

## Global Aims

To optimize care delivery practices for infants born in the state of Alabama.

## SMART Aims

By July 1, 2025, in infants born at <32w GA:

- 1) Outcome: Increase the proportion of infants receiving delayed cord clamping by 20%
- 2) Outcome: Reduce the proportion of infants that are intubated at delivery by 20%
- 3) Outcome: Reduce the proportion of infants with intraventricular hemorrhage by 20%

## Population

Infants born at delivery hospitals in the state of Alabama born at <32w gestational age.

# Golden Hour Key Driver Diagram

## Drivers

Preparation for high risk deliveries

Standardization of delayed cord clamping process

Noninvasive respiratory support optimization

Real time identification of opportunities for improvement

Provide resources to staff, patients, and families

## Interventions

Checklist for high risk deliveries

Brief all deliveries of infants born at <32 weeks' gestation

Guidelines with clear inclusion/exclusion criteria

Script for L&D and NICU communication that includes DCC

Guidelines for intubation criteria

Use of CPAP within 60s after birth

Continuous monitoring within 2 minutes after birth

Avoidance of intubation if possible

Debrief all deliveries of infants born at <32 weeks' gestation

Systematic dissemination of best care practices to stakeholders

Systematic dissemination of care practice performance