

# Perinatal Quality Collaborative of North Carolina

## Birth Certificate Pilot



# Birth Certificate Pilot Charter

### **Problem Statement:**

Birth certificates provide a critical source of information on birth and birth outcomes and the health of mothers and babies. Studies have shown uncertainties about the accuracy and timeliness of information recorded in such data limits its use for policy decisions, quality improvement (QI) efforts, and research. North Carolina is no exception. Surveys of current data for key birth certificate fields have revealed marked under-reporting. If accurately reported fields like use of antenatal steroids, maternal hypertension, previous C-section, NICU admissions, maternal smoking and newborn evaluation for infection could be key elements in driving statewide efforts to improve maternal and newborn care in North Carolina.

### **Mission:**

The PQCNC Birth Certificate Accuracy perinatal quality improvement teams (PQITs) from the chosen pilot sites will share strategies and lessons learned to track performance, identify specific areas of focus, develop potentially better practices and employ QI methodologies to establish a standardized process of data abstraction within North Carolina hospitals including:

- Identification and spread of best practices for data entry and verification
- Partner with patients and families to optimize timing and accuracy of birth data collection
- Identify and address disparities in data collection practice

### **Aim:**

- By May 2019, the chosen pilot sites in NC hospitals will utilize defined best practices to create a standard practice for abstracting, verifying, submitting and auditing birth certificate data.

### **Scope:**

Working with 8 pilot Birth Certificate Accuracy PQIT's in North Carolina, teams will improve the accuracy of 10 key birth certificate variables to 80% to support public health and quality improvement efforts

**Method:**

Invite teams comprised of birth registrars and team members from the labor and delivery service, newborn nursery and neonatal intensive care, where applicable, to participate in the collaborative organized by PQCNC including learning sessions, web conferencing, coaching, and on-site person to person visits, to support PQIT's use of quality improvement strategies to implement elements of the driver diagram.

**Measurement Strategy:****Outcomes/Goal Statement:**

To create a standard of care in PQCNC hospitals that:

- Develop and implement consistent on-boarding practices for new hires and continued mandatory training in 100% of participating sites
- Promote an efficient and accurate birth information collection process in 100% of participating sites
- Improve the reporting accuracy to at least 80% for the chosen 10 variables based on auditing of charts at each facility
- Develop a monthly sustainable internal auditing process for data verification in 100% of participating sites



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