

# Pressure Ulcer Rate

## Pediatric Quality Indicators #2

### 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 of pressure ulcer in any secondary diagnosis field and ICD-9-CM code of pressure ulcer stage III or IV (or unstagable) in any secondary diagnosis field.

#### ICD-9-CM Pressure ulcer diagnosis codes<sup>1</sup>:

7070	<i>PRESSURE ULCER</i>	70704	PRESSURE ULCER, HIP
70700	PRESSURE ULCER SITE NOS	70705	PRESSURE ULCER, BUTTOCK
70701	PRESSURE ULCER, ELBOW	70706	PRESSURE ULCER, ANKLE
70702	PRESSURE ULCER, UPR BACK	70707	PRESSURE ULCER, HEEL
70703	PRESSURE ULCER, LOW BACK	70709	PRESSURE ULCER, SITE NEC

<sup>1</sup> Italicized codes are not active in the current fiscal year.

#### ICD-9-CM Pressure ulcer stage diagnosis codes\*:

70723	PRESSURE ULCER, STAGE III	70725	PRESSURE ULCER, UNSTAGEBL
70724	PRESSURE ULCER, STAGE IV		

\* Valid for discharges on or after 10/1/2008

### Denominator

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

See *Pediatric Quality Indicators Appendices*:

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

---

Exclude cases:

- neonates
- with length of stay of less than 5 days
- with principal diagnosis of pressure ulcer or a secondary diagnosis of pressure ulcer present on admission\* and a secondary diagnosis of pressure ulcer stage III or IV present on admission
- in MDC 9 (Skin, Subcutaneous Tissue, and Breast)
- with a procedure code for debridement or pedicle graft **before or on the same day** as the major operating room procedure (surgical cases only)

- with an ICD-9-CM procedure code of debridement or pedicle graft as the only major operating room procedure (surgical cases only)
  - transfer from a hospital (different facility)
  - transfer from a Skilled Nursing Facility (SNF) or Intermediate Care Facility (ICF)
  - transfer from another health care facility
  - MDC 14 (pregnancy, childbirth, and puerperium)
  - with missing discharge 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 *Pediatric Quality Indicators Appendices*:

- Appendix I – Definitions of Neonate, Newborn, Normal Newborn, and Outborn
- Appendix J – Admission Codes for Transfers

**ICD-9-CM Debridement or pedicle graft procedure codes:**

8345	OTHER MYECTOMY	8671	CUT & PREP PEDICLE GRAFT
8622	EXC WOUND DEBRIDEMENT	8672	PEDICLE GRAFT ADVANCEMEN
8628	NONEXCIS DEBRIDEMENT WND	8674	ATTACH PEDICLE GRAFT NEC
8670	PEDICLE GRAFT/FLAP NOS	8675	REVISION OF PEDICLE GRFT

## Stratification

PDI 2 stratifies rates by high-risk vs. lower risk groups.

### High risk group:

**ICD-9-CM Hemiplegia, paraplegia, or quadriplegia diagnosis codes<sup>1</sup>:**

33371	ATHETOID CEREBRAL PALSY	34403	QUADRPLG C5-C7, COMPLETE
3420	FLACCID HEMIPLEGIA	34404	QUADRPLG C5-C7, INCOMPLT
34200	FLCCD HMIPLGA UNSPF SIDE	34409	OTHER QUADRIPLEGIA
34201	FLCCD HMIPLGA DOMNT SIDE	3441	PARAPLEGIA
34202	FLCCD HMIPLG NONDMNT SDE	3442	DIPLEGIA OF UPPER LIMBS
3421	SPASTIC HEMIPLEGIA	3443	MONOPLGIA OF LOWER LIMB
34210	SPSTC HMIPLGA UNSPF SIDE	34430	MONPLGA LWR LMB UNSP SDE
34211	SPSTC HMIPLGA DOMNT SIDE	34431	MONPLGA LWR LMB DMNT SDE
34212	SPSTC HMIPLG NONDMNT SDE	34432	MNPLG LWR LMB NONDMNT SD
34280	OT SP HMIPLGA UNSPF SIDE	3444	MONOPLGIA OF UPPER LIMB
34281	OT SP HMIPLGA DOMNT SIDE	34440	MONPLGA UPR LMB UNSP SDE
34282	OT SP HMIPLG NONDMNT SDE	34441	MONPLGA UPR LMB DMNT SDE
3429	HEMIPLEGIA, UNSPECIFIED	34442	MNPLG UPR LMB NONDMNT SD
34290	UNSP HEMIPPLGA UNSPF SIDE	3445	MONOPLGIA NOS
34291	UNSP HEMIPPLGA DOMNT SIDE	3446	CAUDA EQUINA SYNDROME
34292	UNSP HMIPLGA NONDMNT SDE	34460	CAUDA EQUINA SYND NOS
3430	CONGENITAL DIPLEGIA	34461	NEUROGENIC BLADDER
3431	CONGENITAL HEMIPLEGIA	3448	OTHER SPECIFIED PARALYTIC SYNDROMES
3432	CONGENITAL QUADRIPLEGIA	34481	LOCKED-IN STATE
3433	CONGENITAL MONOPLGIA	34489	OTH SPCF PARALYTIC SYND
3434	INFANTILE HEMIPLEGIA	3449	PARALYSIS NOS
3438	CEREBRAL PALSY NEC	43820	LATE EF-HEMPLGA SIDE NOS
3439	CEREBRAL PALSY NOS	43821	LATE EF-HEMPLGA DOM SIDE
3440	QUADRIPLEGIA AND QUADRIPARESIS	43822	LATE EF-HEMIPPLGA NON-DOM
34400	QUADRIPLEGIA, UNSPECIFD	43830	LATE EF-MPLGA UP LMB NOS
34401	QUADRPLG C1-C4, COMPLETE	43831	LATE EF-MPLGA UP LMB DOM
34402	QUADRPLG C1-C4, INCOMPLT		

**AHRQ QI, Pediatric Quality Indicators #2, Technical Specifications,  
Pressure Ulcer Rate  
www.qualityindicators.ahrq.gov**

---

43832	LT EF-MPLGA UPLMB NONDOM	43852	LT EF OTH PARALS NON-DOM
43840	LTE EF-MPLGA LOW LMB NOS	43853	LT EF OTH PARALS-BILAT
43841	LTE EF-MPLGA LOW LMB DOM	7687	<i>HYPOXIC-ISCHEMIC ENCEPH</i>
43842	LT EF-MPLGA LOWLMB NONDM	76870	HYPOXC-ISCHEM ENCEPH NOS
43850	LT EF OTH PARAL SIDE NOS	76872	MOD HYPOX-ISCHEM ENCEPH
43851	LT EF OTH PARAL DOM SIDE	76873	SEV HYPOX-ISCHEM ENCEPH

<sup>1</sup> Italicized codes are not active in the current fiscal year.

**ICD-9-CM Spina bifida diagnosis codes<sup>1</sup>:**

74100	SPIN BIF W HYDROCEPH NOS	74191	SPINA BIFIDA-CERV
74101	SPIN BIF W HYDRCEPH-CERV	74192	SPINA BIFIDA-DORSAL
74102	SPIN BIF W HYDRCEPH-DORS	74193	SPINA BIFIDA-LUMBAR
74103	SPIN BIF W HYDRCEPH-LUMB	7687	<i>HYPOXIC-ISCHEMIC ENCEPH</i>
74190	SPINA BIFIDA		

<sup>1</sup> Italicized codes are not active in the current fiscal year.

**ICD-9-CM Anoxic brain damage diagnosis codes:**

3481	ANOXIC BRAIN DAMAGE	7685	SEVERE BIRTH ASPHYXIA
------	---------------------	------	-----------------------

**ICD-9-CM Continuous mechanical ventilation procedure code:**

9672	CONT INV MEC VEN 96+ HRS
------	--------------------------

**Low risk group:**

All patients not qualifying as high risk.