

CBE ID

0303

Title

Late sepsis or meningitis in neonates (risk-adjusted)

Project

Perinatal and Reproductive Health Endorsement Maintenance

Endorsement Status

Endorsement Removed

Is Under Review

No

Previous Endorsement Cycle

Full Year 2012

Removal Date

Mon, 05/07/2012 - 20:00

Initial Endorsement

Wed, 11/14/2007 - 19:00

Steward

Vermont Oxford Network

1.0 New or Maintenance

Maintenance

1.1 Measure Structure

Single Measure

1.3 Electronic Clinical Quality Measure (eCQM)

No

1.6 Measure Description

Standardized rate and standardized morbidity ratio for nosocomial bacterial infection after day 3 of life for very low birth weight infants, other infants who are admitted to a neonatal intensive care unit within 28 days of birth and other infants who die in a hospital within 28 days of birth.

1.7 Measure Type

Outcome

1.8 Level of Analysis

Facility

1.9 Care Setting

Inpatient/Hospital

1.14 Numerator

Eligible infants with one or more of the following criteria: Criterion 1: Bacterial Pathogen. A bacterial pathogen is recovered from a blood and/or cerebral spinal fluid culture obtained after Day 3 of life. OR Criterion 2: Coagulase Negative Staphylococcus. The infant has all 3 of the following: 1. Coagulase negative staphylococcus is recovered from a blood culture obtained from either a central line, or peripheral blood sample and/or is recovered from cerebrospinal fluid obtained by lumbar puncture, ventricular tap or ventricular drain. 2. One or more signs of generalized infection (such as apnea, temperature instability, feeding intolerance, worsening respiratory distress or hemodynamic instability). 3. Treatment with 5 or more days of intravenous antibiotics after the above cultures were obtained. If the infant died, was discharged, or transferred prior to the completion of 5 days of intravenous antibiotics, this condition would still be met if the intention were to treat for 5 or more days.

1.15 Denominator

Eligible infants who are in the reporting hospital after day 3 of life.

1.20 Types of Data Sources

Registry data

6.1.2 Current or Planned Use(s)

Public Reporting, Quality Improvement (Internal to the specific organization), Quality Improvement with Benchmarking (external benchmarking to multiple organizations)

6.1.3 Current Use(s)

Public Reporting, Quality Improvement (Internal to the specific organization), Quality Improvement with Benchmarking (external benchmarking to multiple organizations)

Exclusions

Exclude patients who do not meet eligibility criteria for birth weight, gestational age or NICU admission. Exclude infants who are discharged home, transferred or die prior to day 3 of life.

Risk Adjustment

Statistical risk model

Target Population

Children

Steward Organization

Vermont Oxford Network

Steward POC email

banderson@vtoxford.org