

Obstetric Trauma Rate– Vaginal Delivery With Instrument

Patient Safety Indicators #18 Technical Specifications

Provider-Level Indicator

AHRQ Quality Indicators, 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 codes for 3rd and 4th degree obstetric trauma in any diagnosis field.

ICD-9-CM Obstetric trauma diagnosis codes:

66420	DEL W 3 DEG LACERAT-UNSP	66431	TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, FOURTH-DEGREE PERINEAL LACERATION
66421	DEL W 3 DEG LACERAT-DEL		
66424	DEL W 3 DEG LAC-POSTPART		
66430	TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, FOURTH-DEGREE PERINEAL LACERATION	66434	TRAUMA TO PERINEUM AND VULVA DURING DELIVERY, FOURTH-DEGREE PERINEAL LACERATION

Denominator

All vaginal delivery discharges with any procedure code for instrument-assisted delivery.

ICD-9-CM Vaginal delivery DRG codes:

372	VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES	375	VAGINAL DELIVERY W/ OR PROCEDURE EXCEPT STERILIZATION AND/OR D AND C
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES		
374	VAGINAL DELIVERY W/ STERILIZATION AND/OR D AND C		

ICD-9-CM Vaginal delivery MS-DRG codes:

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767	VAGINAL DELIVERY W/ STERILIZATON AND/OR D&C	774	VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES
768	VAGINAL DELIVERY W/ OR PROC EXCEPT STERILIZATON AND/OR D&C	775	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES

ICD-9-CM Instrument-assisted delivery procedure codes:

720	LOW FORCEPS OPERATION	7253	TOTAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD
721	LOW FORCEPS OPERATION W/ EPISIOTOMY	726	FORCEPS APPLICATION TO AFTERCOMING HEAD
7221	MID FORCEPS OPERATION W/ EPISIOTOMY	7271	VACUUM EXTRACTION W/ EPISIOTOMY
7229	OTHER MID FORCEPS OPERATION	7279	VACUUM EXTRACTION DELIVERY NEC
7231	HIGH FORCEPS OPERATION W/ EPISIOTOMY	728	OTHER SPECIFIED INSTRUMENTAL DELIVERY
7239	OTHER HIGH FORCEPS OPERATION	729	UNSPECIFIED INSTRUMENTAL DELIVERY
724	FORCEPS ROTATION OF FETAL HEAD		
7251	PARTIAL BREECH EXTRACTION W/ FORCEPS TO AFTERCOMING HEAD		

Exclude cases:

- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing) or principal diagnosis (DX1=missing)