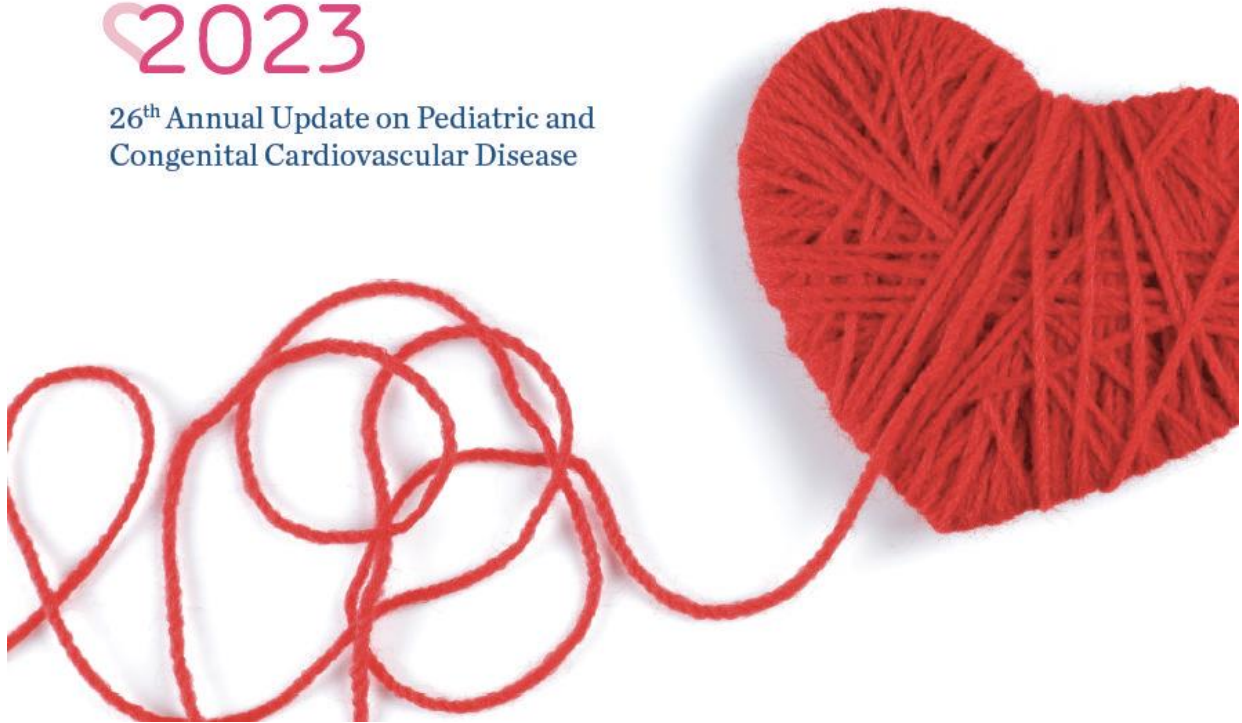


# CARDIOLOGY 2023

26<sup>th</sup> Annual Update on Pediatric and  
Congenital Cardiovascular Disease



*Save the Date for*

## CARDIOLOGY 2023

**FEB. 23 – 26, 2023**

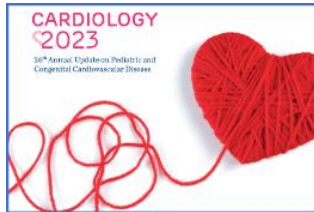
*26th Annual Update on Pediatric and  
Congenital Cardiovascular Disease*

***Puerto Rico!***

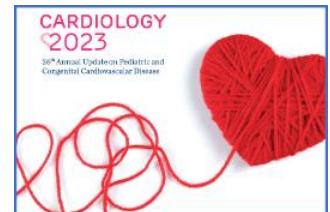
 **Children's Hospital  
of Philadelphia**  
Cardiac Center

We will meet in person at Wyndham Grand  
Río Mar Puerto Rico Golf and Beach Resort  
Río Grande, Puerto Rico



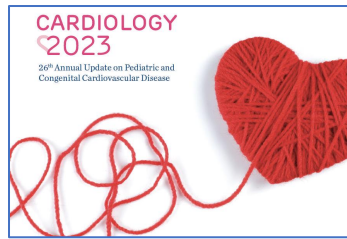


## PRELIMINARY PROGRAM AT-A-GLANCE



TIME	THU FEB 23	FRI FEB 24	SAT FEB 25	SUN FEB 26
7:00 AM	Registration: <b>"THE CIRCULATION: WHAT MAKES THE BLOOD GO 'ROUND IN PEDIATRIC &amp; CONGENITAL HEART DISEASE"</b>	SPONSORED BKFST SYMP	SPONSORED BKFST SYMP	SPONSORED BKFST SYMP
8:00 AM		PLENARY II	PLENARY IV	FEATURED SPEAKER PLENARY V
9:00 AM		BREAK/Posters	BREAK/Posters	BREAK/Posters
10:00 AM		BREAKOUTS 1, 2, 3	BREAKOUTS 4, 5, 6	BREAKOUTS 7, 8, 9
11:00 AM		CONFERENCE LUNCH	LUNCH (on own)	CONFERENCE LUNCH
12:00 PM		PANEL/CASES	FREE AFTERNOON: Visit San Juan, El Yunque Rain Forest	PANEL/CASES
1:00 PM		ORAL ABSTRACTS		PLENARY VI
4:00 PM	OPENING PLENARY I	PLENARY III		ADJOURN
5:00 PM	WELCOME RECEPTION	PANEL/CASES		
6:00 PM				
7:00 PM		INDUSTRY RECEPTION		
8:00 PM		FACULTY DINNER		
9:00 PM				

**Preliminary Program Agenda\***  
**CARDIOLOGY 2023: 26<sup>TH</sup> ANNUAL UPDATE ON**  
**PEDIATRIC & CONGENITAL CARDIOVASCULAR DISEASE**



**PLENARY SESSIONS:**

Session	Date/Time	Lecture Topic
<b><u>PLENARY SESSION I:</u></b> <b>THE CIRCULATORY SYSTEM – WHAT MAKES THE BLOOD GO ‘ROUND!’</b>	THU FEB 23 4-6 pm	Opening remarks and welcome to Puerto Rico!
		A history of discovery: Our evolution of understanding of the heart and circulation - from Harvey to today
		The fascinating journey from cell to organ system: Development of the cardiovascular system
		Myocardial structure and adaptation: transition from fetus to the mature adult heart
		From fetus to independence: The wonder of the circulatory transition
		Forcing the circulation and blood to go 'round: What is the future for mechanical circulatory support?
		The gateways of the circulation: How heart valves function and how best to understand them
		The principles of physics that impact congenital heart disease: Can we take advantage of nature and turn things in our favor?
		Figures and innovations that changed <u>our</u> world: Pioneers and discovery in congenital cardiovascular disease
		The heart and the arts...science and the humanities
<b>OPENING GALA RECEPTION</b>	THU FEB 23 6-9 PM	Meet & great old colleagues, socialize and make new friends! Drinks & Lite Fare
<b><u>PLENARY SESSION II:</u></b> <b>RIGHT SIDE OF THE HEART</b>	FRI FEB 25 8-10 AM	Biology, form, and function of the right ventricle
		Determining adequacy and viability of the right side of the heart in CHD
		Current strategies of repair for Tetralogy of Fallot
		The stressed right ventricle In repaired tetralogy of Fallot
		Catheter based strategies to creating valve competence on the right side of the heart
		The Terrors of the Right Side: Ebstein's anomaly and tricuspid valve dysplasia
		When the systemic ventricle is a morphological right ventricle

<b>PLENARY SESSION III: LEFT SIDE OF THE HEART</b>	FRI FEB 24 4-6 PM	Biology, form, and function of the left ventricle
		Determining adequacy and viability of the left ventricle
		Rehabilitating or “growing” the left ventricle: promises and pitfalls
		Aortic valve disease: indications for intervention and current strategies for therapy
		Novel strategies for treatment of mitral valve disease
		Coarctation of the aorta: newborn condition with lifelong consequences
		The Aortopathies: How they manifest in the young and progress with time
<b>PLENARY SESSION IV: FEATURED SPEAKER SESSION</b>	SAT FEB 25 8-10 AM	Surgery – 1 <sup>ST</sup> Inaugural Thomas L. Spray Lecture
		Cardiology – William J Rashkind Lecture
		Critical Care/Anesthesia – John J. Downs Lecture
		Basic Cardiovascular Science Lecture
		Nursing – Rauch Lecture
		Best Oral Abstracts Award Winners
<b>PLENARY SESSION V: THE PULMONARY CIRCULATION IN PEDIATRIC &amp; CONGENITAL HEART DISEASE</b>	SUN FEB 26 8-10 AM	Biology, form and function of the pulmonary vasculature
		The clinical spectrum of pulmonary arterial hypertension: Who has it? Is it the same disease in all?
		Bench to bedside: The radically altered landscape of treatment for pulmonary arterial hypertension
		State of the art treatment of a patent ductus arteriosus in the premature infant
		How best to augment pulmonary blood flow in the newborn with congenital obstruction?
		Surgical approach to pulmonary vein disease
		Is pulmonary vein stenosis a treatable disease?
<b>PLENARY VI: BATTLING AGAINST NATURE— SUSTAINING A SINGLE VENTRICLE CIRCULATION THROUGHOUT THE LIFESPAN</b>	SUN FEB 26 3-5 PM	Prenatal life with single ventricle: Is this a missed opportunity?
		Individualizing initial management for the newborn with HLHS
		The successful effort to reduce inter-stage mortality: How did we do this?
		Understanding the wide variability in outcomes for the individual with a Fontan circulation
		Hurdles and innovations in care for the challenged Fontan circulation
		Neurodevelopmental and mental health challenges in the SV patient
		Transplantation in single ventricle: timing and strategies for success
<b>PANEL OF EXPERTS CASES REVIEW 1</b>	FRI FEB 24 2-3 PM	Learn with the Experts! Presentations of unique case scenarios and discussion by panel of experts
<b>PANEL OF EXPERTS CASES REVIEW 2</b>	SUN FEB 26 2-3 PM	Learn with the Experts! Presentations of unique case scenarios and discussion by panel of experts

**BREAKOUT SESSION TOPICS**

Breakout sessions with in-depth review of topics will be held every day of the conference from 11 AM to 1 PM.

	SESSION TITLE	TOPICS TO BE COVERED
<b>BREAKOUT 1</b>	<b>Characterizing form &amp; function of the circulation</b>	State-of-the art utilization of our tools of assessment including echocardiography, exercise testing, cardiac catheterization, cardiac MRI, cardiac CT, and novel multimodality techniques
<b>BREAKOUT 2</b>	<b>Advanced cardiac therapies to support the failing circulation</b>	Mechanical circulatory support – for who, how and when? Latest technologies and strategies
<b>BREAKOUT 3</b>	<b>Nursing Breakout</b>	Oral presentation of top 8 Nursing abstracts
<b>BREAKOUT 4</b>	<b>The lymphatic circulation: Current understandings and novel treatments</b>	Update on latest techniques for diagnosis, imaging, and treatment of lymphatic disorders in the young
<b>BREAKOUT 5</b>	<b>The circulatory pump: Myocardial conditions affecting the circulation in the young</b>	Explore our current understandings of hypertrophic cardiomyopathy, dilated cardiomyopathy, cardiac tumors, systemic disease affecting the heart and myocardial conditions in the fetal heart
<b>BREAKOUT 6</b>	<b>Nursing Breakout</b>	Case-based discussion of CHD and management challenges
<b>BREAKOUT 7</b>	<b>Going outside of the circulation: Extrinsic factors impacting what makes the blood go round</b>	A discussion of topics outside of the circulatory system that impact general functionality and overall outcomes
<b>BREAKOUT 8</b>	<b>Nursing Breakout</b>	Cardiac Medications Review: Vasoactive Medications, Sedation/Pain Management, Heart Failure Management, Anticoagulation, Arrhythmia Management, Pulmonary Hypertension Management
<b>BREAKOUT 9</b>	<b>Congenital &amp; Pediatric Heart Disease in Latin America</b>	Spanish language session focused on challenges and issues of concern to the pediatric heart communities of Latin America

- All program elements including session topics and lecture titles are subject to change