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| **eTable 1. *ICD-9-CM* codes used to identify bleeding complications, acute kidney injury and hyperkalemia during hospitalization** | |
| *ICD-9-CM* Code | Shortened Description |
| **Bleeding Complications** |  |
| 423.00 | hemopericardium |
| 430.00 | Subarachnoid hemorrhage |
| 431.00 | Intracerebral hemorrhage |
| 432.00 | Nontraum extradural hem |
| 432.1 | Subdural hemorrhage |
| 432.9 | Intracranial hemorr NOS |
| 455.20 | Int hemrrhoid w comp nec |
| 455.50 | Ext hemrrhoid w comp nec |
| 455.80 | Hemrrhoid NOS w comp nec |
| 459.00 | Hemorrhage NOS |
| 456.00 | Esophag varices w bleed |
| 456.20 | Esoph varices in oth dis |
| 530.70 | Mallory-weiss syndrome |
| 530.80 | Esophageal disorder nec |
| 531.00 | Ac stomach ulcer w hem |
| 531.01 | Ac stomach ulcer w hem-obst |
| 531.20 | ac stomach ulc w hem/perf |
| 531.21 | ac stomach ulc w hem/perf-obst |
| 531.40 | chr stomach ulc w hem |
| 531.41 | chr stomach ulc w hem-obst |
| 531.60 | chr stomach ulc hem/perf |
| 531.61 | chr stomach ulc hem/perf-obst |
| 532.00 | ac duodenal ulcer w hem |
| 532.01 | ac duodenal ulcer w hem-obst |
| 532.20 | ac duodenal ulc w hem/perf |
| 532.21 | ac duodenal ulc w hem/perf-obst |
| 532.40 | chr duoden ulcer w hem |
| 532.41 | chr duoden ulcer w hem-obst |
| 532.60 | chr duoden ulc w hem/perf |
| 532.61 | chr duoden ulc w hem/perf-obst |
| 533.00 | ac peptic ulc w hemorr |
| 533.01 | ac peptic ulc w hemorr-obst |
| 533.20 | ac peptic ulc w hem/perf |
| 533.21 | ac peptic ulc w hem/perf-obst |
| 533.40 | chr peptic ulcer w hem |
| 533.41 | chr peptic ulcer w hem-obst |
| 533.60 | chr peptic lc w hem/perf |
| 533.61 | chr peptic lc w hem/perf-obst |
| 534.00 | ac marginal ulcer w hem |
| 534.01 | ac marginal ulcer w hem-obst |
| 534.20 | ac margin ulc w hem/perf |
| 534.21 | ac margin ulc w hem/perf-obst |
| 534.40 | chr marginal ulcer w hem |
| 534.41 | chr marginal ulcer w hem-obst |
| **Appendix. *ICD-9-CM* codes used to identify bleeding complications, acute kidney injury and hyperkalemia during hospitalization (continued)** | |
| *ICD-9-CM* Code | Shortened Description |
| 534.60 | chr marg ulc w hem/perf |
| 534.61 | chr marg ulc w hem/perf-obst |
| 535.01 | acute gastritis with hemorrhage |
| 535.11 | Atrophic gastritis with hemorrhage |
| 535.21 | gastr mucosoal hypertroph with hemorrhage |
| 535.31 | alcoholic gastritis with hemorrhage |
| 535.41 | gastritis nec with hemorrhage |
| 535.51 | gastritis/duodenitis NOS with hemorrhage |
| 535.61 | duodenitis with hemorrhage |
| 537.80 | gastroduodenal dis nec |
| 562.02 | diverticula sm intestine w hemorrhage |
| 562.03 | diverticulitis sm intestine w hemorrhage |
| 562.12 | diverticula of colon w hemorrhage |
| 562.13 | diverticulitis of colon w hemorrhage |
| 568.81 | Hemoperitoneum |
| 569.30 | rectal and anal hemorrhage |
| 569.85 | angiodysplasia with hem nec |
| 578.00 | Hematemesis |
| 578.10 | blood in stool |
| 578.90 | Gastrointest hemorr NOS |
| 593.81 | renalvascular disorder |
| 599.70 | Hematuria |
| 623.80 | noninflam dis vagina nec |
| 626.20 | excessive menstruation |
| 626.60 | Metrorrhagia |
| 719.10 | hemarthrosis-unspec |
| 719.11 | hemarthrosis-shoulder |
| 719.12 | hemarthrosis-up/arm |
| 719.13 | hemarthrosis-forearm |
| 719.14 | hemarthrosis-hand |
| 719.15 | hemarthrosis-pelvis |
| 719.16 | hemarthrosis-l/leg |
| 719.17 | hemarthrosis-ankle |
| 719.18 | hemarthrosis-jt, nec |
| 784.70 | Epistaxis |
| 784.80 | Hemorrhage from throat |
| 786.30 | Hemoptysis |
|  |  |
| **Acute Kidney Injury** |  |
| 584.5 | TUBULAR |
| 584.6 | CORTICAL |
| 584.7 | MEDULLARY |
| 584.8 | SPECIFIED PATHOLOGY NEC |
| 584.9 | ACUTE KIDNEY INJURY |
|  |  |
| **Appendix. *ICD-9-CM* codes used to identify bleeding complications, acute kidney injury and hyperkalemia during hospitalization (continued)** | |
| *ICD-9-CM* Code | Shortened Description |
| Hyperkalemia |  |
| 276.7 | HYPERKALEMIA |