



Patient Safety Indicator 12 (PSI 12) Perioperative Pulmonary Embolism or Deep Vein Thrombosis Rate

July 2022

Hospital-Level Indicator

Type of Score: Rate

Prepared by:

Agency for Healthcare Research and Quality

U.S. Department of Health and Human Services

qualityindicators.ahrq.gov

DESCRIPTION

Hospital discharges with perioperative pulmonary embolism or proximal deep vein thrombosis (secondary diagnosis) per 1,000 surgical discharges for patients ages 18 years and older. Excludes discharges with a principal diagnosis of pulmonary embolism or proximal deep vein thrombosis, or with a secondary diagnosis of pulmonary embolism or proximal deep vein thrombosis present on admission; discharges in which interruption of the vena cava or a pulmonary arterial or dialysis access thrombectomy occurs before or on the same day as the first operating room procedure, or is the only operating room procedure; discharges with extracorporeal membrane oxygenation, or with acute brain or spinal injury present on admission; and obstetric discharges.

[NOTE: The software provides the rate per hospital discharge. However, common practice reports the measure as per 1,000 discharges. The user must multiply the rate obtained from the software by 1,000 to report events per 1,000 hospital discharges.]

NUMERATOR

Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with a secondary ICD-10-CM diagnosis code for proximal deep vein thrombosis (**DEEPVIB***) or a secondary ICD-10-CM diagnosis code for pulmonary embolism (**PULMOID***).

DENOMINATOR

Surgical discharges, (**Appendix E: SURGI2R**) for patients ages 18 years and older, with any listed ICD-10-PCS procedure code for an operating room procedure (**Appendix A: ORPROC**). Surgical discharges are defined by specific MS-DRG codes.

[Appendix A - Operating Room Procedure Codes](#)

[Appendix E - Surgical Discharge MS-DRGs](#)

DENOMINATOR EXCLUSIONS

Exclude discharges:

- with a principal ICD-10-CM diagnosis code (or secondary diagnosis present on admission) for proximal deep vein thrombosis (**DEEPVIB***)
- with a principal ICD-10-CM diagnosis code (or secondary diagnosis present on admission) for pulmonary embolism (**PULMOID***)
- where a procedure for interruption of vena cava (**VENACIP***) occurs before or on the same day as the first operating room procedure (**Appendix A: ORPROC**)
- where a procedure for pulmonary arterial or dialysis access thrombectomy (**THROMP***) occurs before or on the same day as the first operating room procedure (**Appendix A: ORPROC**)
- where the only operating room procedure(s) is/are for interruption of vena cava (**VENACIP***) and/or pulmonary arterial or dialysis access thrombectomy (**THROMP***)
- with any listed ICD-10-CM diagnosis code present on admission for acute brain or spinal injury (**NEURTRAD***)
- with any listed ICD-10-PCS procedure code for extracorporeal membrane oxygenation (ECMO) (**ECMOP***)
- MDC 14 (pregnancy, childbirth, and puerperium)
- MDC 15 (newborns and other neonates with conditions originating in perinatal period)
- with an ungroupable DRG (DRG=999)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), or principal diagnosis (DX1=missing)
- with missing MDC (MDC=missing) when the user indicates that MDC is provided

* See below for code list

Proximal deep vein thrombosis diagnosis codes: (DEEPVIB)

| | | | |
|--------|--|--------|---|
| I8010 | Phlebitis and thrombophlebitis of unspecified femoral vein | I82401 | Acute embolism and thrombosis of unspecified deep veins of right lower extremity |
| I8011 | Phlebitis and thrombophlebitis of right femoral vein | I82402 | Acute embolism and thrombosis of unspecified deep veins of left lower extremity |
| I8012 | Phlebitis and thrombophlebitis of left femoral vein | I82403 | Acute embolism and thrombosis of unspecified deep veins of lower extremity, bilateral |
| I8013 | Phlebitis and thrombophlebitis of femoral vein, bilateral | I82409 | Acute embolism and thrombosis of unspecified deep veins of unspecified lower extremity |
| I80201 | Phlebitis and thrombophlebitis of unspecified deep vessels of right lower extremity | I82411 | Acute embolism and thrombosis of right femoral vein |
| I80202 | Phlebitis and thrombophlebitis of unspecified deep vessels of left lower extremity | I82412 | Acute embolism and thrombosis of left femoral vein |
| I80203 | Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities, bilateral | I82413 | Acute embolism and thrombosis of femoral vein, bilateral |
| I80209 | Phlebitis and thrombophlebitis of unspecified deep vessels of unspecified lower extremity | I82419 | Acute embolism and thrombosis of unspecified femoral vein |
| I80211 | Phlebitis and thrombophlebitis of right iliac vein | I82421 | Acute embolism and thrombosis of right iliac vein |
| I80212 | Phlebitis and thrombophlebitis of left iliac vein | I82422 | Acute embolism and thrombosis of left iliac vein |
| I80213 | Phlebitis and thrombophlebitis of iliac vein, bilateral | I82423 | Acute embolism and thrombosis of iliac vein, bilateral |
| I80219 | Phlebitis and thrombophlebitis of unspecified iliac vein | I82429 | Acute embolism and thrombosis of unspecified iliac vein |
| I80221 | Phlebitis and thrombophlebitis of right popliteal vein | I82431 | Acute embolism and thrombosis of right popliteal vein |
| I80222 | Phlebitis and thrombophlebitis of left popliteal vein | I82432 | Acute embolism and thrombosis of left popliteal vein |
| I80223 | Phlebitis and thrombophlebitis of popliteal vein, bilateral | I82433 | Acute embolism and thrombosis of popliteal vein, bilateral |
| I80229 | Phlebitis and thrombophlebitis of unspecified popliteal vein | I82439 | Acute embolism and thrombosis of unspecified popliteal vein |
| I80291 | Phlebitis and thrombophlebitis of other deep vessels of right lower extremity | I824Y1 | Acute embolism and thrombosis of unspecified deep veins of right proximal lower extremity |
| I80292 | Phlebitis and thrombophlebitis of other deep vessels of left lower extremity | I824Y2 | Acute embolism and thrombosis of unspecified deep veins of left proximal lower extremity |

| | | | |
|--------|---|--------|---|
| I80293 | Phlebitis and thrombophlebitis of other deep vessels of lower extremity, bilateral | I824Y3 | Acute embolism and thrombosis of unspecified deep veins of proximal lower extremity, bilateral |
| I80299 | Phlebitis and thrombophlebitis of other deep vessels of unspecified lower extremity | I824Y9 | Acute embolism and thrombosis of unspecified deep veins of unspecified proximal lower extremity |

Pulmonary embolism diagnosis codes: (PULMOID)

| | | | |
|-------|--|-------|--|
| I2602 | Saddle embolus of pulmonary artery with acute cor pulmonale | I2694 | Multiple subsegmental pulmonary emboli without acute cor pulmonale |
| I2609 | Other pulmonary embolism with acute cor pulmonale | I2699 | Other pulmonary embolism without acute cor pulmonale |
| I2692 | Saddle embolus of pulmonary artery without acute cor pulmonale | | |

Interruption of vena cava procedure codes: (VENACIP)

| | | | |
|---------|--|---------|--|
| 06H00DZ | Insertion of intraluminal device into inferior vena cava, open approach | 06L04ZZ | Occlusion of inferior vena cava, percutaneous endoscopic approach |
| 06H03DZ | Insertion of intraluminal device into inferior vena cava, percutaneous approach | 06V00CZ | Restriction of inferior vena cava with extraluminal device, open approach |
| 06H04DZ | Insertion of intraluminal device into inferior vena cava, percutaneous endoscopic approach | 06V00DZ | Restriction of inferior vena cava with intraluminal device, open approach |
| 06L00CZ | Occlusion of inferior vena cava with extraluminal device, open approach | 06V00ZZ | Restriction of inferior vena cava, open approach |
| 06L00DZ | Occlusion of inferior vena cava with intraluminal device, open approach | 06V03CZ | Restriction of inferior vena cava with extraluminal device, percutaneous approach |
| 06L00ZZ | Occlusion of inferior vena cava, open approach | 06V03DZ | Restriction of inferior vena cava with intraluminal device, percutaneous approach |
| 06L03CZ | Occlusion of inferior vena cava with extraluminal device, percutaneous approach | 06V03ZZ | Restriction of inferior vena cava, percutaneous approach |
| 06L03DZ | Occlusion of inferior vena cava with intraluminal device, percutaneous approach | 06V04CZ | Restriction of inferior vena cava with extraluminal device, percutaneous endoscopic approach |
| 06L03ZZ | Occlusion of inferior vena cava, percutaneous approach | 06V04DZ | Restriction of inferior vena cava with intraluminal device, percutaneous endoscopic approach |
| 06L04CZ | Occlusion of inferior vena cava with extraluminal device, percutaneous endoscopic approach | 06V04ZZ | Restriction of inferior vena cava, percutaneous endoscopic approach |
| 06L04DZ | Occlusion of inferior vena cava with intraluminal device, percutaneous endoscopic approach | | |

Pulmonary arterial or dialysis access thrombectomy procedure codes: (THROMP)

| | | | |
|---------|---|---------|--|
| 02CP0ZZ | Extirpation of matter from pulmonary trunk, open approach | 05CD0ZZ | Extirpation of matter from right cephalic vein, open approach |
| 02CP3ZZ | Extirpation of matter from pulmonary trunk, percutaneous approach | 05CD3ZZ | Extirpation of matter from right cephalic vein, percutaneous approach |
| 02CP4ZZ | Extirpation of matter from pulmonary trunk, percutaneous endoscopic approach | 05CD4ZZ | Extirpation of matter from right cephalic vein, percutaneous endoscopic approach |
| 02CQ0ZZ | Extirpation of matter from right pulmonary artery, open approach | 05CF0ZZ | Extirpation of matter from left cephalic vein, open approach |
| 02CQ3ZZ | Extirpation of matter from right pulmonary artery, percutaneous approach | 05CF3ZZ | Extirpation of matter from left cephalic vein, percutaneous approach |
| 02CQ4ZZ | Extirpation of matter from right pulmonary artery, percutaneous endoscopic approach | 05CF4ZZ | Extirpation of matter from left cephalic vein, percutaneous endoscopic approach |
| 02CR0ZZ | Extirpation of matter from left pulmonary artery, open approach | 05CY0ZZ | Extirpation of matter from upper vein, open approach |
| 02CR3ZZ | Extirpation of matter from left pulmonary artery, percutaneous approach | 05CY3ZZ | Extirpation of matter from upper vein, percutaneous approach |
| 02CR4ZZ | Extirpation of matter from left pulmonary artery, percutaneous endoscopic approach | 05CY4ZZ | Extirpation of matter from upper vein, percutaneous endoscopic approach |
| 02FP3Z0 | Fragmentation of pulmonary trunk, percutaneous approach, ultrasonic | 05WY07Z | Revision of autologous tissue substitute in upper vein, open approach |
| 02FQ3Z0 | Fragmentation of right pulmonary artery, percutaneous approach, ultrasonic | 05WY0JZ | Revision of synthetic substitute in upper vein, open approach |
| 02FR3Z0 | Fragmentation of left pulmonary artery, percutaneous approach, ultrasonic | 05WY0KZ | Revision of nonautologous tissue substitute in upper vein, open approach |
| 03C50ZZ | Extirpation of matter from right axillary artery, open approach | 05WY37Z | Revision of autologous tissue substitute in upper vein, percutaneous approach |
| 03C53ZZ | Extirpation of matter from right axillary artery, percutaneous approach | 05WY3JZ | Revision of synthetic substitute in upper vein, percutaneous approach |
| 03C54ZZ | Extirpation of matter from right axillary artery, percutaneous endoscopic approach | 05WY3KZ | Revision of nonautologous tissue substitute in upper vein, percutaneous approach |
| 03C60ZZ | Extirpation of matter from left axillary artery, open approach | 05WY47Z | Revision of autologous tissue substitute in upper vein, percutaneous endoscopic approach |
| 03C63ZZ | Extirpation of matter from left axillary artery, percutaneous approach | 05WY4JZ | Revision of synthetic substitute in upper vein, percutaneous endoscopic approach |

| | | | |
|---------|--|---------|---|
| 03C64ZZ | Extirpation of matter from left axillary artery, percutaneous endoscopic approach | 05WY4KZ | Revision of nonautologous tissue substitute in upper vein, percutaneous endoscopic approach |
| 03C70ZZ | Extirpation of matter from right brachial artery, open approach | 06C00ZZ | Extirpation of matter from inferior vena cava, open approach |
| 03C73ZZ | Extirpation of matter from right brachial artery, percutaneous approach | 06C03ZZ | Extirpation of matter from inferior vena cava, percutaneous approach |
| 03C74ZZ | Extirpation of matter from right brachial artery, percutaneous endoscopic approach | 06C04ZZ | Extirpation of matter from inferior vena cava, percutaneous endoscopic approach |
| 03C80ZZ | Extirpation of matter from left brachial artery, open approach | 06CC0ZZ | Extirpation of matter from right common iliac vein, open approach |
| 03C83ZZ | Extirpation of matter from left brachial artery, percutaneous approach | 06CC3ZZ | Extirpation of matter from right common iliac vein, percutaneous approach |
| 03C84ZZ | Extirpation of matter from left brachial artery, percutaneous endoscopic approach | 06CC4ZZ | Extirpation of matter from right common iliac vein, percutaneous endoscopic approach |
| 03C90ZZ | Extirpation of matter from right ulnar artery, open approach | 06CD0ZZ | Extirpation of matter from left common iliac vein, open approach |
| 03C93ZZ | Extirpation of matter from right ulnar artery, percutaneous approach | 06CD3ZZ | Extirpation of matter from left common iliac vein, percutaneous approach |
| 03C94ZZ | Extirpation of matter from right ulnar artery, percutaneous endoscopic approach | 06CD4ZZ | Extirpation of matter from left common iliac vein, percutaneous endoscopic approach |
| 03CA0ZZ | Extirpation of matter from left ulnar artery, open approach | 06CF0ZZ | Extirpation of matter from right external iliac vein, open approach |
| 03CA3ZZ | Extirpation of matter from left ulnar artery, percutaneous approach | 06CF3ZZ | Extirpation of matter from right external iliac vein, percutaneous approach |
| 03CA4ZZ | Extirpation of matter from left ulnar artery, percutaneous endoscopic approach | 06CF4ZZ | Extirpation of matter from right external iliac vein, percutaneous endoscopic approach |
| 03CB0ZZ | Extirpation of matter from right radial artery, open approach | 06CG0ZZ | Extirpation of matter from left external iliac vein, open approach |
| 03CB3ZZ | Extirpation of matter from right radial artery, percutaneous approach | 06CG3ZZ | Extirpation of matter from left external iliac vein, percutaneous approach |
| 03CB4ZZ | Extirpation of matter from right radial artery, percutaneous endoscopic approach | 06CG4ZZ | Extirpation of matter from left external iliac vein, percutaneous endoscopic approach |
| 03CC0ZZ | Extirpation of matter from left radial artery, open approach | 06CM0ZZ | Extirpation of matter from right femoral vein, open approach |
| 03CC3ZZ | Extirpation of matter from left radial artery, percutaneous approach | 06CM3ZZ | Extirpation of matter from right femoral vein, percutaneous approach |

| | | | |
|---------|---|---------|---|
| 03CC4ZZ | Extirpation of matter from left radial artery, percutaneous endoscopic approach | 06CM4ZZ | Extirpation of matter from right femoral vein, percutaneous endoscopic approach |
| 03WY07Z | Revision of autologous tissue substitute in upper artery, open approach | 06CN0ZZ | Extirpation of matter from left femoral vein, open approach |
| 03WY0JZ | Revision of synthetic substitute in upper artery, open approach | 06CN3ZZ | Extirpation of matter from left femoral vein, percutaneous approach |
| 03WY0KZ | Revision of nonautologous tissue substitute in upper artery, open approach | 06CN4ZZ | Extirpation of matter from left femoral vein, percutaneous endoscopic approach |
| 03WY37Z | Revision of autologous tissue substitute in upper artery, percutaneous approach | 06CY0ZZ | Extirpation of matter from lower vein, open approach |
| 03WY3JZ | Revision of synthetic substitute in upper artery, percutaneous approach | 06CY3ZZ | Extirpation of matter from lower vein, percutaneous approach |
| 03WY3KZ | Revision of nonautologous tissue substitute in upper artery, percutaneous approach | 06CY4ZZ | Extirpation of matter from lower vein, percutaneous endoscopic approach |
| 03WY47Z | Revision of autologous tissue substitute in upper artery, percutaneous endoscopic approach | 06WY07Z | Revision of autologous tissue substitute in lower vein, open approach |
| 03WY4JZ | Revision of synthetic substitute in upper artery, percutaneous endoscopic approach | 06WY0JZ | Revision of synthetic substitute in lower vein, open approach |
| 03WY4KZ | Revision of nonautologous tissue substitute in upper artery, percutaneous endoscopic approach | 06WY0KZ | Revision of nonautologous tissue substitute in lower vein, open approach |
| 05C70ZZ | Extirpation of matter from right axillary vein, open approach | 06WY37Z | Revision of autologous tissue substitute in lower vein, percutaneous approach |
| 05C73ZZ | Extirpation of matter from right axillary vein, percutaneous approach | 06WY3JZ | Revision of synthetic substitute in lower vein, percutaneous approach |
| 05C74ZZ | Extirpation of matter from right axillary vein, percutaneous endoscopic approach | 06WY3KZ | Revision of nonautologous tissue substitute in lower vein, percutaneous approach |
| 05C80ZZ | Extirpation of matter from left axillary vein, open approach | 06WY47Z | Revision of autologous tissue substitute in lower vein, percutaneous endoscopic approach |
| 05C83ZZ | Extirpation of matter from left axillary vein, percutaneous approach | 06WY4JZ | Revision of synthetic substitute in lower vein, percutaneous endoscopic approach |
| 05C84ZZ | Extirpation of matter from left axillary vein, percutaneous endoscopic approach | 06WY4KZ | Revision of nonautologous tissue substitute in lower vein, percutaneous endoscopic approach |
| 05C90ZZ | Extirpation of matter from right brachial vein, open approach | 3E03017 | Introduction of other thrombolytic into peripheral vein, open approach |

| | | | |
|---------|--|---------|---|
| 05C93ZZ | Extirpation of matter from right brachial vein, percutaneous approach | 3E03317 | Introduction of other thrombolytic into peripheral vein, percutaneous approach |
| 05C94ZZ | Extirpation of matter from right brachial vein, percutaneous endoscopic approach | 3E04017 | Introduction of other thrombolytic into central vein, open approach |
| 05CA0ZZ | Extirpation of matter from left brachial vein, open approach | 3E04317 | Introduction of other thrombolytic into central vein, percutaneous approach |
| 05CA3ZZ | Extirpation of matter from left brachial vein, percutaneous approach | 3E06017 | Introduction of other thrombolytic into central artery, open approach |
| 05CA4ZZ | Extirpation of matter from left brachial vein, percutaneous endoscopic approach | 3E06317 | Introduction of other thrombolytic into central artery, percutaneous approach |
| 05CB0ZZ | Extirpation of matter from right basilic vein, open approach | X2CQ3T7 | Extirpation of matter from right upper extremity vein using computer-aided mechanical aspiration, percutaneous approach, new technology group 7 |
| 05CB3ZZ | Extirpation of matter from right basilic vein, percutaneous approach | X2CR3T7 | Extirpation of matter from left upper extremity vein using computer-aided mechanical aspiration, percutaneous approach, new technology group 7 |
| 05CB4ZZ | Extirpation of matter from right basilic vein, percutaneous endoscopic approach | X2CU3T7 | Extirpation of matter from right lower extremity vein using computer-aided mechanical aspiration, percutaneous approach, new technology group 7 |
| 05CC0ZZ | Extirpation of matter from left basilic vein, open approach | X2CV3T7 | Extirpation of matter from left lower extremity vein using computer-aided mechanical aspiration, percutaneous approach, new technology group 7 |
| 05CC3ZZ | Extirpation of matter from left basilic vein, percutaneous approach | X2CY3T7 | Extirpation of matter from great vessel using computer-aided mechanical aspiration, percutaneous approach, new technology group 7 |
| 05CC4ZZ | Extirpation of matter from left basilic vein, percutaneous endoscopic approach | | |

Acute brain or spinal injury diagnosis codes: (NEURTRAD)

| | | | |
|-------|---|---------|---|
| G9731 | Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating a nervous system procedure | S064X9A | Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter |
| G9732 | Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating other procedure | S065X0A | Traumatic subdural hemorrhage without loss of consciousness, initial encounter |
| I6000 | Nontraumatic subarachnoid hemorrhage from unspecified carotid siphon and bifurcation | S065X1A | Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter |
| I6001 | Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation | S065X2A | Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter |
| I6002 | Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation | S065X3A | Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter |
| I6010 | Nontraumatic subarachnoid hemorrhage from unspecified middle cerebral artery | S065X4A | Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter |
| I6011 | Nontraumatic subarachnoid hemorrhage from right middle cerebral artery | S065X5A | Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter |
| I6012 | Nontraumatic subarachnoid hemorrhage from left middle cerebral artery | S065X6A | Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| I602 | Nontraumatic subarachnoid hemorrhage from anterior communicating artery | S065X7A | Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter |
| I6020 | Nontraumatic subarachnoid hemorrhage from unspecified anterior communicating artery | S065X8A | Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter |
| I6021 | Nontraumatic subarachnoid hemorrhage from right anterior communicating artery | S065X9A | Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter |
| I6022 | Nontraumatic subarachnoid hemorrhage from left anterior communicating artery | S066X0A | Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter |

| | | | |
|-------|--|---------|---|
| I6030 | Nontraumatic subarachnoid hemorrhage from unspecified posterior communicating artery | S066X1A | Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter |
| I6031 | Nontraumatic subarachnoid hemorrhage from right posterior communicating artery | S066X2A | Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter |
| I6032 | Nontraumatic subarachnoid hemorrhage from left posterior communicating artery | S066X3A | Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter |
| I604 | Nontraumatic subarachnoid hemorrhage from basilar artery | S066X4A | Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter |
| I6050 | Nontraumatic subarachnoid hemorrhage from unspecified vertebral artery | S066X5A | Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter |
| I6051 | Nontraumatic subarachnoid hemorrhage from right vertebral artery | S066X6A | Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| I6052 | Nontraumatic subarachnoid hemorrhage from left vertebral artery | S066X7A | Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter |
| I606 | Nontraumatic subarachnoid hemorrhage from other intracranial arteries | S066X8A | Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter |
| I607 | Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery | S066X9A | Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter |
| I608 | Other nontraumatic subarachnoid hemorrhage | S06810A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter |
| I609 | Nontraumatic subarachnoid hemorrhage, unspecified | S06811A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter |

| | | | |
|------|--|---------|---|
| I610 | Nontraumatic intracerebral hemorrhage in hemisphere, subcortical | S06812A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter |
| I611 | Nontraumatic intracerebral hemorrhage in hemisphere, cortical | S06813A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter |
| I612 | Nontraumatic intracerebral hemorrhage in hemisphere, unspecified | S06814A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter |
| I613 | Nontraumatic intracerebral hemorrhage in brain stem | S06815A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter |
| I614 | Nontraumatic intracerebral hemorrhage in cerebellum | S06816A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| I615 | Nontraumatic intracerebral hemorrhage, intraventricular | S06817A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter |
| I616 | Nontraumatic intracerebral hemorrhage, multiple localized | S06818A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter |
| I618 | Other nontraumatic intracerebral hemorrhage | S06819A | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter |
| I619 | Nontraumatic intracerebral hemorrhage, unspecified | S06820A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter |

| | | | |
|---------|--|---------|--|
| I6200 | Nontraumatic subdural hemorrhage, unspecified | S06821A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter |
| I6201 | Nontraumatic acute subdural hemorrhage | S06822A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter |
| I6202 | Nontraumatic subacute subdural hemorrhage | S06823A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter |
| I6203 | Nontraumatic chronic subdural hemorrhage | S06824A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter |
| I621 | Nontraumatic extradural hemorrhage | S06825A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter |
| I629 | Nontraumatic intracranial hemorrhage, unspecified | S06826A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| S061X0A | Traumatic cerebral edema without loss of consciousness, initial encounter | S06827A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter |
| S061X1A | Traumatic cerebral edema with loss of consciousness of 30 minutes or less, initial encounter | S06828A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter |
| S061X2A | Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S06829A | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter |

| | | | |
|---------|--|---------|---|
| S061X3A | Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter | S06890A | Other specified intracranial injury without loss of consciousness, initial encounter |
| S061X4A | Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, initial encounter | S06891A | Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter |
| S061X5A | Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S06892A | Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter |
| S061X6A | Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S06893A | Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter |
| S061X7A | Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S06894A | Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter |
| S061X8A | Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S06895A | Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter |
| S061X9A | Traumatic cerebral edema with loss of consciousness of unspecified duration, initial encounter | S06896A | Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| S062X0A | Diffuse traumatic brain injury without loss of consciousness, initial encounter | S06897A | Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter |
| S062X1A | Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter | S06898A | Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter |
| S062X2A | Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S06899A | Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter |
| S062X3A | Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter | S06A0XA | Traumatic brain compression without herniation, initial encounter |

| | | | |
|---------|--|---------|--|
| S062X4A | Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter | S06A1XA | Traumatic brain compression with herniation, initial encounter |
| S062X5A | Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, initial encounter | S140XXA | Concussion and edema of cervical spinal cord, initial encounter |
| S062X6A | Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S14101A | Unspecified injury at C1 level of cervical spinal cord, initial encounter |
| S062X7A | Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S14102A | Unspecified injury at C2 level of cervical spinal cord, initial encounter |
| S062X8A | Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S14103A | Unspecified injury at c3 level of cervical spinal cord, initial encounter |
| S062X9A | Diffuse traumatic brain injury with loss of consciousness of unspecified duration, initial encounter | S14104A | Unspecified injury at c4 level of cervical spinal cord, initial encounter |
| S06300A | Unspecified focal traumatic brain injury without loss of consciousness, initial encounter | S14105A | Unspecified injury at c5 level of cervical spinal cord, initial encounter |
| S06301A | Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter | S14106A | Unspecified injury at c6 level of cervical spinal cord, initial encounter |
| S06302A | Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S14107A | Unspecified injury at c7 level of cervical spinal cord, initial encounter |
| S06303A | Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter | S14108A | Unspecified injury at c8 level of cervical spinal cord, initial encounter |
| S06304A | Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter | S14109A | Unspecified injury at unspecified level of cervical spinal cord, initial encounter |
| S06305A | Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S14111A | Complete lesion at C1 level of cervical spinal cord, initial encounter |

| | | | |
|---------|--|---------|---|
| S06306A | Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S14112A | Complete lesion at C2 level of cervical spinal cord, initial encounter |
| S06307A | Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S14113A | Complete lesion at c3 level of cervical spinal cord, initial encounter |
| S06308A | Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S14114A | Complete lesion at c4 level of cervical spinal cord, initial encounter |
| S06309A | Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, initial encounter | S14115A | Complete lesion at c5 level of cervical spinal cord, initial encounter |
| S06310A | Contusion and laceration of right cerebrum without loss of consciousness, initial encounter | S14116A | Complete lesion at c6 level of cervical spinal cord, initial encounter |
| S06311A | Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter | S14117A | Complete lesion at c7 level of cervical spinal cord, initial encounter |
| S06312A | Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S14118A | Complete lesion at c8 level of cervical spinal cord, initial encounter |
| S06313A | Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter | S14119A | Complete lesion at unspecified level of cervical spinal cord, initial encounter |
| S06314A | Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter | S14121A | Central cord syndrome at C1 level of cervical spinal cord, initial encounter |
| S06315A | Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S14122A | Central cord syndrome at C2 level of cervical spinal cord, initial encounter |
| S06316A | Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S14123A | Central cord syndrome at c3 level of cervical spinal cord, initial encounter |

| | | | |
|---------|---|---------|---|
| S06317A | Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S14124A | Central cord syndrome at c4 level of cervical spinal cord, initial encounter |
| S06318A | Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S14125A | Central cord syndrome at c5 level of cervical spinal cord, initial encounter |
| S06319A | Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, initial encounter | S14126A | Central cord syndrome at c6 level of cervical spinal cord, initial encounter |
| S06320A | Contusion and laceration of left cerebrum without loss of consciousness, initial encounter | S14127A | Central cord syndrome at c7 level of cervical spinal cord, initial encounter |
| S06321A | Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter | S14128A | Central cord syndrome at c8 level of cervical spinal cord, initial encounter |
| S06322A | Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S14129A | Central cord syndrome at unspecified level of cervical spinal cord, initial encounter |
| S06323A | Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter | S14131A | Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter |
| S06324A | Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter | S14132A | Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter |
| S06325A | Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S14133A | Anterior cord syndrome at c3 level of cervical spinal cord, initial encounter |
| S06326A | Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S14134A | Anterior cord syndrome at c4 level of cervical spinal cord, initial encounter |
| S06327A | Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S14135A | Anterior cord syndrome at c5 level of cervical spinal cord, initial encounter |

| | | | |
|---------|--|---------|--|
| S06328A | Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S14136A | Anterior cord syndrome at c6 level of cervical spinal cord, initial encounter |
| S06329A | Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, initial encounter | S14137A | Anterior cord syndrome at c7 level of cervical spinal cord, initial encounter |
| S06330A | Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter | S14138A | Anterior cord syndrome at c8 level of cervical spinal cord, initial encounter |
| S06331A | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter | S14139A | Anterior cord syndrome at unspecified level of cervical spinal cord, initial encounter |
| S06332A | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S14141A | Brown-Sequard syndrome at C1 level of cervical spinal cord, initial encounter |
| S06333A | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter | S14142A | Brown-Sequard syndrome at C2 level of cervical spinal cord, initial encounter |
| S06334A | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter | S14143A | Brown-Sequard syndrome at c3 level of cervical spinal cord, initial encounter |
| S06335A | Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S14144A | Brown-Sequard syndrome at c4 level of cervical spinal cord, initial encounter |
| S06336A | Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S14145A | Brown-Sequard syndrome at c5 level of cervical spinal cord, initial encounter |
| S06337A | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S14146A | Brown-Sequard syndrome at c6 level of cervical spinal cord, initial encounter |

| | | | |
|---------|--|---------|--|
| S06338A | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S14147A | Brown-Sequard syndrome at c7 level of cervical spinal cord, initial encounter |
| S06339A | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter | S14148A | Brown-Sequard syndrome at c8 level of cervical spinal cord, initial encounter |
| S06340A | Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter | S14149A | Brown-Sequard syndrome at unspecified level of cervical spinal cord, initial encounter |
| S06341A | Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter | S14151A | Other incomplete lesion at C1 level of cervical spinal cord, initial encounter |
| S06342A | Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S14152A | Other incomplete lesion at C2 level of cervical spinal cord, initial encounter |
| S06343A | Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter | S14153A | Other incomplete lesion at c3 level of cervical spinal cord, initial encounter |
| S06344A | Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter | S14154A | Other incomplete lesion at c4 level of cervical spinal cord, initial encounter |
| S06345A | Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S14155A | Other incomplete lesion at c5 level of cervical spinal cord, initial encounter |
| S06346A | Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S14156A | Other incomplete lesion at c6 level of cervical spinal cord, initial encounter |
| S06347A | Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S14157A | Other incomplete lesion at c7 level of cervical spinal cord, initial encounter |
| S06348A | Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S14158A | Other incomplete lesion at c8 level of cervical spinal cord, initial encounter |

| | | | |
|---------|---|---------|---|
| S06349A | Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter | S14159A | Other incomplete lesion at unspecified level of cervical spinal cord, initial encounter |
| S06350A | Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter | S240XXA | Concussion and edema of thoracic spinal cord, initial encounter |
| S06351A | Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter | S24101A | Unspecified injury at T1 level of thoracic spinal cord, initial encounter |
| S06352A | Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S24102A | Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter |
| S06353A | Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter | S24103A | Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter |
| S06354A | Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter | S24104A | Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter |
| S06355A | Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S24111A | Complete lesion at T1 level of thoracic spinal cord, initial encounter |
| S06356A | Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S24112A | Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter |
| S06357A | Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S24113A | Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter |
| S06358A | Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S24114A | Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter |
| S06359A | Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter | S24119A | Complete lesion at unspecified level of thoracic spinal cord, initial encounter |

| | | | |
|---------|--|---------|--|
| S06360A | Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter | S24131A | Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter |
| S06361A | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter | S24132A | Anterior cord syndrome at T2-T6 level of thoracic spinal cord, initial encounter |
| S06362A | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S24133A | Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter |
| S06363A | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter | S24134A | Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter |
| S06364A | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter | S24139A | Anterior cord syndrome at unspecified level of thoracic spinal cord, initial encounter |
| S06365A | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S24141A | Brown-Sequard syndrome at T1 level of thoracic spinal cord, initial encounter |
| S06366A | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S24142A | Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord, initial encounter |
| S06367A | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S24143A | Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord, initial encounter |
| S06368A | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S24144A | Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, initial encounter |
| S06369A | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter | S24149A | Brown-Sequard syndrome at unspecified level of thoracic spinal cord, initial encounter |

| | | | |
|---------|---|---------|---|
| S06370A | Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter | S24151A | Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter |
| S06371A | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter | S24152A | Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter |
| S06372A | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S24153A | Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter |
| S06373A | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter | S24154A | Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter |
| S06374A | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter | S24159A | Other incomplete lesion at unspecified level of thoracic spinal cord, initial encounter |
| S06375A | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S3401XA | Concussion and edema of lumbar spinal cord, initial encounter |
| S06376A | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S3402XA | Concussion and edema of sacral spinal cord, initial encounter |
| S06377A | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S34101A | Unspecified injury to L1 level of lumbar spinal cord, initial encounter |
| S06378A | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S34102A | Unspecified injury to L2 level of lumbar spinal cord, initial encounter |
| S06379A | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter | S34103A | Unspecified injury to L3 level of lumbar spinal cord, initial encounter |

| | | | |
|---------|--|---------|--|
| S06380A | Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter | S34104A | Unspecified injury to L4 level of lumbar spinal cord, initial encounter |
| S06381A | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter | S34105A | Unspecified injury to L5 level of lumbar spinal cord, initial encounter |
| S06382A | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S34109A | Unspecified injury to unspecified level of lumbar spinal cord, initial encounter |
| S06383A | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter | S34111A | Complete lesion of L1 level of lumbar spinal cord, initial encounter |
| S06384A | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter | S34112A | Complete lesion of L2 level of lumbar spinal cord, initial encounter |
| S06385A | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S34113A | Complete lesion of L3 level of lumbar spinal cord, initial encounter |
| S06386A | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S34114A | Complete lesion of L4 level of lumbar spinal cord, initial encounter |
| S06387A | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S34115A | Complete lesion of L5 level of lumbar spinal cord, initial encounter |
| S06388A | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter | S34119A | Complete lesion of unspecified level of lumbar spinal cord, initial encounter |
| S06389A | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter | S34121A | Incomplete lesion of L1 level of lumbar spinal cord, initial encounter |
| S064X0A | Epidural hemorrhage without loss of consciousness, initial encounter | S34122A | Incomplete lesion of L2 level of lumbar spinal cord, initial encounter |

| | | | |
|---------|---|---------|---|
| S064X1A | Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter | S34123A | Incomplete lesion of L3 level of lumbar spinal cord, initial encounter |
| S064X2A | Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter | S34124A | Incomplete lesion of L4 level of lumbar spinal cord, initial encounter |
| S064X3A | Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter | S34125A | Incomplete lesion of L5 level of lumbar spinal cord, initial encounter |
| S064X4A | Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter | S34129A | Incomplete lesion of unspecified level of lumbar spinal cord, initial encounter |
| S064X5A | Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter | S34131A | Complete lesion of sacral spinal cord, initial encounter |
| S064X6A | Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter | S34132A | Incomplete lesion of sacral spinal cord, initial encounter |
| S064X7A | Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter | S34139A | Unspecified injury to sacral spinal cord, initial encounter |
| S064X8A | Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter | S343XXA | Injury of cauda equina, initial encounter |

Extracorporeal membrane oxygenation (ECMO) procedure codes: (ECMOP)

| | | | |
|---------|--|---------|--|
| 5A15223 | Extracorporeal membrane oxygenation, continuous | 5A15A2F | Extracorporeal oxygenation, membrane, central, intraoperative |
| 5A1522F | Extracorporeal oxygenation, membrane, central | 5A15A2G | Extracorporeal oxygenation, membrane, peripheral veno-arterial, intraoperative |
| 5A1522G | Extracorporeal oxygenation, membrane, peripheral veno-arterial | 5A15A2H | Extracorporeal oxygenation, membrane, peripheral veno-venous, intraoperative |
| 5A1522H | Extracorporeal oxygenation, membrane, peripheral veno-venous | | |