

Obstetric Trauma Rate– Vaginal Delivery With Instrument

Patient Safety Indicators #18 Technical Specifications

Provider-Level Indicator

AHRQ Quality Indicators, Version 4.3, August 2011

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

767	VAGINAL DELIVERY W/ STERILIZATION AND/OR D&C	774	VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES
768	VAGINAL DELIVERY W/ OR PROC EXCEPT STERILIZATION 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)