

Optimal Cord Clamping

Key Driver Diagram



Aims

Primary Drivers

Secondary Drivers

Change Ideas / Potentially Better Practices (PBPs)

Project

To increase to 90% the percent of infants born in participating TN delivering facilities that do not have their umbilical cord clamped until at least 60 seconds after birth by March 2023.

Global

To promote Optimal Cord Clamping (OCC) in all infants born in Tennessee to support better outcomes.

Readiness & Support

Recognition & Implementation

Performance & Measurement

Education & motivation of all providers attending deliveries

Parent engagement & education

Policies & procedures

Informed decision making

Optimization of delivery room

Data capture, tracking, & reporting

Identify key obstetricians to serve as advocates of OCC & contact points for disseminating accurate & consistent recommendations

Accept standard of care from national organizations (WHO, ACOG, AAP, AAFP, etc.)

Educate providers on physiology, background, & evidence-based studies supporting OCC & OCC's low-risk to mother

Provide simulation training, OCC education, toolkits, & resource maps for providers.

Provide parent education on benefits of OCC & encourage discussion with providers

Develop/revise an evidence-based policy to promote acceptance adherence

Implement protocol for identifying infants eligible for OCC

Ensure delivery room has timer & dedicated personnel at delivery

Provide flow chart (based on the developed protocol) for reference in every delivery room

Integrate documentation into EMR

Track & share metrics (performance) – institution- & provider-level

Compare performance to similar institutions

Conduct case reviews (specific cases)