2015 Annual Quality Congress
Learning Fair Abstracts & Poster Board Assignments

• Poster Board assignments are noted in red next to each abstract title.
• Click on blue text to view related abstract.

Antibiotic Stewardship

Royal Infirmary of Edinburgh
• Reducing Necrotising Enterocolitis in VLBW Infants- a Quality Improvement C 2

Royal Jubilee Maternity Hospital
• Quality Improvement Project to Minimise Time Delays in Total Parenteral Nutrition (TPN) and Intravenous (IV) Antibiotics Administration C 3

Bereavement

Riley Hospital for Children
• Improving Physician Phone Call Follow-Up with Families after an Infant Death in the Neonatal Intensive Care Unit E 11

Royal Maternity Hospital
• The Neonatal Bereavement Group – Trying to Make a Difficult Time Easier E 12

Communication and Teamwork

Cape Fear Valley Medical Center
• Improving Interdisciplinary Communication in a Neonatal Intensive Care Unit (NICU) E 7

Royal Infirmary of Edinburgh
• It’s good to talk: improving communication in the neonatal unit E 8

Family Centered Care

Beth Israel Deaconess Medical Center
• Skin to Skin: Every Baby Wins! Increasing Skin to Skin Rates in a Level III Neonatal Intensive Care Unit B 15

Boston Medical Center
• Increasing Daily Reading to Infants by Parents in the NICU: A Pilot Program of Reach out and Read (ROR) at Boston Medical Center B 18

Brigham and Women’s Hospital
• **Improving Daily Communication of Medical Information from Physicians to Parents in the NICU**  
  B 22

Canadian Premature Babies Foundation (*abstract not available*)
• The Canadian Premature Babies Foundation’s Mandate  B23

Helen DeVos Children's Hospital
• **Alarm Fatigue: Reducing Noise in the NICU**  B 24

Saint Joseph Regional Medical Center
• **Website Credibility Enhancement for Families: Emphasizing Family-Centered Care**  B 16

Salem Hospital
• **Evolving Family Centered Care: Integrating Families into Provision of Care of Their Baby in the NICU**  B 17

South Shore Hospital
• **Parent Presence During Invasive Procedures**  B 20

St. Alexius Medical Center
• **Partnering with families at the St Alexius Neonatal Intensive Care Unit**  B 21

Ulster Hospital Neonatal Unit
• **Virtual visitation in Neonatal Unit – Improving patient experience in a district general hospital**  B 14

UMass Memorial Healthcare
• **Developing and Implementing Kangaroo Care Practice in the NICU**  B 19

**Fellows**

Albany Medical Center
• **Reducing Unplanned Extubation in the NICU: A Quality Improvement Project**  B 3

Children's Hospital at Montefiore
• **Prevention of Unplanned Extubation Events in the Neonatal Intensive Care Unit (NICU): A Quality Improvement Initiative**  B 2

Children's Hospital at Montefiore
• **Noise Reduction in the Neonatal Intensive Care Unit - A Quality Improvement Initiative**  B 1

Medical University of South Carolina Children's Hospital (MUSC)
• **Minimizing the Number of Radiographs in Neonatal Peripherally Inserted Central Catheter (PICC) Series**  B 8
## Multicenter Study

- **Construction of a Clinically Relevant Spanish Decision-aid for Extremely Premature Birth**
  - B 13

## Nationwide Children's Hospital, Columbus

- **Golden Hour for Extremely Premature Infants: Improving time to NTE and Administration of IVF and Antibiotics**
  - B 9

## Penn State Hershey Children's Hospital

- **Quality Improvement (QI) Initiative on Reducing the Incidence of Necrotizing Enterocolitis**
  - B 4

## Rainbow Babies and Children's Hospital

- **Evaluation of an optimized neonatal parenteral nutrition protocol for the prevention of growth restriction and nutritional deficits**
  - B 6

## Rainbow Babies and Children's Hospital

- **Use of an Intranet Website to Improve Quality Measures in the Neonatal Intensive Care Unit**
  - B 7

## Texas Childrens Hospital

- **An Effort To Minimize Sleep Cycle Interruptions Of NICU Patients By The Caregivers**
  - B 10

## University of Maryland Medical Center

- **Surfactant Administration and Respiratory Care During the Golden Hour**
  - B 5

## Yale University School of Medicine

- **Improving Delivery Room Management of Very Low Birth Weight Infants**
  - B 11

## Yale University School of Medicine

- **“Golden Hour” Thermoregulation of Extremely Low Birth Weight Infants**
  - B 12

### General Research

## Baylor Health

- **A Safe Pressure Relief Hydrogel Device For Neonates: Part of a Plagiocephaly Prevention Program**
  - I 6

## Santa Clara Valley Medical Center

- **Team Based Data Collection Model to Optimize Data Integrity and Exchange for Quality Improvement**
  - I 7

### Golden Hour

## Children's Hospital at University of Mississippi Healthcare

- **Time is Golden: Standardizing Delivery Room Resuscitation and NICU Admission Processes**
  - E 4
Huntsville Hospital
- Standards-of-Care Impacts on Thermoregulation & the Preterm Neonate E 3

Thomas Jefferson University Hospital
- Icy Infants QI Project: Very Low Birth Weight Infants and Admission Temperature E 2

University of Kentucky Children's Hospital
- Development of a Golden Hour Protocol for Extremely Low Birth Weight Infants to improve quality of care E 5

**Improving Surgical Care**

Improving Surgical Care CHOC Children's Hospital
- Reducing Hypothermia in Infants Returning Post op from OR to NICU C 9

Hackensack University Medical Center
- Improving communication and quality measures for neonates needing surgery C 8

Metro Health Medical Center
- Early versus Late Inguinal Hernia Surgical Repair in Low Birth Weight Infants C 10

University of Mississippi Medical Center
- Safe Sojourn to the OR from the NICU: A Multidisciplinary Approach to Improving Perioperative Care of Newborns C 11

**Micropremature Infant Care**

Advocate Children’s Hospital, Park Ridge
- Advanced optimization of nutrition management focused on a human milk diet for infants born <1250 gm D 9

Baptist Children’s Hospital of Miami
- The Golden Hour Project D 8

Carle Foundation Hospital
- Micro-Preemies....Macro Outcomes D 6

Children’s Hospital of Illinois (CHOI)
- Stamping Out the Micro-Preemie Gap D 10

Childrens Hospitals and Clinics of Minnesota, St. Paul and Minneapolis
- Improving Micropreemie Survival Without Morbidity by Reducing Chronic Lung Disease Utilizing a Standardized Approach to Non-invasive Respiratory Support D 19

The Children’s Hospital at Providence, Alaska
- Outcomes after Implementation of a Micropreemie Care Team D 16
Helen DeVos Children's Hospital
- An Innovative Approach to Culture Transformation and Promotion of Developmentally Supportive Care to Improve Outcomes in Micropremies

Legacy Health System - Randall Children's Hospital, Legacy Salmon Creek
- Standardized care for Micropremature Infants: Implementing a Comprehensive Small Baby Protocol

Legacy Salmon Creek Medical Center
- Improving ELBW Resuscitation with a Standardized Delivery Room Flowsheet; Tracking Performance with a Modified “One Hour APGAR” Score

Lucile Packard Children’s Hospital
- The Micropreemie Project: Improving survival without morbidity

Miami Valley Hospital
- A Framework of Care for ELGAN Infants through a Small Baby Team

River Oaks Health System
- “War on Infection” Initiative to decrease Late Infections and CLABSI in the NICU

Rockford Memorial Hospital
- Improving the Care of the Micro Premie Infant

Saint Barnabas Medical Center
- Devoting a Room for Small Baby Care to provide age-specific, neuroprotective, developmentally supportive care to Micro-Premature Infants (22-25 weeks gestation)

Shady Grove Adventist Hospital
- Improving the Care of the Micropremature Infant

Sunnybrook Health Sciences Centre
- Implementation of a new algorithm for the initial respiratory management of Extremely Low Gestational Age Neonates (ELGAN's)

University of Michigan, Brandon NICU at C. S. Mott Children’s Hospital
- A Multisystem Approach to Improve Survival Without Morbidity for the Micropremature Infant Brandon NICU at C.S. Mott Children’s Hospital

WakeMed Health and Hospital
- Development of a ≤ 30 Week EGA Golden Hour Guideline

WakeMed Health and Hospital
- PREDICT Project: Pre- and Intra-Delivery Developmental Care Team Project
Woman's Hospital

- Reducing Chronic Lung Disease in Micropremature Infants  

Neonatal Abstinence Syndrome

Albany Medical Center

- Simulation: Bridging the Education Gap in the Single Room Design  

Baptist Medical Center, San Antonio

- Delaying NICU Admission for NAS Babies of Methadone Only Mothers Improves Outcomes  

Carilion Clinic Children's Hospital

- Examination of an Outpatient Approach to the Treatment of Neonatal Abstinence Syndrome  

Catholic Medical Center

- Improving the Experience of Families Hospitalized Due to Substance Exposure  

Catholic Medical Center

- Barriers Preventing Parents from Participating in their Substance Exposed Infant's Care  

Dartmouth Hitchcock Medical Center

- Improved family-centered care at lower cost: Rooming-in to treat neonatal abstinence syndrome  

Fairbanks Memorial Hospital

- Neonatal Abstinence Syndrome: Incidence Assessment and Management Standardization for Improved Care in North-Central Alaska  

Helen DeVos Children's Hospital

- Improving the Consistency of Care for Families Affected by NAS  

Mercy Children's Hospital, Toledo

- A Quality Improvement (QI) Project to Reduce Length of Stay (LOS) in Infants with Neonatal Abstinence Syndrome (NAS)  

Nationwide Children's Hospital, Columbus

- Implementing an Education Program to Increase Breastfeeding in Neonates Diagnosed with Neonatal Abstinence Syndrome  

Overland Park Regional Medical Center

- Standardizing Medical Management and Pharmacologic Treatment of all Neonatal Abstinence Syndrome Patients  

Santa Clara Valley Medical Center

- Optimizing Care of Substance Exposed Mothers and Infants at Risk for NAS  
Shawnee Mission Medical Center/Children’s Mercy Hospital
- Standardized Approach to Medical Management of Neonatal Abstinence Syndrome (NAS)  G 35

Shawnee Mission Medical Center/Children’s Mercy Hospital
- Multifaceted Approach to the Care of Neonatal Abstinence Syndrome  G 34

Shawnee Mission Medical Center/Children’s Mercy Hospital
- Expansion of an Educational Process for Families at Risk for Neonatal Abstinence Syndrome (NAS)  G 33

Sparrow Hospital
- Reliable Finnegan Scoring in the Neonatal ICU  G 38

St. Vincent Healthcare
- Reducing Length of Stay and Improving Family Centered Care for Narcotic Exposed Infants  G 26

University of South Alabama Children’s and Women’s Hospital
- Implementation of a Prenatal Parent Education Program for Families at Risk for NAS  G 28

**Optimizing Nutrition**

Baptist Memorial Hospital for Women, Memphis
- NICQ Next Abstract 2015: Optimizing Nutrition/Minimizing NEC  G 13

Betty H Cameron Women’s & Children’s Hospital at NHRMC
- NICQNext 2014-15: Optimizing Nutrition & Minimizing Necrotizing Enterocolitis  G 7

Children’s Hospital of San Antonio
- Improving Breast Milk Nutrition in Neonatal Services  G 15

Children’s Memorial Hermann Hospital
- Improving mother’s own breast feeding rates to decrease the incidence of Necrotizing Enterocolitis  G 9

CHOC Children’s at Mission
- “Breastfeeding for Success Bundle” and Team Building Takes Root for Two NICU’s  G 14

INOVA Children’s Hospital
- Food For Thought: Building Bright Futures One Feeding at a Time  G 12

Massachusetts General Hospital
- Inter-Hospital Variation in Growth Outcomes and Improvement Using a Quantitative Metric  G 17
Mayo Clinic
- Increasing exposure to maternal milk during the early hours of life for infants admitted to the NICU G 5

Meriter Hospital
- Decreasing NEC by Increasing Availability of Own Mother's Milk during First 28 Days in Meriter UnityPoint NICU G 20

Regional One Health
- “Brains- Not Just Brawn” Initiative to optimize nutrition in VLBW infants in NICU G 18

Royal Jubilee Maternity Hospital
- Improving Maternal Breast Milk Usage in the High Risk Neonatal Population G 11

Royal Maternity Hospital
- CQuINN (Collaborative Quality Initiative in Neonatal Nutrition) – The Story so Far G 19

Santa Clara Valley Medical Center
- Feeding Errors in Neonatal Intensive Care Unit (NICU) Graduates during the Transition from Hospital to Home G 16

St. Dominic's Hospital
- Feeding at Discharge: Increasing the Percentage of Patients on Own Mother’s Milk G 10

University of Arizona and Cardon Children's Medical Center
- Responsiveness and Prediction of GutCheckNEC for Necrotizing Enterocolitis G 6

Wesley Medical Center
- Exclusive Human Milk Feeding G 8

**Oxygen and Alarms**

Children's Hospital of Illinois (CHOI)
- Alarm Fatigue and Safety - Children’s Hospital of Illinois A 28

The Children’s Hospital at Providence, Anchorage, Alaska
- It's Alarming A 25

Connecticut Children’s Medical Center
- Reducing Oximeter Alarm Desensitization through Regular Intervals Promoting Continuous Quality Improvement: ROAD TRIP CQI A 20

Goryeb Children’s Hospital at Morristown Medical Center
- Implementing Methods to Improve Alarm Safety: Don’t Forget Your ABCs! A 23

Goryeb Children’s Hospital at Morristown Medical Center
- Increased Alarm Frequency after Implementation of Narrower Oxygen Saturation Targets in the NICU: a New Challenge for Alarm Safety A 22
Gwinnett Medical Center
- Reducing Pulse Oximetry Alarms in the Neonatal Intensive Care Unit A 30

Lucile Packard Children's Hospital
- Our iNICQ Alarm Safety Project A 17

Methodist Children’s Hospital, San Antonio
- Improving standardization and compliance of targeted oxygen saturations for infants ≥34 weeks post menstrual age A 31

Miami Valley Hospital
- Reducing Alarm Fatigue in the NICU A 27

North Central Baptist Hospital
- Improving Compliance in SpO2 Parameter Settings and Severe ROP rates in Premature Infants on Supplemental Oxygen A 29

Northside Hospital
- Integration of FiO2 and SpO2 data to improve oxygen saturation targeting in premature neonates- a feasibility study A 19

Penn State Hershey Children’s Hospital
- Improving Compliance with Pulse Oximeter Alarm Limits A 24

Sparrow Hospital
- Alarm Safety in a Regional Neonatal Intensive Care Unit (RNICU) A 21

Quality Improvement Methods

Beth Israel Deaconess Medical Center

Children's Hospital at Montefiore
- A quality improvement project to improve administration of the Hepatitis B Vaccine Birth Dose within 12 Hours of Life I 5

Children's Hospital of Wisconsin
- Keeping Skin in the Game: Bringing Awareness to Neonatal Skin Injuries I 1

UMass Memorial Healthcare
- 30 Day Readmission Rates for VLBW Infants: Ensuring Safe Transition of Care I 3

Women and Infants Hospital, Providence
- Clinical Documentation Improvement Achieved Through Electronic Medical Record Problem List Implementation in a NICU I 4
Reducing Brain Injury

Children's Mercy Kansas City
- Timely Blood Gas Management  F 26

Columbus Regional Medical Center
- Reducing the Incidence of IVH in a Regional NICU  F 22

Hospital of the University of Pennsylvania
- Reducing Intraventricular Hemorrhage in a Level III Neonatal Intensive Care Unit  F 20

Janet Weis Children's Hospital at Geisinger Medical Center
- Development, Implementation, and Outcome of a Minimizing Brain Injury (MBI) Bundle  F 25

Massachusetts General Hospital
- Reduction in Routine Screening Head Ultrasound Utilization in Premature Infants  F 23

Riley Hospital for Children
- Implementing a Treatment Algorithm for Neonatal Status Epilepticus  F 17

Sparrow Hospital
- A Small Baby Bundle to Reduce Brain Injury  F 24

Swedish Medical Center
- Reducing Intraventricular Hemorrhage Using a Care Bundle  F 19

Università degli Studi di Milano
- Neurodevelopmental outcome of ELBW Infants at 24 months corrected age: a comparison between Griffiths and Bayley Scales  F 18

University of Minnesota Masonic Children’s Hospital
- Validation of Umbilical Cord Blood Sampling to Reduce Phlebotomy Losses in Newborns at Risk for IVH  F 21

Reducing Infection

Baystate Medical Center
- Peripherally Inserted Central Catheters (PICCs) and Phlebitis in Newborns: Determining Key Drivers  C 6

Beth Israel Deaconess Medical Center
- NICU Safety Equation: Staying at Zero CLABSI s = Staying Alive Without Infection  C 5

Royal Jubilee Maternity Service
Reducing Lung Injury

Advocate Children's Hospital, Oak Lawn
- Reducing Chronic Lung Disease in VLBW Infants  F 11

Akron Children’s Hospital
- Bubble CPAP as a Primary Mode of Management - Infants 26 through 29 Weeks Gestation at Birth  F 12

Boston Medical Center
- Efforts to Reduce Chronic Lung Disease (CLD) among Very Low Birth Weight (VLBW) Infants  F 9

Children’s Hospital of New Jersey (CHoNJ)
- Minimizing Lung Injury & Advocating Early Kangaroo Care in Extremely Premature Newborns  F 6

Dartmouth Hitchcock Medical Center
- INSURE to ensure rapid extubation after surfactant administration in preterm infants with Respiratory Distress Syndrome (RDS)  F 4

Mississippi Baptist Medical Center
- Improving Survival and Decreasing Chronic Lung Disease in 26-32 Week Infants: An Early CPAP Strategy  F 5

Nationwide Children's Hospital, Columbus
- "Cure Me – BPD": a QI intervention to reduce the incidence of BPD in a Level IV NICU  F 14

Overland Park Regional Medical Center
- CPAP and minimizing lung injury: Implementation of a parental teaching tool  F 2

Overland Park Regional Medical Center
- Transitional Delivery Room Care: a Bridge to CPAP/NIV  F 3

Overland Park Regional Medical Center
- A Standardized Approach to Initiation and Maintenance of CPAP and Non-Invasive Ventilation  F 1

South Shore Hospital
- Potentially better respiratory practices for prevention of chronic lung disease: guideline implementation and first year outcomes  F 10

UMass Memorial Healthcare
- Standardization of Early Selective Surfactant Administration to Reduce Chronic Lung Disease  F 13
University of Vermont Children's Hospital
  • Reducing Chronic Lung Disease by Improving the Timeliness of Surfactant Administration and Effectiveness of Mechanical Ventilation F 7

Safety is Job #1

Barbara Bush Children's Hospital
  • Communication “SOS:” Safety, Outcome, Satisfaction A 11

Hackensack University Medical Center
  • Tame the Alarm: A Quality Improvement Project to Decrease Non-Actionable Alarms A 12

Medical University of South Carolina Children's Hospital (MUSC)
  • Improving Patient Safety in the Neonatal Nurseries – Our Story Continues A 10

Mission Children's Hospital
  • Improved Quality, Satisfaction, Safety, and Communication through Daily Multidisciplinary Rounds (MDR) in NICU A 15

Doernbecher Children’s Hospital - Oregon Health & Sciences University
  • Reducing rates of severe retinopathy of prematurity (ROP) in the NICU A 5

Doernbecher Children’s Hospital - Oregon Health & Sciences University
  • Establishing standardized Bathing Practices in the NICU Doernbecher Children's Hospital- Oregon Health & Sciences University -Portland, Oregon A 6

Doernbecher Children’s Hospital - Oregon Health & Sciences University
  • Enhancing the Culture of Safety in the NICU by Improving Safety Reporting A 7

Saint Joseph Hospital, Denver
  • Improve safety culture in the NICU by identifying, reporting, analyzing safety concerns and providing timely feedback to NICU staff A 16

Salem Hospital
  • Improving Our NICU Culture of Safety A 8

Texas Childrens Hospital
  • NICU Safety Bowl: A Methodology to Disseminate Learning from Safety Errors, Adverse Events, and Safety Culture A 13

UMass Memorial Healthcare
  • Good Night ~ Sleep Tight: Modeling Safe Sleeping Environment Practices For Infants in a Level III NICU Prior to Discharge A 9

Yakima Valley Memorial Hospital
  • Reducing Nuisance Alarms A 14
State/Regional Collaboratives

CPCQC
- From Action to Outcomes: Development of the Colorado Perinatal Care Quality Collaborative
  H 5

CPQCC
- Mortality and Morbidity Outcomes of VLBW infants participating in Delivery Room Collaborative
  Quality Improvement Projects in California
  H 6

ILPQC
- Improving Statewide Nutritional Outcomes in Illinois
  H 2

Joe DiMaggio Children’s Hospital
- Golden Hour Part 1: Warm up Plan August 2015
  H 11

NeoQIC
- Developing a State Public Policy Approach to Neonatal Abstinence Syndrome: Bridging Clinical
  Quality Improvement and Population Health
  H 3

New Jersey NICU Collaborative (NJNC)
- A State-Wide Initiative to Minimize Lung Injury & Chronic Lung Disease in VLBW Newborns
  H 4

OPQC (abstract not available)
- Progress on NAS
  H 9

OPQC (abstract not available)
- OPQC Projects
  H 10

Swiss Neonatal Network
- Comparing Practice and Outcome Between Two Neonatal Networks
  H 1

TIPQC
- Using adult learning principles, learning styles, and fun to engage teams in learning quality
  improvement processes
  H 7

TIPQC
- How do We Measure Project Success and What Factors Make Projects More Likely to Succeed?
  H 8