



Congenital Heart Disease - International Session

Session #527

8th Annual ACC Cardiovascular Conference on the Middle East III:

Congenital Heart Disease in the Middle East

Friday, April 1, 2016, 3:45 p.m. - 5 p.m.

Room S103cd

CME Hours: 0 /CNE Hours: 0

Co-Chair: Hani Najm Arabia

Co-Chair: Patrick T. O'Gara

3:45 p.m.

Case Presentation: Adolescent with Tetralogy of Fallot and Cyanosis

Michael Singh

3:50 p.m.

Adults with Congenital Heart Disease - Burden of Disease in the Middle East

Mehmet Serdar Kucukoglu

Istanbul, Turkey

4:05 p.m.

Results of Repair of TOF Beyond One Year

Hayam A. Aboremsah

Jeddah, Saudi Arabia

4:20 p.m.

Indications and Types of PV Late After Repair of TOF

Ahmed N. Alomrani

Riyadh, Saudi Arabia

4:35 p.m.

Panel Discussion

Panelist: Michael Singh

Panelist: Mehmet Serdar Kucukoglu

Panelist: Hayam A. Aboremsah Arabia

Panelist: Ahmed N. Alomrani Arabia

4:55 p.m.

Case Presentation: PV Implant Late after TOF Repair

Anita Sadeghpour

Tehran, Iran, Islamic Republic of

Congenital Heart Disease - Scientific Session

Session #606

Just When We Thought We Had Conquered the World - Why Can't

Pediatric Interventional Cardiologists...

Saturday, April 2, 2016, 8 a.m. - 9:30 a.m.

Room S403

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David G. Nykanen

Co-Chair: Lynn F. Peng

8:00 a.m.

Routinely Close Perimembranous VSD's?

Joaquim Miro

8:15 a.m.

Create Systemic-Pulmonary Artery Shunts?

Daniel S. Levi

Los Angeles, CA

8:30 a.m.

Close PDA's in Micro-Preemies?

Evan M. Zahn

Los Angeles, CA

8:45 a.m.

Develop a Stent That Grows With Our Patients?

Kanishka Ratnayaka

San Diego, CA

9:00 a.m.

Create a Transcatheter Fontan Circulation?

Diego Porras

Boston, MA

9:15 a.m.

Perform Pulmonary Valve Replacement in Patients With Trans-Annular Patch?

Lisa Bergersen

Boston, MA

Congenital Heart Disease - Maintenance of Certification

Session #801

Study Session for Maintenance of Certification: 2016 ABP Module

Saturday, April 2, 2016, 8 a.m. - 10:30 a.m.

Room S105ab

CME Hours: 2.5 /CNE Hours: 0

Chair: Bryan C. Cannon

MOC Faculty: Julie A. Vincent

MOC Faculty: John L. Jefferies

MOC Faculty: Girish S. Shirali

MOC Faculty: Susan Etheridge

Congenital Heart Disease - Poster Contributions

Session #1108

Can Physiology Guide Practice? From Atrial Septal Defect to Fontan

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

191 - Impact of Device Type on Residual Shunt Following Percutaneous Atrial Septal Defect Closure

Richard A. Krasuski, Michael Zdradzinski, Joanne Lee, Rachel Elkin, Wael El Mallah, Duke University Medical Center, Durham, NC, USA, Cleveland Clinic, Cleveland, OH, USA

192 - Four-Dimensional Magnetic Resonance Imaging (4D-MRI) Flow Energy Loss: New Insight Into Fontan Circulation in Adult Patients

Atsushi Kitagawa, Keiichi Itatani, Manabu Takanashi, Takashi Honda, Sumito Kimura, Kagami Miyaji, Masahiro Ishii, Kitasato University School of Medicine, Sagami, Japan

193 - Investigation of Hemodynamic Changes During Balloon Occlusion Test for Percutaneous Atrial Septal Defect Closure

Hirofumi Yamamoto, Toshiro Shinke, Hiromasa Otake, Tomofumi Takaya, Masaru Kuroda, Takayoshi Toba, Hachidai Takahashi, Daisuke Terashita, Kenzo Uzu, Koji Kuroda, Natsuko Tahara, Daiji Kashiwagi, Yoshinori Nagasawa, Yoshiro Tsukiyama, Kenichi Yanaka, Ken-ichi Hirata, Kobe University Hospital, Kobe, Japan

194 - Prolonged QRS, Mechanical Dyssynchrony and Ventricular Dilation Are Associated With Ventricular Arrhythmias Late After the Fontan Operation

Sunil J. Ghelani, Ellen M. Keenan, Douglas Mah, David Harrild, Andrew Powell, Tal Geva, Rahul Rathod, Boston Children's Hospital, Boston, MA, USA



Congenital Heart Disease - Poster Contributions

Session #1109

New Developments in Single Ventricle Heart Disease

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

195 - Outcome Following Prenatal Diagnosis of Single Ventricle Type Congenital Heart Disease: A Longitudinal Study From Fetus Through Fontan (The Philadelphia LF2F Project)

Michael Y. Liu, Benjamin Zielonka, Brian Snarr, Ryan Williams, Jack Rychik, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

196 - Speckle-Tracking Echocardiography Is Useful in Pre-Operative Risk Stratification Prior to the Fontan Procedure

Shahryar Chowdhury, Patsy Park, Carolyn Taylor, Andrew Atz, Medical University of South Carolina, Charleston, SC, USA

197 - Elevated Pulmonary Artery Pressure, Not Pulmonary Vascular Resistance, Is an Independent Predictor of Morbidity Following Bidirectional Cavopulmonary Connection

Susanna Tran, Ram Kumar Subramanyan, Suellen Yin, John D. Cleveland, Cheryl Takao, Children's Hospital Los Angeles, Los Angeles, CA, USA

198 - The Impact of a Designated Cardiology Team Involving Home Monitoring on the Care of Children With Single-Ventricle Physiology After Norwood Palliation

Ashraf Harahsheh, Lisa Hom, Sarah Clauss, Amy Curtis, Russell Cross, Rachel Steury, Stephanie Mitchell, Gerard Martin, Children's National Health System, Washington, DC, USA, George Washington University, Washington, DC, USA

199 - Medical Morbidity After the Fontan Operation: Long-Term Follow-Up at a Single Center

Kiona Y. Allen, Tacy Downing, Andrew Glatz, Lindsay S. Rogers, Chitra Ravishankar, Jack Rychik, Stephanie Fuller, Lisa M. Montenegro, James Steven, Thomas Spray, Susan C. Nicolson, J. William Gaynor, David Goldberg, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

200 - Altered Umbilical Arterial Blood Flow in the 3rd Trimester and Its Association With Clinical and Neurodevelopmental Outcomes in Children With Hypoplastic Left Heart Syndrome

Dora Gvenes, Joseph Atallah, Charlene M.T. Roberston, Gwen Y. Alton, Winnie Savard, Irina Dinu, Fahimeh Moradi, Lisa Hornberger, Fetal & Neonatal Cardiology Program, University of Alberta, Edmonton, Canada, Complex Pediatric Therapies Followup Program, Glenrose Rehabilitation Hospital, Edmonton, Canada

201 - Longitudinal Assessment of Growth 6 Years After the Norwood Operation: Results From the Single Ventricle Reconstruction Trial

Phillip Todd Burch, Chitra Ravishankar, Jane Newburger, Linda Lambert, Victoria Pemberton, Suzanne Granger, Alejandro Floh, Jeffrey Anderson, Garick Hill, Kevin Hill, Matthew Oster, Ryan Davies, Jeffrey Jacobs, Wyman Lai, Alan Lewis, Kurt Schumacher, Sinai Zybiewski, L. LuAnn Minich, for the Pediatric Heart Network Investigators, Pediatric Heart Network, Bethesda, MD, USA

202 - Preliminary Investigation Into the Link of Cerebral Blood Flow in Single Ventricle Patients After Superior Cavopulmonary Connection and Neurodevelopmental Outcome After Fontan

Mark A. Fogel, Kevin Whitehead, Marc Keller, Matthew Harris, Childrens Hospital of Philadelphia, Philadelphia, PA, USA

203 - Associations of Abnormal Anthropometry and Delayed Puberty With Quality of Life in Young Fontan Survivors: A Multicenter Cross-Sectional Study

Shaji C. Menon, Al-Dulaimi Ragheed, Brian McCrindle, David Goldberg, Ritu Sachdeva, Bryan Goldstein, Thomas Seery, Karen Uzark, Anjali Chelliah, Ryan Butts, Heather Henderson, Tiffanie Johnson, Richard Williams, University of Utah, Salt Lake City, UT, USA

204 - Neurocognitive Abilities in Children Who Have Undergone the Fontan Operation: The Association Between Hypoplastic Left Heart Syndrome and Outcomes

Billie-Jean Martin, M. Florencia Ricci, Joseph Atallah, Gwen Alton, Ari R. Joffe, David Ross, Ivan Rebeyka, Charlene Robertson, University of Alberta, Edmonton, Canada

205 - A Staged Decompression of Right Ventricle Allows Regression of Right Ventricle to Coronary Artery Fistula and Subsequent Achievement of Biventricular Repair in Patients With Pulmonary Atresia and Intact Ventricular Septum

Takahiro Eitoku, Yasuhiro Kotani, Kenji Baba, Maiko Kondou, Shingo Kasahara, Sadahiko Arai, Shinichi Ohtsuki, Shunji Sano, Pediatric Cardiology, Okayama University, Okayama, Japan

206 - Acute Kidney Injury Following First Stage Palliation in Hypoplastic Left Heart Syndrome: Hybrid Versus Norwood Palliation

Richard Garcia, Girija Natarajan, Sanjeev Aggarwal, Childrens Hospital of Michigan, Detroit, MI, USA, Wayne State University, Detroit, MI, USA

Congenital Heart Disease - Moderated Poster Contributions

Session #1126M

New Clinical Findings in Adult Congenital Heart Disease

Saturday, April 2, 2016, 10 a.m. - 12 p.m.

Congenital Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 2 /CNE Hours: 2

10:00 a.m.

Kidney Dysfunction in Patients With a Single Ventricle Fontan Circulation

Alexander R. Opotowsky, Fernando Baraona, Michael Landzberg, Fred Wu, Finnian McCausland, Justin Owumi, Brittani Loukas, Venkata Sabbiseti, Elizabeth Landzberg, Sushrut Waikar, Boston Children's Hospital, Boston, MA, USA, Brigham and Women's Hospital, Boston, MA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Atherosclerotic Cardiovascular Disease Risk in Adults With Congenital Heart Disease

Laura Flannery, Akl Fahed, Gregory Barinsky, Mohamed Youniss, Doreen Defaria Yeh, Ami Bhatt, Massachusetts General Hospital, Boston, MA, USA

10:25 a.m.

Question and Answer

10:30 a.m.

Impact of Fontan Conversion on Exercise Capacity in Adult Fontan Patients

Alexander C. Egbé, Talha Niaz, Naser Ammash, Mayo Clinic, Rochester, MN, USA

10:40 a.m.

Question and Answer

10:45 a.m.

Mid-Term Follow Up in Postpartum Tetralogy of Fallot Patients

Natalie P. Kenny, Mike Kelleman, Wendy Book, Camden Hebson, Emory University, Atlanta, GA, USA, Children's Healthcare of Atlanta, Atlanta, GA, USA

10:55 a.m.

Question and Answer



11:00 a.m.
The Prevalence of Sexual Dysfunction and Its Association With Quality of Life in Adults With Congenital Heart Disease
Scott Cohen, Alexandra Neiman, Salil Ginde, Peter Bartz, Mary Krolikowski, Michael Earing, Medical College of Wisconsin, Milwaukee, WI, USA

11:10 a.m.
Question and Answer

11:15 a.m.
Prevalence and Effect of Restrictive Lung Disease in Patients With Repaired Tetralogy of Fallot (TOF)
Jyothsna Akam Venkata, Michelle Kauff, Roxann Smith, Sanjeev Aggarwal, Children's Hospital of Michigan, Detroit, MI, USA

11:25 a.m.
Question and Answer

11:30 a.m.
Pregnancy After Aortic Root Replacement in Marfan Syndrome: A Survey and Review of the Literature
Dominique Williams, Kathryn Lindley, Melissa Russo, Jennifer Habashi, Harry Dietz, Alan Braverman, Washington University School of Medicine, St. Louis, MO, USA, The Johns Hopkins University School of Medicine, Baltimore, MD, USA

11:40 a.m.
Question and Answer

11:45 a.m.
Timing of Pulmonary Valve Replacement: Can We Use the Same Volumetric Thresholds in Repaired Tetralogy of Fallot and Pulmonary Stenosis?
Emily Slater, Matthew Lewis, Jonathan Ginns, Marlon Rosenbaum, Columbia University Medical Center-New York Presbyterian Hospital, New York, NY, USA

11:55 a.m.
Question and Answer

ACC Poster Moderator: Susan M. Fernandes
ACC Poster Moderator: Anitha S. John

Congenital Heart Disease - Scientific Session Session #618

New Innovations in Fetal Cardiology
Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.
Room S403
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Anita Krishnan
Co-Chair: Anita Moon-Grady

12:15 p.m.
Debate: Fetal Detection of Congenital Heart Disease Improves Postnatal Outcomes
Audrey Marshall

12:33 p.m.
Debate: Fetal Imaging Is Helpful for Parental Anticipation BUT Has No Impact on Postnatal Outcomes
Meryl Cohen
PA

12:51 p.m.
Is Fetal Cardiac Intervention Working?
Doff B. McElhinney
Boston, MA

1:09 p.m.
Fetal Pacing - The Holy Grail
Sharland Gurleen
United Kingdom

1:27 p.m.
New Advances in Prenatal Neurodevelopment
Catherine Limperopoulos
Washington, DC

Congenital Heart Disease - Poster Contributions Session #1145

Pregnancy and Congenital Heart Disease
Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.
Poster Area, South Hall A1
CME Hours: 0.75 /CNE Hours: 0.75

191 - Safety of Contraceptive Use Among Women With Congenital Heart Disease: A Systematic Review
Ginnie I. Abarbanell, Margaret Honein, Naomi Tepper, Sherry Farr, Centers for Disease Control, Atlanta, GA, USA

192 - Utilization of Specialty Care Centers in California for Labor and Delivery in Women With Congenital Heart Disease
Christiane Haeffele, George Lui, Olga Saynina, Stafford Grady, Lisa Chamberlain, Susan Fernandes, Stanford University, Stanford, CA, USA

193 - The Impact of Pregnancy on the Neo-aorta Following Ross Procedure
Angela T. Yetman, Shane Tsai, Jonathan Cramer, Children's Hospital & Medical Center, Omaha, NE, USA, Nebraska Medical Center, Omaha, NE, USA

194 - Maternal Outcomes and Risk Assessment in Pregnancies Associated With Structural Heart Diseases: A Single Tertiary Centre Experience
Guangming Tan, Joseph Yat Sun Chan, Department of Medicine, Chinese University of Hong Kong, Hong Kong, Hong Kong

Congenital Heart Disease - Poster Contributions Session #1146

Getting It Right: The Latest Diagnostic Techniques for Pediatric Heart Disease
Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.
Poster Area, South Hall A1
CME Hours: 0.75 /CNE Hours: 0.75

195 - Diagnosing Vascular Rings: Evaluation of Imaging Modalities
Brian Snarr, Adrian Dyer, Poonam Thankavel, University of Texas Southwestern Medical Center, Dallas, TX, USA, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

196 - The Role of High Sensitivity Troponin T in Hemodynamically Significant Patent Ductus Arteriosus in Premature Infants
Priyanka Asrani, Ashraf Aly, Aryn Jiwani, Sunil Jain, University of Texas Medical Branch, Galveston, TX, USA

197 - Segregating Bodily Isomerism Based on Cardiac Findings: Results of an Autopsy Study
Rohit Seth Loomba, Diane Spicer, Carl Backer, Robert Anderson, Children's Hospital of Wisconsin/Medical College of Wisconsin, Milwaukee, WI, USA, Lurie Children's Hospital/Feinberg School of Medicine, Chicago, IL, USA

198 - Improvements in Prenatal Obstetrical Screening Have Dramatically Enhanced Detection Rates of Fetal D-Transposition of the Great Arteries in the Province of Alberta
Prasad Ravi, Deborah Fruitman, Timothy Colen, Lindsay Mills, Nee Scze Khoo, Lisa Hornberger, Stollery Children's Hospital, Edmonton, Canada, Alberta Children's Hospital, Calgary, Canada



199 - Differential Myocardial Mechanics in Volume and Pressure Loaded Right Ventricles Demonstrated by Cardiac Magnetic Resonance
Karena Wu, Sunkyung Yu, Adam Dorfman, Ray Lowery, Prachi Agarwal, Maryam Ghadimi Mahani, Jimmy Lu, University of Michigan, Ann Arbor, MI, USA

200 - Normative Values for Pediatric Patients Undergoing the Bruce Protocol in the Modern Era
Sara E. Creighton, Joshua Kovach, Michael Danduran, Andrea Moker, Jennifer Dixon, Pippa Simpson, Children's Hospital of Wisconsin, Milwaukee, WI, USA, Medical College of Wisconsin, Milwaukee, WI, USA

201 - Cardiac Output Is Altered in Fetuses With Hypoplastic Left Heart Syndrome and Transposition of the Great Arteries Compared to Normal Controls. Lessons Learned From Fetal Echocardiogram
Tarek Alsaied, Eileen King, Stephanie Tseng, Allison Divanovic, Eunice Hahn, Mounira Habli, James Cnota, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

202 - Coronary Artery Intima and Media After Kawasaki Disease: An Optical Coherence Tomography Study
Audrey Dionne, Ragui Ibrahim, Catherine Gebhard, Anne Fournier, Nagib Dahdah, CHU Sainte-Justine, Montreal, Canada

203 - Variability in Fetal Cerebrovascular Resistance in Cyanotic Congenital Heart Disease: Comparison Between Transposition of the Great Arteries and Hypoplastic Left Heart Syndrome
Alexandra Channing, Anita Szwast, Zhi-Yun Tian, Jack Rychik, Children's Hospital of Philadelphia, Philadelphia, PA, USA

204 - Diagnostic Approach in Fetal Coarctation of the Aorta: A Cost-Effectiveness Analysis
Patrick Evers, Mark Lewin, Bhawna Arya, Seattle Children's Hospital, Seattle, WA, USA

205 - Left Ventricular Diffuse Myocardial Fibrosis in Survivors of Tetralogy of Fallot Repair and Correlation With Myocardial Strain by Cardiac Magnetic Resonance: Insight Into Mechanism of Left Ventricular Function
Mark A. Fogel, Christine Li, Matthew Harris, Marc Keller, Frederick Epstein, Christopher Kramer, Kevin Whitehead, Children's Hospital of Philadelphia, Philadelphia, PA, USA, University of VA, Charlottesville, VA, USA

206 - Cardiac MR Stress Perfusion With Regadenoson and Dobutamine in Children: Single Center Experience in Repaired and Unrepaired Congenital and Acquired Heart Disease
Cory Noel, Silvana Molossi, Ramkumar Krishnamurthy, Brady Moffett, Rajesh Krishnamurthy, Texas Children's Hospital, Houston, TX, USA, Baylor College of Medicine, Houston, TX, USA

Congenital Heart Disease - International Session

Session #506

Congenital Heart Disease - Pregnancy, Pulmonary Hypertension, and Interventions: International Perspectives From the Turkish Society of Cardiology, Thai Heart Association, and American College of Cardiology

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Room N427cd

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Jane Newburger
 Co-Chair: Taworn Suithichaiyakul
 Co-Chair: Lale Tokgözoğlu

2:00 p.m.
 Introduction to Session
 Jane Newburger

2:05 p.m.
 Pulmonary Hypertension Due to Congenital Heart Disease: The THALES Registry
 Cihangir Kaymaz
 Istanbul, Turkey

2:16 p.m.
 Post Annular Patch TOF With Free PR: When and How to Intervene?
 Worakan Promphan
 Bangkok, Thailand

2:27 p.m.
 INDICATOR: An International Multicenter Registry of Patients With Repaired Tetralogy of Fallot
 Anne Marie Valente
 Boston, MA

2:38 p.m.
 Percutaneous Treatment of Adults With Ventricular Septal Defect
 Asim Oktay Ergene
 Izmir, Turkey

2:49 p.m.
 Problem Solving in Pregnancy With Congenital Heart Disease
 Maytinee Kittipovanonth
 Bangkok, Thailand

3:00 p.m.
 Discussion

Congenital Heart Disease - Scientific Session

Session #629

Joint Symposium of the American Association for Thoracic Surgeons and the American College of Cardiology

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Room S103cd

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert D. B Jaquiss
 Co-Chair: Irving Shen

2:00 p.m.
 TAPVR - Sutureless Repair (Video)
 Christopher Caldarone

2:15 p.m.
 A Double Switch Operation (Video)
 James S. Tweddell
 Cincinnati, OH

2:30 p.m.
 IAA/VSD Repair (Video)
 David Bichell
 Nashville, TN

2:45 p.m.
 Options for Repair of CAVC (Video)
 Carl L. Backer
 Chicago, IL

3:00 p.m.
 Nikaidoh Operation (Video)
 Victor O. Morell
 Pittsburgh, PA

3:15 p.m.
 Panel Discussion/Question and Answer



Congenital Heart Disease - Scientific Session

Session #633

Optimizing Management in Tetralogy of Fallot

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Room S403

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Andrew N. Redington

Co-Chair: Karen K. Stout

2:00 p.m.

How Can the Pulmonary Valve Be Preserved at Primary Repair?

Paul J. Chai

2:15 p.m.

Who Is a Candidate for Percutaneous Pulmonary Valve Replacement?

Doff B. McElhinney

Boston, MA

2:30 p.m.

What Is the Impact of Pulmonary Valve Replacement?

Tal Geva

Boston, MA

2:45 p.m.

How Should Heart Failure Be Managed?

Ariane Marelli

Montreal, Canada

3:00 p.m.

What Are the Indications for ICD Placement in TOF?

Brynn Dechert

Ann Arbor, MI

3:15 p.m.

Question and Answer

Panelist: Paul J. Chai

Panelist: Brynn Dechert

Panelist: Tal Geva

Panelist: Ariane Marelli

Panelist: Doff B. McElhinney

Congenital Heart Disease - Moderated Poster Contributions

Session #1163M

Abnormalities of the Aorta in Congenital Heart Disease

Saturday, April 2, 2016, 3:45 p.m. - 4:30 p.m.

Congenital Heart Disease Moderated Poster Theater, Poster Area,

South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

3:45 p.m.

Intima-Media Thickness Is Abnormal in Children With Non-Complex

Congenital Heart Disease Despite Successful Repair

Christian Lilje, Elizabeth M. Owers, Julie C. Cronan, Patrice Clesi, Elridge J.

Schwartzburg, Louisiana State University Health Sciences Center, New

Orleans, LA, USA

3:55 p.m.

Question and Answer

4:00 p.m.

The Role of 18 F-Fluorodeoxyglucose Positron Emission Tomography in the Investigation of Regional Aortic Inflammation in Patients With Successfully Repaired Coarctation of the Aorta

Styliani V. Brili, Constantinos Anagnostopoulos, Evangelos Oikonomou, Nikolettia Pianou, Emmanouil Athanasiadis, Alexandros Georgakopoulos, Pavlos Kafouris, George Spyrou, Iosif Cutajar, Petros Nihoyannopoulos, Dennis Cokkinos, Dimitris Tousoulis, 1st Dept of Cardiology, 'Hippokraton' Hosp, Univ of Athens Medical School, Athens, Greece, Acad of Athens Biomedical Res Fndn, Athens, Greece

4:10 p.m.

Question and Answer

4:15 p.m.

Predictors of Aortic Dilatation in Turner Syndrome

Antonie Duijnhouwer, Roland van Kimmenade, Arie van Dijk, Menko Jan de

Boer, Jolien Roos-Hesseling, Janneke Timmermans, Radboud University

Medical Center, Nijmegen, The Netherlands, Erasmus Medical Center,

Rotterdam, The Netherlands

4:25 p.m.

Question and Answer

ACC Poster Moderator: William T. Mahle

ACC Poster Moderator: Gruschen Veldtman and Quality Improvement:

Where Are We Now and How Will the Future Look?

Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.

Room S403

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Robert H. Beekman

Co-Chair: Theresa A. Saia

4:45 p.m.

ACC-Talk: Why Measuring and Reporting Outcomes Matters to Me: A Health

Care Provider Perspective

John D. Kugler

4:57 p.m.

ACC-Talk: Why Measuring and Reporting Outcomes Matters to Me: A Parent

Perspective

Stacey Lihn

Phoenix, AZ

5:10 p.m.

ACC-Talk: IMPACT 2020: What Lies Ahead

Robert N. Vincent

Atlanta, GA

5:22 p.m.

ACC-Talk: PC4 2020: What Lies Ahead

Michael Gaies

Ann Arbor, MI

5:35 p.m.

ACC-Talk: NPC-QIC 2020: What Lies Ahead

Gail E. Wright

Palo Alto, CA

5:47 p.m.

ACC-Talk: CHSS and STS Databases: What Lies Ahead

Jeffrey P. Jacobs

Saint Petersburg, FL



Congenital Heart Disease - Scientific Session

Session #658

Advanced Imaging Congenital Heart Disease

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room S403

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Laura J. Olivieri

Co-Chair: Shubhika Srivastava

8:00 a.m.

Evaluation of Atrioventricular Valve Regurgitation By 3D Echocardiography
Nee Scze Khoo

8:15 a.m.

Role of Diastolic Function Assessment by Echocardiography
Peter C. Frommelt
Milwaukee, WI

8:30 a.m.

Insights From MRI Lymphangiography in Fontan Patients
Yoav Dori
Philadelphia, PA

8:45 a.m.

MRI Assessment of Myocardial Fibrosis
Andrew J. Powell
Boston, MA

9:00 a.m.

CT Evaluation of Infants
Barbara Kelly Han
Minneapolis, MN

9:15 a.m.

Question and Answer

Panelist: Yoav Dori

Panelist: Peter C. Frommelt

Panelist: Barbara Kelly Han

Panelist: Nee Scze Khoo

Panelist: Andrew J. Powell

Congenital Heart Disease - Poster Contributions

Session #1178

A Time to Reflect: Novel Insights From Congenital Heart Disease

Surgical Follow Up

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

191 - Cone Repair for Ebstein's Anomaly in Adulthood: Careful Patient Selection May Be Crucial

Preeti Choudhary, Marina Hughes, Victor Tsang, Bejal Pandya, St Bartholemew's Hospital, London, United Kingdom, Great Ormond St Hospital, London, United Kingdom

192 - Quality of Life in Patients With Tetralogy of Fallot After Pulmonary Valve Replacement: Is There an Association With Improvement in Right Ventricular Size by Cardiac MRI?

Matthew J. Lewis, Harsimran Singh, Jonathan Ginns, Marlon Rosenbaum, Columbia University Medical Center, New York, NY, USA

193 - Risk Factors for Infective Endocarditis in Surgical Patients With Bicuspid Aortic Valve Disease

Dillon Schafer, Alexander Taylor, Adin-Cristian Andrei, Zhi Li, Colleen Clennon, Jota Nakano, Patrick McCarthy, S. Chris Malaisrie, Jyothy Puthumana, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

194 - Coronary Artery Complications Following Aortic Root Replacement in Familial Aortic Aneurysms Are Common and Support Need for Long-Term Surveillance

Hema Krishna, Salil Ginde, Lindsey Katzmark, Ronald Woods, Michael Mitchell, Michael Earing, Medical College of Wisconsin, Milwaukee, WI, USA, Children's Hospital of Wisconsin, Milwaukee, WI, USA

Congenital Heart Disease - Poster Contributions

Session #1179

Advances in Pediatric Heart Surgery and Intensive Care

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

195 - Echocardiographic Diagnosis, Surgical Treatment and Outcomes of Anomalous Left Coronary Artery From the Pulmonary Artery: A 25 Year Experience

Shivani Govind Patel, Michele Frommelt, Peter Frommelt, Jonathan Cramer, University of Nebraska College of Medicine, Children's Hospital and Medical Center, Omaha, NE, USA, The Medical College of Wisconsin, Children's Hospital of Wisconsin, Milwaukee, WI, USA

196 - Overfeeding and Obesity in Infants With Tracheostomy and Positive Pressure Ventilation After Cardiac Surgery

Takeshi Tsuda, Deepika Thacker, Allison Lamma, Donna Tearl, David Hehir, Samuel Gidding, Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE, USA

197 - Coronary Artery Bypass and Percutaneous Intervention After Kawasaki Disease: The Canadian Pediatric Experience

Audrey Dionne, Mohamed Bakloul, Cedric Manlhiot, Brian McCrindle, Martin Hosking, Christine Houde, Dion Pepelassis, Nagib Dahdah, CHU Sainte-Justine, Montreal, Canada, The Hospital for Sick Children, Toronto, Canada

198 - Influence of Comorbid Conditions on Congenital Heart Disease Surgical Outcomes

Gregory Sturz, Howard Gutgesell, Mark Conaway, Peter Dean, University of Virginia, Charlottesville, VA, USA

199 - Complete Atrioventricular Canal Defect: Influence of Timing of Repair on Intermediate Outcomes

Khushboo Parikh, Nishant C. Shah, Allen Kunselman, Joseph B. Clark, Penn State College of Medicine, Hershey, PA, USA

200 - Outcomes After Cardiac Intervention in Infants With Trisomy 13 and 18

Renuka Peterson, Nandini Calamur, Kimberly Spence, Saint Louis University, Saint Louis, MO, USA

201 - Risk Factors for Mortality in Pediatric Cardiac Intensive Care Unit Patients Managed With Extracorporeal Membrane Oxygenation in a Contemporary Cohort

Barbara-Jo Achuff, Matthew D. Elias, Matthew J. O'Connor, Richard F. Ittenbach, Chitra Ravishankar, Susan C. Nicolson, Thomas L. Spray, Stephanie Fuller, J. William Gaynor, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

202 - Use of PC4 Database in a Prospective Cohort Study of Hospital-Acquired Thrombosis in Pediatric Cardiac In-Patients

Therese M. Giglia, Whitney L. Petrosa, Kelly Venezia, Karen Murphy, Janine Pappas, Xianqun Luan, Leslie Raffini, Children's Hospital of Philadelphia, Philadelphia, PA, USA



203 - Tricuspid Valve Reconfiguration Following Pulmonary Artery Banding in Patients With Congenitally Corrected Transposition of the Great Arteries as Seen on Echocardiography

Dan Gil Halpern, Meena Nathan, Or Yaacov, Gerald Marx, Boston Children's Hospital, Boston, MA, USA, New York University Medical Center, New York, NY, USA

204 - Impact of Obesity on Peri-Operative Short Term Outcomes in Adolescent With Congenital Heart Disease

Richard Garcia, Sanjeev Aggarwal, Childrens Hospital of Michigan, Detroit, MI, USA, Wayne State University, Detroit, MI, USA

205 - Prevalence and Risk Factors for Pericardial Effusion Requiring Readmission After Pediatric Cardiac Surgery

Matthew D. Elias, Andrew C. Glatz, Matthew J. O'Connor, Susan Schachtner, Chitra Ravishankar, Christopher E. Mascio, Meryl S. Cohen, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

206 - Long-Term Outcomes of Pediatric Cardiac Patients Supported by Extracorporeal Membrane Oxygenation

Matthew D. Elias, Barbara-Jo Achuff, Richard F. Ittenbach, Chitra Ravishankar, Thomas L. Spray, Stephanie Fuller, Lisa M. Montenegro, J. William Gaynor, Matthew J. O'Connor, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

Congenital Heart Disease - Moderated Poster Contributions

Session #1197M

Pediatric and Congenital Electrophysiology Outcomes

Sunday, April 3, 2016, 9:45 a.m. - 10:30 a.m.

Congenital Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

Successful Mid-Term Outcomes of Cryoablation With an 8-mm Tip Catheter for Pediatric AVNRT

Frank J. Zimmerman, Saroja Bharati, Anne Freter, Supaluck Kanjanauthai, Lisa Russo, Ira Shetty, Advocate Children's Hospital, Oak Lawn, IL, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Rate of Arrhythmia Recurrence Post-Ablation in Adult Congenital Heart Disease

Matthew J. Lewis, William Whang, Angelo Biviano, Kathleen Hickey, Hasan Garan, Marlon Rosenbaum, Columbia University Medical Center, New York, NY, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Evolution of the Fetal Atrioventricular (AV) Interval From 6-40 Weeks of Gestation

Dora Gyenes, Joseph Atallah, Jesus Serrano, C. Monique Bohun, Lisa Howley, Angela McBrien, Winnie Savard, Venu Jain, Tarek Motan, Lisa Hornberger, Fetal & Neonatal Cardiology Program, University of Alberta, Edmonton, Canada

10:25 a.m.

Question and Answer

ACC Poster Moderator: Gabriele Hessling

ACC Poster Moderator: Christopher M. Janson

Congenital Heart Disease - Scientific Session

Session #670

Pre-Operative Surgical Planning From Echocardiography to 3D Printing and Beyond

Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.

Room S403

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert D. B Jaquiss

Co-Chair: Kirk Kanter

10:45 a.m.

Case Presentation: Complex Double Outlet Right Ventricle: Should It Be Repaired or Palliated?

Anita Szwest

10:50 a.m.

Time Honored Approach of Echocardiography: Pre-Op & Intra-Op

Mark B. Lewin

Seattle, WA

11:11 a.m.

Role of 3D Printing to Guide the Surgical Planning

Laura J. Olivieri

Washington, DC

11:32 a.m.

Visiting the Biomedical Engineer Before the Surgeon

Tim Slesnick

Atlanta, GA

11:53 a.m.

Interventional Cardiac Magnetic Resonance - Radiation-Free Cardiac Cath

Kanishka Ratnayaka

San Diego, CA

Congenital Heart Disease - Scientific Session

Session #685

There Is No 'I' in Team: Improving the Team Dynamic

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Room S403

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Bronwyn Bartle

Co-Chair: Alistair Phillips

12:30 p.m.

Two Minds Are Better Than One - Hybrid Approach

Ralf Holzer

12:45 p.m.

We All Have Our Roles to Play

James S. Tweddell

Cincinnati, OH

1:00 p.m.

Human Factors and Improving Transitions of Care

Ken Catchpole

Los Angeles, CA

1:15 p.m.

Developing a Culture of Why - Use of Video in ICU

Lillian Su

Washington, DC



1:30 p.m.
Simulation in Developing Better Teams
Russell Metcalfe-Smith
Los Angeles, CA

Congenital Heart Disease

Session #816

Core Curriculum: To Fear or Not to Fear; That Is the Question

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Room N426

CME Hours: 1.25 /CNE Hours: 0

Chair: Curt J. Daniels

12:30 p.m.
Mis-Adventures in the Management of Adult Congenital Heart
Anne Marie Valente
Boston, MA

12:50 p.m.
What I Want EVERY Cardiologist to Know About CHD
Cary C. Ward
Durham, NC

1:10 p.m.
The PATCH Program: Education and Collaboration to Improve ACHD Care
Arwa Saidi
Gainesville, FL

1:30 p.m.
Question and Answer

Congenital Heart Disease - Moderated Poster Contributions

Session #1208M

Congenital Heart Surgery: Techniques, Modifications and Complications

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Congenital Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.
Beyond the Fontan: Surgical and Catheter Based Reinterventions Are Common in Long-Term Single Ventricle Survivors
Tacy E. Downing, Kiona Allen, David Goldberg, Lindsay S. Rogers, Chitra Ravishankar, Jack Rychik, Stephanie Fuller, Lisa M. Montenegro, James Steven, Thomas Spray, Susan Nicolson, J. William Gaynor, Andrew Glatz, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

12:40 p.m.
Question and Answer

12:45 p.m.
Clinical Epidemiology of Chylothorax After Cardiac Surgery in Children: A Report From the Pediatric Cardiac Critical Care Consortium
Jason Buckley, Eric Graham, Michael Gaies, Jeffrey A. Alten, David Cooper, John Costello, Yuliya Domnina, Janet Donahue, Darren Klugman, Sara Pasquali, Wenyang Zhang, Mark Scheurer, Medical University of South Carolina, Charleston, SC, USA, C.S. Mott Children's Hospital and University of Michigan Medical School, Ann Arbor, MI, USA

12:55 p.m.
Question and Answer

1:00 p.m.
Bidirectional Glenn Shunt as Palliation for Complex Corrected Transposed Great Arteries
Kai Ma, Shoujun Li, Zhongdong Hua, Keming Yang, Jun Yan, Hao Zhang, Sen Zhang, Qiuming Chen, Lei Qi, Fuwai Hospital, Chinese Academy of Medical Science & Peking Union Medical College, Beijing, People's Republic of China

1:10 p.m.
Question and Answer

1:15 p.m.
Coronary Revascularization Procedures in Children: In-Hospital Mortality and Mid-Term Follow Up Data
Lazaros Kochilas, Jeremiah Menk, Jeffrey Vinocur, Brian Harvey, Logan Spector, James St Louis, Emory University, Atlanta, GA, USA, University of Minnesota, Minneapolis, MN, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Mitral, Tricuspid and Common Atrioventricular Valve Replacement in Neonates and Infants Using an Extracellular Matrix Sleeve Graft
Juan-Carlos Muniz, Redmond Burke, Nicklaus Children's Hospital, Miami, FL, USA

1:40 p.m.
Question and Answer

ACC Poster Moderator: Kristine Guleserian
ACC Poster Moderator: Dilip S. Nath

Congenital Heart Disease - Poster Contributions

Session #1226

Predicting Outcome in Adult Congenital Heart Disease

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

191 - Outcome in Middle-Aged Individuals With Anomalous Coronary Arteries Originating From the Opposite Sinus: A Case Control Study
Christoph Gräni, Dominik Benz, Olivier Clerc, Christian Schmied, Dominik Steffen, Fran Mikulicic, Jan Vontobel, Mathias Possner, Aju Pazhenkottil, Oliver Gaemperli, Philipp Kaufmann, Ronny Buechel, Department of Nuclear Medicine, Cardiac Imaging, University Hospital Zurich, Zurich, Switzerland, Department of Cardiology, University Heart Center Zurich, Zurich

192 - Glomerular Function Depends on the Period of Cyanosis in Adult Patients With Tetralogy of Fallot
Tomoaki Murakami, Tomohiro Nawa, Masahiro Shiraishi, Kouji Higashi, Shigeru Tatenno, Yasutaka Kawasoe, Koichiro Niwa, Chiba Children's Hospital, Chiba, Japan, Chiba Cardiovascular Center, Ichihara, Japan

193 - Survey of Nutrition Intake in Sarcopenia in Adults With Congenital Heart Disease
Yumi Shiina, Noriko Matsumoto, Koichiro Niwa, St. Luke's International Hospital, Tokyo, Japan

194 - Predictors of Health Related Quality of Life in Adults With Repaired Tetralogy of Fallot
Kristin Farias, Russell Gongwer, Michelle Gurvitz, Boston Children's Hospital, Boston, MA, USA

195 - Cardiac Regional Strain Evaluation for Hypertrophic Cardiomyopathy Using 4D Echocardiography
David J. Sahn, Hannah Tam, Lydia Tam, Muhammad Ashraf, Meihua Zhu, Oregon Health & Science University, Portland, OR, USA



196 - The Effect of Cardiac Transthyretin Amyloidosis on Renal Disease Progression

Nikolay Bogush, Stephen Gottlieb, University of Maryland Medical Center, Baltimore, MD, USA

197 - A Randomized Trial of Cardiac Rehabilitation for Adolescents and Adults With Congenital Heart Disease

Alexander R. Opotowsky, Jonathan Rhodes, Lilamarie Moko, Robin Bradley, David Systrom, Aaron Waxman, Michael Landzberg, Scott Crouter, Ana Ubeda Tikkanen, Boston Children's Hospital, Boston, MA, USA, Brigham and Women's Hospital, Boston, MA, USA

198 - Long-Term Efficacy of Treat and Repair Strategy for Atrial Septal Defect With Pulmonary Artery Hypertension

Teiji Akagi, Yoichi Takaya, Yasufumi Kijima, Koji Nakagawa, Hiroki Oe, Hiroshi Ito, Shunji Sano, Okayama University, Okayama, Japan

199 - Relationship Between Myocardial Strain Measured by Tagged Magnetic Resonance Imaging, Myocardial Viability, and Serum Biomarkers of Fibrosis in Single Ventricular Morphology Long-Term After Fontan Operation

Atsushi Kitagawa, Manabu Takanashi, Takashi Honda, Sumito Kimura, Kagami Miyaji, Masahiro Ishii, Kitasato University School of Medicine, Sagamihara, Japan

200 - Value of Speckle Tracking for the Assessment of Right Ventricular Function in Patients With Congenital Heart Disease Associated Pulmonary Hypertension: Correlation With Conservative Echocardiography and Clinical Parameters

Hatice S Kemal, Meral Kayikcioglu, Levent H. Can, Sanem Nalbantgil, Ozcan Vuran, Nesrin Mogolkoc, Hakan Kultursay, Ege University Hospital, Izmir, Turkey

Congenital Heart Disease - Poster Contributions

Session #1227

Novel Perspectives on Pediatric Heart Disease

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

201 - Diagnostic Exome Sequencing in Pediatric Patients With Congenital Heart Disease

Zoe Powis, Devon Thrush, Brigette Tippin Davis, Jill S. Dolinsky, Ambray Genetics, Aliso Viejo, CA, USA

202 - Relationship Between Kawasaki Disease, Common Infections and Myocardial Profiling

Cathie-Kim Le, Audrey Dionne, Julie Autmizguine, Nagib Dahdah, CHU Ste-Justine, Montreal, Canada

203 - Increased Regurgitant Flow Causes Endocardial Cushion Defects in an Avian Embryonic Model of Congenital Heart Disease

Stephanie Ford, Matthew T. McPheeters, Yves T. Wang, Shi Gu, Yong Qiu Doughman, James Strainic, Andrew M. Rollins, Michiko Watanabe, Michael Jenkins, UH Rainbow Babies and Children's Hospital, Cleveland, OH, USA, Case Western Reserve University Department of Biomedical Engineering, Cleveland, OH, USA

204 - Unique Morphology of Bicuspid Aortic Valve in Patients With Coexisting Genetic Syndromes

Talha Niaz, Joseph Poterucha, Jared Palfreeman, Cecilia Craviari, Thomas Nienaber, Donald Hagler, Mayo Clinic, Rochester, MN, USA

205 - Trans-Catheter Closure of Patent Ductus Arteriosus in Severely Premature Neonates: A New Technique for a Vexing Problem

Daniel Peck, Ruchira Garg, Marion McRae, Phillip Nevin, Kaylan Basaker, Alistair Phillips, Charles Simmons, Evan Zahn, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

206 - Impact of Left-to-Right Ventricular Shunts on Circulating MicroRNA Expression

Takashi Honda, Keiko Nomoto, Manabu Takanashi, Eri Mineo, Atsushi Kitagawa, Hisashi Ando, Sumito Kimura, Masahiro Ishii, Kitasato University School of Medicine, Sagamihara, Kanagawa, Japan

Congenital Heart Disease - Scientific Session

Session #700

The Debate Is Over: Pediatric Electrophysiology Controversies Which Are Less Controversial

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Room S403

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Maully J. Shah

Co-Chair: Sabrina Tsao

2:00 p.m.

Electrocardiographic Screening Is Not Necessary in All Children - Only When History, Physical, or Family History Assessment Raise Concerns
Kristin Burns

2:12 p.m.

Catheter Ablation Should Now Be the Preferred Initial Approach for Wolff-Parkinson-White Syndrome in Children > 5 Years Old
Gabriele Hessling
Munich, Germany

2:24 p.m.

Fluoroscopy Is Rarely Necessary Anymore for Pediatric Catheter Ablation
Marco Scaglione
Asti, Italy

2:36 p.m.

Implantable Defibrillators Save Pediatric Lives - Don't Withhold Valuable Therapies
Elizabeth A. Stephenson
Toronto, Canada

2:48 p.m.

Pediatric Patients Differ From Adult CRT Recipients - Indications, Implants, and Responses to Therapy
Aya Miyazaki
Osaka, Japan

3:00 p.m.

Panel Discussion

Panelist: Kristin Burns

Panelist: Gabriele Hessling

Panelist: Aya Miyazaki

Panelist: Marco Scaglione

Panelist: Elizabeth A. Stephenson

Congenital Heart Disease - Moderated Poster Contributions

Session #1242M

Improving Resource Utilization in Congenital Heart Disease

Sunday, April 3, 2016, 3:45 p.m. - 4:30 p.m.

Congenital Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75



3:45 p.m.

Chest Pain in Children: The Charge Implications of Unnecessary Referral! A Multi Institutional Analysis

Ashraf Haraheh, Bill Pastor, Dionne Graham, David Fulton, Children's National Health System, Washington, DC, USA, Boston Children's Hospital, Boston, MA, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Application of Pediatric Appropriate Use Criteria for Outpatient Evaluation of Syncope by Pediatric Cardiologists

Heather M. Phelps, Michael Kelleman, Courtney McCracken, Oscar Benavidez, Robert Campbell, Pamela Douglas, Benjamin Eidem, Wyman Lai, Leo Lopez, Kenan Stern, Rory Weiner, Liz Welch, Ritu Sachdeva, Emory University School of Medicine, Atlanta, GA, USA, Sibley Heart Center Cardiology Children's Healthcare of Atlanta, Atlanta, GA, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Impact of Standardized Clinical Assessment and Management Plans on Resource Utilization in Children After the Arterial Switch Operation

Rahul Hardas Rathod, Brittney Jurgen, Rose Hamershock, Kevin Friedman, Audrey Marshall, Andrew Powell, James Lock, Dionne A. Graham, Boston Children's Hospital, Boston, MA, USA, Institute for Relevant Clinical Data Analytics, Boston, MA, USA

4:25 p.m.

Question and Answer

ACC Poster Moderator: Bradley S. Marino

ACC Poster Moderator: Sara K. Pasquali

Congenital Heart Disease - Scientific Session

Session #715

Not in Our House: Preventing Acquired Cardiac Disease in CHD

Sunday, April 3, 2016, 4:45 p.m. - 6 p.m.

Room S403

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Susan M. Fernandes

Co-Chair: William T. Mahle

4:45 p.m.

ACC-Talk: Preventing Atherosclerotic Cardiac Disease in Congenital Heart Disease

Ami B. Bhatt

5:03 p.m.

ACC-Talk: Preventing Pulmonary Hypertension in Congenital Heart Disease

Wayne J. Franklin
Houston, TX

5:21 p.m.

ACC-Talk: Preventing Heart Failure in Congenital Heart Disease

Eric V. Krieger
Seattle, WA

5:39 p.m.

Question and Answer

Panelist: Ami B. Bhatt

Panelist: Wayne J. Franklin

Panelist: Eric V. Krieger

Congenital Heart Disease - Oral Contributions

Session #910

Highlighted Original Research: Congenital Heart Disease and the Year in Review

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S403

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mary T. Donofrio

Co-Chair: Daniel J. Penny

8:00 a.m.

Year in Review Speaker

Ziyad M. Hijazi

8:15 a.m.

Improved Technical Success and Postnatal Outcomes After Fetal Aortic Valvuloplasty

Kevin Friedman, Lindsay Freud, Monika Drogosz, Audrey Marshall, Max Godfrey, Carol Benson, Louise Wilkins-Haug, James Lock, Wayne Tworetzky, Boston Children's Hospital, Boston, MA, USA

8:27 a.m.

Discussion

8:30 a.m.

Initial Results From the Early Feasibility Study of the Medtronic Native Outflow Tract Transcatheter Pulmonary Valve

John P. Cheatham, Lisa Bergersen, Matthew Gillespie, Brian McHenry, Lee Benson, Nationwide Children's Hospital, Columbus, OH, USA

8:42 a.m.

Discussion

8:45 a.m.

Management of Atrial Arrhythmias in Adult Fontan Patients

Alexander C. Egbe, Christopher McLeod, Talha Niaz, Heidi Connolly, Mayo Clinic, Rochester, MN, USA

8:57 a.m.

Discussion

9:00 a.m.

Isolated Heart and Combined Heart-Liver Transplant: What Happens to Congenital Heart Disease and Fontan Patients in the U.S?

Krong-On Pinyoluksana, Yongjie Miao, Curtis Daniels, Elisa Bradley, Ohio State University, Columbus, OH, USA, Nationwide Children's Hospital, Columbus, OH, USA

9:12 a.m.

Discussion

9:15 a.m.

Factors Impacting Variation in Cost Across Centers for Patients Undergoing the Norwood Operation

Kimberly E. McHugh, Sara Pasquali, Matthew Hall, Mark Scheurer, Medical University of South Carolina, Charleston, SC, USA, University of Michigan C.S. Mott Children's Hospital, Ann Arbor, MI, USA

9:27 a.m.

Discussion



Congenital Heart Disease - Poster Contributions

Session #1257

The Evolving Epidemiology of Adult Congenital Heart Disease

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

191 - Prevalence of Coronary Artery Disease, Associated Risk Factors and Implications on Healthcare Service Utilization in a Large Cohort of Adult Congenital Heart Disease Patients in Israel

Yonatan Buber, Michal Benderly, Israeli Working Group on Adults with Congenital Heart Disease, Sheba Medical Center, Ramat Gan, Israel

192 - Use of Capture-Recapture to Estimate Prevalence of Congenital Heart Defects Among Adolescents and Adults in Five Atlanta, Georgia Counties: 2008-2010

Wendy M. Book, Katherine John, Cheryl Raskind-Hood, Melissa Jill Glidewell, Tiffany Riehle-Colarusso, Carol Hogue, Emory University School of Medicine and Rollins School of Public Health, Atlanta, GA, USA, Centers for Disease Control and Prevention, National Center for Birth Defects and Developmental Disa, Atlanta, GA, USA

193 - Valve Degeneration Score and Risk of Aortic Dissection in Bicuspid Aortic Valve-Associated Aneurysms

Maan Malahfji, Harleen Sandhu, Anthony Estrera, Hazim Safi, Siddharth Prakash, University of Texas Health Sciences Center in Houston, Houston, TX, USA

194 - Outcome of Direct Current Cardioversion in Adults With Congenital Heart Disease

Alexander C. Ege, Samuel Asirvatham, Christopher McLeod, Naser Ammash, Mayo Clinic, Rochester, MN, USA

Congenital Heart Disease - Poster Contributions

Session #1258

Utilization, Outcomes, and Quality Improvement in Pediatric Cardiac Care

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

195 - Harmful Diagnostic Errors Occur Frequently in Pediatric Cardiac Intensive Care: A Multi-Site Survey

Priya N. Bhat, John Costello, Ranjit Aiyagari, Paul Sharek, Mjaye Mazwi, Stephen Roth, Andrew Shin, Stanford University School of Medicine, Palo Alto, CA, USA

196 - Moving Toward a National Consensus on Pediatric Heart Failure Quality Measures: The ACC Quality Metrics Working Group Initiative

Christopher S. D. Almond, Angela Lorts, Kevin Daly, Esther Liu, David Rosenthal, Anica Bulic, Michelle Gurvitz, Andrew Shin, Joseph Rossano, Jack Price, Stanford University, Palo Alto, CA, USA

197 - What Drives Follow-Up of Pediatric Bicuspid Aortic Valve: Provider Preference or Disease Characteristics?

Melissa Yamauchi, Michael Puchalski, Hsin-Yi Weng, Nelangi Pinto, L. LuAnn Minich, Susan Etheridge, Angela P. Presson, Richard Williams, University of Utah, Salt Lake City, UT, USA

198 - Development of a Clinical Practice Pathway for the Management of Acute Catheter-Related Venous Thromboembolism in Pediatric Cardiology Patients: Year One Evaluation

Whitney Petrosa, Leslie Raffini, Marilyn S. Blumenstein, Janine Pappas, Kelly Venezia, Karen Murphy, Sichao Li, Therese Giglia, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

199 - Quality of Life Is Diminished in Patients With Tetralogy of Fallot With Mild Residual Disease: A Comparison of Tetralogy of Fallot and Isolated Valvar Pulmonary Stenosis

Shivani M. Bhatt, Amy Cassidy, Bradley Marino, Elizabeth Goldmuntz, Laura Mercer-Rosa, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

200 - Cardiac Findings in Fetuses With Cerebral Arteriovenous Malformations Are Associated With Outcome

Max E. Godfrey, Wayne Tworetzky, Donna Morash, Kevin Friedman, Boston Children's Hospital, Boston, MA, USA

201 - Influence of Patient Factors on Utilization of Initial Outpatient Pediatric Echocardiography

Kenan W.D. Stern, Talin Gulesserian, Sean Lang, Christopher Statile, Erik Michelfelder, Ericka McLaughlin, Tuan Nguyen, Leo Lopez, George Verghese, Daphne Hsu, Jaoun Choi, Ritu Sachdeva, Children's Hospital at Montefiore, Bronx, NY, USA

202 - Educational Intervention for Improving the Appropriateness of Transthoracic Echocardiograms Ordered by Pediatric Cardiologists

Ritu Sachdeva, Michael S. Kelleman, Joseph Allen, Oscar Benavidez, Robert Campbell, Pamela Douglas, Benjamin Eidem, Lara Gold, Leo Lopez, Courtney McCracken, Kenan Stern, Rory Weiner, Elizabeth Welch, Wyman Lai, Emory University School of Medicine, Atlanta, GA, USA

203 - Predictors of Longitudinal Population Costs in Infants Born With Critical Congenital Heart Disease

Nelangi Marie Pinto, Richard Nelson, Lorenzo Botto, L. LuAnn Minich, Sergey Krikov, Norman Waitzman, University of Utah, Salt Lake City, UT, USA

204 - Non-Invasive Ventricular Arrhythmia Risk Stratification in Patients With Tetralogy of Fallot

Daniel Cortez, Duy Nguyen, University of Colorado, Aurora, CO, USA

205 - In Hospital Vital Status After Interventions for Congenital Heart Diseases: Completeness of Case Ascertainment Using the National Death Index

Lazaros Kochilas, Jeremiah Menk, Jeffrey Vinocur, James D. St Louis, Brian Harvey, James Moller, Logan Spector, Emory University, Atlanta, GA, USA, University of Minnesota, Minneapolis, MN, USA

206 - Adolescents With Congenital Heart Disease: A High Risk Group

Aparna Kulkarni, Patricia Zybert, Shelby Kutty, Richard Neugebauer, Brett Anderson, Albert Einstein College of Medicine, Bronx, NY, USA, Columbia University, New York, NY, USA

Congenital Heart Disease - Moderated Poster Contributions

Session #1277M

Impact of Maternal Stress on Fetal Outcomes

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Congenital Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

Impact of Early Palliative Care Intervention on Maternal Stress in Mothers of Infants Prenatally Diagnosed With Single Ventricle Heart Disease: A Randomized Clinical Trial

Hayley Hancock, Kenneth Pituch, Karen Uzark, Priya Bhat, Carlen Fifer, Maria Silveira, Sunkyung Yu, Janet Donohue, Ray Lowery, Ranjit Aiyagari, University of Michigan, Ann Arbor, MI, USA

9:55 a.m.

Question and Answer



10:00 a.m.
Psychological Stress and Maternal Cortisol When Carrying a Fetus With Congenital Heart Disease
Brooke Davey, Zhi-Yun Tian, Agbenu Ejembi, Denise Donaghue, Jill Combs, Okan Elci, Suzanne Levy, Jack Rychik, Guy Diamond, Children's Hospital of Philadelphia, Philadelphia, PA, USA

10:10 a.m.
Question and Answer

10:15 a.m.
The Impact of Prenatal Diagnosis on Rates and Cost of Comfort Care for Infants With Critical Congenital Heart Disease
Whitnee Hogan, L. LuAnn Minich, Michael Puchalski, Richard Nelson, Nelangi Pinto, University of Utah, Salt Lake City, UT, USA

10:25 a.m.
Question and Answer

ACC Poster Moderator: Jami Levine
ACC Poster Moderator: Jack Rychik

Congenital Heart Disease - Scientific Session

Session #739

My Pediatric CHD Patient Is Nearing Adulthood: Tackling Tough Topics

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S403

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ami B. Bhatt
Co-Chair: Nancy Rudd

10:45 a.m.
ACC-Talk: Timing of Transition: What Is Best for Patients, Parents and Providers?
Curt J. Daniels

11:00 a.m.
Guardianship: Helping Families Navigate Power of Health Care Decisions
Dorothy D. Pearson
Boston, MA

11:12 a.m.
Birth Control and Pregnancy: What Your Female Patients Should Know
Carole A. Warnes
Rochester, MN

11:24 a.m.
Reoperation for Young Adults: Perform This Surgery at Pediatric Hospital or Adult Hospital?
Michael J. Landzberg
Boston, MA

11:36 a.m.
End of Life and Palliative Care: Addressing Difficult Decisions
Adrienne H. Kovacs
Portland, OR

11:48 a.m.
The Good and Bad of My Transition to Adult Congenital Care: A Patient Perspective
Maxwell Koth
Kenosha, WI

Panel Discussion/Question and Answer

Panelist: Curt J. Daniels
Panelist: Maxwell Koth

Panelist: Adrienne H. Kovacs
Panelist: Michael J. Landzberg
Panelist: Dorothy D. Pearson
Panelist: Carole A. Warnes

Congenital Heart Disease - Scientific Session

Session #740

IMPACT Radiation Risk Reduction Initiative - Risk Reduction in the Congenital Cath Lab - MOC Part IV

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S105ab

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Aimee K. Armstrong
Co-Chair: Robert H. Beekman

10:45 a.m.
Reducing Radiation Exposure RRR Overview and Updates
Aimee K. Armstrong

10:57 a.m.
Reducing Radiation Risk - Maintaining QI and Team Engagement
Christopher J. Petit

11:09 a.m.
Center Update: Texas Children's Hospital Experience
Henri Justino
Houston, TX

11:21 a.m.
Center Report: The Cincinnati Experience
Wendy Whiteside
Cincinnati, OH

11:33 a.m.
Center Report: The Boston Experience
Lisa Bergersen
Boston, MA

11:45 a.m.
Is MRI the Answer? MRI Instead of Cardiac Cath
Kanishka Ratnayaka
San Diego, CA

11:57 a.m.
Panel Discussion/Question and Answer

Congenital Heart Disease - Moderated Poster Contributions

Session #1288M

Pushing the Envelope in Pediatric Interventional Cardiology

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Congenital Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.
Endovascular De-Banding of Pulmonary Arteries in a Swine Model
Michael Perez, TK Susheel Kumar, Mario Briceno-Medina, Yada Akkhwattanangkul, Kimberly Allen, Christopher Knott-Craig, Benjamin Waller, Shyam Sathanandam, University of Tennessee Health Science Center, Memphis, TN, USA, Le Bonheur Children's Hospital, Memphis, TN, USA

12:40 p.m.
Question and Answer



12:45 p.m.

Stent Unzipping Using Ultra High Pressure Balloon: In Vitro, and Animal Experiment

Kazuto Fujimoto, Takanari Fujii, Yoshihito Hata, Suguru Tarui, Yoshinori Miyahara, Koza Ishino, Hideshi Tomita, Cardiovascular Center, Showa University, Northern Yokohama Hospital, Yokohama, Japan

12:55 p.m.

Question and Answer

1:00 p.m.

Fetal Aortic Valvuloplasty Improves Likelihood of Biventricular Outcome in Live Born Infants

Max E. Godfrey, Kevin Friedman, Lindsay Freud, Monika Drogosz, Louise Wilkins-Haug, Carol Benson, James Lock, Audrey Marshall, Wayne Tworetzky, Boston Children's Hospital, Boston, MA, USA, Brigham and Women's Hospital, Boston, MA, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Early Closure of Atrial Septal Defect Improves Clinical Symptoms by Ameliorating Underlying Pulmonary Abnormalities in Young Children
Takeshi Tsuda, Ryan Davies, Wolfgang Radtke, Christian Pizarro, Abdul M. Bhat, Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Outcomes and Risk Factors for Re-Intervention in Children Undergoing Right Ventricle Decompression for Pulmonary Atresia Intact Ventricular Septum: Results From a Multi-Center Collaborative

Christopher J. Petit, Andrew Glatz, Athar Qureshi, Shiraz Maskatia, Ritu Sachdeva, George Nicholson, Namrita Mozumdar, Henri Justino, Wendy Whiteside, Lindsay Rogers, David Goldberg, Courtney McCracken, Michael Kelleman, Bryan Goldstein, Emory University School of Medicine, Atlanta, GA, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Brent M. Gordon

ACC Poster Moderator: Joshua Kanter

Congenital Heart Disease - Scientific Session

Session #767

What to Do With a String of Pearls, and Other Coronary Conundrums

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S403

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Julie Brothers

Co-Chair: Michael E. Mitchell

Panelist: Robert W. Battle

Panelist: Michelle Grenier

Panelist: Silvana Molossi

2:00 p.m.

Case Presentation: Kawasaki Disease

Jennifer Davenport

Albuquerque, NM

2:05 p.m.

Panel Discussion and Voting

2:22 p.m.

Case Presentation: Coronary Complications After Transposition Surgery

Jacqueline Weinberg

Pittsburgh, PA

2:27 p.m.

Panel Discussion and Voting

2:44 p.m.

Case Presentation: Anomalous Origin Coronary Artery

Elena Grant

Atlanta, GA

2:49 p.m.

Panel Discussion and Voting

3:07 p.m.

Case Presentation: Premature Atherosclerosis in Children

Keri M. Shafer

Brookline, MA

3:12 p.m.

Panel Discussion and Voting