

| Supplementary Table 1. ICD-10 codes used to define the diagnoses and procedures | |
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| Diagnosis/ Procedure | ICD-10 code |
| Antepartum | O09, O10, O11, O12, O13, O14, O15, O16, O20, O21, O22, O23, O24, O25, O26, O28, O29, O30, O31, O32, O33, O34, O35, O36, O40, O41, O42, O43, O44, O45, O46, O47, O48, Z331, Z333, Z34, Z36, Z3A |
| Labor and delivery | O60, O61, O62, O63, O64, O65, O66, O67, O68, O69, O70, O71, O72, O73, O74, O75, O76, O77, O80, O82, Z37, Z38 |
| Postpartum | O85, O87, O88, O89, O90, O91, O92, Z39 |
| Unclassified pregnancy codes | O94, O98, O99, O9A |
| Non-traumatic subarachnoid hemorrhage | I60.x |
| Traumatic subarachnoid hemorrhage | S06.6x |
| Arteriovenous malformation | Q28.2, Q28.3 |
| Cerebral angiitis | I68.2, I67.7 |
| Neurosurgical clipping | 03VG0CZ, 03VG0DZ, 03VG0ZZ, 03VL0CZ, 03VL0DZ, 03VL0ZZ, 03VK0CZ, 03VK0DZ, 03VK0ZZ, 03VPOCZ, 03VP0DZ, 03VP0ZZ, 03VQ0CZ, 03VQ0DZ, 03VQ0ZZ, 03LG0CZ, 03LG0DZ, 03LG0ZZ, 03LL0CZ, 03LL0DZ, 03LL0ZZ, 03LK0CZ, 03LK0DZ, 03LK0ZZ, 03LP0CZ, 03LP0DZ, 03LP0ZZ, 03LQ0CZ, 03LQ0DZ, 03LQ0ZZ |
| Endovascular coiling | 03VG3DZ, 03VG3ZZ, 03VK3DZ, 03VK3ZZ, 03VL3DZ, 03VL3ZZ, 03VP3DZ, 03VP3ZZ, 03VQ3DZ, 03VQ3ZZ, 03LG3DZ, 03LG3ZZ, 03LK3DZ, 03LK3ZZ, 03LL3DZ, 03LL3ZZ, 03LP3DZ, 03LP3ZZ, 03LQ3DZ, 03LQ3ZZ |
| Coma | R40.2, R40.3 |
| Hydrocephalus | G91.0 G91.1 |
| Intraparenchymal hemorrhage | I61.x |
| Cerebral edema | G93.6 |
| Cerebral herniation | G93.5 |
| Ventriculostomy | 009600Z, 009630Z, 009640Z |
| Ischemic stroke | I63.x, I67.81, I67.82, I67.89 |
| Prolonged intubation | 5A1945Z, 5A1955Z |
| Ventriculostomy | 009600Z, 009630Z, 009640Z |
| Acute kidney injury | N17.x |
| Gastrostomy tube placement | 0DH63UZ, 0DH64UZ |
| Tracheostomy | 0B110F4, 0B113F4 |
| Infectious complications | N300, T8351XA, J13, J14, J15, J16, J17, J18, G00, G01, G03, G04, G05, G06, G07, B95, B96, R7881, T814XXA, K6811, A41, A40, R652 |