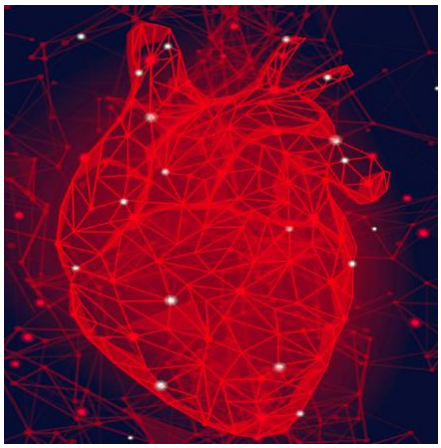
7th Symposium on Coronary Artery Anomalies 2026

Texas Children's Hospital / Baylor College of Medicine
December 3rd & 4th, 2026, Houston TX



CORONARY ANOMALIES ACROSS THE LIFESPAN

THURSDAY DECEMBER 3rd, 2026

UNDERSTANDING ISCHEMIA, IMAGING AND RISK STRATIFICATION

07:00 – 08:00	Registration & Breakfast
08:00 – 08:10	Welcome Address – Lara Shekerdemian & Daniel J. Penny
08:10 – 08:15	Opening Remarks – Silvana Molossi & Javier Brenes
	Overview of Coronary Artery Anomalies (CAA) – From Infancy to Adulthood
	Moderators: Dana L. Reaves-O'Neal & Javier Brenes
08:15 – 08:30	AAOCA in the Young Patient – Jane W. Newburger
08:30 – 08:45	AAOCA in the Adult Patient – Joanna Ghobrial
08:45 – 09:00	Update on Coronary Artery Fistulae – Srinath T. Gowda
09:00 – 09:15	Myocardial Bridge Across All Ages – Jonathan H. Kim
09:15 – 09:30	CAA in Congenital Heart Disease: From Abnormal Coronaries to Complications – Stephen J. Dolgner
09:30 – 09:45	Questions / Discussion
	Keynote Lecture
09:50 – 09:55	Introduction: Silvana Molossi
09:55 – 10:20	Sports and Exercise in Coronary Artery Anomalies (CAA): The Fine Balance Between Performance and Myocardial Ischemia – Bradley Petek
10:20 – 10:30	Questions / Discussion
10:30 – 11:00	Educational Break
	Myocardial Injury Detection and Risk Assessment
	Moderators: Shagun Sachdeva & Tam T. Doan
11:00 – 11:15	Role of CMR in Assessment of Myocardial Perfusion in CAA – Tam T. Doan
11:15 – 11:30	LGE and Risk Stratification in Sports – Matthew W. Martinez
11:30 – 11:45	Microvascular Coronary Insufficiency in CAA: How to Diagnose and Address – Valeria Duarte
11:45 – 12:00	Shared Decision-Making and Engaging in Exercise in CAA – Aaron L. Baggish
12:00 – 12:15	Saving Lives: Emergency Action Plans in the Community – Tam Dan "Tina" Pham
12:15 – 12:30	Questions / Discussion

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12:30 – 13:15 Lunch & Educational Break

From Computational Modeling to Digital Twin: New technologies in AAOCA
Moderators: Charles Puelz & Anthony Chang

13:15 – 13:30 AI Relevance in AAOCA: Extending the Boundaries – Anthony Chang
13:30 – 13:45 Computational Modeling in AAOCA: Expanding Risk Stratification – Mauro Lo Rito
13:45 – 14:00 Physical-Based Models to Digital Twin in AAOCA – Charles Puelz
14:00 – 14:15 Statistical Modeling to Help Determine High Risk in AAOCA – David Puelz
14:15 – 14:30 Diffeomorphic Shape Analysis for Risk Stratification in AAOCA – Nicholas Charon
14:30 – 14:45 Questions / Discussion

Noninvasive Approach: From Imaging to Functional Assessment in CAA
Moderators: Prakash Masand & Kyle Costenbader

14:45 – 15:00 Morphologic Features in AAOCA – Rajesh Krishnamurthy
15:00 – 15:15 CT-FFR: Is There a Role in CAA? – Srikanth Koneru
15:15 – 15:30 Advances in SPECT/PET Imaging – Bruno B. Lima
15:30 – 15:45 Stress CMR in the Young: Lessons Learned – Shagun Sachdeva
15:45 – 16:00 Balancing acquired ACAD and AAOCA in the Adult: Assessment of Ischemia – Bruno B. Lima
16:00 – 16:15 Questions / Discussion

16:15 – 16:45 Educational Break

Invasive Approach: From Imaging to Functional Assessment in CAA
Moderators: Srinath T. Gowda & Lindsay F. Eilers

16:45 – 17:00 How Invasive Imaging Can Add to Understanding AAOCA – Joanna Ghobrial
17:00 – 17:15 Intracoronary Flow Assessment in the Young: Pearls and Pitfalls – Athar M. Qureshi
17:15 – 17:30 Risk Stratifying Interarterial L-AAOCA: Is This the Way to Go? – Ryan Callahan
17:30 – 17:45 IVUS in the Assessment of AAOCA and Myocardial Bridge – Lindsay F. Eilers
17:45 – 18:00 Addressing Invasive Functional Assessment in the Adult: AAOCA and Beyond – Mahboob Alam
18:00 – 18:15 Approaching Myocardial Bridge in the Adult for Management Decisions – Vedant Pargaonkar
18:15 – 18:30 Questions / Discussion

Debate: LAD Myocardial Bridge Following SCA Should Undergo Surgery Without Genetic Testing
Moderator: Matthew W. Martinez

18:35 – 18:45 Pro – Eugene Chung
18:45 – 18:55 Con – Tam Dan "Tina" Pham
18:55 – 19:00 Pro – Rebuttal
19:00 – 19:05 Con – Rebuttal
19:05 – 19:15 Questions / Discussion

19:15 – 21:00 Reception & Educational Break

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FRIDAY DECEMBER 4th, 2026

FROM RISK STRATIFICATION TO MANAGEMENT DECISIONS

07:00 - 08:00 Breakfast & Educational Break

Professor Paolo Angelini Memorial Lecture II

08:00 – 08:10 Introduction – Silvana Molossi
08:10 – 08:50 Beyond Today's Risk Stratification: Building the Future of Predictive and Personalized AAOCA Care – Mauro Lo Rito

Management Decision Making in AAOCA

Moderators: Valeria Duarte & Stephen J. Dolgner

09:00 – 09:15 Coronary Artery Anomalies Programs: Beyond Standardizing Care – June Schellhaas
09:15 – 09:30 Multidisciplinary Collaborative Efforts in AAOCA – Carlos M. Mery
09:30 – 09:45 Crossing Boundaries Between Low- and High-Risk Lesions: Counseling and Management Decisions – Jane W. Newburger
09:45 – 10:00 Efforts in Coming Together Across the Life Span – Tara Karamlou
10:00 – 10:15 AAOCA Management in the Adult: Crossover with ACAD – Stephen J. Dolgner
10:15 – 10:30 Questions / Discussion

10:30 – 11:00 Educational Break

Interventional Strategies in AAOCA

Moderators: Jeffrey S. Heinle & Tara Karamlou

11:00 – 11:15 Surgical Repair in Interarterial AAOCA – Carlos M. Mery
11:15 – 11:30 Surgical Repair in Intraseptal AAOCA – Yishay Orr
11:30 – 11:45 Surgical Approach to Other CAA Subtypes and Myocardial Bridge – Javier Brenes
11:45 – 12:00 Surgical Approach to AAOCA Repair in the Adult – Andrea Quarti
12:00 – 12:15 Coronary Artery Stenting: Is It Reasonable in Certain AAOCA Patients? – Jose G. Diez
12:15 – 12:30 Questions / Discussion

Debate: Should ICD Be Placed in AAOCA Patients Following SCA?

Moderator: Jeffrey J. Kim

12:30 – 12:40 Pro – Eugene Chung
12:40 – 12: 50 Con – Tam Dan "Tina" Pham
12:50 – 12:55 Pro - Rebuttal
12:55 – 13:00 Con - Rebuttal

13:00 – 13:45 Lunch & Educational Break

Coronary Artery Complications Following Repair

Moderators: Carlos M. Mery & Javier Brenes

13:45 – 14:00 Complications Following AAOCA Repair – Javier Brenes
14:00 – 14:15 Complications Following Other Coronary Arteries Repair – Jeffrey S. Heinle
14:15 – 14:30 Coronary Artery Bypass Grafting in the Young: What Are the Options? – Andrea Quarti
14:30 – 14:45 Coronary Artery Bypass Grafting in the Young: Outcomes and Long-term Surveillance – Yishay Orr
14:45 – 15:00 Questions / Discussion

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	Panel Roundtable Discussion:
	Residual Perfusion Defect/Myocardial Scar, Statins, Coronary Insufficiency, Genetic Testing, Long-term Follow Up, Exercise Engagement
	Moderator: Silvana Molossi
15:00 – 15:30	Panel: Jane W. Newburger, Shagun Sachdeva, Stephen J. Dolgner, Valeria Duarte, Matthew W. Martinez, Bradley Petek
15:30 – 15:45	Questions / Discussion
15:45 – 16:15	Educational Break
	Challenging Case Discussion & Interactive Audience Participation
	Moderators: Shagun Sachdeva & Tam T. Doan
16:15 – 16:30	Interarterial L-AAOCA – Ryan Callahan
16:30 – 16:45	Interarterial R-AAOCA with SCA – Victoria Segal
16:45 – 17:00	Coronary Stenosis Following AAOCA Repair – Carlos M. Mery
17:00 – 17:15	Coronary Stenosis Following CHD Repair – Matias Cattani
17:15 – 17:30	Coronary Complication with Myocardial Ischemia – Asra Khan
17:30 – 17:45	Questions / Discussion
	Abstract Awards & Closing Remarks
17:45 – 17:55	Abstract Awards – Lindsay F. Eilers
17:55 – 18:00	Closing Remarks – Silvana Molossi

Faculty

Mahboob Alam, Baylor St. Luke's Medical Center
Aaron L. Baggish, University of Lausanne, Switzerland
Javier Brenes, Texas Children's Hospital, Baylor College of Medicine
Ryan Callahan, Children's Hospital of Philadelphia, University of Pennsylvania
Matias Cattani, Baylor College of Medicine
Anthony Chang, Children's Hospital of Orange County
Eugene Chung, Massachusetts General Hospital, Harvard Medical School
Nicholas Charon, University of Houston
Kyle Costenbader, Texas Children's Hospital, Baylor College of Medicine
Jose G. Diez, Baylor St. Luke's Medical Center
Tam T. Doan, Texas Children's Hospital, Baylor College of Medicine
Stephen J. Dolgner, Texas Children's Hospital, Baylor College of Medicine
Valeria Duarte, Houston Methodist Hospital
Lindsay F. Eilers, Texas Children's Hospital, Baylor College of Medicine
Joanna Ghobrial, Cleveland Clinic Foundation
Srinath T. Gowda, Texas Children's Hospital, Baylor College of Medicine
Jeffrey S. Heinle, Texas Children's Hospital, Baylor College of Medicine
Tara Karamlou, Cleveland Clinic Foundation
Asra Khan, Texas Children's Hospital, Baylor College of Medicine
Jeffrey J. Kim, Texas Children's Hospital, Baylor College of Medicine

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Jonathan H. Kim, Emory University School of Medicine
Srikanth Koneru, Baylor St. Luke's Medical Center
Rajesh Krishnamurthy, Nationwide Children's Hospital
Bruno B. Lima, Vanderbilt University Medical Center
Mauro Lo Rito, Policlinico San Donato, Milan, Italy
Matthew W. Martinez, Mayo Clinic
Prakash Masand, Texas Children's Hospital, Baylor College of Medicine
Carlos M. Mery, Vanderbilt University Medical Center
Silvana Molossi, Texas Children's Hospital, Baylor College of Medicine
Jane W. Newburger, Boston Children's Hospital, Harvard Medical School
Yishay Orr, Vanderbilt University Medical Center
Bradley Petek, University of Washington
Daniel J. Penny, Texas Children's Hospital, Baylor College of Medicine
Vedant Pargaonkar, Stanford University
Tam Dan "Tina" Pham, Texas Children's Hospital, Baylor College of Medicine
Charles Puelz, University of Houston, Baylor College of Medicine
David Puelz, The University of Austin
Andrea Quarti, Houston Methodist Hospital and Texas Children's Hospital
Athar M. Qureshi, Texas Children's Hospital, Baylor College of Medicine
Dana L. Reaves-O'Neal, Texas Children's Hospital, Baylor College of Medicine
Shagun Sachdeva, Texas Children's Hospital, Baylor College of Medicine
June Schellhaas, Texas Children's Hospital, Baylor College of Medicine
Victoria Segal, Baylor College of Medicine
Lara Shekerdemian, Texas Children's Hospital, Baylor College of Medicine