

Birth Trauma – Injury to Neonate

Patient Safety Indicators #17

Technical Specifications

Provider-Level Indicator

AHRQ Quality Indicators, Version 4.3, August 2011

(Revised September 7, 2011)

NOTE: This indicator is calculated by the PDI SAS module because it is based on pediatric discharges.

Numerator

Discharges among cases meeting the inclusion and exclusion rules for the denominator with ICD-9-CM codes for birth trauma in any diagnosis field.

ICD-9-CM Birth trauma diagnosis codes:

7670	SUBDURAL AND CEREBRAL HEMORRHAGE (DUE TO TRAUMA OR TO INTRAPARTUM ANOXIA OR HYPOXIA)	7674	INJURY TO SPINE AND SPINAL CORD
76711	EPICRANIAL SUBAPONEUROTIC HEMORRHAGE (MASSIVE) (OCT03)	7675	FACIAL NERVE INJ-BIRTH
7673	INJURIES TO SKELETON (EXCLUDES CLAVICLE)	7677	OTHER CRANIAL AND PERIPHERAL NERVE INJURIES
		7678	OTHER SPECIFIED BIRTH TRAUMA

Denominator

All newborns

See *Pediatric Quality Indicators Appendices*:

- Appendix I – Definitions of Neonate, Newborn, Normal Newborn, and Outborn

Exclude:

- preterm infants with a birth weight less than 2,000 grams
- infants with any diagnosis code of injury to brachial plexus
- infants with any diagnosis code of osteogenesis imperfecta
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

ICD-9-CM Preterm infant with birth weight less than 2000 grams diagnosis codes:

76500	EXTREME IMMATURETY WTNOS	76506	EXTREME IMMATURETY, 1500 – 1749 GRAMS
76501	EXTREME IMMATURETY, LESS THAN 500 GRAMS	76507	EXTREME IMMATURETY, 1750 – 1999 GRAMS
76502	EXTREME IMMATURETY, 500 – 749 GRAMS	76511	OTHER PRETERM INFANTS, LESS THAN 500 GRAMS
76503	EXTREME IMMATURETY, 750 – 999 GRAMS	76512	OTHER PRETERM INFANTS, 500 – 749 GRAMS
76504	EXTREME IMMATURETY, 1000 – 1249 GRAMS	76513	OTHER PRETERM INFANTS, 750 – 999 GRAMS
76505	EXTREME IMMATURETY, 1250 – 1499 GRAMS	76514	OTHER PRETERM INFANTS, 1000 – 1249 GRAMS

**AHRQ QI, Patient Safety Indicators #17, Technical Specifications,
Birth Trauma – Injury to Neonate
www.qualityindicators.ahrq.gov**

76515 OTHER PRETERM INFANTS, 1250 – 1499
GRAMS
76516 OTHER PRETERM INFANTS, 1500 – 1749
GRAMS

76517 OTHER PRETERM INFANTS, 1750 – 1999
GRAMS

ICD-9-CM Injury to brachial plexus diagnosis code:

7676 BRACH PLEXUS INJ-BIRTH

ICD-9-CM Osteogenesis imperfecta diagnosis code:

75651 OSTEOGENESIS IMPERFECTA