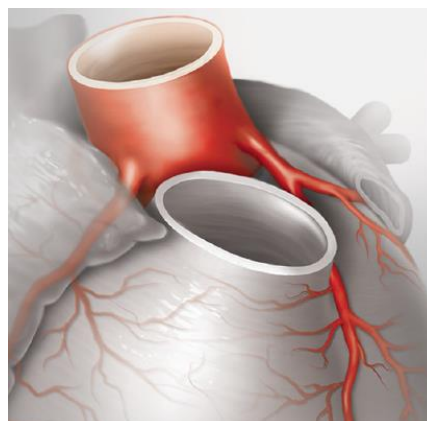


5th Symposium on Coronary Artery Anomalies 2022

Texas Children's Hospital / Baylor College of Medicine

December, 2022, Houston TX



THURSDAY DECEMBER 1st, 2022

Current Perspectives in Coronary Anomalies

Moderators: Ziyad Binsalamah and Julie Brothers

- 13:00 – 13:05 Welcome Remarks – Daniel J. Penny
- 13:05 – 13:20 Does Screening Really Save Lives? – Paul D. Thompson
- 13:20 – 13:35 Evolution of AAOCA: Lessons Learnt from the US CHSS Registry – Julie A. Brothers and Anusha Jegatheeswaran
- 13:35 – 13:50 The European Registry in AAOCA – Massimo Padalino
- 13:50 – 14:05 Surgery and AAOCA Outcomes – True Relation or Mere Coincidence? – Carlos M. Mery
- 14:05 – 14:15 Questions

Engaging in Collaborative Research

Moderators: Jane W. Newburger and Silvana Molossi

- 14:15 – 14:30 Lessons Learnt from Collaborative Research – Jane W. Newburger
- 14:30 – 14:45 Gathering Data in a Clinical Program – Dana L. Reaves-O'Neal
- 14:45 – 15:00 Applying Analytical Models to Clinical Questions – Craig Rusin
- 15:00 – 15:15 3D Physics-based modeling of AAOCA: Towards Risk Stratification Through High-Performance Computation – Charles Puelz
- 15:15 – 15:30 Addressing Dynamic vs Fixed Obstruction in AAOCA – Christoph Gräni
- 15:30 – 15:45 Experimental Physical Modeling in AAOCA – Rajesh Krishnamurthy
- 15:45 – 16:00 Questions

16:00 – 16:15 Break

Keynote Lecture

Moderator: Silvana Molossi

- 16:15 – 17:00 Anatomic Features Leading to Sudden Death in AAOCA: Has the Landscape Changed? – Cristina Basso

Living With AAOCA

Moderators: Dana Reaves-O'Neal and Carlos Mery

- 17:00 – 17:15 Shared Decision-Making – How to Live On – Silvana Molossi and Julie A. Brothers
- 17:15 – 17:30 The Burden of Unknowns – Alexandra Lamari-Fisher
- 17:30 – 17:45 Supporting the Patient and Family – Kelly Medeiros and Alexandra Lamari-Fisher

11/04/2022

5th Symposium on Coronary Artery Anomalies 2022

Texas Children's Hospital / Baylor College of Medicine

December, 2022, Houston TX

17:45 – 18:00 CARE Collaborative – Initial Results of PCORI Engagement Award – Carlos M. Mery
18:00 – 18:15 Engaging the AAOCA Community – Michelle Garrison
18:15 – 18:30 Open Discussion

18:30 – 20:30 Reception

FRIDAY DECEMBER 2nd, 2022

07:00 - 08:00 Breakfast

Interarterial AAOCA – Evaluation and Decision-Making

Moderators: Julie Brothers and Athar Qureshi

08:00 – 08:15 Clinical Presentation and Diagnosis – Julie A. Brothers
08:15 – 08:30 Advanced Diagnostic Imaging – Marcos Ferreira Botelho
08:30 – 08:45 Exercise Stress Testing and Nuclear Imaging – Tam T. Doan
08:45 – 09:00 Stress Cardiac MRI – Shagun Sachdeva
09:00 – 09:15 Invasive Diagnostic Approach in the Young – Athar Qureshi
09:15 – 09:30 Invasive Diagnostic Approach in the Adult – Joanna Ghobrial
09:30 – 09:45 Decision-Making in the Young – Silvana Molossi
09:45 – 10:00 Decision-Making in the Adult – Paolo Angelini
10:00 - 10:15 Questions

10:15 – 10:45 Break

Interarterial AAOCA – Management and Outcomes

Moderators: Ziyad Binsalamah and Silvana Molossi

10:45 – 11:00 Newest Insights from CMR Findings and Implications on Management – Massimo Padalino
11:00 – 11:15 Surgical Approach – Unroofing – Carlos M. Mery
11:15 – 11:30 Surgical Approach – Reimplantation and Other Techniques – Ziyad Binsalamah
11:30 – 11:45 Exercise Activity and Long-Term Management – Julie A. Brothers and Silvana Molossi
11:45 – 12:00 Outcomes in AAOCA – Anusha Jegatheeswaran
12:00 – 12:15 Case Discussion – Thomas Das
12:15 – 12:30 Questions

12:30 – 13:30 Lunch

Intraseptal AAOCA

Moderators: Tam Doan and Hani Najm

13:30 – 13:45 Anatomy on Advanced Imaging – Prakash Masand
13:45 – 14:00 Evaluation of Myocardial Ischemia – Tam T. Doan
14:00 – 14:15 Invasive Assessment of Coronary Flow – Lindsey Eilers
14:15 – 14:30 Surgical Approach – Hani Najm
14:30 – 14:45 Medical Management: Is There a Role? – Silvana Molossi
14:45 – 15:00 Case Discussion – Ziyad Binsalamah

Myocardial Bridge

Moderators: Lindsay Eilers and Ziyad Binsalamah

14:30 – 14:45 Clinical Evaluation and Advanced Imaging – Shagun Sachdeva
14:45 – 15:00 Invasive Diagnostic Approach at TCH – Srinath Gowda

5th Symposium on Coronary Artery Anomalies 2022

Texas Children's Hospital / Baylor College of Medicine

December, 2022, Houston TX

15:00 – 15:15 Invasive Diagnostic Approach at Stanford – Lynn Peng
15:15 – 15:30 Surgical Intervention – Jeffrey Heinle
15:30 – 15:45 Outcomes in the Young – Carlos Bonilla-Ramirez
15:45 – 16:00 Questions

16:00 – 16:15 Break

Challenging Case Discussion

Moderators: Tam Doan and Jane W. Newburger

16:15 – 16:30 Myocardial Bridge – Tam Dan Pham
16:30 – 16:45 Hypoplastic Coronary Artery – Sanket Shah
16:45 – 17:00 Interarterial AAOCA in the Young – Luis Quinonez
10:00 – 17:15 Interarterial AAOCA in the Adult – Stephen Dolgner
17:15 – 17:30 Discussion

17:30 **Closing Remarks**

Program Directors

Silvana Molossi, MD, PhD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Ziyad Binsalamah, MD, MSc, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Planning Committee

Carlos M. Mery, MD, MPH, Dell Children's Medical center, University of Texas at Austin, Austin, TX

Julie A. Brothers, MD, Children's Hospital of Philadelphia, University of Pennsylvania, Philadelphia, PA

Dana Reaves-O'Neal, APRN, CPNP AC/PC

Faculty

Paolo Angelini, MD, Texas Heart Institute, Houston, TX

Cristina Basso, MD, PhD, University of Padua, Padua, Italy

Carlos Bonilla-Ramirez, MD, Cincinnati Children's Medical Center, Cincinnati, OH

Thomas Das, MD, Cleveland Clinic Foundation, Cleveland, OH

Tam T. Doan, MD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Stephen Dolgner, MD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Lindsey Eilers, MD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Michelle Garrison, MAFM, National Coronary Anomalies Foundation, Houston, TX

Joanna Ghobrial, MD, MSc, Cleveland Clinic Foundation, Cleveland, OH

Srinath Gowda, MD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Christoph Gräni, MD, PhD, Inselspital, University of Bern, Switzerland

Jeffrey Heinle, MD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Anusha Jegatheeswaran, MD, PhD, Great Ormond Stresst Hospital For Children, London, United Kingdom

Rajesh Krishnamurthy, MD, Nationwide children's Hospital, Columbus, OH

Alexandra Lamari-Fisher, PhD, Dell Children's Medical center, University of Texas at Austin, Austin, TX

Prakash Masand, MD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Kelly Medeiros, National Coronary Anomalies Foundation, Philadelphia, PA

Hani Najm, MD, Cleveland Clinic Foundation, Cleveland, OH

Jane W. Newburger, Boston Children's Hospital, Harvard Medical School, Boston, MA

Massimo Padalino, MD, PhD, University of Padua, Padua, Italy

11/04/2022

5th Symposium on Coronary Artery Anomalies 2022

Texas Children's Hospital / Baylor College of Medicine

December, 2022, Houston TX

Lynn Peng, MD, Stanford Medicine Children's Health, Stanford University, Palo Alto, CA

Tam Dan Pham, MD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Charles Puelz, PhD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Luis Quinonez, Boston Children's Hospital, Harvard Medical School, Boston, MA

Athar Qureshi, MD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Craig Rusin, PhD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Shagun Sachdeva, MD, Texas Children's Hospital, Baylor College of Medicine, Houston, TX

Sanket Shah, MD, Children's Mercy Hospital, Kansas City, KS

Paul D. Thompson, MD, Hartford Hospital/Emeritus, University of Connecticut, CT