2014 Annual Quality Congress
Learning Fair Abstracts & Poster Board Assignments

• Poster Board assignments are noted in red next to each contributor’s name.
• Click on blue text to view related abstract.

**Alarm Safety**

Beaumont Health System
- NICU has SOLE (Save Our Lungs and Eyes)  C 22

Children's Hospital of Illinois
- Oxygen Saturation Targets / ROP  C20

Joseph A. Sanzari Children's Hospital, Hackensack, NJ
- Don’t Be Alarmed  C 18

Montefiore Medical Center
- Oxygen Targeting To End Retinopathy of Prematurity (OTTER) in the NICU at Montefiore Medical Center  C 23

Tulane Lakeside Hospital for Women and Children
- Evaluation of Nursing Compliance with a Targeted Oxygen Saturation Protocol, Compared to Usual Care, on Reducing Retinopathy of Prematurity and the Need for Surgery in Premature Infants  C 21

University of California San Diego
- LOL (Lower Oxygen Limits): A Program to Reduce Retinopathy of Prematurity  C 19

**Family-Centered Care**

Children's Hospital of New Jersey
- Family Centered Care: Engaging NICU Families to Improve Care  E 6

Overland Park Regional Medical Center
- CPAP and Minimizing Lung Injury: Implementation of a Parental Teaching Tool  E 5

Salem Hospital
- Family Integrated Care Implementation  E 1

Sparrow Health System
- You’ve Got the Cutest Baby Face (time) – One NICU’s Experience Keeping Moms and Babies Connected  E 3

UMass Memorial Healthcare
- Enhancement of Family Bonding With Internet Video Stream of Hospitalized Neonates  E 7
University of Iowa Children's Hospital
• Improving Golden Hour Communication

Vermont Children's Hospital at Fletcher Allen Healthcare
• Early Post-Partum Depression Screening for Mothers with Infants in the NICU

General Research
Children's Hospital at Oklahoma University Medical Center
• A Retrospective Comparison of Delivery and Outcome Data Before and After Changes to Delivery Room Staffing, Education and Practice Guidelines at OU Children's Hospital

Children's Hospital of San Antonio
• Improving the Quality of Central Line Care in NICU

Children's Hospital of Wisconsin and St. Mary’s Madison
• That Poor Little Bum! The Trials and Tribulations of Diaper Dermatitis

Helen DeVos Children's Hospital
• The “Go-To-Girls” - Engaging Staff in Process Improvement Work

Mayo Clinic
• Implementation of Evidence-based Guidelines Enhances Evidenced Based RBC Transfusions and Reduces Transfusion-related Costs Among ELBW Neonates

WakeMed Health and Hospital
• PREDICT Project: Pre- and Intra-Delivery Developmental Care Team Project

Increasing Value
Akron Children's Hospital, Research Institute
• Population-Based Measurement of Adherence to Progesterone Supplementation Guidelines to Prevent Recurrent Preterm Birth

Akron Children's Hospital, Research Institute
• Preventing Premature Birth Recurrence: A Provider Survey of Progesterone Knowledge

The Brooklyn Hospital Center
• Implementation of the Critical Congenital Heart Disease (CCHD) Screening Program: A Single Center Experience

Case Western Reserve University, Rainbow Babies and Children's Hospital
• Impact of Delayed Umbilical Cord Clamping (DCC) in Preterm Infants on Delivery Room Resuscitation and Immediate Neonatal Outcomes

Christiana Care Health System
• A Quality Improvement Program to Delay Umbilical Cord Clamping Reduces the Need for Red Blood Cell Transfusions in Infants < 1500 Grams
Huntsville Hospital
- Neonatal Intensive Care Unit Strategies to Reduce Early Blood Transfusion Rates. B3

Lucile Packard Children's Hospital
- Patient Progression Visibility Board in NICU and Intermediate Nursery: Improving Patient Progression through Standard Work. B5

University of Alabama, Birmingham
- Vaccinations in the NICU: A QI Project to Eliminate Delayed Vaccinations. B2

University of Edinburgh, Scotland
- Reducing Antibiotic Exposure in the Neonatal Intensive Care Unit. B1

Vermont Children's Hospital at Fletcher Allen Healthcare
- Red Reflex Testing in the Neonatal Intensive Care Unit. B9

Vermont Children's Hospital at Fletcher Allen Healthcare
- Using Umbilical Cord Blood for NICU Admission Labs. B7

Micro-premature Infant

Baptist Children's Hospital
- Golden Hour. F7

Children's Hospital and Clinics of Minnesota
- Care of the Micro-preemie: Improving Thermoregulation from DR Through Admission. F9

The Children's Hospital at Providence - Alaska
- Creating a Micro-preemie Care Team. F3

Helen DeVos Children's Hospital
- Reducing Morbidities in Infants <26+0 Weeks by Developing a Small Baby Unit Using Lean Methodology. F15

Kentucky Children's Hospital
- Reduction of Admission Hypothermia in Low Birth Weight Infants (LBW). F5

Legacy Health
- Standardized Care for ELBW Infants: Implementing a Comprehensive Small Baby Protocol. F18

Lucile Packard Children's Hospital
- The Micropreemie Project: Improving Survival without Morbidity. F4

Miami Valley Hospital
- Improving the Lives of the VLBW Infants Using DMAIC. F6

Providence Saint Vincent Medical Center
- PSVMC Family Centered Aim: POD Small Baby Workgroup 2014. F14
Providence Saint Vincent Medical Center
- Small Baby Aim: POD Small Baby Workgroup 2014  F 13

Rockford Memorial Hospital
- Improving the Care of the Micropremie Infant  F 2

Saint Barnabas Medical Center
- Reduce or Eliminate Major Morbidities in Micro-premature Infants (<26 Weeks Gestational Age)  F 1

Shady Grove Adventist Hospital
- Standardizing Comprehensive Care Practices in the NICU: ELBW Population  F 17

Sunnybrook Health Sciences Centre
- Development and Implementation of a Standardized Micro-premature Infant Admission Order Set  F 12

University of Michigan Health System, Brandon NICU
- Improving the Outcome for Our Tiniest Patients One Breath at a Time  F 8

Vidant Medical Center and East Carolina University
- Empowering Teamwork Through Education to Achieve a Successful Golden Hour  F 11

WakeMed Health and Hospital
- Development of a ≤ 30 Week EGA Golden Hour Protocol  F 16

**Neonatal Abstinence Syndrome**

Baptist Medical Center, San Antonio
- Feeding Babies Before NAS Scoring Reduces Medication Use and Length of Stay  A 10

Beth Israel Deaconess Medical Center (BIDMC)
- The Family Voice: Developing a Process for Family Feedback on Our Care of Infants with Neonatal Abstinence Syndrome  A 4

Beth Israel Deaconess Medical Center (BIDMC)
- Neonatal Abstinence Syndrome: Identifying the True Denominator in Your Hospital  A 5

Betty H. Cameron Women’s & Children’s Hospital at New Hanover Regional Medical Center
- Working Together Works  A 20

Carle Foundation Hospital
- iNICO 2014: NAS Initiative  A 23

Children's Hospital at Dartmouth
- Moving NAS Care from the Intensive Care Nursery to the Pediatrics Unit: A Quality Improvement Project Aimed at Improving Care While Decreasing Nursing Hours per Patient Day  A 12
Children’s Hospital at Dartmouth-Hitchcock
- Improving Family-Centered Care through Greater Understanding: A Qualitative Study of Family Experience with Hospitalization for Neonatal Abstinence Syndrome A 3

University of Illinois College of Medicine at Peoria
- Improving the Care of Infants with Neonatal Abstinence Syndrome (NAS) in the NICU at Children’s Hospital of Illinois (CHOI) A 8

Covenant Healthcare
- Pharmacologic Treatment of Neonatal Abstinence Syndrome: Decreasing use of Phenobarbital as Adjunctive Therapy for Symptom Management of Neonatal Abstinence Syndrome A 16

Denver Health Medical Center
- Reducing Pharmacologic Treatment Duration and Improving Parental Education for Patients with Neonatal Abstinence Syndrome A 21

Methodist Children's Hospital
- Decreasing Length of Stay and Days on Morphine for NAS Infants Through Standardization of the Treatment Process A 11

Mission Hospital
- Longitudinal Follow-up of Treating Infants with Methadone Post Discharge from the Hospital: Stories of Mothers and Retrospective Chart Review A 27

Nationwide Children's Hospital
- Improving the Quality of Care of Neonatal Abstinence Syndrome in a Complex Neonatal Service Line A 13

Niswonger Children's Hospital
- Optimizing Treatment of Neonatal Abstinence Syndrome in a Level 3 NICU A 1

Saint John Hospital and Medical Center, Detroit
- Caring for the NAS Family: Education Plan to Improve RN Comfort Level A 19

Shawnee Mission Medical Center/Children’s Mercy Hospital
- Improving Care of the Infant at Risk for Neonatal Abstinence Syndrome through a Standardized Family Centered Protocol and Nursing Education A 17

Sparrow Health System
- It Takes All of Us....Supporting Families with NAS Infants A 14

Tufts Medical Center, Floating Hospital for Children at Tufts Medical Center
- Identifying Nurse’s Attitudes toward NAS Infants and their Families A 25

Tulane-Lakeside Hospital for Women and Children
- Evaluation of a Holistic Standardized Approach to Treatment of Neonatal Abstinence Syndrome (NAS) Compared to Usual Care, on Reducing Length of Stay in the Neonatal Intensive Care Unit A 18
University of California San Diego Health System

- Improving NAS Scoring to Advance and Improve the Treatment of Neonatal Abstinence Syndrome. A 24

University of California San Diego


University of South Alabama Children’s and Women’s Hospital

- Implementation of a Revised Treatment Protocol for NAS with the Introduction of Non-Pharmacological Therapies with the Focus on Parental Involvement. A 6

Shawnee Mission Medical Center/Children’s Mercy Hospital

- Standardized Approach to Educating Families at Risk for Neonatal Abstinence Syndrome. A 9

West Virginia University Hospitals

- Clinical Management Standardization and Shortening Length of Stay in Infants with Neonatal Abstinence Syndrome. A 7

Wheaton Franciscan - St. Joseph Campus

- Use of a Low Stimulation Environment of Care to Improve Outcomes for Infants with Neonatal Abstinence Syndrome. A 2

**Optimizing Nutrition**

Advocate Children's Hospital, Park Ridge, IL

- Optimization of Nutritional Management with a Focus on Use of Human Milk Diet for Infants with Birth Weights ≤1250. D 23

Advocate Condell Medical Center

- The Implementation of Three Potentially Better Practices (PBP) on the Journey to Improving Neonatal Nutrition at Advocate Condell Medical Center (ACMC). D 17

Akron Children's Hospital, Research Institute and Akron Children's Hospital Mahoning Valley

- The Effect of Standardized Feeding Practices on Very Low Birth Weight Infants. D 25

Baptist Memorial Hospital for Women

- NICQ Next Abstract: Optimizing Nutrition/Minimizing NEC. D 12

Benefis Hospital

- Improving Nutrition and Minimizing Necrotizing Enterocolitis (NEC) through Standardization of Feeding Practices. D 5

Betty H. Cameron Women’s & Children’s Hospital at New Hanover Regional Medical Center

- Home Grown: Eat Local! D 4

Cardinal Glennon Children’s Medical Center, St Louis University School of Medicine

- Standardizing Enteral Feedings in VLBW Infants. D 19
The Children's Hospital at St. Peter's University Hospital
- Maximizing Nutrition to Minimize Extrauterine Growth Retardation in Low Birth Weight Neonates and Assessing Retinopathy of Prematurity in this Population  D 14

Children's Memorial Hermann Hospital
- Improving Native Breast Feeding Rates to Decrease the Incidence of Necrotizing Enterocolitis  D 30

Cincinnati Children's Hospital Medical Center
- Rapid Cycle Improvement Collaborative (RCIC): Optimizing Human Milk Use in the Neonatal Intensive Care Unit (NICU)  D 7

CHOC Children's at Mission Hospital
- Improving Infant Nutrition...Establishing Early Milk Supply...Every Drop Counts  D 1

Comer Children's Hospital, The University of Chicago Medicine
- Novel Communication Strategies for the Implementation of a Standardized Approach to the Initiation and Advancement of Feeds in VLBW Infants at the University of Chicago  D 8

Covenant Healthcare
- The Impact of Early Breast Milk Fortification on Growth in Very Low Birth Weight Infants  D 10

Covenant Healthcare
- Low Birth Weight Infants  D 6

Edward Hospital
- Neonatal Nutrition: Improving Outcomes  D 27

Monroe Carell Jr Children's Hospital at Vanderbilt and University of Michigan
- An Initiative to Quality Improvement of Nutrition of VLBW Infants Has Broader Impact on Infant Health– Experience of a Single Center  D 13

NorthShore University HealthSystem
- Tracking Nutritional Management in the Preterm Infant Using Vermont Oxford Benchmarks  D 16

Jessop Wing Regional Neonatal Intensive Care Unit, Sheffield, UK
- Ready... Steady... Grow- The Jessop Wing approach to improving Nutrition  D 15

Mayo Clinic
- A Standardized Feeding Regimen and an Exclusively Human Milk-Based Diet Reduce Necrotizing Enterocolitis in VLBW Infants  D 9

Meriter Hospital
- Increasing Use of Own Mother's Milk in Meriter NICU  D 22

MetroHealth Medical Center
- Comparison of Macronutrient Composition of Human Breast Milk Using Two Methods of Analysis  D 2
NEC Society

- Perspectives from Parents of Infants Impacted by NEC: NEC Communication in the NICU

Penn State Hershey Children’s Hospital

- Improving Nutrition in the Very Low Birth Weight Infant

Sheldon B. Korones Newborn Center at Regional Medical Center and University of Tennessee Health Science Center

- “Brains- Not Just Brawn:” Initiative to Optimize Nutrition in VLBW Infants in NICU

Children’s Medical Center at Rockford Health System

- Improving Growth in VLBW Infants: Implementation of ILPQC Nutrition Bundle of Potentially Better Practices to Improve Nutritional Outcome

Simpson Centre for Reproductive Health, Royal Infirmary of Edinburgh

- Optimising Breast Milk Feeding in Babies Admitted to a Neonatal Intensive Care Unit

Santa Clara Valley Medical Center

- Early Initiation of Colostrum and Skin to Skin to Establish Successful Breast Milk Feeding in Very Preterm Infants

St Alexius Medical Center

- The Effect of Human Milk Fortification with ProlactaPlus on TPN Days in Infants Less than 1250g – 18 Month Data

St. Dominic's Hospital

- Increasing Discharge of Patients on Mother’s Own Milk

Wesley Medical Center

- Exclusive Human Milk Feeding

Quality Improvement Science

Children's Hospital Colorado

- A Multidisciplinary and Multifactorial Approach to Increasing Neonatal Intensive Care Unit (NICU) Newborn Individualized Developmental Care and Assessment Program (NIDCAP) Referrals

Children's Hospital of the King's Daughters

- Improving Key Performance Measures through Nurse Driven Systematic Data Collection

Nationwide Children's Hospital

- Skin Rounds – A Standardized Approach to Pressure Ulcer Detection and Reporting in the Neonatal Intensive Care Unit

University Hospital Zurich

- Open Source Software Qcycle to Assist with Quality Improvement Collaboratives
University Hospital Zurich
- Risk Adjustment to Identify Quality Improvement Areas in a Neonatal Intensive Care Unit

Reducing Brain Injury

Children's Mercy Hospital - Kansas City, Missouri
- Blood Gas Responses Are Important for Neonatal Patients

Columbus Regional Medical Center
- Reducing the Incidence of IVH In a Regional NICU

Janet Weis Children's Hospital at Geisinger Medical Center
- Minimizing Brain Injury (MBI) Bundle

Joe DiMaggio Children's Hospital, Wasie Neonatal Intensive Care Unit
- Minimizing Brain Injury

Overland Park Regional Medical Center
- Achieving Optimal Therapeutic Hypothermia on Transport

Riley Hospital for Children at Indiana University Health
- Implementing a Treatment Algorithm for Neonatal Status Epilepticus

Swedish Medical Center
- Reducing Intraventricular Hemorrhage Using a Care Bundle

University of Minnesota Children's Hospital
- Reducing Infection
- Improving Neurodevelopmental Outcomes in the NICU

University of Minnesota Children's Hospital
- Improving Outcomes for VLBW Infants

Reducing Infection

Beth Israel Deaconess Medical Center
- The NICLIP Experience: A Multidisciplinary Approach To Improvement and Costs in Prevention of NICU CLABSIs – “It Takes A NICU Village to Optimize Care for NICU CVLs”

Children's Hospital of New Jersey
- Implementing the “CDC 12 Step Program for Hospitalized Adults To Prevent Antimicrobial Resistance” in the NICU

Cook Children's Medical Center
- CLABSI Reduction In the NICU

Floating Hospital for Children at Tufts Medical Center and Beth Israel Deaconess Medical Center
- Is Zero Central Line-Associated Bloodstream Infections Rate Sustainable? A Five Year Perspective
Multicenter Collaborative
- A Multicenter Collaborative Sustains a Reduction in Central Line-Associated Bloodstream Infections (CLABSI) while utilizing results from Orchestrated Testing to Impact Further CLABSI Reduction. H 7

River Oaks Health System
- "War on Infection" - Initiative to Decrease Late Infections and CLABSI in the NICU H 6

Simpson Centre for Reproductive Health, Royal Infirmary of Edinburgh
- A Quality Improvement Initiative for Reducing Late Onset Infection among Very Low Birth Weight Infants H 4

Saint Peters University Hospital
- Compliance with Appropriate Duration of Antibiotic Therapy in NICU and its Effect on Necrotizing Enterocolitis and Nosocomial Infections H 2

St. Peters University Hospital
- Decrease incidence of Fungal Sepsis by Administration of Flucanazole to Patients < 1500 Grams H10

University of Texas Southwestern Medical Center and Parkland Health & Hospital System
- Decreasing Coagulase-negative Staphylococcal Blood Culture Contamination in the NICU: A Quality Improvement Project H 1

Reducing Lung Disease

Advocate Children's Hospital, Oak Lawn, IL
- Reducing CLD in VLBW Infants G 3

Advocate Children's Hospital, Park Ridge, IL
- Is Nasal Cannula-Intermittent Mandatory for Ventilation Equally Effective as Nasal Continuous Positive Airway Pressure for the Treatment of Respiratory Disease in Preterm Infants? G 10

Akron Children's Hospital
- Standard Process: Initiation of Bubble CPAP as a Primary Mode of Management Infants 26 through 29 Weeks Gestation at Birth G 4

Boston Medical Center
- Efforts to Reduce Chronic Lung Disease among Very Low Birth Weight Infants born at Boston Medical Center G 15

Carilion Roanoke Memorial Hospital, Virginia Tech Carilion School of Medicine
- Decreasing Chronic Lung Disease Rates in Preterm Infants: A Quality Improvement Study in the NICU at Carilion Roanoke Memorial Hospital G 1

Carle Foundation Hospital
- Initiative to Decrease Chronic Lung Disease and Mortality through Non-Invasive Ventilation with Selective Surfactant Administration G 24
Children’s Hospital at Dartmouth-Hitchcock

- Impact of Promoting Non-Invasive Respiratory Support in Reducing Chronic Lung Disease in Preterm Infants: Experience of QI Initiative from a Single Center  G 14

The Children’s Hospital at Saint Peter’s University Hospital

- Using Continuous Feeds in Preterm Infants ≤ 1000 gms to Reduce the Incidence of BPD  G 20

Children’s Hospital of New Jersey

- Successful Implementation of a Standardized Approach for Initial Ventilation Management in Extremely Premature Newborns 25 to 28 Weeks of Gestation  G 19

Evanston Hospital, NorthShore University HealthSystem

- Does Routine Use of Chinstraps Result in Improved Clinical Outcomes for Neonatal Patients Requiring Non-Invasive Pressure Ventilation (NIPV)?  G 9

KK Women’s and Children’s Hospital, Singapore

- Retrospective Audit on the Timing of Surfactant Therapy in Preterm Infants  G 18

Mayo Clinic

- Use of a Delivery Room Respiratory Algorithm and Intubation/Extubation Criteria to Reduce the Number of Ventilator Days for VLBW Infants  G 8

Memorial Hospital South Bend

- Decreasing BPD Rates in a Level 3 NICU by Implementation of Various Potentially Better Practices  G 12

Overland Park Regional Medical Center

- CPAP and Noninvasive Ventilation: A Standardized Approach to Initiation and Maintenance  G 13

Stony Brook University Hospital

- Reducing Unplanned Extubations in the Neonatal Intensive Care Unit with NeoBar Usage  G 6

Saint Peter's University Hospital

- Outcome of Room Air Resuscitation in Very Low Birth Weight (VLBW) Infants  G 23

UMass Memorial Healthcare

- Early Use of Nasal Cannula-CPAP in the Delivery Room to Reduce Incidence of Chronic Lung Disease  G 7

UMass Memorial Healthcare

- Standardize Early Surfactant Administration to Reduce Morbidities and Mortalities Related to Chronic Lung Disease  G 5

University of Kentucky Medical Center, Kentucky Children’s Hospital

- Improved Rate of Bronchopulmonary Dysplasia Through Systematic Standardized Care Changes: Results from the Respiratory Work Group Multidisciplinary Team  G 22

University of Virginia, Department of Health Sciences

- A Multivariate Bedside Calculator to Predict Extubation Success in VLBW Infants  G 11
Vermont Children's Hospital at Fletcher Allen Health Care
- Reducing Chronic Lung Disease by Identifying Infants at Risk for Developing RDS and Determining Criteria to Assess the need for Surfactant Administration in the First 24 Hours of Life G 16

West Virginia University Children's Hospital
- LIVE (Less Invasive Ventilation of ELBW infants) HEALTHY G 2

Woman's Hospital
- Reducing Chronic Lung Disease in Micropremature Infants G 17

Safety is Job # 1
Barbara Bush Children's Hospital
- Communication “SOS:” Safety, Outcome, Satisfaction C 3

Children's Hospital at Dartmouth-Hitchcock
-Parents' Perspectives of Infant Safe Sleep Recommendations C 10

Exempla St Joseph Hospital
- Safety PINS Poster Abstract C 12

Montefiore Medical Center
-Assessing the Rate of Wrong-Patient Electronic Orders in the NICU, and Introducing an Identity Verification System to Prevent Them C 1

Monroe Carell Jr. Children's Hospital at Vanderbilt
- Improving Patient Safety During Endotracheal Intubation in the Neonatal Intensive Care Unit C 16

Medical University of South Carolina Children's Hospital
- Improving Patient Safety in the Neonatal Nurseries C 8

Mercy Children's Hospital, St. Louis
- Improving Our Safety Culture C 7

Mission Children's Hospital
- Improving Safety in the NICU C 9

Montefiore Medical Center and Albert Einstein College of Medicine
- The “Babyboy/Babygirl” Problem: Evaluating the Risk of Non-Distinct, Temporary First Names for Newborns and Measuring the Effect of Changing the Paradigm to Reduce Wrong Patient Orders C 15

Oregon Health and Sciences University, Doernbecher Children's Hospital
- Establishing Effectively Linked Simulation and Debriefing Processes in the NICU C 5

Salem Hospital
- Improving Our NICU Culture of Safety C 6
Santa Clara Valley Medical Center
• Identification of Home Care Errors in High Risk Infants: Patient Safety During Transition from Neonatal Intensive Care Unit (NICU) to Home  C 17

Texas Children's Hospital
• Random Safety Audits  C 11

Yakima Valley Memorial Hospital
• Standardization of Patient Handoffs  C 14

State / Regional Collaboratives

Delaware Perinatal Cooperative
• Improving Perinatal Quality of Care  E 12

Illinois Perinatal Quality Collaborative
• Improving Statewide Nutritional Outcomes in Illinois  E 15

Massachusetts Neonatal Quality Improvement Collaborative
• Neonatal Abstinence Syndrome: A statewide Improvement Project  E 9

Michigan State Quality Collaborative
• Pharmacological Treatment and Duration of Therapy for Neonatal Abstinence Syndrome  E 14

New Jersey NICU Collaborative
• New Jersey NICU Collaborative: A Statewide Initiative to Advance Human Milk Feeding in NJ NICU’s  E 10

Ohio Perinatal Quality Collaborative
• Neonatal Abstinence Syndrome: Statewide Dissemination of The Ohio Protocol  E 11

Southwest Ohio Neonatal Collaborative Clinical Advisory Committee: Collaboration of Dayton Children’s Hospital (DCH) and Miami Valley Hospital (MVH)
• Improved Quality of Care by Joint Venture Collaborative  E 13