**Supplementary material**

Supplementary Table 1. EC tumor histology and grade data.

|  |  |  |  |
| --- | --- | --- | --- |
| EC histology | All patients | Laparotomy | MIS |
| 8000–8009: unspecified neoplasms | 15 | 3 | 12 |
| 8010–8049: epithelial neoplasms, NOS | 103 | 50 | 53 |
| 8050–8089: squamous cell neoplasms | 29 | 14 | 15 |
| 8120–8139: transitional cell papillomas and carcinomas | 1 | 0 | 1 |
| 8140–8389: adenomas and adenocarcinomas | 22,096 | 6531 | 15,565 |
| 8440–8499: cystic, mucinous and serous neoplasms | 2253 | 859 | 1394 |
| 8560–8579: complex epithelial neoplasms | 246 | 90 | 156 |
| 8800–8809: soft tissue tumors and sarcomas, NOS | 33 | 20 | 13 |
| 8890–8929: myomatous neoplasms | 200 | 160 | 40 |
| 8930–8999: complex mixed and stromal neoplasms | 1418 | 748 | 670 |
| 9060–9099: germ cell neoplasms | 1 | 1 | 0 |
| 9110–9119: mesonephromas | 2 | 0 | 2 |
| miscellaneous tumors | 1 | 1 | 0 |
| EC grade | All patients | Laparotomy | MIS |
|  | Grade I | 8326 | 2195 | 6131 |
| Grade II | 6266 | 2009 | 4257 |
| Grade III | 4403 | 1894 | 2509 |
| Grade IV | 1884 | 804 | 1080 |
| Not determined | 5519 | 1575 | 3944 |

MIS: minimally invasive surgery.

Supplementary Table 2. Type of and receipt of radiation.

|  |  |  |  |
| --- | --- | --- | --- |
| Radiation therapy | All patients | Laparotomy | MIS |
| Missing | 7837 | 2250 | 5587 |
| None | 12,369 | 4079 | 8290 |
| Beam | 1659 | 678 | 981 |
| Implant | 3134 | 855 | 2279 |
| Beam and implant | 939 | 444 | 495 |
| Type unknown | 37 | 15 | 22 |
| Receipt unknown | 423 | 156 | 267 |

MIS: minimally invasive surgery.

DRG Codes and Definitions:

856–858: post-operative or post-traumatic infections with OR procedures with MCC, CC or without MCC/CC.

862–863: post-operative and post-traumatic infections with MCC or without MCC.

919–921: complications of treatment with MCC, CC or without MCC/CC.