ILPQC Golden Hour Teams Call

June 20, 2017
2:00 – 3:00 pm
Introductions

• When called on, please tell us:
  • Name
  • Role
  • Institution

• Please also enter this information into the chat box!
Overview

• Updates from Neonatal Advisory Workgroup
• Golden Hour Next Steps
• Golden Hour Data update on focus measures
• Team communications - Debriefs
• Team Talks – Sharing Strategies for Sustainable Improvement
• Discussion
• Next Steps
Updates from the ILPQC Neonatal Advisory Group

• Looking at linking Neonatal Advisory Group Members with Perinatal Networks to provide mentorship and support on Golden Hour

• Providing outreach calls to teams still working on improvement towards goals – outreach based on focal measure of the month
Neonatal Advisory Group: Composition

• Advocate Children’s Hospital (3)
• Ann & Robert H. Lurie Children’s Hospital of Chicago (8)
• Cardinal Glennon Medical Center (2)
• Carle Foundation Hospital
• Central DuPage Hospital, Northwestern Medicine
• Comer Children’s Hospital, University of Chicago Medicine (2)
• Evanston Hospital, NorthShore University HealthSystem
• Northwestern Memorial Hospital
• Rush University Children’s Hospital (2)
• St. John’s Children’s Hospital
• 9 MDs, 7 RNs

• What are the next steps to recruit members from other hospitals (e.g. Networks: Stroger, UIC, Rockford, St. Francis)
Golden Hour Goals

**Aim:** Implement resuscitation checklist of evidence-based practices with brief and debrief of the OB and nursery team in 80% of high-risk deliveries by December 2017 to reduce the rate of infants with chronic lung disease, retinopathy of prematurity and intraventricular hemorrhage

- Delivery room team communication (brief, debrief, checklist)
- Delivery room clinical practices (CPAP, surfactant, timed cord clamping)
- Family engagement (family contact pre-delivery, family present at resuscitation and NICU admission)
- Neonatal intensive care unit (NICU) admission (standardize admission, intravenous glucose and antibiotics, admission temperature)
Golden Hour Team Calls Schedule

- June 20: Team Communications - Debriefs
- July 18: Patient and Family Engagement
- August 15: IV Glucose and Temperature in Range at NICU Admission
- September 19: Delayed Cord Clamping
- October 17: Sustainability

ILPQC will contact teams in advance of the meeting date who have demonstrated recent improvements for sharing of strategies on the monthly teams calls.
Golden Hour: Remainder of 2017

- All team communications measures (80% or greater)
  - Pre-brief
  - Checklist
  - Debrief
- All family engagement measures (90% or greater)
  - Pre-resuscitation
  - During resuscitation
  - At NICU admission
- Temperature of infants upon NICU admission at 36.5-37.5°C (90% or greater)
- Delayed cord clamping (80% or greater)
Neonatal Golden Hour: Communication Practices

ILPQC: Golden Hour Initiative

Communication Practices: Percent of Deliveries Utilizing Delivery Room Checklist, Prebrief, & Debrief

All Hospitals, 2015-2017
Neonatal Golden Hour: Family Engagement

ILPQC: Golden Hour Initiative
Family Practices: Percent of Families Receiving Pre-Contact, Present During Admission, and Present During Resuscitation
All Hospitals, 2015-2017
Admission Practices – Temperature and IV Glucose

ILPQC: Golden Hour Initiative

Admission Practices: Percent of Admitted Infants who are Between 36.5-37.5°C on Admission (<32 weeks) & who Received IV Glucose within 1 Hour of NICU/Specialty Care Nursery Admission

All Hospitals, 2015 - 2017

Percent of Admitted Infants

IV Glucose

Temperature

[Graph showing trends over time for IV Glucose and Temperature]
Delivery Room Practices—DCC, Temp Probe & CPAP

ILPQC: Golden Hour Initiative
Delivery Room Practices: Percent of Eligible Infants with Temp Probe Initiated within 10 minutes, Initially Stabilized with CPAP Trial, & Timed Cord Clamping 30-60 Seconds
All Hospitals, 2015-2017
Neonatal Golden Hour: Communication Practices

ILPQC: Golden Hour Initiative

Communication Practices: Percent of Deliveries Utilizing Delivery Room Checklist, Prebrief, & Debrief

All Hospitals, 2015-2017
Golden Hour Team Talks
System and cultural factors and strategies supporting consistent use of debriefs:

• St. John’s, Springfield (Venkata Majjiga)
• Northwestern, Chicago (Ann Downey)

Sharing on strategies resulting in recent improvements:

• Advocate Condell Medical Center
• Cardinal Glennon Children’s Hospital
• St. Alexius Medical Center
Golden Hour Debriefs: Barriers & Strategies

• Increase rate of debriefs by including de-briefing questions in Checklist at the end:
  – What did we do well?
  – What can we improve upon?
  – Do we need to follow up on any items?

• The person who is recording on the checklist automatically asks the participants how it went

Golden Hour: Focus through End of 2017

- Calls on goals, barriers and strategies for improvement, team talks, collaborative learning, and discussion

- Participate in sharing strategies for improvements in the following areas on team calls (3rd Tuesday):
  - July: All family engagement measures
  - August: Temperature of infants upon admission and IV glucose
  - September: Implementation of delayed cord clamping
  - October: Sustainability
Golden Hour Initiative Next Steps

- Submit May/June data as soon as possible
- Reach out to ILPQC with any QI/data support questions!
- Email info@ilpqc.org with any questions!
THANKS TO OUR SPONSORS

ILLINOIS CHIPRA
Quality Demonstration Project
Improving Child Health and Medical Homes for Illinois All Kids

march of dimes

IHA Illinois Hospital Association

CDC

IDPH