



PSI #9 Postoperative Hemorrhage or Hematoma

Provider-Level Indicator

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

AND

- ICD-9-CM code for postoperative control of hemorrhage or for drainage of hematoma in any procedure code field.

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:

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| 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:

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|------|--------------------------------|------|-------------------------------------|
| 1809 | OTHER INCISION OF EXTERNAL EAR | 5412 | REOPENING OF RECENT LAPAROTOMY SITE |
| 540 | INCISION OF ABDOMINAL WALL | | |

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|------|---|------|--|
| 5919 | OTHER INCISION OF PERIVESICLE TISSUE | 7109 | OTHER INCISION OF VULVA AND PERINEUM |
| 610 | INCISION AND DRAINAGE OF SCROTUM AND TUNICA AND VAGINALIS | 7591 | EVACUATION OF OBSTETRICAL INCISIONAL HEMATOMA OF PERINEUM |
| 6998 | OTHER OPERATIONS ON SUPPORTING STRUCTURES OF UTERUS | 7592 | EVACUATION OF OTHER HEMATOMA OF VULVA OR VAGINA |
| 7014 | OTHER VAGINOTOMY | 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

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).