



SETRAC NICU Antibiotics Timeliness DOL 0-7

- **Measure-** Percentage of NICU infants receiving antibiotics in the first week of life **more than 1h** after order/birth (if order placed prior to birth)
- **Current percentage-** **29%** in 2024 Q1-3
- **Project goal-** decrease percentage to **25%** by December 2025

Tiered Strategies for Improvement

- Hospitals are encouraged to form a combined **NICU/Pharmacy Antibiotics Timeliness Task Force**
- Resources can be found at www.setrac.org/perinatal under the Antibiotics timeliness tab
- Certificates of Merit will be awarded annually by SETRAC to units demonstrating achievement in timely antibiotics administration

Bronze Level

- 20-30% receiving antibiotics more than 1h after order/birth
- Focus on **Education** to providers, nursing, and pharmacy staff
- **QI or Task Force** that includes Neo, RN, AND pharmacy
- Implement process change and post it in NICU/Pharmacy

Silver Level

- 10-20% receiving antibiotics more than 1h after order/birth
- Focus on **Site Specific** interventions depending on cause of delay (Access, order placement, pharmacy delivery, administration)
- Continue education to newer nursing and pharmacy staff

Gold Level

- $\leq 10\%$ receiving antibiotics more than 1h after order/birth
- Focus on **case by case** review and debriefing

Acting fast matters- Sepsis continues to be to a mortality/morbidity risk for NICU infants