

## Data and analyses

### 1 Fokuseret spørgsmål 1 (PICO1). Subtotal hysterektomi sammenlignet med total hysterektomi ved benign sygdom.

Outcome or Subgroup	Studies	Participants	Statistical Method	Effect Estimate
1.1 Reoperation pga. postoperativ intraabdominal blødning. - <i>Abdominal hysterektomi</i> . (Repeat surgery, postoperative intraabdominal bleeding)	1	178	Risk Ratio (M-H, Fixed, 95% CI)	2.68 [0.11, 65.01]
1.2 Stressinkontinens indenfor 2 år postoperativt. - <i>Abdominal + laparoskopisk hysterektomi</i> (Stress urinary incontinence within 2 years post surgery)	5	955	Risk Ratio (M-H, Fixed, 95% CI)	1.41 [0.86, 2.31]
1.2.1 Abdominal surgery	4	826	Risk Ratio (M-H, Fixed, 95% CI)	1.50 [0.87, 2.58]
1.2.2 Laparoscopic surgery	1	129	Risk Ratio (M-H, Fixed, 95% CI)	1.05 [0.32, 3.45]
1.3 Tilfredshed med sex indenfor 2 år postoperativt. - <i>Abdominal hysterektomi</i> . (Satisfaction with sex within 2 years post surgery)	2	454	Risk Ratio (M-H, Fixed, 95% CI)	1.01 [0.91, 1.13]
1.3.1 Abdominal surgery	2	454	Risk Ratio (M-H, Fixed, 95% CI)	1.01 [0.91, 1.13]
1.3.2 Laparoscopic surgery	0	0	Risk Ratio (M-H, Fixed, 95% CI)	Not estimable
1.4 Smerter ved sex indenfor 2 år postoperativt. - <i>Abdominal + laparoskopisk hysterektomi</i> (Prevalence of pain during sex within 2 years post surgery)	2	452	Risk Ratio (M-H, Fixed, 95% CI)	0.88 [0.49, 1.59]
1.4.1 Abdominal surgery	2	452	Risk Ratio (M-H, Fixed, 95% CI)	0.88 [0.49, 1.59]
1.4.2 Laparoscopic surgery	0	0	Risk Ratio (M-H, Fixed, 95% CI)	Not estimable

1.5 Prolaps (POP) indenfor 2 år postoperativt. - <i>Abdominal + laparoskopisk hysterektomi</i> (Pelvic prolapse within 2 years post surgery)	4	839	Risk Ratio (M-H, Fixed, 95% CI)	2.70 [0.81, 8.98]
1.6 Prolaps (POP ≥ grad 2) 7-11 år postoperativt. - <i>Abdominal hysterektomi</i> . (Pelvic prolapse ≥ stage 2, 7-11 years post surgery)	2	255	Risk Ratio (M-H, Fixed, 95% CI)	0.94 [0.62, 1.43]
1.7 Cervikal dysplasi indenfor 12 mdr. postoperativt. - <i>Abdominal hysterektomi</i> .	1	175	Risk Ratio (M-H, Fixed, 95% CI)	4.73 [0.23, 97.02]
1.8 Cyklisk vaginalblødning Indenfor 2 år postoperativt. - <i>Abdominal + laparoskopisk hysterektomi</i> (Cyclical bleeding within 2 years post surgery)	5	964	Risk Ratio (M-H, Fixed, 95% CI)	14.28 [5.51, 36.98]
1.9 Operationstid (min.) - <i>Abdominal hysterektomi</i> . (Operating time (mins))	4	694	Mean Difference (IV, Fixed, 95% CI)	-11.26 [-15.07, -7.45]
1.10 Operationstid (min.) - <i>Laparoskopisk hysterektomi</i> . (Operating time (mins))	1	141	Mean Difference (IV, Fixed, 95% CI)	-5.00 [-14.80, 4.80]
1.13 Peroperativ blødning (ml) - <i>Abdominal hysterektomi</i> . (Blood loss during surgery (ml))	3	589	Mean Difference (IV, Fixed, 95% CI)	-56.63 [-99.58, -13.68]
1.14 Peroperativ blødning (ml) - <i>Laparoskopisk hysterektomi</i> . (Blood loss during surgery (ml))	1	141	Mean Difference (IV, Fixed, 95% CI)	-36.00 [-145.35, 73.35]
1.24 Sårinfektioner Postoperativt under indlæggelsen. - <i>Abdominal + laparoskopisk hysterektomi</i> (Wound infections, predischARGE)	3	733	Risk Ratio (M-H, Fixed, 95% CI)	0.86 [0.39, 1.89]

## 2 Fokuseret spørgsmål 2 (PICO2). Vaginal hysterektomi sammenlignet med konventionel laparoskopisk hysterektomi ved benign sygdom

Outcome or Subgroup	Studies	Participants	Statistical Method	Effect Estimate
2.1 Reoperation (Repeat surgery)	1		Risk Ratio (IV, Fixed, 95% CI)	No totals
2.2 Vaginaltopsraktur (Vaginal cuff dehiscence)	0	0	Risk Ratio (M-H, Fixed, 95% CI)	Not estimable
2.3 Læsion af naboorganer. Blære eller ureter (Intraoperative visceral injury, bladder or ureter)	7	1205	Risk Ratio (M-H, Fixed, 95% CI)	2.03 [0.95, 4.36]
2.4 Læsion af naboorganer. Tarm. (Intraoperative visceral injury, bowel)	2	904	Risk Ratio (M-H, Fixed, 95% CI)	3.00 [0.12, 73.20]
2.5 Læsioner på naboorganer der førte til konvertering til laparotomi (Intraoperative visceral injury - Unintended laparotomy)	8	1290	Risk Ratio (M-H, Fixed, 95% CI)	1.42 [0.83, 2.45]
2.6 Inkontinens (stress og urgency)	1	47	Risk Ratio (M-H, Fixed, 95% CI)	1.04 [0.23, 4.65]
2.7 Prolaps (POP grad 1-2)	1	47	Risk Ratio (M-H, Fixed, 95% CI)	0.70 [0.29, 1.64]
2.9 Indlæggelsestid (dage). (Length of hospital stay (days))	9	1424	Mean Difference (IV, Random, 95% CI)	0.42 [-0.02, 0.87]
2.11 Operationstid (min.) (Operating time (mins))	13	1801	Mean Difference (IV, Random, 95% CI)	40.54 [27.69, 53.39]
2.11.1 LAVH versus VH	7	509	Mean Difference (IV, Random, 95% CI)	34.17 [17.18, 51.16]
2.11.2 LH(a) versus VH	3	213	Mean Difference (IV, Random, 95% CI)	53.58 [43.67, 63.49]
2.11.3 TLH versus VH	5	1079	Mean Difference (IV, Random, 95% CI)	42.03 [18.93, 65.13]
2.13 Peroperativ blødning (ml) (Blood loss during surgery (mis))	9	637	Mean Difference (IV, Random, 95% CI)	59.98 [-12.88, 132.83]

2.14 Infektion (Infection)	14	2733	Risk Ratio (M-H, Fixed, 95% CI)	0.95 [0.73, 1.24]
2.14.3 Infektion ved vaginaltoppen (vaginal cuff infection)	4	276	Risk Ratio (M-H, Fixed, 95% CI)	0.98 [0.23, 4.19]
2.14.4 Sårinfektioner (Wound infections)	2	170	Risk Ratio (M-H, Fixed, 95% CI)	2.74 [0.31, 24.27]
2.14.5 Urinvejsinfektion (UTI)	4	355	Risk Ratio (M-H, Fixed, 95% CI)	2.18 [0.56, 8.51]
2.14.6 Øvre luftvejsinfektioner (upper respiratory infections)	1	60	Risk Ratio (M-H, Fixed, 95% CI)	0.20 [0.01, 4.00]
2.14.7 Feber eller uspecificeret infektion (Febrile episodes or unspecified) infection	14	1872	Risk Ratio (M-H, Fixed, 95% CI)	0.90 [0.69, 1.19]

### 3 Fokuseret spørgsmål 3 (PICO4). Robotassisteret laparoskopisk hysterektomi sammenlignet med konventionel laparoskopisk hysterektomi ved benign sygdom

Outcome or Subgroup	Studies	Participants	Statistical Method	Effect Estimate
3.1 Mortalitet (mortality)	0	0	Risk Ratio (M-H, Fixed, 95% CI)	Not estimable
3.2 Reoperation pga. blødning, infektion, vaginaltopsruptur og hæmatom. (Reoperation because of bleeding, infection, VCD and hematoma)	1	100	Risk Ratio (M-H, Fixed, 95% CI)	2.00 [0.38, 10.43]
3.3 Læsion af naboorganer (ureter-, tarm-, og karlæsioner). (Lesion of organs (ureter, bowel and vascular))	2	152	Risk Ratio (M-H, Fixed, 95% CI)	0.50 [0.05, 5.34]
3.4 Vaginaltopsruptur (Vaginal cuff dehiscence)	1	100	Risk Ratio (M-H, Fixed, 95% CI)	0.33 [0.01, 7.99]
3.5 Livskvalitet (QoL)	1	38	Mean Difference (IV, Fixed, 95% CI)	-1.00 [-6.09, 4.09]
3.6 Indlæggelsestid (dage) (Length of hospital stay (days))	1	100	Mean Difference (IV, Fixed, 95% CI)	0.20 [-0.17, 0.57]

3.7 Operationstid (min.) (Operating time (mins))	2	152	Mean Difference (IV, Fixed, 95% CI)	23.47 [14.01, 32.92]
3.8 Peroperativ blødning (ml) (Blood loss during surgery (mls))	1	100	Mean Difference (IV, Fixed, 95% CI)	8.00 [-13.02, 29.02]
3.9 Infektion (Infection)	1	100	Risk Ratio (M-H, Fixed, 95% CI)	2.00 [0.19, 21.36]

#### 4 Fokuseret spørgsmål 5 (PICO6). Sammenligning imellem hysterektomi med og uden salpingektomi ved behandling af benign sygdom

Outcome or Subgroup	Studies	Participants	Statistical Method	Effect Estimate
4.1 Reoperation (Repeat surgery)	1	295	Risk Ratio (M-H, Fixed, 95% CI)	0.33 [0.10, 1.06]
4.2 Operation på salpinges (pga. hydrosalpinges og pyosalpinges) follow up 0-5 år. (surgery on salpinx (hydrosalpinx and pyosalpinx) follow up 0-5 years)	1	295	Risk Ratio (M-H, Fixed, 95% CI)	0.15 [0.01, 2.46]
4.3 Tubacancer. Gns. follow up: non-PBS <sup>**</sup> 92 mdr., PBS <sup>†</sup> 55 mdr. (Tubal cancer, follow up non-PBS <sup>**</sup> 92 months., PBS <sup>†</sup> 55 months)	1	295	Risk Ratio (M-H, Fixed, 95% CI)	Not estimable
4.4 Ovariecancer. Gns. follow up: non-PBS <sup>**</sup> 92 mdr., PBS <sup>†</sup> 55 mdr. (Ovarian cancer, follow up non-PBS <sup>**</sup> 92 months., PBS <sup>†</sup> 55 months)	1	295	Risk Ratio (M-H, Fixed, 95% CI)	Not estimable
4.5 Anti Müllersk Hormon (AMH)ng/mL. 3 mdr. follow up. (Anti-Müllerian Hormone, follow up: 3 months) - RCT	1	27	Mean Difference (IV, Fixed, 95% CI)	0.04 [-1.95, 2.03]

4.6 Anti Müllersk Hormon (AMH)ng/mL. 3 mdr. follow up. (Anti-Müllerian Hormone, follow up: 3 months) - Observational study	1	158	Mean Difference (IV, Fixed, 95% CI)	-0.02 [-0.16, 0.12]
4.7 Infektion (infection)	1	282	Risk Ratio (M-H, Fixed, 95% CI)	0.23 [0.07, 0.77]

## 5 Fokuseret spørgsmål 6 (PICO9). Suspension af vaginaltoppen i forbindelse med fjernelse af en ikke-nedsunken livmoder pga. benign sygdom?

Outcome or Subgroup	Studies	Participants	Statistical Method	Effect Estimate
5.1 Prolaps (POP) (Pelvic prolapse)	0	0	Risk Ratio (M-H, Fixed, 95% CI)	Not estimable
5.2 Stressinkontinens 6 mdr. follow up. (Stress incontinence, follow up: 6 months)	1	68	Risk Ratio (M-H, Fixed, 95% CI)	1.13 [0.40, 3.14]
5.3 Læsion af naboorganer (skader på kar, ureter og blære) (Lesion of organs (vascular, ureter and bladder injury))	1	68	Risk Ratio (M-H, Fixed, 95% CI)	1.13 [0.31, 4.13]
5.4 Reoperation (Repeat surgery)	0	0	Risk Ratio (M-H, Fixed, 95% CI)	Not estimable
5.5 Livskvalitet (QoL)	0	0	Risk Ratio (M-H, Fixed, 95% CI)	Not estimable
5.6 Operationstid (min.) (Operating time (mins))	1	68	Mean Difference (IV, Fixed, 95% CI)	4.50 [-14.88, 23.88]

## 6 Fokuseret spørgsmål 9 (PICO7). Sutur med eller uden modhager til suturering af vaginaltoppen i forbindelse med total laparoskopisk hysterektomi pga. benign sygdom?

Outcome or Subgroup	Studies	Participants	Statistical Method	Effect Estimate
6.1 Reoperation for vaginaltoppsruptur (Repeat surgery because of vaginal cuff dehiscence)	1	63	Risk Ratio (M-H, Fixed, 95% CI)	0.97 [0.06, 14.82]

6.2 Vaginalopsruptur (min. follow up > 1 mdr.) (Vaginal cuff dehiscence (min. follow up > 1 month))	1	232	Risk Ratio (M-H, Fixed, 95% CI)	0.59 [0.07, 5.19]
6.3 Infektion i vaginaltoppen, follow up: 3 uger (Infection of the vaginal cuff, follow up: 3 weeks) (follow up: 3 weeks)	1	63	Risk Ratio (M-H, Fixed, 95% CI)	0.32 [0.04, 2.94]
6.4 Postoperative infektionskomplikationer (infektioner med kendt fokus) (Postoperative infectious complications (known focus))	2	434	Risk Ratio (M-H, Fixed, 95% CI)	2.85 [0.78, 10.45]
6.5 Seksuel funktion - dyspareuni follow up: 3 mdr. (Sexual function - dyspareunia follow up: 3 months) (follow up: 3 months)	1	22	Risk Ratio (M-H, Fixed, 95% CI)	2.40 [0.25, 22.75]
6.6 Operationstid (min.) (Operating time (mins)) (assessed with: min.)	1	63	Mean Difference (IV, Fixed, 95% CI)	12.50 [-21.68, 46.68]