

Table S1 30-day postoperative complications by route of hysterectomy

| Complications | AH (N=5,585) | LH (N=27,196) | VH (N=5,648) |
|-----------------------|--------------|---------------|--------------|
| Any complication | 578 (10.3%) | 1439 (5.3%) | 386 (6.8%) |
| Blood transfusion | 248 (4.4%) | 168 (<1%) | 97 (1.7%) |
| Superficial SSI | 126 (2.3%) | 245 (<1%) | 21 (<1%) |
| UTI | 87 (1.6%) | 607 (2.2%) | 151 (2.7%) |
| Organ space SSI | 62 (1.1%) | 274 (1.0%) | 86 (1.5%) |
| Deep incisional SSI | 20 (<1%) | 43 (<1%) | 18 (<1%) |
| Wound disruption | 25 (<1%) | 57 (<1%) | 2 (<1%) |
| Pneumonia | 20 (<1%) | 24 (<1%) | 6 (<1%) |
| Pulmonary embolism | 22 (<1%) | 49 (<1%) | 3 (<1%) |
| Sepsis | 35 (<1%) | 78 (<1%) | 25 (<1%) |
| Septic shock | 5 (<1%) | 9 (<1%) | 2 (<1%) |
| Unplanned intubation | 7 (<1%) | 13 (<1%) | 2 (<1%) |
| DVT | 11 (<1%) | 30 (<1%) | 3 (<1%) |
| Myocardial infarction | 3 (<1%) | 0 (<1%) | 0 (<1%) |
| Acute renal failure | 3 (<1%) | 3 (<1%) | 1 (<1%) |
| Renal insufficiency | 1 (<1%) | 8 (<1%) | 1 (<1%) |
| Stroke | 1 (<1%) | 1 (<1%) | 0 (<1%) |
| Cardiac arrest | 2 (<1%) | 2 (<1%) | 0 (<1%) |
| Intubation >48 hours | 4 (<1%) | 0 (<1%) | 0 (<1%) |
| Reoperation | 99 (1.8%) | 323 (1.2%) | 81 (1.4%) |
| Readmission | 222 (4.0%) | 712 (2.6%) | 152 (2.7%) |

AH, abdominal hysterectomy; LH, laparoscopic hysterectomy; VH, vaginal hysterectomy; SSI, surgical site infection; UTI, urinary tract infection; DVT, deep vein thrombosis; NS, nonsignificant.