Congenital Heart Disease - Scientific
Session #601
Post-Surgical Care of Children with CHD: From ICU to Your Office
Friday, March 17, 2017, 8 a.m. - 9:30 a.m.
Room 146 C
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Lisa Kohr
Co-Chair: Steven Schwartz
8:00 a.m.
Nutrition Management, What’s the Cardiologist Supposed to Do?
David Hehir
Philadelphia, PA
8:15 a.m.
Debate: Sedation Following Infant Cardiac Surgery: We’re Not Doing Enough (Pro)
Ricardo A. Munoz
Pittsburgh, PA
8:30 a.m.
Debate: Sedation Following Infant Cardiac Surgery: Less is More (Con)
Michael Gaies
Ann Arbor, MI
8:45 a.m.
Interviewee: Neurodevelopmental Care
Gil Wernovsky
Miami, FL
8:45 a.m.
Interviewer: An Interview with Dr. Gil Wernovsky
William Mahle
Atlanta, GA
9:10 a.m.
Question and Answer

Congenital Heart Disease - Self-Assessment
Session #800
Test Yourself with Questions: Pediatric Cardiology
Friday, March 17, 2017, 8 a.m. - 9:30 a.m.
Room 147 A
CME Hours: 1.5 /CNE Hours:
Co-Chair: Timothy Feltes
8:00 a.m.
Faculty
Bryan C. Cannon
8:00 a.m.
Faculty
Stephen F. Kaine
Kan, MO
8:00 a.m.
Faculty
Susan P. Etheridge
Salt Lake City, UT
8:00 a.m.
Faculty
Daphne T. Hsu
Bronx, NY

Congenital Heart Disease - Hands-on Skills Learning
Session #1506
Personalized Skills Center: Hands-On Simulation - Congenital Heart Disease
Friday, March 17, 2017, 8:30 a.m. - 9:30 a.m.
Personalized Skills Center, East Salon AB
CME Hours: /CNE Hours:
8:30 a.m.
Congenital Heart Disease
Anne Marie Valente
Boston, MA

Congenital Heart Disease - Poster Contributions
Session #1101
Congenital Heart Disease: Progress in Pediatric Heart Surgery
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75
009 - Long-Term Transplant-Free Survival Following Surgery for Coarctation of the Aorta: A Study From the Pediatric Cardiac Care Consortium
Matthew Oster, Courteney McCracken, Melinda Cory, John Hunting, Lazaros Kochilas, Emory University, Atlanta, GA, USA, Children’s Healthcare of Atlanta, Atlanta, GA, USA
010 - The Aortic Perfusion Score: A Novel Scoring System to Predict Death or Transplant in Children With Pulmonary Atresia With Intact Ventricular Septum
Rohit Seth Loomba, Andrew Pelech, Children’s Hospital of Wisconsin, Milwaukee, WI, USA
011 - Congenital Heart Surgery in Patients With Trisomy 13 Associated With Lower In-Hospital Mortality
Katherine Kosiy, Jeffrey Gossett, Shasha Bai, Ronnie Collins, University of Arkansas for the Medical Sciences, Little Rock, AR, USA, Arkansas Children’s Hospital, Little Rock, AR, USA
012 - Early Hydrodynamic Assessment of Intestinal Sub-Mucosa Bioscaffold for Mitral Valve Replacement
Omkar Mankame, Lilliam Valdes-Cruz, Steven Bibeveski, Frank Scholl, Ivan Baez, Sharan Ramaswamy, Florida International University, Miami, FL, USA, Joe DiMaggio Children's Hospital, Hollywood, FL, USA
013 - A Red Cell Preservation Strategy Reduces Postoperative Transfusions in Pediatric Heart Surgery Patients
Meena Nathan, Brielle Tishler, Kimberlee Gauthreau, Gregory S. Matte, Robert J. Howe, Linda Durham, Sharon Boyle, Derek Mathieu, Francis Fynn-Thompson, James Dinardo, Juan Ibla, Boston Children's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA
015 - S-Nitrosohemoglobin Levels After Transfusion Predict Outcome of Pediatric BypassSurgery
Faisal Matto, Peter Kouretas, Richard Smith, Jacob Ostrowsky, Anthony Cina, Douglas Hess, Jonathan Stamler, James D. Reynolds, Case Western Reserve University, Cleveland, OH, USA, University Hospitals, Cleveland, OH, USA
016 - Prediction Tool for Congenital Heart Surgery Length of Stay
Peta Alexander, Matthew DiOrio, Catherine Allan, Ravi Thiagarajan, Kimberlee Gauthreau, Meena Nathan, Derek Mathieu, Aditya Kaza, James Dinardo, Jean Connor, John Mayer, Puja Banka, Jason Thornton, John Friedman, Lisa Bergersen, Boston Children's Hospital, Boston, MA, USA
014 - Validation of Technical Performance Score for Long-Term Outcomes in Congenital Heart Surgery: 10 Year Follow-Up Data
Meena Nathan, Steven Colon, Jane Newburger, Hua Liu, Kimberlee Gauthreau, Brielle Tishler, Pedro del Nido, Boston Children's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

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017 - Technical Performance Score Can Predict Post-Discharge Reinterventions in Partial and Transitional Atrioventricular Septal Defect Repair
Brrielle Tishler, Kimberly Gauvreau, Steven Colan, Pedro del Nido, Meena Nathan, Boston Children's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

018 - The Association of Technical Performance With Postoperative Complications and Hospital Costs for the Norwood Operation
Kimberly E. McHugh, Sara Pasquali, Mark Scheurer, Matthew A. Hall, Meena Nathan, Medical University of South Carolina, Charleston, SC, USA, Children's Hospital Boston, Boston, MA, USA

019 - Residual Atrioventricular Valve Regurgitation Post-Discharge Is Associated With Post-Discharge Reinterventions Following Complete Atrioventricular Septal Defect Repair
Kimberly Gauvreau, Pedro del Nido, Meena Nathan, Boston Children's Hospital, Boston, MA, USA, University Medical Center Utrecht, the Netherlands

020 - General Anesthesia Risk in Williams Beuren Syndrome Patients in the Current Era
Mark D. Levin, Beth A. Kozel, National Institutes of Health, Bethesda, MD, USA

Congenital Heart Disease - Poster Contributions Session #1102
The Story of the Adult Congenital Heart Disease Patient and EP Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

021 - Arrhythmia Burden & Outcomes in Eisenmenger Syndrome
Shankar Baskar, Philippa Horne, Samantha Fitzsimmons, Philip Khoury, Joseph Vettukattil, Koichiro Niwa, Teiji Agaki, Mark Spence, Gruschus Veldtman, Cincinnati Children's Hospital, Cincinnati, OH, USA

022 - Safety of Transvenous Lead Removal in Adult Congenital Heart Disease in the US
Xiaofan Guo, Robert Hayward, Eric Vittinghoff, Sun Yong Lee, Ian Harris, Mark Fletcher, Byron Lee, University of California, San Francisco, San Francisco, CA, USA, The First Hospital of China Medical University, Shenyang, People’s Republic of China

023 - Acquired Long-Term Cardiac Rhythm and Conduction Abnormalities After Arterial Switch Operation
Takeshi Tsuda, Jeanne Baffa, Bradley Robinson, Rami Kharouf, Abdul Bhat, Joel Temple, Nemours/A. I. duPont Hospital for Children, Wilmington, DE, USA

024 - Prevalence and Predictors of Atrial Tachyarrhythmias in Adult Fontan Patients
Anushree Agarwal, Aarthi Sabanayagam, Ahmed Kheiwa, Colin Cunnington, Ian Harris, Edward Gerstenfeld, Charles McCulloch, Elyse Foster, Zian Tseng, Lucas Zier, Petra Jenkins, Jaspal Dua, Devinda Karunaratne, Sahrkaw Muhyaldeen, Amir Zaidi, Adam Fitzpatrick, Clifford Garratt, Bernard Clarke, Andreas Hoschitzky, Vaikom Mahadaven, University of California San Francisco, San Francisco, CA, USA, Manchester Royal Infirmary, Central Manchester University Hospitals NHS Trust, Manchester, United Kingdom

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11:30 a.m. 
Twenty Year Trends in Maternal and Perinatal Complications in Pregnant Women With Heart Disease
Samuel C. B. Siu, Mathew Sermer, Jennifer Mason, Rachel Wald, Jack Colman, Candice Silversides, Western University, London, Canada, University of Toronto, Toronto, Canada

11:40 a.m. 
Question and Answer

11:45 a.m. 
Long-Term Follow-Up in Adult Survivors of Pulmonary Atria With Intact Ventricular Septum
Christine Bui, Wilson Lam, Wayne Franklin, Peter Ermis, Texas Children’s Hospital, Baylor College of Medicine, Houston, TX, USA

11:55 a.m. 
Question and Answer

Congenital Heart Disease - Poster Contributions
Session #1142
Adult Patients With Congenital Heart Disease: How Do They Compare?
Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

009 - Worse Outcomes in Hospitalizations of Women With Turner Syndrome Compared to Women Without Turner Syndrome
Isani Singh, Lindsay M. Duca, David Kao, Amber Khanna, University of Colorado, Aurora, CO, USA

010 - Risk of Stroke in Adult Patients With Congenital Heart Disease Compared With the General Population: A Danish Nationwide Population-Based Cohort Study
Mette Glavind Bülow Pedersen, Morten Olsen, Morten Schmidt, Henning B. Laursen, Søren Johnsen, Nicolas Madsen, Department of Clinical Epidemiology, Aarhus University Hospital, Aarhus N, Denmark, Heart Institute, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, USA

011 - Obstructive Sleep Apnea in Adult Congenital Heart Disease: Who Is at Risk?
Benjamin Hendrickson, Damiolola Olutunji, David Briston, Pamela Goldsmith, Matthew Granger, Trisha Gribble, Krista Kukovec, Renee Schnug, Rami Khayat, Curtis Daniels, Elisa Bradley, Ohio State University, Columbus, OH, USA, Nationwide Children’s Hospital, Columbus, OH, USA

012 - Mortality in Pregnant Women With Congenital Heart Disease: A Subanalysis of the California Pregnancy-Associated Mortality Review
Aarthi Sabanayagam, Ashunree Agarwal, Christy MacCain, Elizabeth Lawton, Elliot Main, Afshan Hameed, Ian Harris, Elyse Foster, University of California San Francisco, San Francisco, CA, USA

013 - Exercise Capacity After Repair of Ebstein Anomaly in Adults: The Cone Era
Brandon Morrical, Joseph A. Dearani, David J. Driscoll, Nathaniel Taggart, Mayo Clinic, Rochester, MN, USA

014 - Factors Associated With Completion of Advanced Directives in Adults With Congenital Heart Disease
Nancy H. Klein, Whitney Osborne, Rachel Steury, Seiji Ito, Ruth Philippi, Anitha John, Children’s National Health System, Washington, DC, USA

015 - Decreased Hepatic Elasticity in Young Adults After Biventricular Repair of Congenital Heart Disease
Shaija Shelby, David Danford, Jonathan Cramer, Angela Yetman, Shane Tsai, Ling Li, Scott Fletcher, Ruben Quiros-Tojeira, Shelby Kutty, University of Nebraska Medical Center, Omaha, NE, USA, Children’s Hospital and Medical Center, Omaha, NE, USA

016 - Right and Left Ventricular Mechanics Are Altered in Adolescents and Adults Late After Repair of Subarterial Ventricular Septal Defects
Sit-Yee Kwok, Susanna Yeung, Wing Yi Li, Yiu-Fai Cheung, University of Hong Kong, Hong Kong, Hong Kong

Congenital Heart Disease - Poster Contributions
Session #1143
Congenital Heart Disease: Advances in Quality Improvement for Pediatric Cardiac Care
Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

017 - Cost-Analysis of Outpatient Cardiac Catheterization in Infants With Single Ventricle Congenital Heart Disease
Jamie Colombo, Michael Spaeder, Jeffrey Vergales, Michael Hainstock, University of Virginia, Charlottesville, VA, USA

018 - Revenue Return on Investment for Center Involvement in a Quality Improvement Collaborative for a Rare Disease: National Pediatric Cardiology Quality Improvement Collaborative
Jeffrey B. Anderson, David Brown, Stacey Lihn, James Tweedell, Jesse Hansen, Mark McDonald, Greg Lubiani, Carole Lannon, Cincinnati Children’s Hospital, Cincinnati, OH, USA

019 - Standardizing the Care of Outpatient Pediatric Syncope and Dizziness: A Lesson in Utilization and Charge Reduction
Christopher Statte, Samuel Hanke, Richard Czosek, Enisa Handlon, James Brown, Amy Donnellan, Jeffrey Anderson, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, USA

020 - Making Perioperative Handoff Communication Count by Improving Safety and Quality in a New Congenital Heart Program
Pooja Nawathe, Nicole Berndsen, Veena Sivarajan, Vincent Olshove, Ken Catchpole, Alastair Phillips, Cedars Sinai Medical Center, Los Angeles, CA, USA

Congenital Heart Disease - Poster Contributions
Session #1144
Innovations in Pediatric Catheterization and EP: Mending, Fixing and Predicting
Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

021 - Treatment of Congenital Coronary Fistula
Fabiola Soto, Nicolas Hugues, Laura Iacuzio, Francois Bourlon, Filippo Civaia, Gilles Dreyfus, Vincent Dor, Cardiothoracic Centre, Montecarlo, Monaco, Ospedale Maggiore Policlinico, Milan, Italy

022 - Percutaneous Patent Foramen Ovale Closure Benefit: Is Right Patient Selection the Answer?
Luis Almeida-Morais, Lidia Sousa, Antonio Fiaresega, Ana T. Timoteo, Jose Diogo Martins, Filipa Ferreira, Jose Alberto Oliveira, Cristina Soares, Ana Agapito, Fatima Pinto, Rui Ferreira, Centro Universitário de Cardiologia, Hospital de Santa Marta, Lisbon, Portugal

023 - Outcome of Preoperative Electrophysiology Study in Patients With Ebstein Anomaly
Alexander C. Egbe, Vidhusheji Yogeswaran, Heidi Connolly, Mayo Clinic, Rochester, MN, USA

024 - Ductal Origin of an Isolated Pulmonary Artery: Initial Stenting Followed by Unifocalization
Navaneetha Sasikumar, Kyong-Jin Lee, Lee Benson, Rajiv Chaturvedi, The Hospital for Sick Children, Toronto, Canada
Congenital Heart Disease - Scientific
Session #626
Key Controversies in ACHD: The Time for Change is Now
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.
Room 146 C
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Curt J. Daniels
Co-Chair: Karen K. Stout
Panelist: Ami B. Bhatt
Panelist: Matthew J. Lewis
Panelist: George K. Lui
Panelist: Arwa Saidi

2:00 p.m.
Rome Was Not Built in a Day: How We Think About Adult Congenital Heart Disease and the Foundation of the New Guidelines
Curt J. Daniels
Columbus, OH

2:15 p.m.
Time for Change: Key Changes in ACHD Management Based on the 2016 Guidelines
Karen K. Stout
Seattle, WA

2:30 p.m.
Surgery is Still in: Class I Indications for Surgical Intervention in ACHD
Nathalie Roy
Boston, MA

2:45 p.m.
Models of Care: Guideline Perspective on Patient Centered Care and Management
Michelle Gurvitz
Boston, MA

3:00 p.m.
ACHD Guideline Highlights: Review of Class I Recommendations in the Updated ACHD Guidelines
Biykem Bozkurt
Houston, TX

3:15 p.m.
Panel Discussion

Congenital Heart Disease - Moderated Poster Contributions
Session #1171M
Predicting Outcomes in Pediatric Heart Disease
Friday, March 17, 2017, 3:45 p.m. - 4:30 p.m.
Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75
ACC Poster Moderator: Kimberly E. McHugh
ACC Poster Moderator: Richard Ringel

3:45 p.m.
Growth Dynamics of Aorta in Bicuspid Aortic Valve Patients From Infancy to Young Adult Age
Talha Niaz, Joseph Poterucha, Jonathan Johnson, Timothy Olson, Donald Hagler, Mayo Clinic, Rochester, MN, USA

3:55 p.m.
Question and Answer

4:00 p.m.
Insurance Type is Associated With Longer Hospital Duration but Similar Mortality Among Children Undergoing Congenital Heart Surgery
Kathleen Ryan, Claudia Algaze, Charlotte Sakarovitch, Thomas Do, Vamsi Yarlagadda, Susan Fernandes, Doff McElhinney, Stephen Roth, Catherine Krawczeski, Andrew Shin, Lucile Packard Children’s Hospital at Stanford, Palo Alto, CA, USA

4:10 p.m.
Question and Answer

4:15 p.m.
Risk Stratification of Children Undergoing Valve-Sparing Repair of Tetralogy of Fallot
Sophie C. Hofferberth, Sitaram M. Emani, Minmin Lu, Lynn A. Sleeper, Fatima Lunze, Gerald Marx, Christopher Baird, Pedro del Nido, Meena Nathan, Boston Children’s Hospital, Harvard Medical School, Boston, MA, USA

4:25 p.m.
Question and Answer

Congenital Heart Disease - Scientific
Session #640
Surgical and Transcatheter Valve Therapy for Congenital Heart Disease
Friday, March 17, 2017, 4:45 p.m. - 6 p.m.
Room 146 C
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: Sharon Cheatham
Co-Chair: Jennifer C. Romano
Panelist: Christopher Breuer
Panelist: John B. Cadigan, III
Panelist: Ignacio Inglessis
Panelist: Doff McElhinney

4:45 p.m.
Pre-debate Poll

4:46 p.m.
Debate: The Ross is the Best Aortic Valve Replacement for Adolescents (Pro)
Mark Turrentine
Indianapolis, IN

4:54 p.m.
Debate: The Ross is the Best Aortic Valve Replacement for Adolescents (Con)
Jennifer Romano
Ann Arbor, MI

5:02 p.m.
Post-debate Poll

5:03 p.m.
ACC-Talk: Transcatheter Valve Therapy: The Perspective of a Physician as a Father of a Patient
John B. Cadigan, III
Medfield, MA

5:09 p.m.
Transcatheter Valve Therapy: The Perspective of a Patient Whose Father is a Cardiologist
John B. Cadigan, IV
Medfield, MA

5:15 p.m.
Question and Answer

5:18 p.m.
Tissue Engineering Heart Valves for Fetuses
Christopher Breuer
Columbus, OH
5:27 p.m.
Question and Answer

5:30 p.m.
Update on Transcatheter Valve Therapy for the Native RVOT
Ignacio Inglessis
Boston, MA

5:39 p.m.
Question and Answer

5:42 p.m.
Hybrid Approach to Pulmonary Valve Replacement
Diego Porras
Boston, MA

5:51 p.m.
Panel Discussion

Congenital Heart Disease - Scientific Session #653
Six Years of Making an IMPACT
Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.
Room 146 C
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Robert Beekman
Co-Chair: Georges Ephrem
Panelist: Aimee K. Armstrong
Panelist: Matthew Lewis
Panelist: Gerard Martin
Panelist: Ada Stefanescu

8:00 a.m.
ACC Talk: The IMPACT Registry Can Be Used by Families to Shop for the Best Center
Gerard Martin
Washington, DC

8:12 a.m.
Question and Answer

8:15 a.m.
Creating an IMPACT: Establishing a Congenital Catheterization Registry from Scratch
Robert Vincent
Atlanta, GA

8:25 a.m.
Question and Answer

8:28 a.m.
Adjusting for Risk within IMPACT
Natalie Jayaram
Kansas City, MO

8:38 a.m.
Question and Answer

8:41 a.m.
How You Can Make an IMPACT: How to Use the Registry for Research
Brian Boe
Columbus, OH

8:51 a.m.
Question and Answer

8:54 a.m.
Proximal Pulmonary Artery Stenting: Efficacy and Adverse Events
Matthew Lewis
New York, NY

9:04 a.m.
Question and Answer

9:07 a.m.
Making an IMPACT: Using the Registry for QI
Aimee Armstrong
Columbus, OH

9:17 a.m.
Question and Answer

9:20 a.m.
Panel Discussion

Congenital Heart Disease - Core Curriculum Session #807
Core Curriculum: Rhythm and the Blues: Still Young at Heart
Saturday, March 18, 2017, 8 a.m. - 9:30 a.m.
Room 151 A
CME Hours: 1.5 /CNE Hours: 1.5
Chair: Carole A. Warnes

8:00 a.m.
Simple versus Complex CHD: When to Refer to a Specialist?
Ashraf Harahsheh
Washington, DC

8:25 a.m.
Common Misfirings of the Heart: Implications in ACHD
Dhaval R. Parekh
Houston, TX

8:50 a.m.
Managing the Failing Heart in the Blue Patient
Doreen D. Yeh
Boston, MA

9:15 a.m.
Question and Answer

Congenital Heart Disease - Poster Contributions Session #1182
Congenital Heart Disease: Innovations in Single Ventricle Heart Disease
Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

009 - Hypoplastic Left Heart Syndrome With Intact or Restrictive Atrial Septum: What Happens After Survival?
Brian Snarr, Michael Liu, Benjamin Zielonka, Jack Rychik, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

010 - Right Ventricular Remodelling in Hypoplastic Left Heart Syndrome: Impact of the Norwood and Hybrid Procedures
Kandice Mah, Jesus Serrano Lomelin, Luke Eckersley, Lily Lin, Timothy Colen, Eddythe Tham, Harald Becher, Luc Mertens, Nee Sze Khoo, Stollery Children's Hospital, Edmonton, Canada, Sickkids, Toronto, Canada

011 - Is a Pulsatile Glenn an Adequate Alternative for Long-Term Palliation in Patients With Single Ventricle Physiology?
Carlos M. Mery, Martin A. Chacon-Portillo, Huirong Zhu, Heather Dickerson, Iki Adachi, Jeffrey Heinle, Lauren Kane, Emmett McKenzie, Charles Fraser, Texas Children's Hospital, Baylor College of Medicine, Houston, TX, USA

012 - Long Term Outcomes After the Fontan Procedure in Patients With Single Ventricle: A Meta-Analysis
Ilana Schwartz, Courtney McCracken, Christopher Petit, Ritu Sachdeva, Emory University School of Medicine, Atlanta, GA, USA
013 - Detection of Heart Failure With Preserved Ejection Fraction in Single Ventricle Physiology: Insights From the Pediatric Heart Network Fontan Cross-Sectional Study Public Use Dataset
Shahryar Chowdhury, Eric Graham, Carolyn Taylor, Geoffrey Forbus, Andrew Savage, Andrew Atz, Medical University of South Carolina, Charleston, SC, USA

014 - Association of Increased Total Atrial Volume With Clinical Heart Failure Status in Hypoplastic Left Heart Syndrome
Angela Kelle, Govinda Paudel, Muhammad Qureshi, Megan O’Byrne, Patrick O’Leary, Mayo Clinic, Rochester, MN, USA

015 - Does Tricuspid Annular Plane Systolic Excursion (TAPSE) Adequately Describe Right Ventricular Function in Hypoplastic Left Heart Syndrome?
Oladale Akintoye, Curtis Travers, William Border, Christopher J. Petit, Erik Michelfelder, Ritu Sachdeva, Emory University School of Medicine, Atlanta, GA, USA, Children’s Health Care of Atlanta, Atlanta, GA, USA

016 - Impact of Home Monitoring Program on Interstage Mortality and Stage II Outcomes
Monique Gardner, Laura Mercer-Rosa, Katherine Bates, Alyson Stagg, Shobha Natarajan, Anita Szewst, Jessica (Jie) Tang, Stephanie Fuller, Christopher Mascio, Desiree Fleck, Deborah L. Torowicz, Therese Giglia, Jonathan Rome, Chitra Ravishankar, Children’s Hospital of Philadelphia, Philadelphia, PA, USA

017 - Standardization of Peri-Operative Management After Norwood Operation Has Not Improved 1 Year Outcomes
Shilpa Shah, Steven Schwartz, Andrew Goodwin, Osami Honjo, Glen Van Arsdell, Mike Seed, Jennifer Russell, Alejandro Floh, Hospital for Sick Children, Toronto, Canada

018 - Interstage Resource Utilization of Infants With Single Ventricle: Results of a Crossover Study
Lori Erickson, Kimberly Reid, Amy Ricketts, Bryan Beaver, Suma Goudar, Amy Lay, Richard Group, James O’Brien, Girish Shirali, Children’s Mercy Kansas City, Kansas City, MO, USA

019 - From Fetus to Fontan: A Single Center Experience of Resource Utilization for Patients Diagnosed With Single Ventricle Cardiac Defects
Benjamin Zielonka, Michael Liu, Brian Snarr, Xuemei Zhang, Jack Rychik, The Children’s Hospital of Philadelphia, Philadelphia, PA, USA

020 - Do Pediatric Cardiologists Follow the Sports Restriction Recommendations for Children With a Bicuspid Aortic Valve?
Melissa Yamauchi, Michael Puchalski, Nelangi Pinto, Susan P. Etheridge, Hsin-Yi Weng, Angela Presson, L. LuAnn Minich, Richard Williams, University of Utah, Salt Lake City, UT, USA, Primary Children’s Hospital, Salt Lake City, UT, USA

**Congenital Heart Disease - Poster Contributions**

**Session #1183**

*Fontan in the Modern World*

Poster Hall, Hall C

**Poster Contributions**

021 - Prevalence of Elevated Body Mass Index and Its Association With Clinical Features in Adult Fontan Patients
Anushree Agarwal, Aarthi Sabanayagam, Ahmed Kheiva, Colin Cunnington, Lucas Zier, Charles McCulloch, Ian Harris, Elayne Foster, Dougaj Atkinson, Angela Bryan, Petra Jenkins, Jaspal Dua, Michael Parker, Devinda Karunaratne, John A. Moore, Jeffery Meadows, Bernard Clarke, J. Andreas Hoschitzky, Vaikom Mahadevan, University of California San Francisco, San Francisco, CA, USA, Manchester Royal Infirmary, Central Manchester University Hospitals NHS Trust, Central Manchester, United Kingdom

022 - Macitentan Use as Serial Therapy in Failing Fontan Physiology
Tabitha Grace Moe, Phoenix Children’s Hospital, Phoenix, AZ, USA

023 - Towards a Better Predictive Model of Adverse Events in Adult Fontan Patients
M. Abigail Simmons, Wendy Book, Kayoko Shioda, Makoto Mori, Robert W. Elder, JR, Yale University School of Medicine, New Haven, CT, USA, Emory University School of Medicine, Atlanta, GA, USA

024 - Cardiopulmonary Exercise Test in Adults With Prior Fontan Operation: The Prognostic Value of Serial Testing
Alexander C. Egbe, Heidi Connolly, Mayo Clinic, Rochester, MN, USA

**Congenital Heart Disease - Scientific Session #668**

**Exercise in Congenital Heart Disease**

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.
Room 146 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: W. Kay
Co-Chair: Richard Williams

10:45 a.m.

The 5 Most Controversial Changes in the AHA/ACC Guidelines for Exercise in Congenital Heart Disease
Julianne K. Evangelista

11:00 a.m.

A Practical Approach to Exercise Recommendations in Congenital Heart Disease
Arwa Saidi
Gainesville, FL

11:15 a.m.

Weightlifting and Congenital Heart Disease: Getting the Pump Pumped Up
Stephen Pardon
Philadelphia, PA

11:30 a.m.

US Military Service and Congenital Heart Disease: Who Can Serve in Uniform and Why
Chad Mao
Atlanta, GA

11:45 a.m.

Put Me in Coach: Playing Sports with Congenital Heart Disease
Rachel Ennis
Washington, DC

12:00 p.m.

Question and Answer
**Congenital Heart Disease - Scientific**
**Session #685**
**Precision Medicine: It's Hot, But What Is It?**
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.
Room 146 C
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Tal Geva
Co-Chair: Doff McElhinney
Panelist: Piers C. A. Barker
Panelist: Puneet Bhatla
Panelist: Kanwal M. Farooqi
Panelist: Bruce Gelb
Panelist: Seema Mital

12:30 p.m.
Introduction to Precision Medicine - as it Exists in the Current ERA
Bruce Gelb
New York, NY

12:41 p.m.
Genetics Can Map the Way to Individualized Therapy in CHD
Seema Mital
Toronto, Canada

12:52 p.m.
Can Computational Fluid Dynamic Assessment Impact Management of Anomalous Coronary Arteries?
Piers Barker
Durham, NC

1:03 p.m.
Panel Discussion with Audience Question and Answer

1:13 p.m.
Can Finite Element Modelling Impact Transcatheter Interventions?
Puneet Bhatla
NY, NY

1:24 p.m.
Can Segmental Computational Modeling impact Assessment of VAD Placement and Transplant Assessment in Patients with CHD?
Kanwal Farooqi
New York, NY

1:35 p.m.
Panel Discussion with Audience Question and Answer

**Congenital Heart Disease - Moderated Poster Contributions**
**Session #1220M**
**Therapeutic Advances in Congenital Heart Disease**
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.
Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Poster Hall, Hall C
CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Kevin D. Hill
ACC Poster Moderator: Luciana T. Young

12:30 p.m.
Stable Incidence of Endocarditis in Pediatric Patients Before and After the 2007 Endocarditis Prophylaxis Guidelines
Stephen Dolgner, Titus Chan, Seattle Children’s Hospital, Seattle, WA, USA

12:40 p.m.
Question and Answer

12:45 p.m.
Safety of Enalapril in Infants: Data From the Pediatric Heart Network Infant With Single Ventricle Trial
Kanika Mathur, Jacqueline Lamour, Daphne Hsu, Scott I. Aydin, Children’s Hospital at Montefiore, Bronx, NY, USA

12:55 p.m.
Question and Answer

1:00 p.m.
Association of Fractures With Furosemide Therapy in Pediatric Medicaid Patients With Congenital Heart Disease
Ji Haeng Heo, Karen L. Rascati, Keila Lopez, Brady Moffett, The University of Texas at Austin, Austin, TX, USA, Texas Children’s Hospital, Houston, TX, USA

1:10 p.m.
Question and Answer

1:15 p.m.
Effect of Obesity and Underweight Status on Perioperative Outcomes in Patients With Congenital Heart Disease: An Analysis of Data From the Society of Thoracic Surgeons Congenital Heart Surgery Database
Michael L. O’Byrne, Sunghae Kim, Christophe Hornik, Babatunde Yerokun, Roland Matsouaka, Jeffrey Jacobs, Marshall Jacobs, Richard Jonas, Children’s National Medical Center, Washington, DC, USA, Duke University School of Medicine, Durham, NC, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Improved Exercise Performance in Pediatric Fontan Patients After Cardiac Rehabilitation
Samuel G. Wittekind, Wayne Mays, Yvette Gerdes, Sandra Knecht, John Hambrook, William Border, John Jefferies, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, USA

1:40 p.m.
Question and Answer

**Congenital Heart Disease - Poster Contributions**
**Session #1231**
**Congenital Heart Disease: New Diagnostic Approaches in Congenital Heart Disease**
Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

009 - Utility of Genetic Testing in Infants With Isolated Congenital Heart Disease
Kaitlin L’Italien, Sara Fitzgerald-Butt, Janet Simsic, Kim McBride, Jessica Bowman, Vidu Garg, Nationwide Children’s Hospital, Columbus, OH, USA

010 - Exome Sequencing Reveals Novel Variants in TMEM59L and KLHL26 Associated With a Familial Case of Ebstein’s Anomaly and Left Ventricular Noncompaction
Lauren North, Donna Mahnke, Karl Stamm, Huan Ling Liang, Richard J. Willes, Michele Frommelt, Michael Mitchell, Aoy Tomita-Mitchell, Medical College of Wisconsin, Milwaukee, WI, USA, Children’s Hospital of Wisconsin, Milwaukee, WI, USA

011 - Modified Newborn Pulse Oximetry Screening for Out-of-Hospital Births
Dreyani Chowdhury, Katie Williams, Cardiology Care for Children, Lancaster, PA, USA, Clinic for Special Children, Strasburgh, PA, USA

012 - Variation in Prenatal Diagnosis of Congenital Heart Defects in a Population-Based Study in Southern China
Yangji Ou, Jian Zhuan, Xiaojing Liu, Guangdong Cardiovascular Institute, Guangzhou, People’s Republic of China, Guangdong General Hospital, Guangdong Academy of Medical Sciences, Guangzhou, People’s Republic of China
013 - Impact of Maternal Diabetes on First & Early Second Trimester Fetal Cardiovascular Health
Dora Gyenes, Jesus Serrano-Lomelin, Venu Jain, Claudine Bohun, Winnie Savard, Angela McBrien, Lisa Hornberger, University of Alberta, Edmonton, Canada

014 - The Incremental Benefit of Color Tissue Doppler Imaging in Fetal Rhythm Assessment
Silvia Alvarez, Paul Brooks, Nee Scze Khoo, Timothy Colen, Lisa Hornberger, Stollery Children’s Hospital, Edmonton, Canada

015 - Left Atrial Stiffness: A New Noninvasive Index That May Serve as a Surrogate Marker of Left Ventricular Diastolic Dysfunction in Children
Jeremy Zuckerberg, Michael Quartermain, Stanford Ewing, Anirban Banerjee, University of Pennsylvania School of Medicine, Philadelphia, PA, USA

016 - Right Ventricular Contractile Reserve Is Reduced in Children and Adolescents With Tetralogy of Fallot: A Stress Echocardiographic Study
Shivani M. Bhatt, Elizabeth Goldmuntz, Okan Elci, Michael McBride, Stephen Paridon, Laura Mercer-Rosa, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

017 - Mitral Valve Phase Contrast Imaging Is a More Reproducible Method of Determining Cardiac Rest Periods for Whole-Heart Coronary Magnetic Resonance Angiography in Congenital Heart Disease Than 4 Chamber Cine
Maria Batisis, Gerald Greil, Animesh Tandon, Tarique Hussain, University of Texas Southwestern Medical Center, Dallas, TX, USA

018 - Short Axis Diastolic Ventricular Area Ratio as a New Index in Screening Patients With Repaired Tetralogy of Fallot
Dalia Zakaria, Sean Lang, Elijah Bolin, Jeffrey Gossett, Mallikarjuna Rao Rettiganti, Thomas Collins, University of Arkansas for Medical Sciences, Little Rock, AR, USA

019 - Feasibility of Rapidly Creating High Resolution Virtual Three-Dimensional Models of Anomalous Aortic Origin of Coronary Arteries
Kelly Nicol, Anthony Costa, Shubhika Srivastava, Santosh Uppu, Mount Sinai School of Medicine, New York, NY, USA

020 - Cardiovascular Health of Offspring of Diabetic Mothers From the Fetus Through Late Infancy Stages
Victor Do, Tina Ojala, Timothy Colen, Silvia Goncalvez-Alvarez, Sandra Davidge, Jesus Serrano-Lomelin, Lisa Hornberger, University of Alberta, Edmonton, Canada

Congenital Heart Disease - Poster Contributions
Session #1232
Things That Begin With an "A" in Adult Congenital Heart Disease: What Is Aorta, Artery and Anomalous?
Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

021 - Long-Term Cardiovascular Outcomes in Patients With Anomalous Coronary Arteries Visualized by Coronary CT Angiography: The CONFIRM (COronary CT Angiography EvaluaTIon For Clinical Outcomes: An InTernational Multicenter) Registry
Subhi Al'Aref, Khalil Anchouche, Ashley Beecy, Heidi Gransar, Brian O. Hartaigah, Mahn Won Park, Asim Rizvi, Ji Hyun Lee, Donghee Han, Hadi Mirhedyati Roudsari, Daniel Berman, Tracy Callister, Augustin Delago, Martin Hadamitzky, Joerg Hausleiter, Mouaz Al-Mallah, Matthew Budoff, Philipp Kaufmann, Gilbert Raff, Kavitha Chinnaiyan, Filippo Cademartiri, Erica Maffei, Todd Villines, Yong-Jin Kim, on behalf of the CONFIRM Investigators, Weill Cornell Medical College, New York, NY, USA

022 - Isolated Single Coronary Artery in Adult Population: A Contemporary Classification
Rajan Kumar, Archana Sinha, Jamshid Shirani, Saint Luke's University Health Network, Bethlehem, PA, USA

024 - The RAC Sign: Retroaortic Anomalous Coronary Artery Visualization by Transthoracic Echocardiography
Chance M. Witt, Leslie Elvert, Ewa Konik, Naser Ammash, David Foley, Thomas Foley, Mayo Clinic, Rochester, MN, USA

Congenital Heart Disease - Hands-on Skills Learning
Session #1513
Personalized Skills Center: Hands-On Simulation - Congenital Heart Disease
Saturday, March 18, 2017, 2 p.m. - 3 p.m.
Personalized Skills Center, East Salon AB
CME Hours: /CNE Hours:
2:00 p.m.
Congenital Heart Disease
Keri Shafer
Boston, MA

Congenital Heart Disease - Scientific
Session #701
Value, Advocacy and the Future of Adult Congenital and Pediatric Cardiology
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.
Room 146 C
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Rupali Gandhi
Co-Chair: Robert Campbell
Panelist: Robert H. Beekman
Panelist: Kathy J. Jenkins
Panelist: James Kaufman
Panelist: Virginia Moyer
2:00 p.m.
ACC-Talk: Knowledge is Savings: Provider Behavior Changes When we Know Cost
John Triedman
Boston, MA
2:10 p.m.
Optimal Clinical Outcomes and Value
Kathy J. Jenkins
Boston, MA
2:20 p.m.
Medicaid Strategies in Children’s Health Care
James Kaufman
Washington, DC
2:40 p.m.
Demonstrating Value through Life-long Learning
Virgina Moyer
Chapel Hill, NC
2:50 p.m.
Panel Introduction: Toward a Better Understanding of Long-Term CHD Care Outcomes: Lessons Learnedfrom CHD Community Day
Ritu Sachdeva
Atlanta, GA
2:55 p.m.
Panel Discussion with Audience Question and Answer
Congenital Heart Disease - Gaming
Session #6007
Engage @ ACC.17 Studio: The Newlywed Game for Pediatric Cardiac Providers
Saturday, March 18, 2017, 3:30 p.m. - 4:30 p.m.
Engage @ ACC.17 Studio, Hall C
CME Hours: 1 /CNE Hours: 1

Co-Chair: Bronwyn Bartle
Co-Chair: Alistair Phillips

3:30 p.m.
Participant, Team 1
Stephanie Fuller
Cincinnati, OH

3:30 p.m.
Participant, Team 1
Bryan H. Goldstein
Cincinnati, OH

3:30 p.m.
Participant, Team 2
Emile Bacha
New York, NY

3:30 p.m.
Participant, Team 2
Julie Vincent
Yorktown Heights, NY

3:30 p.m.
Participant, Team 3
George K. Lui
Stanford, CA

3:30 p.m.
Participant, Team 3
Andrew Y. Shin
Palo Alto, CA

3:30 p.m.
Participant, Team 4
Robert Jaquiss
Durham, NC

3:30 p.m.
Participant, Team 4
Gregory Fleming
Durham, NC

3:30 p.m.
Audience Polling

3:30 p.m.
Moderated Panel Discussion with Audience Questions and Answers

Congenital Heart Disease - Moderated Poster Contributions
Session #1259M
Impact of Prenatal Environment on Congenital Heart Disease
Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.
Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Mark B. Lewin
ACC Poster Moderator: Ismee Williams

3:45 p.m.
Maternal Blood Trace Element Levels and Risks for Fetal Congenital Heart Defects in Guangdong, China

Yangjiu Ou, Michael S. Bloom, Liu Xiaoqing, Lin Shao, Guangdong Cardiovascular Institute, Guangzhou, People’s Republic of China, Guangdong General Hospital, Guangdong Academy of Medical Sciences, Guangzhou, People’s Republic of China

3:55 p.m.
Question and Answer

4:00 p.m.
Umbilical Arterial Blood Flow in the Third Trimester and Its Association With Clinical and Neurodevelopmental Outcomes in Children With Critical Neonatal Congenital Heart Disease
Jayani Abeysekera, Dora Gyenes, Charlene Robertson, Gwen Alton, Irina Dinu, Dianne Creighton, Joseph Atallah, Ivan Rebeika, Lisa Hornberger, University of Alberta, Edmonton, Canada

4:10 p.m.
Question and Answer

4:15 p.m.
Maternal Exosomal miRNAs in Diabetes Contribute to the Cardiac Development Deficiency
Ruijing Shi, Wenhui Cai, Xueying Zhou, Lianbi Zhao, Guodong Yang, Liun Yuan, Department of Ultrasound Diagnostics, Tangdu Hospital, Fourth Military Medical University, Xi’an, People’s Republic of China, Department of Biochemistry and Molecular Biology, Fourth Military Medical University, Xi’an, People’s Republic of China

4:25 p.m.
Question and Answer

4:45 p.m.
Atrial Fibrillation in Young and Unusual Populations: Children and Adult Congenital Heart Disease
Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.
Room 146 C
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Sylvia Abadir
Co-Chair: Charles Berul
Panelist: Dominic Abrams
Panelist: Susan P. Etheridge
Panelist: Bernard J. Gersh
Panelist: Elizabeth D. Sherwin

4:45 p.m.
Atrial Fibrillation in the Young Athlete: Who is at Risk and How do We Manage This?
Elizabeth D. Sherwin
Washington, DC

4:57 p.m.
Can we Successfully Ablate Atrial Fibrillation in ACHD?
Dominic Abrams
Boston

5:09 p.m.
Morbidity, Mortality and Treatment of Atrial Fibrillation in Hypertrophic Cardiomyopathy
Bernard Gersh
Rochester, MN

5:21 p.m.
Can We Surgically Cure Atrial Fibrillation in ACHD?
Thomas MacGillivray
Houston, TX

5:33 p.m.
Latest Pharmacological Treatments for Atrial Fibrillation
5:45 p.m.
Panel Discussion with Audience Question and Answer

Congenital Heart Disease - Scientific
Session #714
A Night at the Movies with Some Congenital Heart Surgeons -- How Do They Actually Do That?: Joint Symposium of the American Association for Thoracic Surgeons and the American College of Cardiology
Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.
Room 209 C
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: Robert D. B Jaquiss
Co-Chair: Kirk Kanter
Panelist (Panel Discussion I): Emile Bacha
Panelist (Panel Discussion I): Charles D. Fraser
Panelist (Panel Discussion I): Christopher J. Petit

4:45 p.m.
Optimal Management of the Cyanotic Neonatal Tetralogy of Fallot Patient: Neonatal Complete Repair (with Accompanying Surgical Video)
Emile Bacha
New York, NY

4:52 p.m.
Optimal Management of the Cyanotic Neonatal Tetralogy of Fallot Patient: Neonatalshunt, to be Followed by Subsequent Repair (with Accompanying Surgical Video)
Charles D. Fraser
Houston, TX

4:59 p.m.
Optimal Management of the Cyanotic Neonatal Tetralogy of Fallot Patient: Neonatalstent/Catheter-Based Palliation, to be Followed by Subsequent Repair (with Accompanying Surgical Video)
Christopher J. Petit
Atlanta, GA

5:06 p.m.
Panel Discussion with Audience Question and Answer I
Panelist (Panel Discussion II): John E. Mayer
Panelist (Panel Discussion II): Kirk Kanter
Panelist (Panel Discussion II): Carl L. Backer

5:22 p.m.
Optimal Management of the Complete Atrioventricular Canal Patient: “Traditional” One-Patch Repair (with Division of the Superior Bridging Leaflet) (with Accompanying Surgical Video)
John E. Mayer
Boston, MA

5:29 p.m.
Optimal Management of the Complete Atrioventricular Canal Patient: Two-Patch Repair (with Accompanying Surgical Video)
Kirk Kanter
Atlanta, GA

5:36 p.m.
Optimal Management of the Complete Atrioventricular Canal Patient: “Australian” One Patch Repair (with Direct Obliteration of the VSD, without Patch) (with Accompanying Surgical Video)
Carl L. Backer
Chicago, IL
9:14 a.m.
Discussion

9:17 a.m.
Re-Intervention During the Interstage Period: A Report From the National Pediatric Cardiology Quality Improvement Collaborative
Matthew William Buelow, Nancy Rudd, Jena Tanem, Pippa Simpson, Peter Bartz, Garick Hill, Children’s Hospital of Wisconsin, Milwaukee, WI, USA, Medical College of Wisconsin, Milwaukee, WI, USA

9:27 a.m.
Discussion

**Congenital Heart Disease - Hands-on Skills Learning**
Session #1514
Personalized Skills Center: Hands-On Simulation - Congenital Heart Disease
Sunday, March 19, 2017, 8:30 a.m. - 9:30 a.m.
Personalized Skills Center, East Salon AB
CME Hours: /CNE Hours:

8:30 a.m.
Congenital Heart Disease
Keri Shafer
Boston, MA

**Congenital Heart Disease - Poster Contributions**
Session #1270
Redefining the “F” Word
Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

009 - Biomarker Profile in Adults With Fontan Circulation
Anita Saraf, Christine De Staercke, Fred Rodriguez, Andreas Kalogeropoulos, Andrea Knezevic, Jennifer Gerardin, Georges Ephrem, Salim Hayek, Staci Jennings, Agasha Katabarwa, Arshed Quyyumi, Wendy Book, Emory University School of Medicine, Atlanta, GA, USA

010 - Atrial Diastolic "Suction": An Important Contributor to Fontan Circulation
Amitabh C. Pandey, Tarun Tandon, Pouлина Uddin, Allen Johnson, Scripps Clinic, La Jolla, CA, USA

011 - Prevalence and Predictors of Pacemaker Placement in Adult Fontan Patients
Anushree Agarwal, Aarthi Sabayanagam, Ahmed Kheiwa, Colin Cunnington, Edward Gerstenfeld, Charles McCulloch, Ian Harris, Zian Tseng, Elyse Foster, Petra Jenkins, Jaspal Dua, Devinda Karunarathne, Sahkrav Muhayddeen, Amir Zaidi, Adam Fitzpatrick, Clifford Garratt, Bernard Clarke, Andreas Hoschitzky, Vaikom Mahadevan, University of California San Francisco, San Francisco, CA, USA, Manchester Royal Infirmary, Central Manchester University Hospitals NHS Trust, Manchester, United Kingdom

012 - Use of Novel Oral Antiocoagulants in Adult Fontan Patients
Justin Georgekutty, Amir Kazerouninia, Peter Ermis, Dhaval Parekh, Wayne Franklin, Wilson Lam, Texas Children’s Hospital, Houston, TX, USA, Baylor College of Medicine, Houston, TX, USA

013 - Adults With Congenital Heart Disease: Lost in Care
Jennifer Gerardin, Cheryl Raskind-Hood, Trenton Hoffman, Andrew Well, Fred Rodriguez, Andreas Kalogeropoulos, Carol Hogue, Wendy Book, Division of Cardiology, Department of Medicine, Emory University School of Medicine, Atlanta, GA, USA, Department of Epidemiology, Rollins School of Public Health, Emory University, Atlanta, GA, USA

014 - Late Complications and Cardiopulmonary Performance in Adults With Fontan Physiology: RV-Dominant Versus Those With LV-Dominant or Unseptated Ventricles
Christopher Haller, Susan L. Roche, Rachel Wald, Simone Bartelse, Eric Pham-Hung, Candice Silversides, Erwin Oechsli, Jack Colman, Edward Hickey, The Hospital for Sick Children, Toronto, Canada, University Health Network, Toronto, Canada

015 - Cardiopulmonary Exercise Testing for Surgical Risk Stratification in Adults With Congenital Heart Disease
Joshua Kovach, Trevor L. Birkey, Jennifer E. Dixon, Roni Jacobsen, Pippa Simpson, Melodee Nugent, Ke Yan, Salil Ginde, Children’s Hospital of Wisconsin, Milwaukee, WI, USA, Medical College of Wisconsin, Milwaukee, WI, USA

016 - Evaluation of Right Ventricular Function in Fontan Physiology Using Feature Tracking Magnetic Resonance Strain, Strain Rate and Wall Motion Delay
Akio Inage, Sakakibara Heart Institute, Tokyo, Japan

**Congenital Heart Disease - Poster Contributions**
Session #1271
Congenital Heart Disease: Novel Insights in Pediatric Cardiology
Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

017 - Rhythm Abnormalities in Children and Young Adults With Marfan Syndrome
Douglas Mah, Lynn Sleeper, Jane Crosse, Richard Cosek, David Gamboa, Barry Love, Brian Mrccridle, Laura Muino Mosquero, Aaron Olson, Maully Shah, Stephanie Wechsler, Luciana Young, Ronald Lacro, Pediatric Health Network, Bethesda, MD, USA

020 - Clinical Yield of Fetal Echocardiography for Suboptimal Cardiac Visualization on Obstetric Ultrasound
Rick Vavolizza, Pe’er Dar, Barrie Suskin, Robert Moore, Kenan Stern, Department of Pediatrics, Division of Cardiology, Children’s Hospital at Montefiore, Bronx, NY, USA

018 - The Evolution of Atrioventricular Valve Function in Patients With Heterotaxy Syndrome: A Longitudinal Assessment From Fetus to Late After Fontan Operation
Masaki Nii, Keisuke Sato, Jun Yoshimoto, Sung-Hae Kim, Norie Mitsuhashi, Yasuhiko Tanaka, Shizuoka Children’s Hospital, Shizuoka, Japan

**Congenital Heart Disease - Poster Contributions**
Session #1272
Congenital Heart Disease Surgery: Updates and Innovations
Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75

021 - Long-Term Transplant-Free Survival for Arterial Switch Versus Atrial Switch in Treatment of Transposition of the Great Arteries: A Study From the Pediatric Cardiac Care Consortium
Alex Kiener, Mike Kellem, Lazaros Kchalis, Matthias Oster, Emory University School of Medicine, Atlanta, GA, USA, Children’s Healthcare of Atlanta, Atlanta, GA, USA

022 - Anatomic Repair of Congenitally Corrected Transposition Results in Excellent Survival and Functional Status at Intermediate Term Follow-Up James S. Tweddell, Shagun Sachdeva, Ronald Woods, Michael Mitchell, Joseph Cava, Nancy Ghahayem, Peter Bartz, Peter Frommelt, Children’s Hospital of Wisconsin, Milwaukee, WI, USA, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, USA

023 - Targeted Increase in Pulmonary Blood Flow in a Bidirectional Glenn Circulation
Samuel Casella, James Lock, Aditya Kaza, Pedro del Nido, Audrey Marshall, Boston Children’s Hospital, Boston, MA, USA
024 - Promoting Pulmonary Arterial Growth via Right Ventricular to Pulmonary Artery Conduit Placement in Children With Pulmonary Atresia and Hypoplastic Pulmonary Arteries
Edon Rabinowitz, David Meyer, Shilpi Epstein, Steven & Alexandra Cohen Children’s Medical Center, New Hyde Park, NY, USA

Congenital Heart Disease - Moderated Poster Contributions
Session #1302M
Things That Matter in Adult Congenital Heart Disease
Sunday, March 19, 2017, 9:45 a.m. - 10:30 a.m.
Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Poster Hall, Hall C
CME Hours: 0.75 /CNE Hours: 0.75
ACC Poster Moderate: Marc G. Cribbs
ACC Poster Moderator: Fred H. Rodriguez

9:45 a.m.
Red Cell Distribution Width Predicts Adverse Outcomes in Adults With Congenital Heart Disease: Results From the Boston Adult Congenital Heart Biobank
Laith Alshawabkeh, Saurabh Rajpal, Michael Landzberg, Catherine Gray, Fred Wu, Georges Ephrem, Alexander Opotowsky, Boston Children’s and Brigham & Women’s Hospitals, Boston, MA, USA

9:55 a.m.
Question and Answer

10:00 a.m.
Gender Differences in Rates of Hospitalizations for Decompensated Heart Failure Among Adults With Congenital Heart Diseases in the United States: A 15 Year Experience
Ghanzyam Palamaner Subash Shantha, Anita Kumar, Kongkiat Chaikrangkrai, Chakradhari Inampudi, Gardar Sigurdsson, Michael Giudici, University of Iowa Hospitals and Clinics, Iowa City, IA, USA

10:10 a.m.
Question and Answer

10:15 a.m.
Outcomes of Cardiac Pacing in the Adult Fontan Population
Geoffrey Huntley, Heidi Connolly, Sameh M. Said, Carole Warnes, Christopher McLeod, Alexander C. Egbe, Mayo Clinic, Rochester, MN, USA

10:25 a.m.
Question and Answer

Congenital Heart Disease - Scientific
Session #414
2017 Dan G. McNamara Lecture: The Future of Congenital Heart Research: Keeping the Patient-Centered Promise
Sunday, March 19, 2017, 12:30 p.m. - 1:45 p.m.
Room 146 C
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: Robert H. Beekman
Co-Chair: Kathy J. Jenkins

12:30 p.m.
Welcome and Reflecting on McNamara Lecture
Daniel J. Murphy
Palo Alto, CA

12:35 p.m.
Introduction of Gail Pearson, MD, FACC
Robert H. Beekman
Ann Arbor, MI

12:37 p.m.
ACC.17 Dan G. McNamara Lecture: NHLBI’s Investment in Pediatric Cardiovascular Research: Past, Present, and Future
Gail D. Pearson
Rockville, MD

1:10 p.m.
Bridging the Patient Provider Research Gap: The Patient Perspective
Scott C. Leezer
Washington, DC

1:30 p.m.
Interview With Dr. Gail Pearson, MD, FACC
Jane Newburger
Boston, MA
Congenital Heart Disease - Moderated Poster Contributions
Session #1312M
Finding Out What Works in Pediatric and Congenital Heart Disease
Sunday, March 19, 2017, 12:30 p.m. - 1:45 p.m.
Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Poster Hall, Hall C
CME Hours: 1.25 /CNE Hours: 1.25
ACC Poster Moderator: Robert W. Elder, JR
ACC Poster Moderator: Leo Lopez

12:30 p.m.
Timely Detection of Pulmonary Arterial Hypertension in Patients With Repaired Congenital Heart Disease: Interim Results From the ACHD-QuERI Registry
Michael Landzberg, Curtis Daniels, Paul Forfia, Anatoly Langer, Valerie McLaughlin, Mona Selej, Marjan Sepassi, Mary Tan, Gary Webb, Canadian Heart Research Centre, Toronto, Canada

12:40 p.m.
Question and Answer

12:45 p.m.
Morphological Appearance and Repair Strategies of Tricuspid Regurgitation in Patients With Univentricular Heart and a Systemic Right Ventricle
Masamichi Ono, Melchior Burri, Julie Cleuziou, Jelena Pabst von Ohain, Elisabeth Beran, Martina Strbad, Alfred Hager, Christian Schreiber, Rüdiger Lange, German Heart Center Munich, Munich, Germany

12:55 p.m.
Question and Answer

1:00 p.m.
Reduction in Interstage Growth Failure in Infants With Hypoplastic Left Heart Syndrome and Impact on Stage 2 Outcomes: A Report From the National Pediatric Cardiology Quality Improvement Collaborative
Jeffrey B. Anderson, David Brown, Megan Horsley, Katherine Bates, Samuel Hanke, Stacey Lihn, James Tweddell, Carole Lannon, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, USA

1:10 p.m.
Question and Answer

1:15 p.m.
Risk of Catastrophic Outcome Following Cardiac Catheterization for Pulmonary Hypertension: An Analysis of Data From the Impact Registry
Michael L. O’Byrne, Kevin Kennedy, Joshua Kanter, John Berger, Andrew Glatz, Children’s National Medical Center, Washington, DC, USA, The Children’s Hospital of Philadelphia, Philadelphia, PA, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Prevalence and Risk Factors Associated With Chronic Kidney Disease in Patients With Single Ventricle Congenital Heart Disease After Fontan Palliation
Sheetal Patel, David Kwiatkowski, Adin-Cristian Andrei, Ankita Devareddy, Catherine Krawczeski, Barbara J. Deal, Craig Langman, Bradley Marino, Ann & Robert H. Lurie Children’s Hospital of Chicago, Chicago, IL, USA, Lucile Packard Children’s Hospital, Palo Alto, CA, USA

1:40 p.m.
Question and Answer
4:01 p.m.
Pulmonary Hypertension in Congenital Heart Diseases in Peru
Carlos Ramiro Marino Vigo
San Juan De Lurigancho, Peru

4:12 p.m.
Congenital Heart Surgery: Care and Development
Stephanie Fuller
Philadelphia, PA

4:23 p.m.
Adult Congenital Heart diseases in Peruvian Population
Gustavo Roberto Miranda Rivas
Lima, Peru

4:34 p.m.
Rheumatic Heart Disease: A Caribbean Perspective
Marilyn Lawrence-Wright
Kingston, Jamaica

4:45 p.m.
Discussion

Congenital Heart Disease - Scientific
Session #781
Five Controversies in Single Ventricle Management
Sunday, March 19, 2017, 3:45 p.m. - 5:15 p.m.
Room 146 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Andrew Atz
Co-Chair: Garick Hill

3:45 p.m.
After 10 Years We Finally Know the Best Surgical Approach for Stage One Operation
Richard Ohye

4:00 p.m.
Audience Question and Answer

4:03 p.m.
There Exists a Single Best Practice to Reducing Interstage Mortality
Jeffrey B. Anderson
Cincinnati, OH

4:18 p.m.
Audience Question and Answer

4:21 p.m.
Cardiac MRI Has Proven its Value in Management of Patients with the Fontan Operation
Rahul Rathod
Boston, MA

4:36 p.m.
Audience Question and Answer

4:39 p.m.
Vasodilator Therapy Should be Used Routinely in Fontan Patients
Wendy Book
Atlanta, GA

4:54 p.m.
Audience Question and Answer

4:57 p.m.
Heart Transplantation is a Realistic Option for Teens and Adults with Failing Fontan

Ryan Davies
Wilmington, DE
5:12 p.m.
Audience Question and Answer