Accidental Puncture or Laceration Rate

Patient Safety Indicators #15
Technical Specifications
Provider-Level Indicator
AHRQ Quality Indicators, Version 4.4, March 2012

Numerator

Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM code denoting accidental cut, puncture, perforation, or laceration during a procedure in any secondary diagnosis field.

ICD-9-CM Accidental puncture or laceration diagnosis codes:
- E8700 ACC CUT/HEM IN SURGERY
- E8701 ACC CUT/HEM IN INFUSION
- E8702 ACC CUT/HEM-PERFUSN NEC
- E8703 ACC CUT/HEM IN INJECTION
- E8704 ACC CUT/HEM W SCOPE EXAM
- E8705 ACC CUT/HEM W CATHERTIZ
- E8706 ACC CUT/HEM W HEART CATH
- E8707 ACC CUT/HEM W ENEMA
- E8708 ACC CUT IN MED CARE NEC
- E8709 ACC CUT IN MED CARE NOS
- 9982 ACCIDENTAL OP LACERATION

Denominator

All surgical and medical discharges age 18 years and older defined by specific DRGs or MS-DRGs.

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:
- with principal diagnosis denoting accidental cut, puncture, perforation, or laceration or secondary diagnosis present on admission*
- 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) or principal diagnosis (DX1=missing)
* Only for cases that otherwise qualify for the numerator

See Patient Safety Indicator Appendix:
- Appendix L – Spine Surgery Procedure Codes