



**AHRQ Quality Indicators™ (AHRQ QI™)  
ICD-9-CM and ICD-10-CM/PCS  
Specification Enhanced Version 5.0**

**Patient Safety Indicators #25 (PSI #25)  
Accidental Puncture or Laceration Rate**

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Area-Level Indicator  
Type of Score: Rate**

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## PSI #25 Accidental Puncture or Laceration Rate

DESCRIPTION
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Accidental punctures or lacerations during a procedure per 100,000 population, ages 18 years and older. Excludes obstetric discharges and spinal surgery discharges.

*[NOTE: The software provides the rate per population. However, common practice reports the measure as per 100,000 population. The user must multiply the rate obtained from the software by 100,000 to report events per 100,000 population.]*

### PSI #25 Accidental Puncture or Laceration Rate

#### NUMERATOR

Surgical and medical discharges, for patients ages 18 years and older, with any-listed ICD-9- CM or ICD-10-CM diagnosis codes for accidental puncture or laceration during a procedure. Surgical and medical discharges are defined by specific DRG or MS-DRG codes.

[Appendix B - Surgical DRGs](#)

[Appendix C - Surgical MS-DRGs](#)

[Appendix D - Medical DRGs](#)

[Appendix E - Medical MS-DRGs](#)

#### *Accidental puncture or laceration during a procedure diagnosis codes: (TECHNID)*

ICD-9-CM	Description	ICD-10-CM	Description
9982	ACCIDENTAL PUNCTURE OR LACERATION DURING A PROCEDURE	D7811	Accidental puncture and laceration of the spleen during a procedure on the spleen
		D7812	Accidental puncture and laceration of the spleen during other procedure
		E3611	Accidental puncture and laceration of an endocrine
		E3612	Accidental puncture and laceration of an endocrine system organ or structure during other procedure
		G9748	Accidental puncture and laceration of other nervous system organ or structure during a nervous system procedure
		G9749	Accidental puncture and laceration of other nervous system organ or structure during other procedure
		H59211	Accidental puncture and laceration of right eye and
		H59212	Accidental puncture and laceration of left eye and adnexa during an ophthalmic procedure
		H59213	Accidental puncture and laceration of eye and adnexa during an ophthalmic procedure, bilateral

H59219	Accidental puncture and laceration of unspecified eye and adnexa during an ophthalmic procedure
H59221	Accidental puncture and laceration of right eye and
H59222	Accidental puncture and laceration of left eye and adnexa during other procedure
H59223	Accidental puncture and laceration of eye and adnexa during other procedure, bilateral
H59229	Accidental puncture and laceration of unspecified eye and adnexa during other procedure
H9531	Accidental puncture and laceration of the ear and mastoid process during a procedure on the ear and mastoid process
H9532	Accidental puncture and laceration of the ear and mastoid process during other procedure
I9751	Accidental puncture and laceration of a circulatory system organ or structure during a circulatory system procedure
I9752	Accidental puncture and laceration of a circulatory system organ or structure during other procedure
J9571	Accidental puncture and laceration of a respiratory system organ or structure during a respiratory system procedure
J9572	Accidental puncture and laceration of a respiratory system organ or structure during other procedure
K9171	Accidental puncture and laceration of a digestive system organ or structure during a digestive system procedure
K9172	Accidental puncture and laceration of a digestive system organ or structure during other procedure
L7611	Accidental puncture and laceration of skin and subcutaneous tissue during a dermatologic procedure

L7612	Accidental puncture and laceration of skin and subcutaneous tissue during other procedure
M96820	Accidental puncture and laceration of a musculoskeletal structure during a musculoskeletal system procedure
M96821	Accidental puncture and laceration of a musculoskeletal structure during other procedure
N9971	Accidental puncture and laceration of a genitourinary
N9972	Accidental puncture and laceration of a genitourinary system organ or structure during other procedure

## PSI #25 Accidental Puncture or Laceration Rate

### NUMERATOR EXCLUSIONS

Exclude cases:

- with any-listed ICD-9-CM or ICD-10-PCS procedure codes for spine surgery
- MDC 14 (pregnancy, childbirth, and puerperium)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), principal diagnosis (DX1=missing), or county (PSTCO=missing)

### [Appendix L – Spine Surgery Procedure Codes](#)

## PSI #25 Accidental Puncture or Laceration Rate

### DENOMINATOR

Population ages 18 years and older in metropolitan area† or county. Discharges in the numerator are assigned to the denominator based on the metropolitan area or county of the patient residence, not the metropolitan area or county of the hospital where the discharge occurred.

† 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 4) 2003 OMB Metropolitan Statistical Area. Micropolitan Statistical Areas are not used in the QI software.

## PSI #25 Accidental Puncture or Laceration Rate

<b>DENOMINATOR EXCLUSIONS</b>
<i>Not Applicable</i>