



“Partners in Perinatal Quality”

July 2011

TIPQC and Regional Learning Sessions on High Reliability



Dr. Peter Grubb shares data during the Summer Learning Session.

Are you a High Reliability Organization (HRO)?

According to the Agency for Healthcare Research and Quality, “A growing number of hospitals are using high reliability tools to help achieve their safety, quality, and efficiency goals. Creating a culture of processes that radically reduced system failures and effectively respond when failures do occur.”

<http://www.ahrq.gov/qual/hroadvice/hroadvice1.htm> Roger Resar, MD from the Mayo Health Systems and The Institute for Healthcare Improvement recommends that improvement teams incorporate high reliability science to increase reliability in care and processes as well as sustain long term gains.

<http://www.ihl.org/IHI/Topics/Reliability/ReliabilityGeneral/EmergingContent/BeyondIMPACTAudioPresentationonReliability.htm>

The Summer Regional Meetings had over 100 participants from both NICU and Obstetrics learning how to apply these HRO concepts and tools to their organization, practice, and TIPQC projects. As we look at the data across the state, we are finding that many of our teams are taking their systems to a higher

level of reliability as they use more sophisticated Level 2 and Level 3 strategies and change concepts.

For more information on HRO concepts and tools please ask your team members who attended our Summer Regional Meetings, visit <http://tipqc.org/meetings/regional-meetings/> or <http://tipqc.org/jit/definitions/reliability-theory/>.

As our teams discovered this summer, applying lessons of reliability engineering holds promise of new levels of consistency and improved quality, sustaining and holding the amazing gains that are taking place across the state.

Project Updates

All current project updates can be found on our Projects Page at www.TIPQC.org.

OB—Reducing Elective Deliveries before 39 Weeks

New teams continue to join across the state. The TIPQC Maternal Initiatives Project Manager is available to discuss your joining or involvement in this project, or other maternal projects. <http://www.tipqc.org/projects>

OB—TN Breastfeeding Promotion

Pilot testing continues with: OBGyn Specialists PC, Memphis TN, ETSU Physicians and Associates OBGyn, Johnson City, TN, Obstetrics at St. Francis, UTHSC, Memphis, TN, and Medplex Clinic, Memphis, TN. <http://www.tipqc.org/projects>

NICU—Human Milk for NICU Infants Project

Seventeen teams have joined this project, and are seeing their preliminary baseline data, and evaluating results from their first PDSA cycles. For more information, please visit: <http://www.tipqc.org/projects>

NICU—CLABSI Reduction

Continued improvements across the state!

For the 12 month update please see: <http://www.tipqc.org/projects>

ABP MOC approval has been granted this project; please visit the Forum for details! <http://www.tipqc.org/projects>

NICU--Admission Temperature Project

July Sustainment webinar this month. To view the state aggregate data over the lifetime of this project, please see: <http://www.tipqc.org/projects/temp-project/after-one-year-sustainment/>

ABP MOC approval has been granted this project; please visit the Temperature Forum for details! <http://www.tipqc.org/projects>

NICU--Golden Hour

Development has begun with three project teams: The Med, Baptist Hospital, Methodist Hospital - Germantown. <http://www.tipqc.org/projects>

NEW PROJECTS FOR 2011-2012

NICU—Follow Up Network

Development has begun within the 5 regional perinatal centers. The teams are finalizing their data form, IRB, and toolkit, and hope to be piloting soon. <http://www.tipqc.org/projects>

NICU—Undetected CCHD Registry

Development has begun with the pilot teams with Monroe Carell Jr. Children's Hospital leading this project. <http://www.tipqc.org/projects>

NICU—Neonatal Abstinence Management

Piloting will begin soon with East Tennessee Children's Hospital leading this project, along with UT Knoxville and St. Mary's Hospital. <http://www.tipqc.org/projects>

OB—Maternal Mortality Review

This project will initially work with the TN state legislature to establish a statewide maternal mortality review and will be led by Suzanne Baird, RN, Connie Graves, MD and Janice Whitty, MD. <http://www.tipqc.org/projects>