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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 |