

Echocardiographic Assessment of Cardiac Function in Heart Failure: From Fetus to Young Adults

7 a.m.	BREAKFAST	
7:15 a.m.	WELCOME	Shivani Patel, MBBS and Stefani Samples, MD
7:30 – 8:30 a.m.	SESSION 1: Heart Failure in Fetal Echocardiography	Moderators: Sheetal R. Patel, MD, and Karim A. Diab, MD
	Fetal Cardiomyopathy (CV Profile Score)	Angira Patel, MD
	Fetal Arrhythmia	Nina L. Gotteiner, MD
	Twin-to-Twin Transfusion Syndrome (TTTS)	Kelly L. Cox, MD
	Q & A	
8:30-10:10 a.m.	SESSION 2: Cardiomyopathies	Moderators: Philip T. Thrush, MD and Simon Lee, MD
	Spectrum of Heart Failure in Pediatrics	Philip T. Thrush, MD
	Echocardiographic Assessment of Dilated Cardiomyopathy	Nikkan Das, MD
	Imaging Innovations in Hypertrophic Cardiomyopathy	Simon Lee, MD
	Left Ventricular Non-Compaction: Echo and Cross-Sectional Perspectives	Andrew Lawson, MD
	Anthracycline Cardiomyopathy: Multimodality Imaging for Cardiac Surveillance of Cancer Treatment in Children (ASE Guideline Review)	Nazia Husain, MBBS
	Q & A	
10:10-10:25 a.m.	BREAK	
10:25 a.m. – 12:20 p.m.	SESSION 3: Cardiac Function Assessments	Moderators: Shivani Patel, MBBS, and Stefani Samples, MD
	Systolic Function Evaluation	Neha Soni-Patel, MEd, RCCS, RDCS
	Cardiac Function Assessment in the Setting of Basic Arrhythmias: Left Bundle Branch Block (LBBB), Premature Ventricular Contractions (PVCs) and Paced Rhythms	A. Sami Chaouki, MD
	New Frontiers in Cardiac Imaging: Ultrasound Enhancing Agents in Pediatric Heart Failure	Jarrett R. Linder, MD
	Diastolic Function Evaluation	Amanda L. Hauck MD
	Right Ventricular Function Assessment	Vinesh Appadurai, MD
	Update on Advanced Function Assessments: From Machine to Management (Fetal, Neonatal and Older Patients)	KEYNOTE ADDRESS: Mark Friedberg, MD, PhD
	Q & A	
12:20-1 p.m.	LUNCH	

1 – 2:30 p.m.	SESSION 4: Hands-on Scanning – Performing a Robust Function Assessment: 3D LV and RV Volume Assessment and Myocardial Strain Analysis	Sonographers: Aneta Cenda, RDCS; Ceara Homb, RDCS; Erica Jenero, RDCS; Neha Soni-Patel, RCCS, RDCS; Cassie Polsen, RDCS; Anthony Shorter, RDCS
	OR	
	Stump the Experts – Interesting Case Presentations	Moderators: Michael Carr, MD; Simon Lee, MD; Candice Vacher, RDCS
	Texas Children’s Stumps the Experts in Chicago	Candice Vacher, RDCS
	DCM vs Myocarditis	Asra Azizuddin, RDCS
	HF in Kawasaki Disease	Karan Carvahlo, MD
	HFpEF	Ravi Patel, MD
	HF Congenital Heart Disease	Elizabeth Dupuis, RDCS
	HF Post Cardiac Transplant	Ashish Garg, MD
Fetal Echo Case	Julie Grozev, RDCS	
Discussion		
2:30 - 2:45 p.m.	BREAK	
2:45 - 4 p.m.	SESSION 5: Heart Failure and Congenital Heart Disease (CHD)	Moderators: Andrew de Freitas, MD and Michael R. Carr, MD
	Left Ventricular Failure in CHD	Michael B. Satzer, MD
	Right Ventricular Failure in CHD	Bethan A. Lemley, MD
	Single Ventricle Failure	Amy S. Lay, MD
	Q & A	
4 – 5 p.m.	SESSION 6: End-Stage Heart Failure (HF)	Moderators: Pei-Ni Jone, MD and Brian Madden, MD
	Echo and Ventricular Assist Devices: What the Heart Failure Team Needs to Know	Brian Madden, MD
	Echocardiographic Assessment of ECMO: What the Surgeon Needs to Know	Michael C. Mongé, MD
	New Frontiers in HF: Implantable Pulmonary Artery Monitor Pressure Measurement Devices	Anjan Tibrewala, MD
	Q & A	
5 p.m.	ADJOURN	

RECORDED SESSIONS	
Echocardiographic and Multimodality Assessment of Restrictive Cardiomyopathy	Madeline Jankowski, ACS, RDCS
ARVC Explained	Stephanie Chandler, MD
Pathology Review: HCM/DCM/ARVC/Restrictive/Explanted Devices/Etc.	Ra-id Abdulla, MD and Jennifer Acevedo, ACS, RDCS
RV Failure in ACHD (Mustard, TOF)	Andrew de Freitas, MD
Post Transplant Echo: What You Should Know	Michael R. Carr, MD
LV Failure in ACHD	Peter R. Koenig, MD
Systemic RV Failure	Joyce Woo, MD
BONUS CONTENT: Recorded How-To Sessions	
Perform Myocardial Strain Analysis	Aneta Cenda, RDCS
Perform 3D/4D Volume Acquisition	Cassandra Polsen, BS, RDCS
Perform RV Volume Acquisition	Cassandra Polsen, BS, RDCS

FACULTY

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Guest Faculty and Keynote Speaker

Vinesh Appadurai, MD

Advanced Cardiovascular Imaging Fellow
Northwestern Medicine

Asra Azizuddin, RDCS

Echo Education, Quality & Accreditation Coordinator
Bluhm Cardiovascular Institute – West Region Central Dupage Hospital

Mark Friedberg, MD, PhD - KEYNOTE PRESENTATION

Professor of Pediatrics, University of Toronto
Paediatric Cardiologist, Hospital for Sick Children

Julie Grozev, RDCS

Lead Maternal Fetal Cardiac Sonographer
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