

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

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- 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 ADENOIDECTOMY	3887	OTHER SURGICAL OCCLUSION OF ABDOMINAL VEINS
3880	OTHER SURGICAL OCCLUSION OF UNSPECIFIED SITE	3888	OTHER SURGICAL OCCLUSION OF LOWER LIMB ARTERIES
3881	OTHER SURGICAL OCCLUSION OF INTRACRANIAL VESSELS	3889	OTHER SURGICAL OCCLUSION OF LOWER LIMB VEINS
3882	OTHER SURGICAL OCCLUSION OF OTHER VESSELS OF HEAD AND NECK	3941	CONTROL OF HEMORRHAGE FOLLOWING VASCULAR SURGERY
3883	OTHER SURGICAL OCCLUSION OF UPPER LIMB VESSELS	3998	CONTROL OF HEMORRHAGE NOS
3884	OTHER SURGICAL OCCLUSION OF AORTA, ABDOMINAL	4995	CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF ANUS
3885	OTHER SURGICAL OCCLUSION OF THORACIC VESSEL	5793	CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF BLADDER
3886	OTHER SURGICAL OCCLUSION OF ABDOMINAL ARTERIES	6094	CONTROL OF (POSTOPERATIVE) HEMORRHAGE OF PROSTATE

ICD-9-CM Drainage of hematoma procedure codes:

1809	OTHER INCISION OF EXTERNAL EAR	6998	OTHER OPERATIONS ON SUPPORTING STRUCTURES OF UTERUS
540	INCISION OF ABDOMINAL WALL	7014	OTHER VAGINOTOMY
5412	REOPENING OF RECENT LAPAROTOMY SITE	7109	OTHER INCISION OF VULVA AND PERINEUM
5919	OTHER INCISION OF PERIVESICLE TISSUE	7591	EVACUATION OF OBSTETRICAL INCISIONAL HEMATOMA OF PERINEUM
610	INCISION AND DRAINAGE OF SCROTUM AND TUNICA AND VAGINALIS		

7592 EVACUATION OF OTHER HEMATOMA OF
VULVA OR VAGINA

8604 OTHER INCISION W/ DRAINAGE OF SKIN
AND SUBCUTANEOUS TISSUE

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
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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)