; the preoperative presence of lateral lymph nodes in 1 patient; failure of C-IONM in 1 patient; and 4 patients declined to take part in the study.
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The primary clinical end point of our study was to assess differences in <u>operative time</u> ~. Secondary end points included <u>intraoperative estimated blood loss</u> and <u>postoperative complications</u> ~.
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input checked="" type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Johnson & Johnson sponsored this project, but the company was not involved in the data analysis or the manuscript preparation.

연번(Ref ID)		1156
1저자(출판연도)		Satori(2008)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- All the 150 eligible patients, were <u>randomized into three arms</u> by means of <u>ballot envelopes</u> : a <u>sealed opaque envelope</u> with the technique to be performed was assigned to each patient after informed consent, and was opened in the operating room right before surgery. - 무작위 배정순서 생성방법이 제시되어 있지 않음
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- No patient refused to participate in the study. No patient was withdrawn intraoperatively.
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The following data were recorded: age, gender, pathology, thyroid weight, hemostatic technique, preoperative and postoperative calcemia, <u>complications</u> , intraoperative blood losses, operating time, and length of hospital stay.
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음

연번(Ref ID)		3406
1저자(출판연도)		Ramouz(2018)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Randomization was performed using a computer via a statistician who was blinded to the patient data and surgery technique.
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- A single-blinded, two-central randomized controlled trial - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 15 patients were excluded and 535 patients randomly assigned to study groups. - Of 15 excluded patients, four patients had hyperparathyroidism~
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- ~operation time, and perioperative complications including bleeding, RLN injury, hematoma, and hypocalcemia. - Intraoperative variables and postoperative complications (table 2)
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- We certify that <u>none</u> of the authors of the present study has received grant, payments, or any funding for participating in the study.

연번(Ref ID)		5075
1저자(출판연도)		Hirunwivatkul(2013)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - Patients were randomly assigned in a 1:1 ratio to receive either VSSL or CTL by block randomization. - The randomized block of four allocation sequence was generated using <u>computer-generated random numbers</u> by a statistician not involved in the study.
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - The allocation was concealed in the sequentially numbered <u>opaque sealed envelopes</u> with an enclosed card containing the assignment
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> ~ the signature of the <u>person preparing the sequence over envelope seals</u> and <u>blinded to the patient and objective outcome assessors</u>.
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - No loss of follow-up or missing data was found in this study.
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - primary outcomes which were <u>operative time</u> and <u>intraoperative blood loss</u> - and secondary outcomes which were <u>postoperative blood loss</u> and <u>recurrent laryngeal nerve paralysis</u>.
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - This was <u>not</u> an industry-supported study.

연번(Ref ID)	추가	
1저자(출판연도)	Manouras(2005)	
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Two groups were formed using <u>Bernoulli tables</u> for randomization.
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Main outcome measures were patient demographics, <u>operative and hospitalization times</u> , and <u>postoperative complications</u> .
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음

연번(Ref ID)	추가	
1저자(출판연도)	Saint Marc(2007)	
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- one was assigned in the operating room from a <u>randomized list engendered by statistical software</u>
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The surgeons were blinded to the technique - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- End points of the study included comparative evaluation of the following outcomes: postoperative complications, need for parathyroid gland autotransplantation, operative time, and time to hospital discharge.
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Financial Disclosure: None reported.

연번(Ref ID)		추가
1저자(출판연도)		Singh(2010)
영역	비뚫림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Using <u>block randomization</u> , 15 patients were randomized to the conventional hemostasis group using CLTs and 15 patients were randomized to the LigaSure hemostasis group.
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Each video was then presented to a <u>staff laryngologist</u> , who was blinded to the hemostasis group randomization for each patient.
Incomplete outcome data addressed (불충분한 결과자료)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Primary Outcome: Surgical time - Secondary Outcomes: Voice, Postoperative Complications, Operative Cost, Hemorrhage
Other bias : Funding (그 외 비뚫림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Financial disclosure of authors and reviewers: None reported.

연번(Ref ID)	추가	
1저자(출판연도)	Schiphorst(2012)	
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	무작위 외에 구체적인 생성순서에 대한 언급없음
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - Patients were <u>unaware of allocation</u> to either intraoperative use of the LigaSure Precise™ vessel sealing system or conventional suture ligatures. - Randomization was done by <u>shuffled sealed envelopes</u>, opened by the surgeon at the start of anaesthesia.
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - Twenty-four patients did not meet the inclusion criteria and 9 patients were excluded for other reasons - 무작위 전 배제(fig1)
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - The total <u>operation time</u> measured from the time of incision to the moment of skin closure was the primary endpoint of the study. - The duration of the different phases of the operation, the number of sealed or ligated vessels, and <u>postoperative complications</u> (bleeding necessitating re-operation and recurrent laryngeal nerve palsy) were secondary endpoints.
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음

연번(Ref ID)		추가
1저자(출판연도)		Pons(2009)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- the patients were randomly assigned to a group by picking a paper (numbered one to three) from a box containing 60 papers (20 for each group). - The surgeon performed this randomization.
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- ~the study was a <u>simple blind</u> . - A <u>statistician who did not know</u> the technique used for each group performed the statistical analysis - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Nine of them were <u>excluded</u> from the study because they presented with thyroid cancer (n=6) diagnosed by preoperative fine-needle aspiration cytology, or hyperthyroidism (n=3).
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Operative parameters. The <u>operative time</u> and the operative bleeding collected via suction were recorded. - Postoperative parameters. We measured the <u>duration of hospitalization</u> and the <u>complications</u> that arose (bleeding, hematoma, recurrent palsy, hypocalcemia [ie, ionized plasmatic calcemia less than 1.80 mmol/L]).
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Sponsorships: None.

연번(Ref ID)		0733
1저자(출판연도)		Fujita(2014)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- Patients were randomly assigned to~ - Assignments were balanced by the minimization method according to the institution and the type of gastrectomy
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 무작위 배정후 follow-up loss는 없었음(fig 1)
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Data reflecting eight major morbidities, namely, postoperative bleeding, anastomotic leakage, pancreatic leakage, abdominal abscess, wound infection, bowel obstruction, pneumonia, and anastomotic stenosis, were prospectively collected.
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- This work was supported in part by SCCRE (Supporting Center for Clinical Research Education, Osaka, Japan).

연번(Ref ID)		1036
1저자(출판연도)		Takiguchi(2010)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Randomization to surgery with the LigaSure or conventional methods was carried out with <u>sealed envelopes</u> .
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Patients were excluded if they had blood vessels with severe calcification, serious preoperative complications, multiple cancers, or a history of cancer. - 무작위배정 전 배제
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The primary endpoints were operating time and intraoperative blood loss. - The secondary endpoints were postoperative complications, including surgical site infection (SSI), and postoperative hospital stay
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Conflict of Interest Statement. None of the authors has a financial interest in the LigaSure device.

연번(Ref ID)		1365
1저자(출판연도)		Lee(2003)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Those who had resectable gastric cancer were randomized to operation with LigasureTM or conventional surgery by the use of sealed envelopes.
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Clinical data were collected blindly under the supervision of a third party.
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Patients were excluded if they were medically unfit for major surgery, had metastatic disease,~ - 배제기준 후 무작위 배정이 이루어짐
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The main outcome measure was postoperative major complications (bleeding, leakage and abdominal abscess). - Secondary outcome measures were operating time, intraoperative blood loss and discharge of fluid from the drainage tubes during the first 7 days after operation. Postoperative use of analgesia and length of hospital stay were also recorded.
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음

연번(Ref ID)		1103
1저자(출판연도)		Sucullu(2009)
영역	비뚫림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- Patients were randomized into 2 groups. - Categorized according to their admission times to the hospital, patients with odd numbers (1st group) had mesoappendix dissection performed using the LigaSure, whereas patients with even numbers (2nd group) received the same operation using the endodissector and endoclip.
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The patients with perforated acute appendicitis were excluded from the study. - 배제기준 후 무작위 배정이 이루어짐
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Table 1 showed clinical data of the patients and findings according to the surgery. - There was no need to convert to an open procedure. There were no postoperative complications in any of the patients.
Other bias : Funding (그 외 비뚫림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음

연번(Ref ID)		432
1저자(출판연도)		Taskin(2018)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Patients with presumed uterine-confined endometrial cancer were randomized to advanced bipolar or conventional bipolar groups using a <u>computer-based system at a ratio of 1:1.</u>
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The <u>patients did not know</u> in which group they were assigned to.
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- <u>single-blinded</u> , single-center randomized clinical trial. - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Sixty-eight eligible patients were randomized to advanced bipolar or conventional bipolar group and 34 subjects were included in each group (Fig. 1) - 환자군 배정 후 분석대상자의 결측이 없었음
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Operative blood loss was calculated - hemoglobin value - length of hospital stay - Medication - all patients were seen, asked for any adverse events, and vaginal cuff was inspected.
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- This research has been supported by Ankara University Scientific Research Projects Coordination Unit

연번(Ref ID)		435
1저자(출판연도)		Hasanov(2018)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- We performed a 1:1 <u>permuted block</u> (four patients each block) randomization by using a <u>sealed envelope</u> .
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- All 74 eligible patients were randomized to undergo a laparoscopic hysterectomy with either MS or LS~ - 결측보고 없으나, 각 군에 배정된 환자 모두 분석이 이루어짐(table 1)
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Main outcome measure 1. The operating time~2. The intraoperative blood loss~ - Other secondary outcome measures were the following: (3) rate of overall intraoperative <u>complications</u> ~
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- KLS Martin sponsored this trial, but the company was neither involved in data analysis nor in the preparation of the manuscript. (Marseal(대조군)의 제조회사)

연번(Ref ID)		533
1저자(출판연도)		Campagna(2017)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Patients were randomly assigned, in our Polyclinic, to one of the two treatment groups by giving them a <u>code number from a computer-generated randomization list</u> , in order of enrollment.
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- <u>To guarantee the concealment of allocation, a staff member who was not directly involved in the study was in possession of the randomization list</u> ; in this way, after receiving information from the physician recruiting the women, the staff member followed his own randomization list when allocating each patient.
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Both the <u>patients and the gynecologists were not informed</u> of the assigned treatment.
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Of the overall included population, 24 were excluded and 100 were randomized into the two surgical populations. - After randomization, <u>no patient was excluded</u> from the study or reported missing data (Fig. 1).
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Operative time (OT) was defined as~ - Intraoperative complications were defined~
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음

연번(Ref ID)		821
1저자(출판연도)		Rothmund(2013)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- After giving informed consent, patients underwent surgery using the EnSeal device (experimental group) or standard bipolar coagulation (control group) according to computer-generated permuted-block randomization.
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- A total of 160 patients underwent LASH (Table 1). - 연구에 참여한 모든 사람에 대해 분석이 이루어짐
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Follow-up to postoperative day 2 included documentation of <u>serious adverse events</u> , number of red blood cells, body temperature, blood transfusion, and <u>length of hospital stay</u> .
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input checked="" type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Supported by Ethicon Endo-Surgery (Europe) GmbH, Norderstedt, Germany.

연번(Ref ID)		883
1저자(출판연도)		Lakeman(2012)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - After the women had signed the informed consent they were allocated to one of the treatment groups by <u>computerised randomisation</u>. - Randomisation was performed using <u>block randomisation</u> with a block size of ten and 1 : 1 allocation of treatment.
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - <u>Concealment of allocation</u> was assured by not providing information to the woman during the first postoperative year about which surgical technique was used.
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - Both the <u>women and the medical team</u> responsible for the postoperative care were <u>blinded</u> to the allocated intervention.
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - Also, the <u>nurses and physicians</u> involved in the postoperative care were <u>not informed</u> about treatment allocation.
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - From 1 June 2009 to 1 May 2011, 100 women participated in this study. - At 6 months after surgery only 75% of the women returned the questionnaire. - We analysed if there were any imbalances in treatment assignment between the eight participating hospitals, none were found (data not shown).
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - Primary outcome was postoperative pain, measured by the visual analogue scale (VAS) during the first week after surgery. - Secondary outcomes were duration of surgery, amount of blood loss, complications during surgery or hospital stay, late complications related to surgery, time to resume normal daily activity, quality of life and costs.
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - This study was funded by an unrestricted research grant from Covidien.

연번(Ref ID)		906
1저자(출판연도)		Aydin(2012)
영역	비뚫림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Randomization was performed using a list of <u>computer-generated</u> random numbers.
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- During this period, out of 208 women who applied to the hospital for an abdominal hysterectomy, <u>88 with myoma uteri</u> more than 14 weeks in size were entered in the study. - The patients participating in the study were divided into two groups: <u>group A</u> , in which the LigaSure (Valleylab, Boulder, Colo., USA) method was applied, included <u>44</u> patients, and <u>group B</u> , in which conventional sutures were used, also included <u>44 patients</u> .
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Both groups were compared in terms of their operative time, blood loss, postoperative pain scores, preoperative complications and length of hospital stay.
Other bias : Funding (그 외 비뚫림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음

연번(Ref ID)		969
1저자(출판연도)		Janssen(2011)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- A <u>web-based</u> central computer system generated the study numbers and the randomisation outcome.
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- A <u>single-blinded</u> multicentre randomised controlled clinical~ - Unfortunately, <u>blinding of the surgeon</u> with respect to instrument used is <u>not possible</u> . The theatre staff recording the start and finish times were not blinded to the type of instrument used.
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The number of women randomised for the LigaSure and conventional bipolar instruments was 70 for both groups. - <u>~protocol violation occurred~</u> the conventional bipolar instrument was used instead of the randomised LigaSure. - Excluded from analysis (measurements were not appropriately registered) - <u>결측이 발생하였으나 양군의 영향에 미치지 않음</u>
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The primary endpoint was operating time, defined as~ - Secondary endpoints were total operating time (time from initial skin incision till final skin closure), time to transect the ovarian or infundibulopelvic ligaments, intra-operative and postoperative complications, hospital stay and intra-operative blood loss.
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- None.

연번(Ref ID)		1100
1저자(출판연도)		Elhao(2009)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Patients were randomised to either using the LigaSure1 procedure or conventional suturing, using a computer-generated random numbers (ME), and participants were assigned to their groups using sealed envelopes that were opened just before starting the procedure.
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- There is a possibility that non-blinding of the assessors ~ - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Fifty patients were randomised to the LigaSure and 53 to the Suture group.
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The primary outcome measures were the operative time and blood loss while the secondary outcome measures were the hospital stay and intra- and post-operative complications.
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Local hospital funding.

연번(Ref ID)		1120
1저자(출판연도)		Silva-Filho(2009)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Randomization was performed using a list of <u>computer-generated random numbers</u> .
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 각 군은 무작위 할당되어 40명씩 배정되었음 - 분석대상자는 각 45명으로 확인됨(table 1)
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The primary outcome variables were operative blood loss, duration of surgery, intra-operative complications, hospital stay and pain status. - The secondary outcomes variables were number of surgical sutures required and conversion to laparotomy for non-feasibility of vaginal hysterectomy.
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음

연번(Ref ID)		1158
1저자(출판연도)		Lakeman(2008)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- After the patient had given informed consent, assignment to treatment arms was determined based on a <u>computer-generated randomization table</u> . - <u>Block randomization</u> was performed to certify that both interventions were equally distributed over both participating centers.
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Assignment of treatment was known only by the operating physician. - <u>The patient and nursing staff were blinded</u> for treatment allocation.
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- A total of 57 patients participated in the randomized trial. - Lost to follow-up (n=0) (Fig1)
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Primary outcome was postoperative pain, measured by a visual analog scale (VAS). - Secondary outcomes were duration of surgery, amount of blood loss, complications during surgery, complications during hospital stay, duration of hospital stay, late complications related to surgery, experienced discomfort related to surgery,~
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- External funding was not obtained.

연번(Ref ID)		1305
1저자(출판연도)		Cronje(2005)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Gynecologists informed the research assistant when a vaginal hysterectomy was planned, and the assistant used a <u>closed-envelope randomization system</u> to inform gynecologists about the method to be followed.
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- There were 37 patients in the LigaSure group and 31 in the traditional technique group.
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- There were significant differences in procedure time, number of ligatures, and pain score, and the better performances were all in the LigaSure group. - No intraoperative or postoperative complications were noted in either group.
Other bias : Funding (그 외 비뚤림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음

연번(Ref ID)		1315
1저자(출판연도)		Hagen(2005)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Ten patients for each of the three operators were block-randomised. The treatment options, five of each in each randomisation block, were <u>first concealed in envelopes</u> . - Thereafter, the sequence was generated using <u>computer generated random number lists</u> .
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Pilot randomised controlled <u>unblinded trial</u> with block randomisation according to three operating surgeons. - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The 30 projected patients were included and randomised between June 2002 and April 2003. - Table 1의 분석대상자는 각 그룹 15명씩 총 30명임
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The following pre- and intra-operative parameters were registered:~
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The study did not receive external funding.

연번(Ref ID)		1329
1저자(출판연도)		Hefni(2005)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	-Randomisation was performed using a list of <u>computer generated random numbers</u> .
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - The patients <u>were blinded</u> to treatment method. - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - 116 were recruited for the study~ - Lost to follow up (n=0) (Fig. 2)
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	<ul style="list-style-type: none"> - Patient demographics, operative details including <u>operating time</u>, <u>operative blood loss</u>, peri-operative drop in haemoglobin level and <u>post-operative adverse events</u> such as haemorrhage, infection, need for re-operation or readmission following discharge were recorded.
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- No financial support was granted for the study.

연번(Ref ID)		1374
1저자(출판연도)		Levy(2003)
영역	비뚫림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Randomization was completed via the <u>SAS statistical package</u> (SAS Institute Inc., Durham, NC).
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- <u>Sealed envelopes</u> containing the assignment for each patient were opened just before the surgical procedure.
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Thirty patients were randomized into each hemostasis modality. - 분석대상자는 각 그룹 30명씩임
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- <u>Procedure time</u> for the vaginal hysterectomy portion of all cases was measured ~ - <u>Blood loss</u> was estimated by the anesthesia service~ - <u>Postoperative complications</u> were assessed~
Other bias : Funding (그 외 비뚫림)	<input type="checkbox"/> 낮음 <input checked="" type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Financial support for this study was provided by Valleylab.

연번(Ref ID)		1897
1저자(출판연도)		Batra(2022)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The subjects were divided randomly into two equal groups of 60 each, using a <u>computer based random number generator</u> .
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The subjects were divided randomly into two equal groups of 60 each,~ - 분석대상자는 각 그룹 60명씩임
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The outcomes of interest included <u>time to dissect adnexal ligaments</u> , primary and <u>total operating time</u> , <u>mean blood loss</u> , <u>intraoperative and postoperative complications</u> and duration of postoperative stay.
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Nil.

연번(Ref ID)		2235
1저자(출판연도)		Shady(2021)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The two equal groups were prepared using a computer-generated randomization framework.
Allocation concealment (배정순서 은폐)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The assigned groups were <u>concealed in sequentially numbered fixed hazy envelopes</u> that might be opened after enrollment.
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The trial was appropriately <u>single blinded</u> ; the participants were blinded to the surgical vessel sealing type, which was used. - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- the remaining 90 patients were randomized to two groups, each group comprising 45 patients. - 각 분석대상자는 45명씩이었음(fig. 1)
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The all-out <u>operation time</u> measured from the time of incision to the moment of skin closure was the primary endpoint of the study. - The secondary outcome was the <u>estimation of intraoperative, postoperative, and total blood loss (mL)</u> . - No significant difference was observed in either the requirement for blood transfusions or <u>complication</u> in surgery
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	No funding was received for this article.

연번(Ref ID)		6750
1저자(출판연도)		Lee(2019)
영역	비뚤림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- ~then recruited and prospectively randomized in an 1:1 ratio into either the study group by using - 무작위했다는 언급외에 없음
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Lost to follow-up (n=0) (Fig. 1)
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Primary end point were the device-related feasibility and efficacy~ - Conversion to conventional laparoscopy or open surgery was defined as a complication suggestive of incompetence of the energy device. - Secondary endpoints were the device-associated efficiency and effectiveness~
Other bias : Funding (그 외 비뚤림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- funded by Medtronic (중재, 비교 대상 기술의 제조사는 아님)

연번(Ref ID)		4980
1저자(출판연도)		Yildiz(2013)
영역	비뚫림위험	사유
Adequate sequence generation (무작위 배정순서 생성)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Randomization was performed using a list of <u>computer-generated random numbers.</u>
Allocation concealment (배정순서 은폐)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음
Blinding of participants and personnel (연구 참여자, 연구자에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- 언급없음 - 눈가림이 중재의 결과에 영향을 미치지 않을 것으로 판단되는 경우
Blinding of outcome assessment (결과평가에 대한 눈가림)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	
Incomplete outcome data addressed (불충분한 결과자료)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- The <u>patients (n=173) participating in the study</u> were divided into two groups:~ - 무작위 배정과 분석대상자 수가 동일함
Free of selective reporting (선택적 보고)	<input checked="" type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input type="checkbox"/> 불확실	- Both groups were compared in terms of their <u>operative time, blood loss, postoperative pain scores (VAS scores), postoperative complications and length of hospital stay.</u>
Other bias : Funding (그 외 비뚫림)	<input type="checkbox"/> 낮음 <input type="checkbox"/> 높음 <input checked="" type="checkbox"/> 불확실	- 언급없음