

Pediatric Echocardiography Update 2025

*Echocardiographic Assessment of Pulmonary Hypertension:
From Neonate to Adult with Hands-on Scanning Workshop*

SATURDAY, APRIL 5, 2025

**11th Floor Conference Center, Lurie Children's
Agenda**

Time	Title	Speaker
7-8 AM	Breakfast/Posters/Welcome	Shivani Patel, MD & Stefani Samples, MD
8- 11:05 AM	Track 1: Neonatal Pulmonary Hypertension	Moderators: Amanda Hauck, MD, Nina Gotteiner, MD
8-8:20 AM	Hemodynamics of the Fetal Transition	Mishella Perez, RDMS
8:20- 8:40 AM	Pulmonary Hypertension in Premature Infants	Nicolas Porta, MD
8:40-9 AM	Echocardiographic Assessment of the Hemodynamically Significant Patent Ductus Arteriosus	Kelly Cox, MD
9-9:20 AM	The Relationship Between Bronchopulmonary Dysplasia & Pulmonary Hypertension	Stephanie Marshall, MD
9:20-9:40 AM	Pulmonary Vein Stenosis: From Diagnosis to Intervention	Matthew Cornicelli, MD
9:40 – 9:55 AM	Congenital Diaphragmatic Hernia: Echocardiographic Imaging	Sheena Mansukhani, MD
9:55 – 10:10 AM	Congenital Diaphragmatic Hernia: Echocardiographic interpretation and impact on clinical management	
10:10 – 10:50 AM	Keynote Address: The Evolution of Targeted Neonatal Echocardiography	Patrick McNamara, MD
10:50 – 11:05 AM	Neonatal Pulmonary Hypertension Discussion with Q&A	Track 1 Speakers Panel
11:05 – 11:20 AM	AM Break + Visit Posters	
11:20-12:35 PM	Track 2: Pulmonary Arterial Hypertension	Moderators: Pei-Ni Jone, MD Karna Murthy, MD
11:20-11:40 AM	Understanding Pulmonary Arterial Hypertension: A Comprehensive Overview	Keira Nassetta, MD
11:40-12 PM	Echocardiographic Assessment of Pulmonary Hypertension	Andrew Lawson, MD
12-12:20 PM	Pulmonary Arterial Hypertension Management: Latest Innovations and Treatments	Amanda Hauck, MD
12:20- 12:35 PM	Pulmonary Arterial Hypertension Discussion with Q&A and Patient Perspective	Track 2 Speakers Panel
12:35 – 1:15	Lunch/Posters	
1:15-3:35 PM	Track 3: Congenital Heart Disease (CHD)	Moderators: Andrew de Freitas, MD Angira Patel, MD
1:15-1:35 PM	Unrepaired CHD and Pulmonary Hypertension: Challenges and Management	Nazia Husain, MD
1:35-1:55 PM	Pulmonary Hypertension in Left-Sided CHD	Karen Carvalho, MD
1:55-2:15 PM	Single Ventricle Physiology and Pulmonary Hypertension	Bethan Lemley, MD
2:15-2:35 PM	PHTN in ACHD: The Role of Echocardiography in Diagnosis and Management	Anitra Rompf, MD
2:35-3:05 PM	Is It Pulmonary Hypertension or Something Else? - The Cardiologist's & Neonatologist's Perspective	Joyce Woo, MD Cassie Montoya, MD
3:05-3:20 PM	Congenital Heart Disease Discussion	Track 3 Speakers Panel
3:20-3:35 PM	Poster Winner Announcement/ PM Break	

3:35-4:35 PM	Stump the Experts: Interesting Cases in Pulmonary Hypertension - or - Hands-On Scanning Workshop	Moderators: Joseph Camarda, MD/Michael Carr, MD/Matt Cornicelli, MD Speakers –Julie Grozev, RDCS, Timi Stiscak, RDCS, Mishella Perez, RDCS, RDMS
4:35-4:40	Adjourn	
	Asynchronous Learning	
	Patent Ductus Arteriosus	
15 minutes	The PIVOTAL Trial: Echo Assessment and Implications for PDA Closure	Jen Acevedo, ACS
20 minutes	PDA Closure: Echo Guidance and Post-Closure Imaging Strategies	Justin Jin, MD
20 minutes	PDA in Congenital Heart Disease: Importance from Fetal to Postnatal	Michael Satzer, MD
	Imaging	
15 minutes	Tips and Tricks for Successful Echocardiography in Premature Infants	
10 minutes	Quantitative Assessment of RV Function: 3D Echocardiography	Cassie Polsen, RDCS
10 minutes	Quantitative Assessment of RV Function: Myocardial Strain Analysis & UEAs	Jarrett Linder, MD
10 minutes	Quantitative Assessment of RV Function: Cross-Sectional Imaging	Simon Lee, MD
	Clinical Scenarios	
15 minutes	Understanding Meconium Aspiration: The Role of Echocardiography in Management	Rachel Weinstein, MD
20 minutes	Integrating Echocardiography in the Management of Hypoxic Ischemic Encephalopathy and Neonatal Sepsis	Shawn Sen, MD
15 minutes	The Importance of Echocardiographic Assessment of PHTN in Trisomy 21 Without CHD	Edward (Teddy) Jones, MD
30 minutes	Postoperative Management of Pulmonary Hypertension After Congenital Heart Defect Repair	Karl Migally, MD

FACULTY

Course Directors and Program Coordinator Lurie Children's

Shivani Patel, MBBS, MS, FASE Course Director

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Senior Cardiac Sonographer
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Keynote Speaker

Patrick McNamara, MB, BCh, FASE

Professor of Neonatology - University of Iowa
Stead Family Children's Hospital

Guest Faculty

Julie Grozev, RDCS

Lead Maternal Fetal Cardiac Sonographer
Inova Children's Cardiology

Mishella Perez, BS, RDMS, RDCS, FAIUM

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