Supplementary table :

Supplementary table: number of surgical site infection and surgical procedures based on different coding method:

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| Coding method  |
|  | SSI | ICD | Rate | SSI | CPT | Rate | SSI | ICD&CPT | Rate | SSI | ICD or CPT | Rate |
| BRST | 5 | 104 | 4.81 | 24 | 1080 | 2.22 | 3 | 75 | 4.00 | 26 | 1109 | 2.34 |
| CARD | 14 | 364 | 3.85 | 10 | 230 | 4.35 | 10 | 219 | 4.57 | 14 | 375 | 3.73 |
| COLO | 38 | 599 | 6.34 | 37 | 592 | 6.25 | 27 | 429 | 6.29 | 48 | 762 | 6.30 |
| CRAN | 8 | 1628 | 0.49 | 4 | 1137 | 0.35 | 4 | 979 | 0.41 | 8 | 1786 | 0.45 |
| CSEC | 23 | 869 | 2.65 | 3 | 43 | 6.98 | 3 | 41 | 7.32 | 23 | 871 | 2.64 |
| FUSN | 14 | 1071 | 1.31 | 14 | 1044 | 1.34 | 14 | 968 | 1.45 | 14 | 1147 | 1.22 |
| HPRO | 12 | 672 | 1.79 | 14 | 733 | 1.91 | 11 | 638 | 1.72 | 15 | 767 | 1.96 |
| HYST | 8 | 407 | 1.97 | 12 | 1051 | 1.14 | 7 | 315 | 2.22 | 13 | 1143 | 1.14 |
| KPRO | 8 | 672 | 1.19 | 9 | 720 | 1.25 | 8 | 623 | 1.28 | 9 | 769 | 1.17 |
| LAM | 9 | 632 | 1.42 | 4 | 388 | 1.03 | 4 | 166 | 2.41 | 9 | 854 | 1.05 |

Table: Surgical site infection, procedure type and procedure number. The University of Iowa Hospitals & Clinics, 2018–2019. Abbreviations: COLO, colon; HYST, hysterectomy; CSEC, cesarean section; BRST, breast; CARD, cardiac; CRAN, craniotomy; FUSN, spinal fusion; LAM, laminectomy; HPRO, hip prosthesis; KPRO, knee prosthesis; ICD, International Classification of Diseases; CPT, Current procedural Terminology codes