
CBE ID

0532

Title

Pediatric Patient Safety for Selected Indicators (PDI 19)

Project

Patient Safety

Endorsement Status

Endorsement Removed

Is Under Review

No

Previous Endorsement Cycle

Full Year 2013

Removal Date

Tue, 11/18/2014 - 19:00

Initial Endorsement

Thu, 06/18/2009 - 20:00

Steward

Agency for Healthcare Research and Quality

1.0 New or Maintenance

Maintenance

1.1 Measure Structure

Composite Measure

1.3 Electronic Clinical Quality Measure (eCQM)

No

1.6 Measure Description

Pediatric Patient Safety for Selected Indicators (PDI 19) is a weighted average of the observed-to-expected ratios for the following component indicators: PDI 01 Accidental Puncture or Laceration Rate, PDI 02 Pressure Ulcer Rate, PDI 05 Iatrogenic Pneumothorax Rate, PDI 10 Postoperative Sepsis Rate, PDI 11 Postoperative Wound Dehiscence Rate, and PDI 12 Central Venous Catheter-Related Blood Stream Infection Rate.

The weights include component weights and shrinkage weights. The component weights are numerator weights, defined as the relative frequency of the numerators for the component indicators in the reference population. The shrinkage weights are the signal-to-noise ratio, where

the signal variance is estimated from the reference population, and the noise variance is estimated from the user's data and is unique to each provider in the user's data.

For more information, see Quality Indicator Empirical Methods, PDI Composite Measure Workgroup Final Report, and AHRQ QI User Guide: PDI Composite available online at www.qualityindicators.ahrq.gov

1.7 Measure Type

Composite

1.8 Level of Analysis

Facility

1.9 Care Setting

Inpatient/Hospital

1.14 Numerator

Not applicable for the composite. The numerator for component indicators is the number of potentially preventable adverse events (i.e., PDI 01 Accidental Puncture or Laceration Rate, PDI 02 Pressure Ulcer Rate, PDI 05 Iatrogenic Pneumothorax Rate, PDI 10 Postoperative Sepsis Rate, PDI 11 Postoperative Wound Dehiscence Rate, and PDI 12 Central Venous Catheter-Related Blood Stream Infection Rate).

1.15 Denominator

Not applicable for the composite. The denominator for component indicators is the number of eligible discharges (all indicators limited to the pediatric population)

1.20 Types of Data Sources

Claims Data

6.1.2 Current or Planned Use(s)

Public Reporting

6.1.3 Current Use(s)

Public Reporting

Exclusions

Not applicable for the composite. The denominator for component indicators has exclusion criteria as shown in the technical specifications.

Risk Adjustment

No risk adjustment or risk stratification

Target Population

Children

Steward Organization

Agency for Healthcare Research and Quality

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