

Pressure Ulcer Rate Technical Specifications

Patient Safety Indicators 03 (PSI 03)

AHRQ Quality Indicator™, Version 5.0

March 2015

Provider-Level Indicator

Type of Score: Rate

Description

Stage III or IV pressure ulcers or unstageable (secondary diagnosis) per 1,000 discharges among surgical or medical patients ages 18 years and older. Excludes stays less than 5 days; cases with a principal diagnosis of pressure ulcer; cases with a secondary diagnosis of Stage III or IV pressure ulcer or unstageable that is present on admission; cases with diseases of the skin, subcutaneous tissue and breast; obstetric cases; cases with hemiplegia, paraplegia, quadriplegia, spina bifida, or anoxic brain damage; cases in which debridement or pedicle graft is the only operating room procedure; discharges with debridement or pedicle graft before or on the same day as the major operating room procedure; and transfers from another facility.

[NOTE: The software provides the rate per hospital discharge. However, common practice reports the measure as per 1,000 discharges. The user must multiply the rate obtained from the software by 1,000 to report events per 1,000 hospital discharges.]

Numerator

Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any secondary ICD-9-CM diagnosis codes for pressure ulcer and any secondary ICD-9-CM diagnosis codes for pressure ulcer stage III or IV (or unstageable).

ICD-9-CM Pressure ulcer diagnosis codes:

| | | | |
|-------|--------------------------|-------|--------------------------|
| 7070 | DECUBITUS ULCER | 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 |

ICD-9-CM Pressure ulcer stage diagnosis codes (required for discharges Oct 1, 2007 or later):

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

Denominator

Surgical or medical discharges, for patients ages 18 years and older. Surgical and medical discharges are defined by specific DRG or MS-DRG codes.

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 length of stay of less than 5 days
- with a principal ICD-9-CM diagnosis code for pressure ulcer (see above)
- with any secondary ICD-9-CM diagnosis codes for pressure ulcer (see above) present on admission and any secondary ICD-9-CM diagnosis codes for pressure ulcer stage III or IV (or unstageable, see above) present on admission
- with any-listed ICD-9-CM diagnosis codes for hemiplegia, paraplegia, or quadriplegia
- with any-listed ICD-9-CM diagnosis codes for spina bifida or anoxic brain damage
- with any-listed ICD-9-CM procedure codes for debridement or pedicle graft before or on the same day as the major operating room procedure (surgical cases only)
- with any-listed ICD-9-CM procedure codes for debridement or pedicle graft as the only major operating room procedure (surgical cases only)
- transfer from a hospital (different acute care facility)
- transfer from a Skilled Nursing Facility (SNF) or Intermediate Care Facility (ICF)
- transfer from another health care facility
- MDC 9 (skin, subcutaneous tissue, and breast)
- MDC 14 (pregnancy, childbirth, and puerperium)
- 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 | 34431 | MONPLGA LWR LMB DMNT SDE |
| 3341 | HERED SPASTIC PARAPLEGIA | 34432 | MNPLG LWR LMB NONDMNT SD |
| 3420 | FLACCID HEMIPLEGIA | 3444 | MONOPLEGIA OF UPPER LIMB |
| 34200 | FLCCD HMIPLGA UNSPF SIDE | 34440 | MONPLGA UPR LMB UNSP SDE |
| 34201 | FLCCD HMIPLGA DOMNT SIDE | 34441 | MONPLGA UPR LMB DMNT SDE |
| 34202 | FLCCD HMIPLG NONDMNT SDE | 34442 | MNPLG UPR LMB NONDMNT SD |
| 3421 | SPASTIC HEMIPLEGIA | 3445 | UNSPECIFIED MONOPLEGIA |
| 34210 | SPSTC HMIPLGA UNSPF SIDE | 34460 | CAUDA EQUINA SYNDROME, WITHOUT MENTION OF NEUROGENIC BLADDER |
| 34211 | SPSTC HMIPLGA DOMNT SIDE | 34461 | CAUDA EQUINA SYNDROME, WITH NEUROGENIC BLADDER |
| 34212 | SPSTC HMIPLG NONDMNT SDE | 3448 | OTHER SPECIFIED PARALYTIC SYNDROMES |
| 34280 | OT SP HMIPLGA UNSPF SIDE | 3443 | MONOPLEGIA OF LOWER LIMB |
| 34281 | OT SP HMIPLGA DOMNT SIDE | 34430 | MONPLGA LWR LMB UNSP SDE |
| 34282 | OT SP HMIPLG NONDMNT SDE | 34481 | LOCKED-IN STATE |
| 3429 | HEMIPLEGIA, UNSPECIFIED | 34489 | OTH SPCF PARALYTIC SYND |
| 34290 | UNSP HEMIPLGA UNSPF SIDE | 3449 | PARALYSIS, UNSPECIFIED |
| 34291 | UNSP HEMIPLGA DOMNT SIDE | 43820 | LATE EF-HEMPLGA SIDE NOS |
| 34292 | UNSP HMIPLGA NONDMNT SDE | 43821 | LATE EF-HEMPLGA DOM SIDE |

| | | | |
|-------|---|-------|--------------------------|
| 3430 | INFANTILE CEREBRAL PALSY, DIPLEGIC | 43822 | LATE EF-HEMIPLGA NON-DOM |
| 3431 | INFANTILE CEREBRAL PALSY, HEMIPLEGIC | 43830 | LATE EF-MPLGA UP LMB NOS |
| 3432 | INFANTILE CEREBRAL PALSY, QUADRIPLEGIC | 43831 | LATE EF-MPLGA UP LMB DOM |
| 3433 | INFANTILE CEREBRAL PALSY, MONOPLLEGIC | 43832 | LT EF-MPLGA UPLMB NONDOM |
| 3434 | INFANTILE CEREBRAL PALSY INFANTILE HEMIPLEGIA | 43840 | LTE EF-MPLGA LOW LMB NOS |
| 3438 | INFANTILE CEREBRAL PALSY OTHER SPECIFIED INFANTILE CEREBRAL PALSY | 43841 | LTE EF-MPLGA LOW LMB DOM |
| 3439 | INFANTILE CEREBRAL PALSY, INFANTILE CEREBRAL PALSY, UNSPECIFIED | 43842 | LT EF-MPLGA LOWLMB NONDM |
| 3440 | QUADRIPLEGIA AND QUADRIPARESIS | 43850 | LT EF OTH PARAL SIDE NOS |
| 34400 | QUADRIPLEGIA, UNSPECIFD | 43851 | LT EF OTH PARAL DOM SIDE |
| 34401 | QUADRPLG C1-C4, COMPLETE | 43852 | LT EF OTH PARALS NON-DOM |
| 34402 | QUADRPLG C1-C4, INCOMPLT | 43853 | LT EF OTH PARALS-BILAT |
| 34403 | QUADRPLG C5-C7, COMPLETE | 7687 | HYPOXIC-ISCHEMIC ENCEPH |
| 34404 | QUADRPLG C5-C7, INCOMPLT | 76870 | HYPOXC-ISCHEM ENCEPH NOS |
| 34409 | OTHER QUADRIPLEGIA | 76872 | MOD HYPOX-ISCHEM ENCEPH |
| 3441 | PARAPLEGIA | 76873 | SEV HYPOX-ISCHEM ENCEPH |
| 3442 | DIPLEGIA OF UPPER LIMBS | | |

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

| | | | |
|-------|--------------------------|-------|-----------------------|
| 3481 | ANOXIC BRAIN DAMAGE | 74190 | SPINA BIFIDA |
| 74100 | SPIN BIF W HYDROCEPH NOS | 74191 | SPINA BIFIDA-CERV |
| 74101 | SPIN BIF W HYDRCEPH-CERV | 74192 | SPINA VIFIDA-DORSAL |
| 74102 | SPIN BIF W HYDRCEPH-DORS | 74193 | SPINA BIFIDA-LUMBAR |
| 74103 | SPIN BIF W HYDRCEPH-LUMB | 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 |