

# CARDIOLOGY 2026

FEB. 25 – MARCH 1, 2026  
29th Annual Update on Pediatric and  
Congenital Cardiovascular Disease

## TOGETHER!

Join us at Cardiology 2026 to  
restore your mind and body,  
reconnect with colleagues  
and reignite your passion for  
our fast-paced and continuously  
developing field!

Grand Hyatt Scottsdale  
Resort, Arizona



# CONFERENCE PROGRAM

## WEDNESDAY, FEB. 25

### PRE-CONFERENCE SYMPOSIUMS

7:30 A.M. – 3 P.M.

#### Nursing Pre-Conference Symposium

- Congenital Heart Disease and Its Postoperative Management: A Master Class for Nurses, APPs and Front-line Providers

9 A.M. – 3 P.M.

#### Fetal Cardiovascular Pre-Conference Symposium

- Symposium on State-of-the Art Fetal Diagnosis and Treatment: Heart Care Before Birth



### 4 – 6:15 P.M. • PLENARY SESSION I

#### Opening Comments: All TOGETHER!

- Leading in the Current Environment to Advance Pediatric Healthcare: Thriving in Adversity, Navigating in Uncertainty
- Partnering with Industry to Improve Congenital Heart Care
- Effectively Changing the Landscape with Impact: The Constructive Role of Philanthropy
- Where Science and Clinical Care Intersect in Congenital Heart Disease: The Priorities
- Prematurity and Adult Health — Does When You Were Born Influence Lifelong Health? Preterm Birth and the Long Term Impact on the Heart
- On Dissonance and Ambiguity When the Organs Are Not Together: Creating Clarity in the Language of Heterotaxia
- A Key Partner: Attention to Mental Health Concerns Is Essential in Congenital Heart Disease
- A Key Partner: Family Partnerships Are Essential in Congenital Heart Disease Outcomes
- What We Value and How We Make Choices — The Neuroscience of Decision Making and Collaboration



### GALA OPENING RECEPTION OUTDOORS

6:30 – 8:30 P.M. • Great food and drinks and the opportunity to connect with colleagues and friends

## THURSDAY, FEB. 26

### 7 – 8 A.M. • SUNRISE SESSIONS

#### Breakfast & Early Morning Topics:

- Let's read the ECGs! A workshop on how to analyze the electrocardiogram
- The Curious Relationship of Double Outlet Right Ventricle – Interesting Cases, Lessons Learned

### 8 – 10 A.M. • PLENARY SESSION II

#### Advocacy in Pediatric & Congenital Cardiovascular Disease: How to Achieve our Goals in a Changing Society

- How to Deal with the Current Trends in Anti-science?
- Institutional Efforts in Support of Pediatric Care: What Leaders of Children's Hospitals Can Do
- How to Make a Difference: Focusing on Good Policy Creation for Pediatric and Congenital Cardiovascular Disease Care
- The Role of Professional Organizations
- The Unique Role of Learning Networks
- Patient-Family Integration into the Advocacy Effort
- Providing Meaningful Experiences for the Child with CHD and Their Family: The-Make-a-Wish Foundation
- Global Opportunities and Challenges in Advocating for Pediatric and Congenital Cardiovascular Disease

### 10 – 11 A.M. POSTER SESSION 1 AND VISIT EXHIBITS

### 11 A.M. – 1 P.M. • BREAKOUT SESSIONS

#### The Right and Left Ventricles: Independent or Codependant Chambers?

- The Fundamental Structural Differences Between the Right and Left Ventricles — Their Similarities and Differences in Embryology, Anatomy, Mechanics and Function
- The compromised RV in the fetus: Manifestations and clinical characterization
- How to Conceptualize the Biology and Manage Right-sided Heart Failure vs Left-sided Heart Failure
- Does the RV Faced with Systemic Duties Fail Because It's "just a darn RV," or is it Something More Complicated? The Uniqueness of the RV in Health and Disease
- Ventricular-ventricle Interactions in CHD: MRI Perspectives
- How Does a Failing RV Impact the LV Clinically?
- Case Presentations and Discussion: When the Right Heart is Driving the Disease (30 mins.)

*continued >*

# CONFERENCE PROGRAM

THURSDAY, FEB. 26 *continued*

## 11 A.M. – 1 P.M. • BREAKOUT SESSIONS

### Image-Derived Modeling, Visualization and Computational Simulation in CHD

- Clinical Indications and Applications — In What Conditions Does This Potentially Play a Role?
- Modeling Program Development and Reimbursement: The Practical Aspects of Building a Program
- Applied Computational Flow Dynamics for Pre-Fontan Planning and Post-Fontan Complications
- New Techniques: Advances in Computational Fluid Dynamics and FSI (for Fontan and Biventricular Repair)
- Valve Modeling
- Practical Applications of 3D Printing
- How Can I Practically Use This Information? Case Examples
- Virtual Reality as a Tool for Teaching

### Lymphatics 2026

- The “Practical” and “Pragmatic” in Lymphatics Management in Pediatric and Congenital Cardiovascular Disease: A Case-based Approach

### Ambulatory and Population Cardiology

- Obesity and Social Determinants of Health in the Outpatient Setting
- How Well Are We Doing in the Outpatient Care of Common Congenital Heart Conditions?
- Predicting Freedom from Inter-Stage Mortality After Norwood Operation — Is It Possible?
- From Distress to Resilience: The Psychosocial Experiences of Young Adults with Congenital Heart Disease
- Cultural Considerations of CHD Management in Indigenous Populations
- Together: Creating Partnerships Between Pediatric Cardiologists and General Pediatric Community Providers
- Cardiovascular Aspects of Williams Syndrome: A New Perspective
- Quality, Data and Outcomes in a Congenital Heart Center
- Expanding the Use of CPET

### Nursing and Frontline Providers

- Transforming Care Together: Nursing Leadership and Evidence in Action

### Perfusion and Circulation Support

- Bypassing Difficulties to Get to the Next Level in Cardiopulmonary Bypass

## 1 – 2 P.M. • Lunch

Outdoor buffet lunch for all conference participants



## 2 – 3 P.M. • MODERATED PANEL

Experts Discuss: Shared Decision Making in Pediatric & Congenital Cardiovascular Disease — Group Panel Discussion with Lead Moderator

- Topic 1: ACHD Patient with Severe CHD Who Wants to Become Pregnant
- Topic 2: A Patient Who Strongly Desires to Do Sports in a High-risk Cardiovascular Condition
- Topic 3: A Heart Failure Patient Who Refuses VAD Support

## 3 – 4 P.M. • ORAL ABSTRACTS

Top 5 Abstracts as Oral Presentations

## 4 – 6:15 P.M. • PLENARY SESSION III

Updates on the Emerging Role of Artificial Intelligence in Pediatric & Congenital Cardiovascular Disease

- A Framework for Evaluating Generative AI in Healthcare
- Models for Utilization of AI in Cardiovascular Medicine
- Machine Learning in Predicting Risk for Single Ventricle Heart Disease
- The ECG Through the Lens of AI: New Insights Into Predicting Disease
- Applications of AI in Congenital Heart Imaging
- Tracking and Predicting Postoperative Trajectories in Congenital Heart Disease
- Wearables for Remote Monitoring and Predictive Analytics: Where Are We Now and What Is the Future?
- Big Data in Clinical Research: Can We Find Solutions to Complex Problems?
- A Roundtable Panel Discussion on AI in Pediatric & Congenital Cardiovascular Disease (30 Mins.)

## 6:15 P.M. • ADJOURN



# CONFERENCE PROGRAM

## FRIDAY, FEB. 27

### 7 – 8 A.M. • SUNRISE SESSIONS

#### Breakfast & Early Morning Topics:

- Will this Condition End Up as a One- or Two-ventricle System?...and Other Dilemmas
- Cardiac Intensive Care: Challenging Cases and Lessons Learned

### 8 – 10 A.M. • PLENARY SESSION IV

#### Precision Medicine: Individualized Care Across Conditions and the Lifespan

- Precision Medicine in Predicting Outcomes: The Unmeasured Factors
- Genetics and Cardiomyopathy: Improving Our Understanding and Targeting Our Management
- Social Determinants and Defining Individualized Outcomes in Pediatric Cardiovascular Health
- Targeted Innovations in Transcatheter Interventions: For the Right Patient, a Catheter-based Strategy Can Fix It!
- Living Valve Transplant: Who Exactly are the Candidates?
- Pulmonary Vein Stenosis: The Exact Treatment for the Precise Condition at Hand
- Tissue-engineered Fontan Grafts: How Close Are We to Individualizing the Pathway?
- What Do We Need to Learn to Achieve the Goal of Precise Individualized Care for the Adult with Fontan Circulation?

### 10 – 11 A.M. POSTER SESSION 2 AND VISIT EXHIBITS

### 11 A.M. – 1 P.M. • BREAKOUT SESSIONS

#### "Fontanology" – Biology, Translational, and Clinical Research in Single-Ventricle and the Fontan Circulation – Annual Robert & Dolores Harrington Session

- How Are We Doing After Stage 2 Glenn and Its Influence on Fontan Outcomes?
- Myocardial Mechanics in Single Ventricle Heart Disease: Can This Help Predict Morbidity and Mortality?
- Novel Waveform Analysis May Allow for Measurement of Peripheral Venous Congestion
- What Forms of Exercise Are Best? And What Kind of Impact Are We Looking for in the Fontan Circulation?
- Yes, We Know What It Looks Like, but How Is It Working? Novel Methods to Evaluating Hepatic Function in the Fontan Circulation
- Updates on Biological Aspects of Liver Fibrosis in the Fontan Circulation
- "Omics" in the Fontan Circulation: What Can We Learn?
- Biological Dysregulation and Its Impact on a Fontan Circulation: Altered Glucose Metabolism

#### The Business of Pediatric Cardiology

- The Pediatric/Congenital Cardiac Service Line Model – Structure and Function
- Are We Tracking the Correct Metrics?
- Together: Aligning Institutions - Barriers and Benefits
- Regionalization of Congenital Heart Care: Is It the Correct Thing to Do? Is It Possible?
- Leading with Heart: Establishing Foundations for Pediatric Healthcare – A CEO Experience
- Leading with Heart: Creating the Future for Pediatric Healthcare – An Incoming CEO Perspective
- Bringing Together the Academic Mission and Business Aspects of Congenital Heart Care
- Rankings and Public Reporting: Mandatory or Magical Thinking? Panel Discussion

#### Acute Care – Inpatient Cardiology Learning: Case Presentations and Scenarios – Group Discussion

- Group Panel Discussion

#### The Coronary Arteries in Congenital Heart Disease

- Coronary Artery Imaging and Functional Assessment Utilizing MRI
- The Spectrum of Coronary Anatomy in Structural Congenital Heart Disease
- Invasive Imaging of Coronary Arteries: Seeing Things in a New Light!
- Congenital Coronary Anomalies: State-of-the-Art Management in 2026
- Strategies and Techniques for Surgical Treatment of Coronary Abnormalities
- How to Care for Your Coronaries Early in Life! Lifestyle and Prevention of Atherosclerotic Coronary Artery Disease
- Characterizing Coronary Flow in Precarious Conditions
- Cardiovascular Aspects of Williams Syndrome: A New Perspective

#### Nursing Topics and Frontline Providers

- Together in Innovation and Discovery: Showcasing Top Nursing Oral Abstracts

#### Topics in Perfusion and Circulatory Support

- Supporting Each Other to Get to New Tops of ECMO

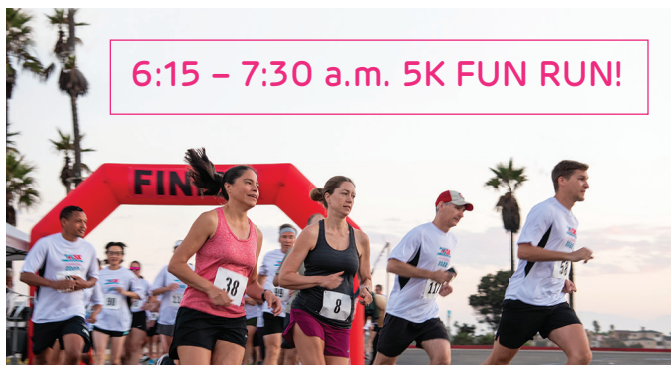
### AFTER 1 P.M. • FREE

Take some free time to explore and enjoy Scottsdale, participate in a pickleball clinic and tournament, or engage in satellite events.



# CONFERENCE PROGRAM

SATURDAY, FEB. 28



## 8 – 10 A.M. • PLENARY SESSION V

### Featured Lectures

- Thomas L. Spray Lecture in Pediatric & Congenital Cardiovascular Surgery
- William J. Rashkind Memorial Lecture in Pediatric Cardiology
- John J. Downes Jr. Lecture in Cardiac Anesthesia and Critical Care
- Robert J. Levy Lecture in Cardiovascular Basic and Translational Sciences
- Thomas Garrett Rauch Memorial Lecture in Nursing
- Announcement of Best Abstract Awards

10 – 11 A.M. POSTER SESSION 3  
AND VISIT EXHIBITS

## 11 A.M. – 1 P.M. • BREAKOUT SESSIONS

### Fetal Heart — All Together Now: The Prenatal Heart-Brain-Placenta-Maternal Health Axis

- Heart-Brain Axis in the Fetus with Congenital Heart Disease
- The Placenta and Genetics “Together”: Key Factors Influencing Clinical Outcomes in CHD
- Mitochondrial Dynamics and Glucose Metabolism: Early Keys to the Development of Congenital Heart Disease?
- Maternal Health Matters When There is a Fetal Anomaly: The MFM Influence on Fetal Heart Disease Management
- Can Details Surrounding Delivery Impact Outcomes for Congenital Heart Disease?
- Characterizing Placental Structure and Function and Its Impact on Fetal and Maternal Health
- What Do We Know About Environmental Toxins and Birth Defects?
- Monochorionic Pregnancy and Impact on the Fetal Cardiovascular System

### Cardiomyopathy, Myocarditis and Heart Transplantation in the Young

- Heart Transplant Allocation Policies and Their Impact on Pediatric and Adult Congenital Heart Disease: Who Deserves This Precious Resource?
- What Influences Outcomes in Heart Transplantation for Those with Fontan Circulation
- Arrhythmia and Cardiomyopathy — “Together”
- Updates on Friedrich’s Ataxia and Cardiomyopathy
- The Spectrum of Medical Therapy for Heart Failure in 2026
- Noonan Syndrome Therapies
- Role of VAD Support Prior to Heart Transplantation in Children
- Current Surveillance Strategies for Heart Transplant Rejection

### Updates in Cardiac Anesthesia and Critical Care

- The Heart and Lungs Together: Unique Cardiopulmonary Interactions in Critical Congenital Heart Care
- Just Before and Right After: Cardiac Arrest Prevention and Post-arrest Care
- Airway Management in the Cardiac ICU: The Simple and the Complex
- Human Factors that Impacts Cardiac Arrest and Prevention

### Topics in Surgical and Catheter-based Therapeutic Interventions 2026

- Stabilization Using Catheter-Based Pulmonary Flow Restriction in Infants with Single Ventricle Physiology and Beyond
- Challenges in Reconstruction: The Aortic Arch in HLHS and Norwood Procedure
- When the Inferior Vena Cava Is Interrupted: How Best to Approach Fontan Completion
- Xenotransplantation: Where Are We?
- What Kind of Support Do You Need? The Variable Strategies of VAD Support in Single Ventricle
- The Complexity of Pulmonary Atresia with Intact Ventricular Septum: Optimal Management Strategies
- The Yasui Operation: For Whom and How? All at Once or Staged?
- Virtual Surgical Planning: How Feasible?

### Leadership Roundtable

- Current and Emerging Leaders: Facing Challenges, Finding Solutions — A Group Panel Roundtable Dialogue

### For Nursing and Frontline Providers

- Challenging Cases with Collaborative Solutions

### Topics in Perfusion and Circulatory Support

- Trekking to the Top with Mechanical Circulatory Support

*continued >*



# CONFERENCE PROGRAM

## SATURDAY, FEB. 28 *continued*

### 1 – 2 P.M. • LUNCH & LEARN

Grab Your Lunch and Learn More in One of Three Sessions:

- Fellows and Fellowship Directors: Informal Gathering to Discuss Fellowship Training Matters
- Meet the Experts: Challenging Cases and Lessons Learned
- The Ins and Outs of Pacemaker Strategies

### 2 – 3 P.M. • MODERATED PANEL

- Important “Partners, Collaborators and Mentors” Who Have Contributed to My Career

### 3 – 5 P.M. • PLENARY SESSION VI

**Communication and Socialization in Pediatric and Congenital Heart Care**

- Principles of Prenatal Counseling in Fetal Congenital Heart Disease
- On Interpretations & Language: The Echocardiographer and Surgeon — Let’s Be Clear, Concise, Direct ... and Correct!
- Communicating on a Condition That Is “Different”: Creating Clarity in the Language of Heterotaxia
- Yes, I Am Going to Do That to the Heart: Creating Trust Between Patient and Surgeon
- The Experienced Bedside Nurse: Something Is Not Right — Who to Tell and How?
- Handoff Pitfalls and Pearls — A Tale of Transfer from OR to CICU, CICU to Acute Care, Acute Care to Ambulatory Cardiology — A Sequential Presentation
- Constructive Criticism — How to Give? How to Receive?
- Team Building and Leading With Empathy in the Critical Care Setting
- Social Media and Communication: The PediHeart Podcast Experience

### 5 – 6:15 P.M. • POSTER SESSION

Selected Abstract Posters Displayed with Expert “Professor” Rounds Moderators

Enjoy an evening of science and relaxation to close out the busy day of learning

### 6:15 P.M. • ADJOURN

## SUNDAY, MARCH 1

### 7 – 8 A.M. • SUNRISE SESSIONS

**Breakfast & Early Morning Topics:**

- Let’s Look at the Images: Interesting Cases, Lessons Learned
- Fetal Cardiovascular Conditions: Challenging Cases and Lessons Learned

**Nursing Breakfast Special Event**

- Together at The Table: Breakfast with Cardiac Nursing Leaders

### 8 A.M. – NOON • PLENARY SESSION VII

**The Practical and Pragmatic in Pediatric Cardiology: Here is How I Do It!**

- Cardiac Resynchronization Therapy Imaging — What Are We Looking For?
- Yes, This Patient Will Benefit from Cardiac Resynchronization — Here Is How I Do It
- Decide if I Can Preserve This Pulmonary Valve at the Time of Surgical Repair of TOF
- When and How to Decide if a Pulmonary Valve Is Necessary in My Patient with Repaired TOF and Pulmonary Insufficiency
- How to Choose Which Device and Technique to Use to Implant a Pulmonary Valve
- Decide What to Do for My Patient with CC-TGA
- Use Pressure Volume Loops to Determine if This Ventricle Is Viable
- Decide If and When to Operate on a Vascular Ring
- Provide Surveillance for My Pre-Adolescent with a Fontan Circulation
- Manage the Newborn Who Was Identified as Having Heart Block in Utero
- Surgically Close a Small VSD
- Evaluate the Dilated Aorta
- Characterize Ventricular Performance Using Echocardiography
- Diagnose and Manage Coronary Artery Abnormalities in Kawasaki Disease

### NOON • ADJOURN

*See you next year in Orlando, Florida!*



© 2025 The Children’s Hospital of Philadelphia. 25CARD256894/PDF/9-25