Postoperative Hemorrhage or Hematoma Rate

Patient Safety Indicators #9
Technical Specifications
Provider-Level Indicator
AHRQ Quality Indicators, Version 4.3, August 2011

Numerator

Discharges among cases meeting the inclusion and exclusion rules for the denominator with the following:
- ICD-9-CM code for postoperative hemorrhage or postoperative hematoma in any secondary diagnosis field

- ICD-9-CM code for postoperative control of hemorrhage or for drainage of hematoma procedure code

ICD-9-CM Postoperative hemorrhage diagnosis code:
99811 HEMORRHAGE COMPLICATING A PROCEDURE

ICD-9-CM Postoperative hematoma diagnosis code:
99812 HEMATOMA COMPLICATING A PROCEDURE

ICD-9-CM Control of postoperative hemorrhage procedure codes:
287 CONTROL OF HEMORRHAGE AFTER TONSILLECTOMY AND ADENOIDECTION
3880 OTHER SURGICAL OCCLUSION OF UNSPECIFIED SITE
3881 OTHER SURGICAL OCCLUSION OF INTRACRANIAL VESSELS
3882 OTHER SURGICAL OCCLUSION OF OTHER VESSELS OF HEAD AND NECK
3883 OTHER SURGICAL OCCLUSION OF UPPER LIMB VESSELS
3884 OTHER SURGICAL OCCLUSION OF AORTA, ABDOMINAL
3885 OTHER SURGICAL OCCLUSION OF THORACIC VESSEL
3886 OTHER SURGICAL OCCLUSION OF ABDOMINAL ARTERIES
3887 OTHER SURGICAL OCCLUSION OF ABDOMINAL VEINS
3888 OTHER SURGICAL OCCLUSION OF LOWER LIMB ARTERIES
3889 OTHER SURGICAL OCCLUSION OF LOWER LIMB VEINS
3941 CONTROL OF HEMORRHAGE FOLLOWING VASCULAR SURGERY
3998 CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF ANUS
4995 CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF BLADDER
5793 CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF PROSTATE
6094 CONTROL OF (POSTOPERATIVE) EVACUATION OF OBSTETRICAL INCISIONAL HEMATOMA OF PERINEUM

ICD-9-CM Drainage of hematoma procedure codes:
1809 OTHER INCISION OF EXTERNAL EAR
540 INCISION OF ABDOMINAL WALL
5412 REOPENING OF RECENT LAPAROTOMY SITE
5919 OTHER INCISION OF PERIVESICLE TISSUE
610 INCISION AND DRAINAGE OF SCROTUM AND TUNICA AND VAGINALIS
6998 OTHER OPERATIONS ON SUPPORTING STRUCTURES OF UTERUS
7014 OTHER VAGINOTOMY
7109 OTHER INCISION OF VULVA AND PERINEUM
7591 EVACUATION OF OBSTETRICAL INCISIONAL HEMATOMA OF PERINEUM
Denominator

All surgical discharges 18 years and older defined by specific DRGs or MS-DRGs and an ICD-9-CM code for an operating room procedure.

See Patient Safety Indicators Appendices:
- Appendix A – Operating Room Procedure Codes
- Appendix D – Surgical Discharge DRGs
- Appendix E – Surgical Discharge MS-DRGs

Exclude cases:
- with principal diagnosis of postoperative hemorrhage or postoperative hematoma or secondary diagnosis present on admission
- where the only operating room procedure is postoperative control of hemorrhage or drainage of hematoma
- where a procedure for postoperative control of hemorrhage or drainage of hematoma occurs before the first operating room procedure

Note: If day of procedure is not available in the input data file, the rate may be slightly lower than if the information was available.
- MDC 14 (pregnancy, childbirth, and puerperium)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)