

Pressure Ulcer Rate

Patient Safety Indicators #3

Technical Specifications

Provider-Level Indicator

AHRQ Quality Indicator, Version 4.3, August 2011

Version 4.3a is a maintenance release of Version 4.3. The differences between the two versions are:

- Version 4.3a includes Version 29 of the Limited License edition of the 3M™ APR-DRG Grouper. This grouper corrects an issue found in Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper. The grouper is only used with the Inpatient Quality Indicator (IQI) mortality measures. Version 4.3 includes Version 28 of the Limited License edition of the 3M™ APR-DRG Grouper, which was incorrectly assigning a Risk of Mortality (ROM) subclass for cases dated on or after 10/1/10.
- Version 4.3a allows users to calculate area-level indicators for years 2010 and 2011, correcting an issue previously identified in Version 4.3.

All other aspects of the software, including measure specifications, remain the same. Thus this document (related to Version 4.3) remains unchanged.

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:

7070*	PRESSURE ULCER	70704	PRESSURE ULCER, HIP (OCT04)
70700	PRESSURE ULCER SITE NOS (OCT04)	70705	PRESSURE ULCER, BUTTOCK (OCT04)
70701	PRESSURE ULCER, ELBOW (OCT04)	70706	PRESSURE ULCER, ANKLE (OCT04)
70702	PRESSURE ULCER, UP BACK (OCT04)	70707	PRESSURE ULCER, HEEL (OCT04)
70703	PRESSURE ULCER, LOW BACK (OCT04)	70709	PRESSURE ULCER, SITE NEC (OCT04)

*No longer valid in FY2005

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

See *Patient Safety Indicators Appendices*:

- Appendix A – Operating Room Procedure Codes
- 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 length of stay of less than 5 days
- with principal diagnosis of pressure ulcer or secondary diagnosis present on admission
- MDC 9 (Skin, Subcutaneous Tissue, and Breast)
- MDC 14 (pregnancy, childbirth, and puerperium)
- with any diagnosis of hemiplegia, paraplegia, or quadriplegia
- with any diagnosis of spina bifida or anoxic brain damage
- with an ICD-9-CM procedure code for debridement or pedicle graft **before or on the same day** as the 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
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)

See *Patient Safety Indicators Appendices*:

- Appendix A – Operating Room Procedure Codes
- Appendix J – Admission Codes for Transfers

ICD-9-CM Hemiplegia, paraplegia, or quadriplegia diagnosis codes:

33371	ATHETOID CEREBRAL PALSY	3439	INFANTILE CEREBRAL PALSY,
3341	HERED SPASTIC PARAPLEGIA		INFANTILE CEREBRAL PALSY,
3420	FLACCID HEMIPLEGIA		UNSPECIFIED
34200	FLCCD HMIPLGA UNSPF SIDE	3440	QUADRIPLGIA AND QUADRIPARESIS
34201	FLCCD HMIPLGA DOMNT SIDE	34400	QUADRIPLGIA, UNSPECIFD
34202	FLCCD HMIPLG NONDMNT SDE	34401	QUADRPLG C1-C4, COMPLETE
3421	SPASTIC HEMIPLEGIA	34402	QUADRPLG C1-C4, INCOMPLT
34210	SPSTC HMIPLGA UNSPF SIDE	34403	QUADRPLG C5-C7, COMPLETE
34211	SPSTC HMIPLGA DOMNT SIDE	34404	QUADRPLG C5-C7, INCOMPLT
34212	SPSTC HMIPLG NONDMNT SDE	34409	OTHER QUADRIPLGIA
34280	OT SP HMIPLGA UNSPF SIDE	3441	PARAPLEGIA
34281	OT SP HMIPLGA DOMNT SIDE	3442	DIPLEGIA OF UPPER LIMBS
34282	OT SP HMIPLG NONDMNT SDE	3443	MONOPLEGIA OF LOWER LIMB
3429	HEMIPLEGIA, UNSPECIFIED	34430	MONPLGA LWR LMB UNSP SDE
34290	UNSP HEMIPLGA UNSPF SIDE	34431	MONPLGA LWR LMB DMNT SDE
34291	UNSP HEMIPLGA DOMNT SIDE	34432	MNPLG LWR LMB NONDMNT SD
34292	UNSP HMIPLGA NONDMNT SDE	3444	MONOPLEGIA OF UPPER LIMB
3430	INFANTILE CEREBRAL PALSY, DIPLEGIC	34440	MONPLGA UPR LMB UNSP SDE
3431	INFANTILE CEREBRAL PALSY, HEMIPLEGIC	34441	MONPLGA UPR LMB DMNT SDE
3432	INFANTILE CEREBRAL PALSY, QUADRIPLGIC	34442	MNPLG UPR LMB NONDMNT SD
3433	INFANTILE CEREBRAL PALSY, MONOPLEGIC	3445	UNSPECIFIED MONOPLEGIA
3434	INFANTILE CEREBRAL PALSY INFANTILE HEMIPLEGIA	34460	CAUDA EQUINA SYNDROME, WITHOUT MENTION OF NEUROGENIC BLADDER
3438	INFANTILE CEREBRAL PALSY OTHER SPECIFIED INFANTILE CEREBRAL PALSY	34461	CAUDA EQUINA SYNDROME, WITH NEUROGENIC BLADDER
		3448	OTHER SPECIFIED PARALYTIC SYNDROMES
		34481	LOCKED-IN STATE
		34489	OTH SPCF PARALYTIC SYND
		3449	PARALYSIS, UNSPECIFIED
		43820	LATE EF-HEMPLGA SIDE NOS
		43821	LATE EF-HEMPLGA DOM SIDE

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43822	LATE EF-HEMIPLGA NON-DOM	43852	LT EF OTH PARALS NON-DOM
43830	LATE EF-MPLGA UP LMB NOS	43853	LT EF OTH PARALS-BILAT
43831	LATE EF-MPLGA UP LMB DOM	76870	HYPOXIC-ISCHEMIC ENCEPHALOPATHY, UNSPECIFIED
43832	LT EF-MPLGA UPLMB NONDOM	76872	MODERATE HYPOXIC-ISCHEMIC ENCEPHALOPATHY (OCT09)
43840	LTE EF-MPLGA LOW LMB NOS	76873	SEVERE HYPOXIC-ISCHEMIC ENCEPHALOPATHY (OCT09)
43841	LTE EF-MPLGA LOW LMB DOM		
43842	LT EF-MPLGA LOWLMB NONDM		
43850	LT EF OTH PARAL SIDE NOS		
43851	LT EF OTH PARAL DOM SIDE		

ICD-9-CM Spina bifida or anoxic brain damage diagnosis codes:

3481	ANOXIC BRAIN DAMAGE	74190	SPINA BIFIDA, W/O HYDROCEPHALUS UNSPECIFIED REGION
74100	SPINA BIFIDA, W HYDROCEPHALUS UNSPECIFIED REGION	74191	SPINA BIFIDA, W/O HYDROCEPHALUS CERVICAL REGION
74101	SPINA BIFIDA, W HYDROCEPHALUS CERVICAL REGION	74192	SPINA BIFIDA, W/O HYDROCEPHALUS DORSAL REGION
74102	SPINA BIFIDA, W HYDROCEPHALUS DORSAL REGION	74193	SPINA BIFIDA, W/O HYDROCEPHALUS LUMBAR REGION
74103	SPINA BIFIDA, W HYDROCEPHALUS LUMBAR REGION	7685	SEVERE BIRTH ASPHYXIA

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