Supplementary Table 1. ICD-9 and ICD-10 codes used for main disease and surgeries.

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| Diagnostic categories | ICD-9-CM codes | ICD-10-CM codes |
| Principal diagnosis | Malignant neoplasm of cervix uteri | 180.0 | C53.0 |
| 180.1 | C53.1 |
| 180.8 | C53.8 |
| 180.9 | C53.9 |
| Palliative care | Encounter for palliative care (Hospice) | V66.7 | Z51.5 |
| Advance care planning | Other specified counseling | V65.49 | Z71.89 |
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| Procedure | Type | ICD-9-PCS codes | ICD-10-PCS codes |
| life-sustaining procedures | Intubation | 96.01, 96.02, 96.03, 96.04, 96.05 | 09HN7BZ, 09HN8BZ, 0CHY7BZ, 0CHY8BZ, 0DH57BZ, 0DH58BZ, 0BH17EZ, 0BH18EZ, 0B717DZ, 0B718DZ, 0BH07DZ, 0BH07YZ, 0BH172Z, 0BH17YZ, 0BH182Z, 0BH18YZ, 0BHK7YZ, 0BHK8YZ, 0BHL7YZ, 0BHL8YZ, 0WHQ7YZ |
| Mechanical ventilation | 96.70, 96.71, 96.72 | 5A1935Z, 5A1945Z, 5A1955Z, 5A1935Z, 5A1945Z, 5A1955Z |
| Non-invasive ventilation | 93.90 | 5A09357, 5A09457, 5A09557 |
| Infusion of vasopressor or intravascular pressure measurement | 00.17, 00.67, 00.68, 00.69 | 3E030XZ, 3E033XZ, 3E040XZ, 3E043XZ, 3E050XZ, 3E053XZ, 3E060XZ, 3E063XZ, 4A030BF, 4A033BF, 4A030B1, 4A033B1, 4A040B1, 4A040B3, 4A043B1, 4A043B3, 4A140B1, 4A140B3, 4A143B1, 4A143B3 |
| Enteral or parenteral infusion of concentrated nutrition | 96.6, 99.15 | 0DH67UZ, 0DH68UZ, 3E0G36Z, 3E0336Z, 3E0436Z, 3E0536Z, 3E0636Z |
| Cardiopulmonary resuscitation | 99.60 | 5A12012  |
| Blood transfusion | 99.00, 99.01, 99.02, 99.04, 99.05, 99.06, 99.07, 99.08, 99.09 | 5A12012, 30233H0, 30233N0, 30243H0, 30243N0, 30233H1, 30243H1, 30233H0, 30233N0, 30233W0, 30243H0, 30243N0, 30243W0, 30233N1, 30233P1, 30243N1, 30243P1, 30233R1, 30243R1, 30233T1, 30233V1, 30233W1, 30243T1, 30243V1, 30243W1, 30233J1, 30233K1, 30233L1, 30233M1, 30243J1, 30243K1, 30243L1, 30243M1, 3E033GC, 3E043GC, 3E053GC, 3E063GC, 30233Q1, 30243Q1 |
| Hemodialysis | 39.95 | 395A1D70Z, 5A1D80Z, 5A1D90Z  |

ICD, International Classification of Diseases; CM, Clinical Modification; PCS, procedures.