

Obstetric Trauma Rate – Vaginal Delivery With Instrument

Patient Safety Indicators #18 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 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	66430	DEL W 4 DEG LACERAT-UNSP
66421	DEL W 3 DEG LACERAT-DEL	66431	DEL W 4 DEG LACERAT-DEL
66424	DEL W 3 DEG LAC-POSTPART	66434	DEL W 4 DEG LAC-POSTPART

Denominator

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

Vaginal delivery DRG codes:

372	VAGINAL DELIVERY W/ COMPLICATING DIAGNOSES	374	VAGINAL DELIVERY W/ STERILIZATION &/OR D&C
373	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	375	VAGINAL DELIVERY W/ O.R. PROC EXCEPT STERILIZATION &/OR D&C

Vaginal delivery MS-DRG codes:

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

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

720	LOW FORCEPS OPERATION	7251	PART BRCH EXTRAC W FORCP
721	LOW FORCEPS W EPISIOTOMY	7253	TOT BRCH EXTRAC W FORCEP
7221	MID FORCEPS W EPISIOTOMY	726	FORCEPS-AFTERCOMING HEAD
7229	MID FORCEPS OP NEC	7271	VACUUM EXT DEL W EPISOT
7231	HIGH FORCEPS W EPISOT	7279	VACUUM EXTRACT DEL NEC
7239	HIGH FORCEPS OP NEC	728	INSTRUMENT DELIVERY NEC
724	FORCEPS ROTAT FETAL HEAD	729	INSTRUMENT DELIVERY NOS

Exclude cases:

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