PSI #25  Accidental Puncture or Laceration

Area-Level Indicator

Numerator

Discharges 18 years and older with ICD-9-CM code denoting technical difficulty (e.g., accidental cut, puncture, perforation, or laceration) in any diagnosis field (principal or secondary) of all medical and surgical discharges defined by specific DRGs or MS-DRGs.

ICD-9-CM Accidental Puncture or Laceration diagnosis codes:

Accidental cut, puncture, perforation, or hemorrhage during medical care:

- E8700  SURGICAL OPERATION
- E8701  INFUSION OR TRANSFUSION
- E8702  KIDNEY DIALYSIS OR OTHER PERFUSION
- E8703  INJECTION OR VACCINATION
- E8704  ENDOSCOPIC EXAMINATION
- E8705  ASPIRATION OF FLUID OR TISSUE, PUNCTURE, AND CATHETERIZATION
- E8706  HEART CATHETERIZATION
- E8707  ADMINISTRATION OF ENEMA
- E8708  OTHER SPECIFIED MEDICAL CARE
- E8709  UNSPECIFIED MEDICAL CARE
- 9982  ACCIDENTAL PUNCTURE OR LACERATION DURING A PROCEDURE

See Patient Safety Indicators Appendices:

- Appendix B – Medical Discharge DRGs
- Appendix C – Medical Discharge MS-DRGs
- Appendix D – Surgical Discharge DRGs
- Appendix E – Surgical Discharge MS-DRGs

Exclude cases:

- MDC 14 (pregnancy, childbirth, and puerperium).
- with ICD-9-CM code for spine surgery

ICD-9-CM Spine Surgery procedure codes:

- 0301  REMOVAL OF FOREIGN BODY FROM SPINAL CANAL
- 0302  REOPENING OF LAMINECTOMY SITE
- 0309  OTHER EXPLORATION AND DECOMPRESSION OF SPINAL CANAL
- 0353  REPAIR OF VERTEBRAL FRACTURE
- 036  LYSIS OF ADHESIONS OF SPINAL CORD AND NERVE ROOTS
- 8053  REPAIR OF THE ANULUS FIBROSUS WITH GRAFT OR PROSTHESIS OCT08-
- 8054  OTHER AND UNSPECIFIED REPAIR OF THE ANULUS FIBROSUS OCT08-
- 8100  SPINAL FUSION, NOT OTHERWISE SPECIFIED
- 8101  ATLAS-AXIS SPINAL FUSION
- 8102  OTHER CERVICAL FUSION, ANTERIOR TECHNIQUE
- 8103  OTHER CERVICAL FUSION, POSTERIOR TECHNIQUE
- 8104  DORSAL AND DORSOLUMBAR FUSION, ANTERIOR TECHNIQUE
- 8105  DORSAL AND DORSOLUMBAR FUSION, POSTERIOR TECHNIQUE
- 8106  LUMBAR AND LUMBOSACRAL FUSION, ANTERIOR TECHNIQUE
8107 LUMBAR AND LUMBOSACRAL FUSION, LATERAL TRANSVERSE PROCESS TECHNIQUE 8458 IMPLANTATION OF INTERSPINOUS PROCESS DECOMPRESSION DEVICE (ONLY BEFORE OCT 1, 2007)

8108 LUMBAR AND LUMBOSACRAL FUSION, POSTERIOR TECHNIQUE 8459 INSERTION OF OTHER SPINAL DEVICES

8130 REFUSION OF SPINE, NOT OTHERWISE SPECIFIED 8460 INSERTION OF SPINAL DISC PROSTHESIS, NOT OTHERWISE SPECIFIED

8131 REFUSION OF ATLAS-AXIS SPINE 8461 INSERTION OF PARTIAL SPINAL DISC PROSTHESIS, CERVICAL

8132 REFUSION OF OTHER CERVICAL SPINE, ANTERIOR TECHNIQUE 8462 INSERTION OF TOTAL SPINAL DISC PROSTHESIS, CERVICAL

8133 REFUSION OF OTHER CERVICAL SPINE, POSTERIOR TECHNIQUE 8463 INSERTION OF SPINAL DISC PROSTHESIS, THORACIC

8134 REFUSION OF DORSAL AND DORSOLUMBAR SPINE, ANTERIOR TECHNIQUE 8464 INSERTION OF TOTAL SPINAL DISC PROSTHESIS, LUMBOSACRAL

8135 REFUSION OF DORSAL AND DORSOLUMBAR SPINE, POSTERIOR TECHNIQUE 8465 INSERTION OF TOTAL SPINAL DISC PROSTHESIS, LUMBOSACRAL

8136 REFUSION OF LUMBAR AND LUMBOSACRAL SPINE, ANTERIOR TECHNIQUE 8466 REVISION OR REPLACEMENT OF ARTIFICIAL SPINAL DISC PROSTHESIS, CERVICAL

8137 REFUSION OF LUMBAR AND LUMBOSACRAL SPINE, LATERAL TRANSVERSE PROCESS TECHNIQUE 8467 REVISION OR REPLACEMENT OF ARTIFICIAL SPINAL DISC PROSTHESIS, THORACIC

8138 REFUSION OF LUMBAR AND LUMBOSACRAL SPINE, POSTERIOR TECHNIQUE 8468 REVISION OR REPLACEMENT OF ARTIFICIAL SPINAL DISC PROSTHESIS, LUMBOSACRAL

8139 REFUSION OF SPINE, NOT ELSEWHERE CLASSIFIED 8469 REVISION OR REPLACEMENT OF ARTIFICIAL SPINAL DISC PROSTHESIS, NOT OTHERWISE SPECIFIED

8162 FUSION OR REFUSION OF 2-3 VERTEBRAE* 8480 INSERTION OR REPLACEMENT OF INTERSPINOUS PROCESS DEVICE(S)

8163 FUSION OR REFUSION OF 4-8 VERTEBRAE* 8481 REVISION OF INTERSPINOUS PROCESS DEVICE(S)

8164 FUSION OR REFUSION OF 9 OR MORE VERTEBRAE* 8482 INSERTION OR REPLACEMENT OF PEDICLE-BASED DYNAMIC STABILIZATION DEVICE(S)

8165 VERTEBROPLASTY 8483 REVISION OF PEDICLE-BASED DYNAMIC STABILIZATION DEVICE(S)

8166 KYPHOPLASTY 8451 INSERTION OF INTERBODY SPINAL FUSION DEVICE*

8452 INSERTION OF RECOMBINANT BONE MORPHOGENETIC PROTEIN*

* code has code also instructions

**Denominator**

Population of county or Metro Area ¹ associated with FIPS code of patient’s residence or hospital location.

¹ The term “metropolitan area” (MA) was adopted by the U.S. Census in 1990 and referred collectively to metropolitan statistical areas (MSAs), consolidated metropolitan statistical areas (CMSAs) and primary metropolitan statistical areas (PMSAs). In addition, “area” could refer to either 1) FIPS county, 2) modified FIPS county, 3) 1999 OMB Metropolitan Statistical Area or 3) 2003 OMB Metropolitan Statistical Area. Micropolitan Statistical Areas are not used in the QI software.