

Friday, February 24, 2012

Featured Oral Abstracts - Outstanding Investigator Award

- 3 p.m. **Transcatheter Pulmonary Valve Implantation & TPVI in Young Children with Dysfunctional Right Ventricular Outflow Tract Conduits: Feasibility and Early Follow-up Results** - *Darren P. Berman, MD - Miami Children's Hospital*
- 3:10 p.m. **Neurologic Outcomes after Extracorporeal Life Support in Children with Cardiac Disease** - *Constantinos Chrysostomou, MD - Children's Hospital of Pittsburgh of UPMC*
- 3:20 p.m. **Refining Screening Strategies for 22q11.2 Deletions in Patients with Conotruncal Defects: Data from 1618 Consecutive Cases** - *Shabnam Peyvandi, MD - The Children's Hospital of Philadelphia*
- 3:30 p.m. **Validation of an Early Warning Scoring Tool for the Identification of Pediatric Cardiac Patients at Risk for Cardiopulmonary Arrest** - *Mary C. McLellan, BSN, RN - Children's Hospital Boston*
- 3:40 p.m. **Biomarkers Useful in Identifying Newborns at Risk for Death and Abnormal Neurodevelopmental Outcomes Following Cardiac Surgery** - *Barbara M. Weissman, MD - Emory University School of Medicine*
- 3:50 p.m. **Fetoscopic Placental Laser Photocoagulation Improves Right Ventricular Outflow Tract Obstruction in Twin-Twin Transfusion Syndrome** - *Shari L. Wellen, MD - The Children's Hospital of Philadelphia*

Thursday, February 23, 2012

Featured Oral Abstracts - Nursing Scientist Award

- 1:30 p.m. **Validation of an Early Warning Scoring Tool for the Identification of Pediatric Cardiac Patients at Risk for Cardiopulmonary Arrest** - *Mary C. McLellan, BSN, RN - Children's Hospital Boston*
- 1:45 p.m. **Inter-stage Weight Gain for Patients with Hypoplastic Left Heart Syndrome Undergoing the Hybrid Procedure** - *Holly Miller-Tate, RN - Nationwide Children's Hospital*
- 2 p.m. **Pediatric Cardiac Patient Pain Relief Related to Chest Tube Removal: Outcomes of A Practice Change** - *Audrey L. Beckman, BSN, RN - Children's Healthcare of Atlanta*
- 2:15 p.m. **Sternal Wound Infection Prevention in Pediatric Cardiac Surgery: A Protocolized Approach** - *Cathy S. Woodward, DNP, RN, PNP-AC - University of Texas Health Science Center San Antonio*
- 2:30 p.m. **ICU Discharge of Shunted Single Ventricle Patients: Standardizing a Moving Target via an Objective Discharge Score** - *Andrea Torzone Jameson, MSN, RN, CPNP, CNS - Children's Medical Center Dallas*
- 2:45 p.m. **Early Initiation of Feeds is Associated with Improved Clinical Outcomes in Infants with HLHS** - *Rebecca E. Brunelle, PNP-AC - Phoenix Children's Hospital*

POSTERS #1-17

Thursday, February 23, 2012 - 7 a.m. - 6 p.m.

Poster

- #1 **Impact of Pharmacist Follow-up Calls to Families of Pediatric Cardiothoracic Surgery Patients**
(501) *Leticia M. Montegna, PharmD - Sibley Heart Center, Children's Healthcare of Atlanta*
- #2 **Enhancing Nurse-Parent Support in the Cardiac Critical Care Unit**
(526) *Elena Nikolsky RN, BScN, MN/NP(c) - The Hospital for Sick Children, University of Toronto*
- #3 **From Diagnosis to Discharge: The Ideal Patient, Family, and Staff Experience**
(535) *Jennifer Dickson, RN, BSN- Children's Medical Center Dallas*
- #4 **The Patient and Family Experience in a Pediatric Cardiac Catheterization Unit**
(550) *Debbie Machado, RN - The Hospital for Sick Children, University of Toronto*
- #5 **Biomarkers of Brain Injury Following Cardiopulmonary Bypass in Infants: A Comparison of S100B, GFAP, and UCH-L1** (569) *David A. Hehir, MD - Children's Hospital of Wisconsin*
- #6 **The Initiation of a NeuroCardiac Care Program at a Children's Hospital**
(497) *Heather L. Hanson, DPT - The Children's Hospital of Philadelphia*
- #7 **Pilot Study: Use of the Neonatal Behavioral Assessment Scale with the Cardiothoracic Surgical Infant**
(506) *Kathy A. Murphy, MSN, RN, PNP-BC - Sibley Heart Center, Children's Healthcare of Atlanta*
- #8 **Pressure Ulcer Prevention in a Pediatric Cardiac Intensive Care Unit Using a Standardized Preventative Approach** (558) *Lindyce A. Kulik, MS, RN, CPNP - Children's Hospital Boston*
- #9 **Pressure Ulcer Prevention in the Cardiac Intensive Care Unit**
(481) *Stacie S. Spicer, RN, BSN - Sibley Heart Center, Children's Healthcare of Atlanta*
- #10 **Impact of a Simulation Integrated Educational Model for Training ECMO Specialists in a Cardiac Intensive Care Unit** (566) *Soi-Yu Chan, MD - Le Bonheur Children's Hospital*
- #11 **Risk Factors Associated with Readmission Following Pediatric Cardiothoracic Surgery**
(417) *Brian E. Kogon, MD - Sibley Heart Center, Children's Healthcare of Atlanta*
- #12 **Utility of a Clinical Practice Guideline in Treatment of Chylothorax in the Post-Operative Congenital Heart Patient** (462) *Jay Yeh, MD - C.S. Mott Children's Hospital, University of Michigan*
- #13 **Preoperative Intubation and Lack of Enteral Nutrition Predict Prolonged Stay after the Arterial Switch Operation** (490) *Ilias Iliopoulos, MD - Miami Children's Hospital*
- #14 **Mesenteric Near Infrared Spectroscopy and Gastrointestinal Complication in Children Undergoing Cardiac Surgery** (565) *Ilias Iliopoulos, MD - Royal Brompton Hospital, London, UK*
- #15 **Oral Feeding at Discharge Following Norwood Procedure for Hypoplastic Left Heart Syndrome**
(561) *Kathryn N. Nelson RN, DNP, CPNP - C.S. Mott Children's Hospital, University of Michigan*
- #16 **Feeding Protocols for Infants with Hypoplastic Left Heart Syndrome Birth Through Interstage**
(573) *Julie A. Slicker, RD CSP CD CNSD - Children's Hospital of Wisconsin*
- #17 **Does Home Monitoring Impact Parental Anxiety When Caring for Infants with Complex Congenital Heart Disease?** (480) *Jamie Stewart, RN, BSN, CPN - Nationwide Children's Hospital*

POSTERS #18-33

Thursday, February 23, 2012 - 7 a.m. - 6 p.m.

Poster

- #18 **Rescue Intervention for Threatened Systemic to Pulmonary Shunts Improves Inter-stage Outcomes**
(571) *Harun Fakioglu, MD - Arnold Palmer Hospital*
- #19 **Outcomes of Neonates Undergoing Systemic to Pulmonary Artery Shunt Procedures**
(458) *Juan Bolivar, MD - Miami Children's Hospital*
- #20 **Comparison of Right Ventricle to Pulmonary Artery Shunt and Modified Blalock Taussig Shunt on Ventricular Mechanics in Single Ventricle Circulation**
(410) *Ryan J. Butts, MD - Medical University of South Carolina*
- #21 **QRS Duration Changes in Patients with Hypoplastic Left Heart Syndrome Undergoing Hybrid Palliation: Pre-Hybrid to Post-Fontan** (425) *Shane Tsai, MD - Nationwide Children's Hospital*
- #22 **Red Zone Medication Safety Initiative In The Cardiac Intensive Care Unit**
(412) *Jeanne P. Ahern, BSN, MHA, RN, CCRN - Children's Hospital Boston*
- #23 **Nurses Increase IV Medication Administration Safety in the Cardiac ICU**
(428) *Patricia Goetz, MSN, BS - Cincinnati Children's Hospital Medical Center*
- #24 **Push My Button! A Nursing Campaign to Decrease Medication Errors**
(538) *Jodie Lantz, RN, BSN - Children's Medical Center Dallas*
- #25 **Post-op Huddle: A Nurse-led Project to Enhance Multi-disciplinary Communication**
(511) *Jodie Lantz, RN - Children's Medical Center Dallas*
- #26 **Use of Structured Post-Course Debriefing to Drive Rapid Curriculum Improvement for A Novel Inpatient CRM Course** (443) *Mary C. McLellan, BSN, RN, CMT, CPN - Children's Hospital Boston*
- #27 **Transitioning Post-operative Patients to the Pediatric Cardiac Intensive Care Unit; PCICU Beginning in the Operating Room** (568) *Amy B. Lorente, RN, BSN, MSNc - University of California Davis Children's Hospital*
- #28 **Implementing a Huddle to Improve Communication, Teamwork, and Learning in the Cardiac Intensive Care Unit** (474) *Mary O'Brien, RN, BSN - Children's Hospital Boston*
- #29 **Feeling Appreciated at Work: Improving Shift to Shift Handover Report**
(567) *Sumar Rahman, RN, BScN - The Hospital for Sick Children, University of Toronto*
- #30 **Cardiac ICU Staff Perception on Improving Patient Safety Through the Use of Checklists**
(435) *Connie M. Fischman RN, BSN - Miami Children's Hospital*
- #31 **Development of Color-Based Clinical Acuity Leveling System in the Cardiac Intensive Care Unit and CICU** (448) *Coleeta A. Davis, MSN-Ed, BSN, BS, CCRN - Sibley Heart Center, Children's Healthcare of Atlanta*
- #32 **Measuring the Complexity and Autonomy of Nursing Care in the Pediatric Cardiac Intensive Care Unit** (415) *Christine LaGrasta, MS, RN, CPNP-PC/AC - Children's Hospital Boston*
- #33 **Preoperative Risk Factors for Early and Interstage Death Following the Norwood Operation**
(532) *Pirouz Shamszad, MD - Texas Children's Hospital, Baylor College of Medicine*

POSTERS #34-48

Thursday, February 23, 2012 - 7 a.m. - 6 p.m.

Poster

- #34 **Assessment of Pulmonary Artery Growth in Pulmonary Atresia with Ventricular Septal Defect and Major Aortopulmonary Collateral Arteries Patients**
(475) I. Ricardo Argueta-Morales, MD - Arnold Palmer Hospital
- #35 **Safety and Efficacy of Re-Operative RVOT Reconstruction in Patients with Congenital Heart Disease**
(420) Michael F. Swartz, PhD - University of Rochester
- #36 **Early Outcomes After Re-Operative Right Ventricular Outflow Tract Reconstruction: Do Multiple Sternotomies Effect Morbidity and Mortality?** *(483) Michael F. Swartz, PhD - University of Rochester*
- #37 **Risk Factors for Development of Coronary Artery Aneurisms in Kawasaki Disease in Mexican Children**
(528) Luis M. Garrido-Garcia, MD - Instituto Nacional De Pediatria, Mexico
- #38 **Diagnosing Kawasaki Disease: Do We Follow the 2004 American Heart Association/American Academy of Pediatrics Guidelines?** *(559) S. Kristen Sexson Tejtel, MD, PhD - Seattle Children's Hospital*
- #39 **Clinical and Laboratory Predictors of Coronary Artery Changes in Kawasaki Disease: Do Guidelines Help?** *(560) S. Kristen Sexson Tejtel, MD, PhD - Seattle Children's Hospital*
- #40 **Comparison of the Effective Radiation Dose Between Computed Tomographic Angiography of the Chest and Diagnostic Cardiac Catheterization in Pediatric Patients** *(405) Timotheus Watson, MD - Medical University of South Carolina*
- #41 **Isotropic 3D Magnetic Resonance Imaging, A Time Efficient and Contrast Free Evaluation of Cardiac Morphology in Patients with Congenital and Acquired Heart Diseases** *(431) Wasim Khan, MD - Akron Children's Hospital*
- #42 **Tolvaptan Improves Fluid Balance and Stabilizes Sodium in Pediatric Patients with Hyponatremia and Heart Failure** *(466) Kasey Zawodniak, RN, CPNP-AC - Children's Medical Center Dallas*
- #43 **The Effect of Red Blood Cell Transfusions on Pediatric Heart Transplant Patients**
(500) Kimberly Howard-Quijano, MD - University of California, Los Angeles
- #44 **Vitamin D Deficiency in Individuals With Hypertrophic Cardiomyopathy**
(426) Muneesh Mehra, BS - University of Medicine and Dentistry of New Jersey
- #45 **Atrioventricular Valve Regurgitation in Patients with Atrioventricular Canal Defects: From Fetal to Postnatal Life** *(507) Brooke T. Davey, MD - The Children's Hospital of Philadelphia*
- #46 **Fetal Right and Left Ventricle Myocardial Performance Index: Defining the Normal Values for Second and Third Trimesters, Single Tertiary Center Experience** *(541) Hani S. Ghawi, MD - Rush University Medical Center*
- #47 **The Impact of Fetal Diagnosis on Duct-Dependent Congenital Heart Lesions**
(539) Varsha Thakur, MD, MSc - The Hospital for Sick Children, University of Toronto
- #48 **Utility of Pulse Oximetry and Bedside Echocardiography in Identifying Congenital Cardiac Malformations in Neonates** *(536) Anita Saxena, MD, DM - All India Institute of Medical Sciences*

POSTERS #49-65

Thursday, February 23, 2012 - 7 a.m. - 6 p.m.

Poster

- #49 Association of Gestational Age and Indomethacin Initiation with Failed Treatment of Patent Ductus Arteriosus (546) *Justin Elhoff, MD - Medical University of South Carolina*
- #50 Decreased Right Ventricular Function in Healthy Pediatric Cystic Fibrosis Patients Versus Non-Cystic Fibrosis Patients (486) *Nazire Ozcelik, MD - Nationwide Children's Hospital*
- #51 Left Main Coronary Artery Compression in Adult Congenital Patients with Pulmonary Artery Hypertension (524) *S. Kimara March, MD - Mayo Clinic*
- #52 10,000 Step Per Day Exercise Program Was Not Beneficial for Mustard/Senning Patients (508) *Lauren Sterrett, MS - Riley Hospital for Children at Indiana University Medical Center*
- #53 Incidence, Patient Characteristics, and Outcomes of Children and Young Adults with Aortic Dissection: A Multi-Institutional Review (531) *Pirouz Shamszad, MD - Texas Children's Hospital Baylor College of Medicine*
- #54 VKORC1 Genotypes, Age, and Congenital Heart Disease: Determinants of Warfarin Dosing in Children (499) *Nguyenvu T. Nguyen, MD - Children's Memorial Hospital*
- #55 Improving Access to Cardiac Care: Development of a High Acuity TransitionHeArT Clinic (416) *Nguyenvu T. Nguyen, MD - Children's Memorial Hospital*
- #56 Safe and Effective Use of a Glycemic Control Protocol for Neonates in a Cardiac Intensive Care Unit (469) *Camden L. Hebson, MD - Sibley Heart Center, Children's Healthcare of Atlanta*
- #57 Surfactant Administration During Extracorporeal Membrane Oxygenation in Children with Cardiac Disease (467) *Khoa N. Nguyen, MD - Children's Hospital of Pittsburgh*
- #58 Blood Lactate Measurements Risk-Stratify Infants after Surgery for Congenital Heart Disease (479) *Kurt R. Schumacher, MD - C.S. Mott Children's Hospital, University of Michigan*
- #59 Cardiorenal Syndrome In Neonates With Congenital Heart Disease: Creatinine vs. Biomarkers for Early Detection Of Acute Kidney Injury (505) *Melissa Nater, MD - The Heart Institute for Children, Advocate Hope Children's Hospital*
- #60 Liver Function Tests in Patients Recovering after Open Heart Surgery: Current Practice (554) *Plato J. Alexander, MD - Miami Children's Hospital*
- #61 Comparison of Profiles of Perioperative Systemic Inflammatory Response in Neonates Undergoing The Norwood Procedure or Arterial Switch Operation (529) *Santokh Dhillon, MD - Stollery Children's Hospital, University of Alberta*
- #62 Stability of Levosimendan During Simulated Y-site Administration (447) *Wayne II S. Moore, PharmD - A.I.DuPont Hospital for Children/Nemours Cardiac Center*
- #63 Junctional Ectopic Tachycardia After Infant Heart Surgery: Incidence and Outcomes (427) *Jeffrey D. Zampi, MD - C.S. Mott Children's Hospital, University of Michigan*
- #64 Post Operative Junctional Ectopic Tachycardia in Recent Surgical Era (530) *Majd Makhoul, MD - Sibley Heart Center, Children's Healthcare of Atlanta*
- #65 Use of Treprostinil in Treatment of Pediatric Pulmonary Hypertension: A Case Study (522) *Kim Fehr, RRT-NPS - The Children's Hospital of Philadelphia*

POSTERS #66-68

Thursday, February 23, 2012 - 7 a.m. - 6 p.m.

Poster

- #66 **Annular Tilt is Not Sensitive in Detecting Changes in Mildly Dilated Right Ventricles**
(459) *Nazia Husain, MD, MPH - Nationwide Children's Hospital*
- #67 **Enhanced Ventricular Interdependence is Observed in Pediatric Patients with Right Ventricular Hypertension Secondary to Pulmonary Valve Stenosis**
(570) *Olawale O. Olabiyi, MD - Texas Children's Hospital, Baylor College of Medicine*
- #68 **Transesophageal Echocardiography in Critically Ill Post-Operative Infants: Comparison of Acunav- ICE versus Mini-TEE Transducers**
(482) *Sunita J. Ferns, MD, MRCPCH - University of Illinois at Chicago, Hope Children's Hospital*

POSTERS #1-17

Friday, February 24, 2012 - 7 a.m. - 8 p.m.

Poster

- #1 **Innovative Tactics for Reducing Mortality and Improving Pediatric Cardiovascular Outcomes in Developing Countries (509)** *Jason M. Thornton, MSN - Children's Hospital Boston*
- #2 **Assessment of Left Ventricular Geometry, Functions and Mass in Patients with Metabolic Syndrome (413)** *Ahmed M. Sanad, MSc. - Suez Canal University - Egypt*
- #3 **Life with Rheumatic Heart Disease: First Insights from Remedy (492)** *Liesl J. Zühlke, ChB, DCH, FC Paeds, Cert Card, MPH - University of Cape Town, Red Cross Childrens Hospital*
- #4 **Results of the Rheumatic and Rheumatic Heart Echo Utilization and Monitoring Actuarial Trends in Indian Children's; Study: Experience from Rural and Urban Areas of North India (437)** *Anita Saxena, MD, DM - All India Institute of Medical Sciences*
- #5 **Echocardiographic Screening for Congenital Heart Disease Among 6270 Asymptomatic School Children in a Rural Region of North India (438)** *Anita Saxena, MD, DM - All India Institute of Medical Sciences*
- #6 **Improvement of Outcomes and the Mission of the ISNPCHD: Description of a Global Electronic Approach to Validate and Certify the Linkage of Images to the IPCCC Terms and Definitions (452)** *Jorge M. Giroud, MD - Congenital Heart Institute of Florida*
- #7 **Ethnic Differences in Congenital Cardiac Disease in Manitoba (408)** *David Horne, MD - Variety Children's Heart Centre, Winnipeg, Manitoba*
- #8 **Establishing a Pediatric Cardiovascular Program in a Developing World Country (536)** *Beverly M. Small, RN - Children's Hospital Boston*
- #9 **Advanced Cardiovascular Screening Enhances Detection of Occult Cardiovascular Disease (510)** *Gul H. Dadlani, MD - All Children's Hospital, Johns Hopkins Medicine*
- #10 **Progressive and Methodical Development of a New Pediatric Cardiothoracic Surgery Program (563)** *Celia Buckley, RN, MS, CNS - University of California Davis Children's Hospital*
- #11 **Design of a Smart-Phone App to Improve Care of High Risk Populations of Children with Heart Disease (576)** *Brent KeVERN, BS - Medical University of South Carolina*
- #12 **Empiric Evaluation of the Performance of the APRDRG Diagnostic Classification System (549)** *Aimee S. Parnell, MD - The Children's Hospital of Philadelphia*
- #13 **Myocardial Protection Strategy Utilizing Retrograde Cardioplegia for Neonatal Arterial Switch Operation (572)** *Thomas Kleisli, MD - Phoenix Children's Hospital*
- #14 **Management of Patients with Muscular VSDs, Single Center 15 year Experience (504)** *Danyal Khan, MD - Miami Children's Hospital*
- #15 **The Impact of Trisomy 21 on the Perioperative Course and Surgical Outcome in Patients with Complete Atrioventricular Septal Defect (423)** *Lubica Kovacicova, MD, PhD - National Institute of Cardiovascular Diseases, Bratislava*
- #16 **Spectrum of Pentalogy of Cantrell: Case Series from a Single Tertiary Care Center (548)** *Kiran K. Mallula, MD - Rush University Medical Center*
- #17 **Effect of Body Weight on the Outcome of Ventricular Septal Defect Repair (489)** *Ahmad I. Aldughiem, MD - National Guard Health Affairs, Riyadh*

POSTERS #18-32

Friday, February 24, 2012 - 7 a.m. - 8 p.m.

Poster

- #18 **Body Mass Index is an Important Determinant of Aerobic Capacity Following Fontan Procedure**
(470) *Heather Hanson, PT, DPT - The Children's Hospital of Philadelphia*
- #19 **18 Years of the Fontan Operation at a Single Institution: Results From 771 Consecutive Patients**
(519) *Lindsay Rogers, MD - The Children's Hospital of Philadelphia*
- #20 **Practice Variation in Medical Therapy with Angiotensin Converting Enzyme and ACE Inhibitors in Single Ventricle Patients Post-Fontan Procedure**
(465) *Ursula Madej, B.Sc., Hon B.A. - University of Calgary*
- #21 **Low Late Mortality after Fontan Revisions Associated with Arrhythmia**
(491) *Wilson W. Lam, MD - Texas Children's Hospital, Baylor College of Medicine*
- #22 **The Relationship of Exercise Performance and Objective Measurements of Neurological Development**
(678) *Jake Chatzky - The Children's Hospital of Philadelphia*
- #23 **Effects of Music on Children Across States of Health and Disease**
(454) *Rohan G. Shirali - Academic Magnet High School, North Charleston, SC*
- #24 **Heart2Heart: Teen Volunteer Mentoring Program for Cardiac Patients**
(424) *Suzanne J. Reidy, MS, RN - Children's Hospital Boston*
- #25 **Parents of Children with Congenital Heart Disease Prefer More Information than Cardiologists Provide** (487) *Bhawna Arya, MD - Morgan Stanley Children's Hospital*
- #26 **Recreation and Leisure Activities in School-Aged Children with CHD Following Infant Heart Surgery**
(553) *Nancy B. Burnham, RN - The Children's Hospital of Philadelphia*
- #27 **Pulsatile Bidirectional Glenn with a Patent Sano Shunt: Risks and Benefits**
(525) *Sunita J. Ferns, MD, MRCPC - University of Illinois at Chicago, Hope Children's Hospital*
- #28 **Balloon Angioplasty of Recurrent Coarctation After the Norwood Operation: A Comparison of the Prograde Versus Retrograde Approach**
(555) *Suma Potiny, MD - Medical University of South Carolina*
- #29 **Prevalence and Long-term Outcomes Following Balloon Angioplasty of Coarctation of the Neo-aorta After the Norwood Operation** (556) *Suma Potiny, MD - Medical University of South Carolina*
- #30 **Fate of Right Ventricular and Valve Performance Following Early Bidirectional Glenn After Norwood Operation: Impact of Shunt Strategy Controlled for Hypoplastic Left Heart Syndrome Anatomical Subtype** (494) *Anastasios C. Polimenakos, MD - Rush University Medical Center*
- #31 **Hypoplastic Left Heart Syndrome Patients Exhibit Faster Neoaortic Root Enlargement Than Transposition Patients** (414) *Michael A. McCulloch, MD, MPH - A.I. DuPont Hospital for Children/Nemours Cardiac Center*
- #32 **Ultrasound Guided Femoral Vein Catheterization in Neonates with Cardiac Disease**
(473) *Jeffrey A. Alten, MD - University of Alabama at Birmingham*

POSTERS #33-49

Friday, February 24, 2012 - 7 a.m. - 8 p.m.

Poster

- #33 **Outcomes of Pulmonary Balloon Valvuloplasty for Isolated Pulmonary Valve Stenosis in Children**
(418) *John J. Parent, MD - Riley Hospital for Children at Indiana University Medical Center*
- #34 **Heterotaxy Syndrome: Impact of Ventricular Morphology on Resource Utilization**
(484) *Venugopal Amula, MD - Primary Children's Medical Center*
- #35 **Occurance of Pulmonary Hypertension in Pediatric Heterotaxy Syndromes**
(557) *Eden Koko, RN - The Children's Hospital of Philadelphia*
- #36 **Heterotaxy Syndrome and Intestinal Rotation Abnormalities: A Survey of Institutional Practice**
(516) *Charissa R. Pockett, MD - Stollery Children's Hospital, University of Alberta*
- #37 **Incidence and Effect on Outcomes of Post Operative Arrhythmias in Patients with Heterotaxy**
(575) *Mark A. Clay, MD - Children's Medical Center Dallas*
- #38 **Expansion of the CVICU: More Than Just Adding Beds**
(455) *Deitra T. Brown, RN - Texas Children's Hospital, Baylor College of Medicine*
- #39 **Point of Care Testing: Responsible Utilization - What are we Missing?**
(498) *Marcella R. Bryant, RN, MSN, NE-BC - Sibley Heart Center, Children's Healthcare of Atlanta*
- #40 **The H.E.A.R.T. of the Matter: Navigation Tool Guides Kentucky Children's Heart Center Team**
(515) *Korinne J. Callihan, RN, BSN - Kentucky Children's Hospital*
- #41 **Cost Containment Versus Quality of Care - Maintaining Standards and Efficiency**
(512) *Vanessa Garside, RSCN, Honors Degree - Great Ormond Street Hospital for Children*
- #42 **Management of Peripherally Inserted Central Catheters and PICC; in Pediatric Heart Failure Patients Receiving Continuous Inotropic Support**
(534) *Maeve Giangregorio, RN, BSN, CPN - Children's Hospital Boston*
- #43 **Improving Hand Hygiene Compliance in the Pediatric CICU**
(461) *Heather Maude, RN, BSN, CCRN - Sibley Heart Center, Children's Healthcare of Atlanta*
- #44 **Culture Change: How One Cardiac Intensive Care Unit Decreased its Rate of Central Line Associated Blood Stream Infections** (564) *Maryam Y. Naim MD, The Children's Hospital of Philadelphia*
- #45 **Care of Intracardiac lines in Pediatric Heart Surgery: An Evidence Based Practice Project**
(451) *Jane L. Salvaggio, BSN, ARNP - Miami Children's Hospital*
- #46 **Promises and Pitfalls of Improving Compliance with Ventilator-Associated Pneumonia; Prevention Strategies in the PCICU** (450) *Stacy L. Sanchez, MSN, RN, CPN - Morgan Stanley Children's Hospital*
- #47 **Surgical Therapy of Infective Endocarditis in a Tertiary Children's Hospital: A 13 Year Experience**
(562) *Pirouz Shamszad MD - Texas Children's Hospital, Baylor College of Medicine*
- #48 **Infective Endocarditis in the Pediatric Patient: A 60-Year Single Institution Review**
(476) *Jennifer A. Johnson, DO - Mayo Clinic*
- #49 **Risk Factors for Surgical Site Infections in Pediatric Cardiac Surgery Patients Requiring Delayed Sternal Closure** (446) *Erika E. Harder, MD - C.S. Mott Children's Hospital, University of Michigan*

POSTERS #50-65

Friday, February 24, 2012 - 7 a.m. - 8 p.m.

Poster

- #50 **Case Series of Ibutilide Therapy in the Conversion of Atrial Flutter in Neonates (518)** *Ravi C. Ashwath, MD - Case Western Reserve University, Rainbow Babies and Children's Hospital*
- #51 **Sports Participation in Children with Genotype-Positive Long QT Syndrome (409)** *Peter F. Aziz, MD - Cleveland Clinic*
- #52 **Prevalence of Electrocardiogram Screening and Cardiac Diagnoses in Apparent Life-Threatening Events in Children (488)** *Matthew D. Elias, MD - The Children's Hospital of Philadelphia*
- #53 **Incidence of Abnormal Serologic Studies in Patients with Paroxysmal Supraventricular Tachycardia in the Emergency Department Setting (464)** *Michael Johansen, DO - Riley Hospital for Children at Indiana University Medical Center*
- #54 **Arrhythmias in Pediatric Patients with Ventricular Assist Devices (493)** *William B. Kyle, MD - Texas Children's Hospital, Baylor College of Medicine*
- #55 **Providing Comprehensive Patient Care: The Enhancement of a Syncope Program (543)** *Heidi Lancaster, RN - Cincinnati Children's Hospital Medical Center*
- #56 **Feasibility of Coronary Sinus Lead Implantation in Congenitally Corrected Transposition of the Great Arteries (523)** *Chenni S. Sriram, MBBS, MD - Mayo Clinic*
- #57 **Creating a Collaborative Playground: Pediatric Nurses and Physicians Improving Communication to Ensure Patient Safety (453)** *Angela J. Kinstler, BEd., MSN - Cincinnati Children's Hospital Medical Center*
- #58 **Go with the Flow (468)** *Angela J. Kinstler, BEd., MSN, RN, CNL - Cincinnati Children's Hospital Medical Center*
- #59 **Patient Data Presentation by Bedside Nurse at PCICU Multidisciplinary Rounds (574)** *Barbara L. Goebel, RN, MS, PNP, CNS - University of California Davis Children's Hospital*
- #60 **Implementation of a Daily Goals Worksheet in a Pediatric Cardiac Critical Care Unit (496)** *Lisa Mak, RN, BSc, BScN, MSN - The Hospital for Sick Children, University of Toronto*
- #61 **Nurses Take Center Stage: Nurse Driven Bedside Rounds (514)** *Misty Ellis, MSN, APRN - University of Kentucky Healthcare*
- #62 **Relationship of 2D Echocardiographic Strain Imaging in Pediatric Heart Transplant Patients and Healthy Children (429)** *Ivan Wilmot, MD - All Children's Hospital, Johns Hopkins Medicine*
- #63 **Age and Gender Related Changes in Left Ventricular Strain by Two-Dimensional Speckle Tracking in Healthy Pediatric Patients (430)** *Ivan Wilmot, MD - All Children's Hospital, Johns Hopkins Medicine*
- #64 **En-face Phase Contrast Velocity Cardiovascular Magnetic Resonance Imaging Predicts Stretched Balloon Size of Atrial Septal Defects (444)** *Cheryl G. Zvaigzne, MSc - Alberta Children's Hospital, University of Calgary*
- #65 **Aortic and Biventricular Function in Pediatric Meningococcal Septic Shock Survivors as Assessed with MRI (406)** *Heynric Grotenhuis, MD, PhD - Leiden University Medical Center, Netherlands*

POSTERS #66-71

Friday, February 24, 2012 - 7 a.m. - 8 p.m.

- #66 **The Development and Implementation of a Structured Individualized Orientation Program Specific to the combined Pediatric Cardiac Intensive Care and Step Down Unit**
(547) Denise A. Haddocks, RN, BS, CCRN - Arnold Palmer Hospital
- #67 **Teaching Paediatric Basic Life Support for Careers of High Risk Paediatric Patients**
(449) Rosanna Meryon, MN, PG - Dip Royal Brompton Hospital, London, UK
- #68 **Virtual Interactive Cardiac Simulator: An Innovative Approach to Teaching Congenital Heart Disease to Neonatal Nurse Practitioner Students** (411) *Lindy L. Moake, RN, MSN, PCCNP
Childrens Medical Center of Dallas and University of Texas at Arlington*
- #69 **Gaining a 360 Degree Perspective for the New Graduate Nurse in a Busy Paediatric Cardiac Unit**
(502) Diana M. Robertshaw, RSCN, RGN, BSc - Great Ormond Street Hospital
- #70 **Triage in the Pediatric Cardiology Outpatient Clinic: Improving the Outcome**
(442) Diane L. Proctor, RN, MSN, CNS - Cincinnati Children's Hospital Medical Center
- #71 **Optimizing Patient Flow Through the Heart Center Outpatient Clinic at Children's Medical Center Dallas** (537) *Autumn L. Steffee, MBA, MHA - Children's Medical Center Dallas*