

# Midwest Pediatric Cardiology Society Virtual Meeting

SEPTEMBER 18, 2020

## AGENDA (ALL TIMES EASTERN)

9:30-9:35 Welcome and MWPCS update

9:35-11:05 Session 1: Cardiac Surgery

9:35-9:50 Joseph Nellis - Left Anterior Mini-incision (LAMI) for Congenital Pulmonary Arterial and Valvular Anomalies

9:50-10:05 Erika Schmidt - Infection Prophylaxis in Congenital Heart Surgery—A Comparison of Two Regimens

10:05-10:20 Sharadhi Madhusudhana - Valve Sparing Aortic Root Reconstruction in Children and Young Adults

10:20-10:35 Hank Wirth - Increasing use of the right ventricle to pulmonary artery shunt for Stage 1 palliation: A report from the NPC-QIC

10:35-10:50 Jonathan Liles - An Institutional Review of Complex Tracheal Reconstructions Performed on Cardiopulmonary Bypass

10:50-11:05 Nicholas Braukmann - Leaflet Extension Use in Pediatric Aortic Valve Repair: A Retrospective Study

11:05-11:20 Break (highlighted posters)

Amanda Phillips - Semilunar valve replacement with Fontan circulation: The Mayo Clinic Experience

Nicholas Schreiter - The STS Public Reporting System of Congenital Heart Surgery Outcomes May not be Useful to Guide Referrals for Practicing Pediatric Cardiac Providers

11:20-12:50 Session 2: Imaging

11:20-11:35 Anthony Zhang - Diagnostic Utility of Noncontrast Three-Dimensional Steady-State Free-Precession Magnetic Resonance Angiography compared to Conventional Contrast Magnetic Resonance Angiography in Pediatric and Adult Patients for Aortic and Pulmonary Artery Dimensions

11:35-11:50 Samuel Brayer - Relation of Magnetic Resonance Elastography to Fontan Failure in a Cohort of Pediatric and Adult Patients

11:50-12:05 Kaitlin Ring - Care Management of Non-emergent Echocardiographic Diagnosis in Newborns

12:05-12:20 Chalani Ellepola - Limitations Of Predicting Postoperative Left Atrioventricular Valve Regurgitation By Transesophageal Echocardiography

12:20-12:35 Kurt Bjorkman - A New Use for One of Cardiology's Greatest Tools: novel method of tracheal imaging in pediatric echocardiography to determine aortic arch sidedness, and rule out double aortic arch and pulmonary artery sling

12:35-12:50 Nina Morgan - Serial Evaluation of Single Ventricle Function Using Deformation Imaging Predicts Adverse Outcomes in Patients with Fontan Circulation

12:50-1:30 Lunch Break (highlighted posters)

Eric Boeshart - Perfect Match: Evaluating Cardiac Volumes for Optimizing Donor to Recipient Match for Pediatric Heart Transplant Recipients

Charlotte Srnka - Improving Echocardiogram Report Completeness in Patients with Repaired Tetralogy of Fallot: A Quality Improvement Initiative

Laura Shopp - Interpretation of Emergency Department Focused Cardiac Ultrasonography by Pediatric Emergency Medicine Physicians and Pediatric Cardiologists

Daniel Sweeney - Delivery Outcomes in a Non-Tertiary Care Center for Women with Congenital Heart Disease

Colleen Lancial - Age Influences The Preferred Mode Of Communication In Adults With Congenital Heart Disease

Nathan Miller - Evolving Indications for Implantable Loop Recorders in Pediatric Patients

Amanda Jepson - Use of novel exercise test parameters to predict adverse outcome in patients with Tetralogy of Fallot

Brian Hughes - Higher Burden of Fetal Premature Ventricular Contractions - Correlation with Structural Heart Disease and Arrhythmia

1:30-3:00 Session 3: Cardiology potpourri (Fetal, Cath, Heart failure/transplant)

1:30-1:45 Kristin Schneider - Late Gestation Fetal Growth in Infants Undergoing Stage 1 Palliation for Single Ventricle Heart Disease

1:45-2:00 David Segar - Postnatal imaging and hospitalization of infants with fetal RV/LV size discrepancy

2:00-2:15 Allison Taber - Cardiac Output Measurement Comparison: Electrical Cardiometry vs. Pulmonary Artery Thermodilution

2:15-2:30 Kamel Shibbani - Pre-Clinical Comparative Assessment of a Dedicated Pediatric PLLA based Bioresorbable Scaffold with a Low Profile Bare Metal Stent

2:30-2:45 Kamel Shibbani - A Minipig Genetic Model for Hypertrophic Cardiomyopathy

2:45-3:00 Defne Magnetta - Impact of Public Insurance on Waitlist and Post-transplant Mortality in Young Heart Transplant Candidates: A UNOS Registry Analysis

3:00-3:15 Break (highlighted posters)

Sai Suma Samudrala - Novel KLHL26 Variant Associated with a Familial Case of Ebstein's Anomaly and Left Ventricular Non-Compaction

Alan Wang - The Role of High-Sensitivity Troponin T for Detection of Heart Disease in the Pediatric Emergency Department

3:15-4:45 Session 4: Outcomes

3:15-3:30 Alex Bryant - Evaluation and treatment of suspected myocarditis in the pediatric patient: a survey of current practices

3:30-3:45 Aaron Clem - Cardiac Complications in Children with SARS-CoV-2 Associated Multi-System Inflammatory Syndrome (MIS-C)

3:45-4:00 Janna Ochoa - Modified DALYs averted equation to calculate cost-effectiveness of humanitarian congenital heart disease surgery in Peru

4:00-4:15 Jesse Boyett Anderson - Management of Isolated Bicuspid Aortic Valve: Current Practice Survey

4:15-4:30 Hieu Ta - Center Variation of Remaining Inpatient from Stage 1 to Stage 2 Palliation – A report from the NPC-QIC

4:30-4:45 Hannah Van Galder - Investigating susceptibility to pulmonary arteriovenous malformations prior to Fontan palliation in heterotaxy

4:45-5:00 Fairwell

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