

# Accidental Puncture or Laceration Rate

## Patient Safety Indicators #25

### Technical Specifications

#### Area-Level Indicator

#### AHRQ Quality Indicators, Version 4.4, March 2012

### 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:

E8700	ACC CUT/HEM IN SURGERY	E8706	ACC CUT/HEM W HEART CATH
E8701	ACC CUT/HEM IN INFUSION	E8707	ACC CUT/HEM W ENEMA
E8702	ACC CUT/HEM-PERFUSN NEC	E8708	ACC CUT IN MED CARE NEC
E8703	ACC CUT/HEM IN INJECTION	E8709	ACC CUT IN MED CARE NOS
E8704	ACC CUT/HEM W SCOPE EXAM	9982	ACCIDENTAL OP LACERATION
E8705	ACC CUT/HEM W CATHERTIZ		

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

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Exclude cases:

- MDC 14 (pregnancy, childbirth, and puerperium)
- with ICD-9-CM code for spine surgery
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), principal diagnosis (DX1=missing), or county (PSTCO=missing)

See *Patient Safety Indicator Appendix*:

- Appendix L – Spine Surgery Procedure Codes

### Denominator

Discharges in the numerator are assigned to the denominator based on the Metro Area<sup>1</sup> or county of the patient residence, not the Metro Area or county of the hospital where the discharge occurred.

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<sup>1</sup> 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.