
CBE ID

0348

Title

Iatrogenic Pneumothorax Rate (PDI 5)

Project

Patient Safety

Endorsement Status

Endorsement Removed

Is Under Review

No

Previous Endorsement Cycle

Fall 2017

Removal Date

Sun, 05/13/2018 - 20:00

Initial Endorsement

Wed, 05/14/2008 - 20:00

Steward

Agency for Healthcare Research and Quality

1.0 New or Maintenance

Maintenance

1.1 Measure Structure

Single Measure

1.3 Electronic Clinical Quality Measure (eCQM)

No

1.6 Measure Description

Iatrogenic pneumothorax cases (secondary diagnosis) per 1,000 surgical or medical discharges for patients ages 17 years and younger. Excludes normal newborns; neonates with a birth weight less than 500 grams; cases with chest trauma, pleural effusion, thoracic surgery, lung or pleural biopsy, diaphragmatic surgery repair or cardiac surgery; cases with a principal diagnosis of iatrogenic pneumothorax; cases with a secondary diagnosis of iatrogenic pneumothorax present on admission; and obstetric cases.

[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.]

1.7 Measure Type

Outcome

1.8 Level of Analysis

Facility

1.9 Care Setting

Inpatient/Hospital

1.14 Numerator

Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any secondary ICD-10-CM diagnosis codes for iatrogenic pneumothorax.

1.15 Denominator

Surgical or medical discharges, for patients ages 17 years and younger. Surgical and medical discharges are defined by specific MS-DRG codes.

1.20 Types of Data Sources

Claims Data

6.1.2 Current or Planned Use(s)

Public Reporting, Quality Improvement (Internal to the specific organization)

Exclusions

Exclude cases:

- neonates with birth weight less than 500 grams (Birth Weight Categories 1 to 8)
- with a principal ICD-10-CM diagnosis code (or secondary diagnosis present on admission) for iatrogenic pneumothorax (see above)
- with any-listed ICD-10-CM diagnosis codes for specified chest trauma (rib fractures, traumatic pneumothorax and related chest wall injuries)
- with any-listed ICD-10-CM diagnosis codes for pleural effusion
- with any-listed ICD-10-PCS procedure codes for thoracic surgery
- with any-listed ICD-10-PCS procedure codes for lung or pleural biopsy
- with any-listed ICD-10-PCS procedure codes for diaphragmatic surgery repair
- with any-listed ICD-10-PCS procedure codes for cardiac surgery
- normal newborn
- 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)

Measure Disclaimer

Not applicable

Planned Use

Public Reporting, Quality Improvement (Internal to the specific organization)

Risk Adjustment

No risk adjustment or risk stratification

Target Population

Children

Steward Organization

Agency for Healthcare Research and Quality

Steward POC email

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