2025 eCQM Flow
Identifier: PC-06 v5

Unexpected Complications in Term Newborns

Unexpected complications among full term newborns with no preexisting conditions.

The Joint Commission

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Sample Calculation (a rate per 1000 livebirths)

Performance Rate = $\frac{\text{Numerator (a = 10 patients)}}{\text{Denominator (b=1000 patients) – Denominator Exclusions (c=10 patients)}}$ * 1000 = 10.1 per thousand livebirths

Stratification 1 = $\frac{\text{Numerator (a1 = 3 patients)}}{\text{Denominator (b=1000 patients) – Denominator Exclusions (c=10 patients)}}$ * 1000 = 3.0 per thousand livebirths

Stratification 2 = $\frac{\text{Numerator (a2 = 7 patients)}}{\text{Denominator (b=1000 patients) – Denominator Exclusions (c=10 patients)}}$ * 1000 = 7.1 per thousand livebirths

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Measure Flow Narrative

Measure Description
This measure assess the unexpected complications among full term newborns with no preexisting conditions

Initial Population
Inpatient hospitalizations for single live term newborns who were born in the hospital with a discharge date during the measurement period and with either of the following conditions:

- an estimated gestational age at birth of >=37 weeks
- a birth weight >= 3000 grams without an estimated gestational age at birth

Denominator
The Denominator is the same as the initial population

Denominator Exclusions
The denominator exclusions criteria identify a subset of the denominator population by excluding inpatient hospitalizations for newborns who were born with congenital malformations and genetic diseases, pre-existing fetal conditions, or maternal drug use exposure in-utero

Numerator
The numerator criteria identify a subset of the denominator population (that did not meet the denominator exclusions criteria) by including inpatient hospitalizations for newborns with severe or moderate complications

Severe Complications as any of the following conditions:

- Discharge status of patient expired or discharged to an acute care facility
- Severe morbidities diagnoses, including:
  - Severe birth trauma
  - Severe hypoxia asphyxia
  - Severe shock and resuscitation
  - Neonatal severe respiratory complications
  - Neonatal severe infection
  - Neonatal severe neurological complications
- Severe morbidities procedures, including:
  - Severe shock and resuscitation procedures
  - Neonatal severe respiratory procedures
  - Neonatal severe neurological procedures
- Severe septicemia with length of stay more than 4 days

Moderate Complications as any of the following conditions:

- Moderate complications diagnoses, including:
  - Moderate birth trauma
  - Moderate respiratory complications
- Moderate complications procedures, including:
  - Moderate respiratory complications procedures
- Vaginal delivery with length of stay more than 2 days OR cesarean birth with length of stay more than 4 days, who have any of the following:
  - Moderate complications diagnoses, including:
    - Moderate Birth Trauma
    - Moderate Respiratory complications
    - Moderate Infection
  - Moderate complications procedures, including:
    - Moderate neurological complications procedures
    - Moderate respiratory complications procedures
- Length of stay more than 5 days without jaundice and social indications