

## TIPQC TTB – CLD Case Report Form

Please capture a record for every infant born at 29.6 or less weeks gestation admitted to your NICU for care.

- All inborn and outborn infants (transfers) admitted within 24 hours of birth should be captured.
- In the case of multiples (e.g., twins), a record should be captured for each infant.
- **Exclude** infants that died in the delivery room in your data collection.
- **Exclude** infants that died within 24 hours of admission to your unit from data collection.

**FOR INTERNAL TRACKING ONLY:**      Mother's MRN \_\_\_\_\_ (if delivered at your facility)  
Newborn's MRN \_\_\_\_\_  
SimpleQI Record ID (automatically assigned) \_\_\_\_\_

### Infant and Maternal Details

Date of birth (MM/DD/YYYY) \_\_\_\_\_

Location of birth       Inborn   /    Outborn (including home births)

*If Outborn,*

*REMINDER: capture records on only those outborn infants admitted  $\leq$  24 hours of life*

Date of admission (MM/DD/YYYY) \_\_\_\_\_

Hours of life at admission \_\_\_\_\_

Birth weight (grams) \_\_\_\_\_

Gestational age, completed weeks \_\_\_\_\_ Gestation age, days (0-6) \_\_\_\_\_

Multiple birth?  No   /    Yes – number of infants delivered \_\_\_\_\_ (2-8)

*REMINDER: Capture one record for each infant born meeting target criteria.*

Mother's race /Ethnicity    Non-Hispanic White   /    Non-Hispanic Black or African American

Hispanic

Other (includes other races (e.g., Asian), unspecified/unknown and bi-/multi-racial)

Mother's insurance    Medicaid (includes CHIP and TennCare/Medicare)   /    Private insurance

Other public insurance (includes military insurance, HIS, other state or federal source)

Uninsured (includes self-pay, those who are not charged for services)

### Process Measures

1. Did the mother receive any antenatal steroids?

Yes   /    No   /    Unknown

If yes, did the mother receive at least 2 doses of steroids?

Yes   /    No   /    Unknown

2. Did the mother receive antenatal Magnesium Sulfate (MagSO4)?

Yes /  No /  Unknown

3. Did the infant receive CPAP at +5 to +6 cm of H2O pressure in the delivery room?

Yes /  No /  Unknown

4. Was the infant diagnosed with RDS within the first 2 hours of life?

RDS is defined as need for  $FiO_2 > 0.30$  on CPAP  $\geq 6$  cm of H2O pressure or need for mechanical ventilation within the first 2 hours of life?

Yes /  No /  Unknown

IF YES, did the infant receive surfactant within the first 2 hours of life?

Yes /  No /  Unknown

5. Did the infant receive caffeine within 24 hours of birth?

Yes /  No /  Unknown

6. Did the infant receive dexamethasone for BPD?

Yes /  No /  Unknown /  The infant was not diagnosed with BPD

If yes, Day of Life medication initiated? DOL = \_\_\_\_\_

7. Was the infant intubated for respiratory distress?

Yes /  No /  Unknown

If yes, did the infant have an extubation failure (defined as reintubation within 7 days of elective extubation)?

Yes /  No /  Unknown

If yes (infant had an extubation failure), Day of Life on first planned attempt at extubation?

DOL = \_\_\_\_\_

8. Was the infant on Nasal Cannula (any  $FiO_2$  flow rate) between 35.5 and 36.0 weeks PMA?

Yes /  No /  Unknown

If yes, did the infant receive a Room Air Trial between the ages of 35.5 and 36.0 weeks PMA?

Yes /  No /  Unknown

## Balancing Measures

#1. Did the infant have a pneumothorax?

Yes /  No /  Unknown

#2. Did the infant develop Grade 3 or 4 IVH?

Yes /  No /  Unknown

(Note: Data entered for infants receiving dexamethasone for BPD will also be utilized as a balancing measure – Balancing Measure #3)

## Outcome Measures - Disposition Status

Did the infant discharge prior to 36 weeks PMA?

Yes /  No

***If yes***, what was the infant's final disposition?

Home – No oxygen /  Home with oxygen /  Died /  Transferred to another hospital

***If no, at 36 weeks PMA***, did the infant have a diagnosis of any BPD?

Yes /  No /  Unknown

**If yes, Grade of BPD diagnosed:**

- Grade 1 BPD, nasal cannula  $\leq 2$  L/min
- Grade 2 BPD, nasal cannula  $> 2$  L/min or noninvasive positive airway pressure; and
- Grade 3 BPD, invasive mechanical ventilation.

Grade 1 BPD /  Grade 2 BPD /  Grade 3 BPD

**If the baby had BPD at 36 PMA, what was the infant's final disposition?**

Home – No oxygen /  Home with oxygen /  Died /  Transferred to another hospital

---

### Data Entry Notes:

1. You may open each infant record in SimpleQI multiple times, **until finalized**. Once finalized, the record would have to be deleted and re-entered to make any changes.
2. Team data (graphs) is not available until 24-48 hours after records have been finalized.
3. All **Structure Measures** are entered directly into the Measure Section of the CLD Project on the SimpleQI platform.