

13th Annual Update on Pediatric and Congenital Cardiovascular Disease:
Bringing Interdisciplinary Evidence-based Practice to the Patient
February 10-14, 2010

Friday, February 12, 2010

Moderated Poster Session for Pediatric and Congenital Cardiovascular Nursing

- 8 a.m. **Key Components of a Successful Interstage Home Monitoring Program for Infants Following Modified Norwood Operation**
Kaberi Mozumder - Lucile Packard Children's Hospital at Stanford
- 8:20 a.m. **Feeding Challenges in Infants following the Norwood Operation**
Karen Uzark - Cincinnati Children's Hospital
- 8:40 a.m. **Decreasing Morbidity in the PCICU through Clinician Led Six Sigma Initiatives**
Christine Agee - Duke Children's Hospital and Health Center
- 9 a.m. **Sildenafil is Well Tolerated in Children and Young Adults Late After the Fontan Operation**
Nicole Mirarchi - The Children's Hospital of Philadelphia
- 9:20 a.m. **Coping While Caring for the Dying Child: Nurses' Experiences**
Katherine Cook - Children's Hospital Boston
- 9:40 a.m. **Beating the Bugs: Process Improvement to Decrease Catheter-Associated Bloodstream Infection in a Large Pediatric Cardiac Intensive Care Unit**
Andrea Torzone - Children's Medical Center Dallas

Featured Oral Abstracts Presentations: Session 1

- 5:45 p.m. **How a High Risk Clinic in Addition to Home Surveillance Monitoring, Potentiates Care of Single Ventricle Patients**
Nancy Drobolet - Miami Children's Hospital and Arnold Palmer Hospital for Children
- 5:55 p.m. **An Early Warning Scoring System for Identification of Pediatric Cardiac Inpatients at Risk of Arrest**
Mary McLellan - Children's Hospital Boston
- 6:05 p.m. **Gastrostomy Tube Following Neonatal Cardiac Surgery: Incidence and Risk Factors**
Michael Walsh - Medical University of South Carolina
- 6:15 p.m. **Outcomes of Infants <3kg Requiring ECMO Support Following Cardiac Surgery**
Priya Bhat - University of Michigan Health System

Saturday, February 13, 2010

Featured Oral Abstracts Presentations: Session 2

- 7:30 a.m. **Children and Adolescents with Repaired Tetralogy of Fallot Report Health-Related Quality of Life Similar to Healthy Peers**
Elena Kwon - Children's Hospital of Wisconsin
- 7:45 a.m. **Prepregnancy BMI and Congenital Heart Defects: A Population-Based Study**
Nicolas Madsen - Seattle Children's Hospital

- 1. Defining Clinically Valid Thresholds for Body Fatness Related to Dyslipidemia in Adolescents**
Ashish Sureka - Lucille Packard Children's Hospital
- 2. Angiotensin II Receptor Blocker Slows the Rate of Progression of Aortic Root Dilation in Marfan Syndrome**
Praveen Kumar - University of Illinois at Chicago
- 3. Children & Adolescents with Attention Deficit Hyperactivity Disorder in a Pediatric Cardiology Office**
Sudhir Mehta - Cleveland Clinic / Fairview Hospital
- 4. Twenty-Three Year Experience of Acute Rheumatic Fever in a Tertiary Hospital in Australia**
Deane Yim - Princess Margaret Hospital for Children
- 5. Truncus Arteriosus: Intermediate and Long-Term Outcomes of Neonatal Repair at a Single Institution Over 20 Years**
Diana Dinh - University of Michigan
- 6. Depression and Anxiety in Mothers of Infants with Congenital Heart Defects: Prospective Case-Cohort Study**
Oivind Solberg - Norwegian Institute of Public Health
- 7. The Impact of Fetal Diagnosis of Congenital Heart Disease on Parental Anxiety, Knowledge and Attachment**
Michael Willers - Baystate Children's Hospital, Yale School of Medicine and Yale Child Study Center
- 8. Neonatal Correction of Tetralogy of Fallot in Slovakia - Early and Mid-term Results**
Peter Skrak - Pediatric Cardiac Center, National Institute of Cardiovascular Diseases, Bratislava, Slovakia
- 9. Coronary artery to Aortic Valve Ratio and New Coronary Artery Z-score Equations with Critical Analytical Comparison with Previously Published Equations**
Frederic Dallaire - Laval University Hospital Center and Sainte-Justine Mother and Child University Hospital
- 10. Morbidity and Mortality after Hospital Discharge for Neonatal Congenital Heart Surgery is Associated with Race and Ethnicity**
Javier Lasa - The Children's Hospital of Philadelphia
- 11. Adherence to AHA Guidelines for Cardiovascular Risk Reduction in High Risk Pediatric Patients: Review of Cardiology and Endocrinology Practices**
Corey Johnston - Nationwide Children's Hospital
- 12. Iron Deficiency Not Associated with Collateral formation in Single Ventricle Patients**
Jamie Penk - Children's Memorial Hospital
- 13. Self Reported Health Status and Quality of Life in Men Operated for Tetralogy of Fallot Between 1971 and 1991**
Elisabeth Ellingsen - Aarhus University Hospital
- 14. Applicability of Near Infrared Spectroscopy (NIRS) Guided Tilt Table Testing for Syncope**
Robit Rao - Children's Hospital of Wisconsin
- 15. The Severity of Congenital Heart Defects affects the Development of Social and Communication Skills in Children: A Follow-up Study from Birth to 18 Months**
Ragnbild Brandlistuen - Norwegian Institute of Public Health
- 16. Cardiogenetics: The Past, Present and Future**
Esma Paljevic - Children's Hospital at Montefiore Medical Center

Thursday, February 11, 2010

Poster Session 1 Continued

Poster Up by: 7:30 a.m.

Poster Down by: 8 p.m.

Presenter at Poster:

10 - 11 a.m.

17. **Economic Impact on Research: How Do You Optimize Your Resources to Conduct and Produce Quality Clinical Research?**
Donna Sylvester - The Children's Hospital of Philadelphia
18. **Physical Activity and Self-Efficacy in Children with CHD: Is There a Connection**
Trenda Ray - Arkansas Children's Hospital
19. **EMPoWarMENT: Edmonton Pediatric Warfarin Self-Management**
Mary Bauman- Stollery Children's Hospital
20. **Improved Nutritional Management of Infants with Congenital Heart Defects**
Megan Donley - Cincinnati Children's Hospital Medical Center
21. **Right Nurse for the Right Patient: Creation of the Cardiac Preparation and Recovery Unit**
Donna Calfin - The Children's Hospital of Philadelphia
22. **Prevalence of Sinus Tachycardia in Duchenne Muscular Dystrophy**
Kathi Kinnett - Cincinnati Children's Hospital Medical Center
23. **The Gender Effect in Pediatric Heart Transplantation Mortality**
Lee Tosi - Mattel Children's Hospital UCLA
24. **Hypertrophic cardiomyopathy: Pediatric Experience and Quality Improvement Initiative**
Shriprasad Deshpande - Children's Healthcare of Atlanta
25. **NT- Pro BNP Versus BNP And Their Correlation With Cardiac Function In Pediatric Transplant or Heart Failure Patients**
Chesney Castleberry - Children's Hospital of Wisconsin
26. **Troponin I Levels and Graft Survival in Pediatric Heart Transplantation**
Kimberly Lin - The Children's Hospital of Philadelphia
27. **Beating the Bugs: Process Improvement to Decrease Catheter-Associated Bloodstream Infection in a Large Pediatric Cardiac Intensive Care Unit**
Andrea Torzone - Children's Medical Center Dallas
28. **Feeding Challenges in Infants Following the Norwood Operation**
Karen Uzark - Cincinnati Children's Hosp, Milwaukee, Atlanta, Omaha, Miami, Orlando, Stanford, Boston, UCSF
29. **Key Components of a Successful Interstage Home Monitoring Program for Infants Following Modified Norwood Operation**
Kaberi Mozumder -Lucile Packard Children's Hospital at Stanford

Friday, February 12, 2010

Poster Session 2

Poster Up by: 7:30 a.m.
Poster Down by: 8 p.m.
Presenter at Poster:
10 - 11 a.m.

- 1. Assessment of Ventricular Function After Percutaneous Pulmonary Valve Implantation**
Nasser Moiduddin- Nationwide Children's Hospital
- 2. The Value of Pediatric Autopsy in the Diagnosis of Congenital Heart Disease: A Morphologic-Echocardiographic Correlation of 33 Cases**
Felipe Tempo Jr. - Philippine Heart Center
- 3. Echocardiographic Parameters that Predict Outcome in Aortic Atresia Patients Undergoing Comprehensive Stage II Procedure**
Brian Birnbaum - Nationwide Children's Hospital
- 4. The Hemodynamic and Ventilatory Effects of Miniaturized Multiplane Transesophageal Echocardiography in Small Infants Undergoing Cardiac Surgery**
Sinai Zyblewski - Medical University of South Carolina
- 5. Cardiac Evaluation in Patients with Turner Syndrome by MRI**
Robert Bishop - Children's Hospital Medical Center of Akron
- 6. Peak Systolic Acceleration: A New Marker of Long Axis Contractility**
Hans Henrik - Odland Rikshospitalet, Oslo University Hospital
- 7. Determinants of Mitral Annulus Peak Systolic Velocity and Displacement - A Study in Piglets**
Hans Henrik - Odland Rikshospitalet, Oslo University Hospital
- 8. Eustachian Valve Morphology in Hypoplastic Left Heart Syndrome**
Sunita Ferns - Children's Memorial Hospital
- 9. The Utility of a 15-Lead Electrocardiogram in Determining the Laterality of an Accessory Pathway in Wolff-Parkinson-White Syndrome**
Peter Aziz - The Children's Hospital of Philadelphia
- 10. Improving Patient Safety and Outcomes: Effects of Routine Post-Code Debriefing**
Gena Powers - Arkansas Children's Hospital
- 11. Post-Operative Electrocardiogram ST and T Wave Changes in Pediatric Congenital Heart Disease Undergoing Patent Ductus Arteriosus Stenting and Bilateral Pulmonary Artery Banding**
Abigail Fischer - Nationwide Children's Hospital
- 12. Optimizing Surgical Infection Prevention in Pediatric Cardiovascular Surgery Patients**
Sandra Staveski - Lucile Packard Children's Hospital at Stanford
- 13. Efficacy of Car-Seat Testing Following Reparative Congenital Heart Surgery: A Cross-Sectional Analysis of 152 Consecutive Neonates**
Megan Gilbert - Phoenix Children's Hospital
- 14. Nursing Interventions for Implementing the Berlin Heart in the Pediatric Intensive Care Unit**
Joshua Campbell - Shands Children's Hospital
- 15. A Multidisciplinary Approach to Establishing a Clinical Practice Guideline for Endotracheal Tube Suctioning of the Pediatric Cardiac Patient**
Meena LaRonde - Children's Hospital Boston

Friday, February 12, 2010

Poster Session 2 Continued

Poster Up by: 7:30 a.m.

Poster Down by: 8 p.m.

Presenter at Poster:

10 - 11 a.m.

16. **Ecologic Myocardial Protection: Minicardioplegia**
Brigida Aguerrevere - Fundación De Todo Corazón Richard Gibson
17. **Use of Basic Stimulation Concept in Nursing Care in Pediatric Cardiac Intensive Care Unit**
Miroslava Hargasova - National Heart Centre, Slovakia
18. **The Genesis of a Pediatric Cardiac Intensive Care Nurse Practitioner Program**
Lauren Westgate - Children's Hospital Boston
19. **Everyone on the Same Page: A Daily Plan of Care Sheet Revisited**
J-SRim - The Children's Hospital of Philadelphia
20. **Standardized Handoff Communication: Improving Patient Safety and Staff Satisfaction Every Time**
Andrea Torzone - Children's Medical Center Dallas
21. **The Impact of an Intensivist-Directed Multidisciplinary Pediatric Cardiac Critical Care Model on Outcomes Following Cardiac Surgery**
Jennifer L Helman - Riley Hospital for Children
22. **Pediatric Oral Health Care and Cardiac Surgery: Providing and Improving Assessment and Access**
Martha Willis - Cincinnati Children's Hospital Medical Center
23. **A Collaborative Effort To Prevent Skin Breakdown In Cardiothoracic Surgical Patients**
Sandy Conn - Cincinnati Children's Hospital Medical Center
24. **Improving Patient Care in the PCICU by Increasing Nursing Participation Into Rounds: The Critical Steps Necessary for Success**
Christine Agee - Duke Children's Hospital and Health Center
25. **Reducing Child and Parental Procedural Stress: Enhancement of a Pre Cardiac Catheterization Program**
Holly Pfriem - Cincinnati Children's Hospital Medical Center
26. **Coronary Artery Dilatation in Toxic Shock-Like Syndrome: The Kawasaki Disease Shock Syndrome**
Deane Yim - Princess Margaret Hospital for Children
27. **A Case of Gerbode Defect and Pneumococcal Endocarditis: A 'Chicken or Egg' Conundrum**
Kamakshya Patra - Louisiana State University Health Sciences Center
28. **Global Perfusion Differences Exist Between Patients with Single Ventricle Anatomy Status Post Fontan Procedure When Compared to Normal Controls**
Jennifer Dixon - Children's Hospital of Wisconsin

Saturday, February 13, 2010

Poster Session 3

Poster Up by: 7:30 a.m.

Poster Down by: 8 p.m.

Presenter at Poster:

10 - 11 a.m.

1. **Impact of Syndromic Abnormalities on Outcomes in Hypoplastic Left Heart Syndrome**
Angira Patel - Children's Memorial Hospital
2. **Pulmonary Artery Development After the Norwood Operation: Comparison of Blalock-Taussig Shunt and Right Ventricle-to-Pulmonary Artery Conduit**
Remi Kowalski - Royal Children's Hospital
3. **ACE Inhibitors and the Risk of Acute Kidney Injury in Infants and Children Following Cardiac Surgery**
Christina Phelps - The Children's Hospital, Denver
4. **Experience with Dexmedetomidine in Children After Cardiac Surgery at Higher Dose and Long Duration**
Duraisamy Balaguru - University of Texas Houston School of Medicine, Houston, Texas & Newark Beth Israel Medical Center
5. **Predictors for Re-intervention in Neonates with Pulmonary Atresia or Severe Pulmonary Stenosis with Intact Ventricular Septum**
Ghassan Shaath - King Abdul Aziz Cardiac Center for the National Guard
6. **Octreotide for the Treatment of Chylothorax in Pediatric Patients Following Cardiothoracic Surgery**
Christopher Rausch - The Children's Hospital, Denver
7. **Influence of Dedicated Pediatric Cardiac Intensive Care Unit on Patients' Outcome**
Maher Eldadah - Arnold Palmer Hospital for Children
8. **Evolving Approaches in the Management of Hypoplastic Left Heart Syndrome: Early and Intermediate Term Outcomes**
Evonne Krushansky - Children's Hospital of Pittsburgh
9. **Indication for Advanced Cardiopulmonary Support in Infants and Children Determines Post-Support Survival**
Maher Eldadah - Arnold Palmer Hospital for Children
10. **Impact of Balloon Atrial Septostomy in Neonates with Transposition of Great Arteries**
Gurumurthy Hiremath - Children's Hospital of Michigan, Wayne State University School of Medicine
11. **How Much Fluid do we need for Immediate Post-operative Management in Tetralogy of Fallot?**
Jose Figueira - Fundacion de Todo Corazon Richard Gibson, Hospital Especialidades Pediatricas
12. **Hemodynamic Significance of Low Peak Doppler Flow Velocity in the Proximal Sano Conduit Following the Norwood Sano Surgery in Patients with Hypoplastic Left Heart Syndrome**
Shyam Sathanandam - The Heart Institute for Children
13. **Variation in Models of Care Delivery for Patients Undergoing Congenital Heart Surgery: A National Survey**
Danielle Burstein - Duke Univ Med Ctr, Miami Child Hosp, Cong Heart Inst of Fl, St. Louis Child Hosp, CHOP
14. **Prostaglandin Exposure and Operative Outcomes in Transposition of the Great Arteries with Intact Ventricular Septum**
Ryan Butts - Medical University of South Carolina
15. **Validation of Continuous Cardiac Output Monitoring Based on Arterial Pressure Waveform in Pediatric Cardiac Transplant and Pulmonary Hypertension Patients: Preliminary Observations**
Sarena Teng - The Children's Hospital, Denver
16. **High Shear Congenital Cardiac Defects are Associated with Platelet Function Defects in Children**
David Bailly - Oregon Health and Science University

Saturday, February 13, 2010

Poster Session 3 Continued

Poster Up by: 7:30 a.m.

Poster Down by: 8 p.m.

Presenter at Poster:

10 - 11 a.m.

17. **Feeding Intolerance Following Stage 1 Surgical Palliation for Hypoplastic Left Heart Syndrome**
Beesan Agha - All Children's Hospital and University of South Florida
18. **Hearing Screening Following Stage 1 Surgical Palliation for Hypoplastic Left Heart Syndrome**
Charlotte Woods-Hill - All Children's Hospital and University of South Florida
19. **Abdominal CT Measurements of Anterior and Posterior Abdominal Wall to Create Reference Values for Use with Near Infra-red Spectroscopy (NIRS)**
Duraisamy Balaguru - University of Texas Houston School of Medicine, Houston, Texas & Newark Beth Israel Medical Center
20. **Near-infrared Spectroscopy as a Tool to Assess Cardiac Output in the Pediatric Patients After Cardiac Surgery**
Christine Myers-Doran - Schneider Children's Hospital, Morgan Stanley Children's Hospital
21. **Splanchnic-Renal Oxygenation Monitoring Using Near Infrared Spectroscopy (NIRS): Is it a Marker of Low Cardiac Output State in Children After Cardiac Surgery?**
Utpal Bhalala - The Children's Hospital of Philadelphia and Newark Beth Israel Medical Center
22. **Let's Talk: Promoting Effective Communication in the Cardiac Operating Room Through Simulation**
Patricia Galvin - Children's Hospital Boston
23. **BEYOND BORDERS: Nursing Experience in a Cardiac Surgery Satellite Program**
Rita Castro - Fundación De Todo Corazón Richard Gibson, Hospital de Especialidades Pediátricas
24. **Improving Care and Changing Culture through Nursing Developmental Rounds**
Amy Jo Lisanti - The Children's Hospital of Philadelphia
25. **Share Our World: A Unique Opportunity for Cardiac Nurses to Share Their Work and Experiences with Family Members and Loved Ones**
Amanda Seelhorst - The Children's Hospital of Philadelphia
26. **Cost Containment Versus Quality of Care - Maintaining Standards and Efficiency**
Vanessa Garside - Great Ormond Street
27. **Coping While Caring for the Dying Child: Nurses' Experiences**
Katherine Cook - Children's Hospital Boston
28. **Decreasing Morbidity in the PCICU through Clinician Led Six Sigma Initiatives**
Christine Agee - Duke Children's Hospital and Health Center
29. **Sildenafil is Well Tolerated in Children and Young Adults Late After the Fontan Operation**
Nicole Mirarchi - The Children's Hospital of Philadelphia
30. **Predictors of Exercise Induced Hypertension in Repaired and Native Coarctation of the Aorta**
Jon Wagner - Children's Mercy Hospital
31. **Clinical Trial Evaluating the Use of Tissue Engineered Vascular Grafts in Fontan Surgery**
Christopher Breuer - Yale - New Haven Children's Hospital