

May 19-21, 2023

Chicago 3D Echo Academy – 2023

Acquisition & Application of 3D Imaging in Congenital Heart Disease *with* Dissection Lab & Hands-on Scanning Workshop

Course Director – Pei-Ni Jone, MD, FASE

Course Co-Director – Jennifer Acevedo, ACS, RDCS, FASE

Course Co-Director – Shivani Patel, MBBS, MS, FASE

Course Co-Director – Sandhya Ramlogan, MD

Friday, May 19, 2023

Time	Title	Speaker
10:00 AM	Check-in	
10:30 – 10:40	Welcome and Intro	Pei-Ni Jone, MD, FASE, Course Director
Live Cases and Functional Assessment		
10:40- 10:55	Basics of 3D: Understanding MPRs	Dr. Pei-Ni Jone
10:55 – 11:30	Live Catheter Intervention for ASD Closure Guidance (Dr. Jone Moderator)	Dr. Alan Nugent and Dr. Sandhya Ramlogan
11:30 – 11:45	Left Ventricular Volume and Function Assessment	Dr. Nazia Husain
11:45 – 12:00	Right Ventricular Volume and Function Assessment	Dr. Amanda Hauck
12:00-12:30	Catheter Intervention for Structural Heart Guidance: AV Valve Therapies	Dr. Akhil Narang
12:30 – 12:45	3D Guidance for CHD Interventions	Dr. Sandhya Ramlogan
12:45 – 1:00	Q & A	
1:00- 2:00	Lunch	
Thinking in 3D: Cardiac Pathology Review		
2:00 - 2:45	Cardiac Pathology Review – Normal	Dr. Ra-id Abdulla / Dr. Shivani Patel
2:45 - 3:00	Break	
3:00 - 5:00 *In-person event only	Dissection Lab *In-person event only, not available for live stream*	Dr. Ra-id Abdulla; Jen Acevedo, RDCS; Dr. Shivani Patel; Greg Sturgeon, RDCS
Adjourn		

Saturday, May 20, 2023

7:00-8:00	Breakfast	
8:00-8:10	Welcome and workshop updates	Dr. Sandhya Ramlogan
Keynote Address + AV Valve Assessment		
8:10 - 8:40	Keynote talk: 3D Echo Assessment of AV Valves in Single Ventricles	Dr. Nee Khoo
8:40 – 8:55	Pathology Review Mitral Valve	Dr. Ra-id Abdulla / Dr. Shivani Patel
8:55 – 9:10	3DE Mitral Valve	Dr. Matthew Jolley
9:10 – 9:25	Pathology Review Tricuspid Valve	Dr. Ra-id Abdulla / Dr. Shivani Patel
9:25 – 9:40	3DE Tricuspid Valve	Dr. Kandice Mah
9:40 – 9:55	3D Echo Dataset Acquisition – Practical Guide	Lisa Le, BS, RDCS, RVT
9:55 - 10:05	Q&A	
10:05 - 10:20	Break	
Hands-on Workshop I *In-person event only, not available for live stream*		
10:20 – 12:20 *In-person event only	Group A: Image Acquisition Group B: Offline Analysis I - Basics	Anthony Shorter, RDCS; Mary Magin, RDCS; Cassandra Polsen, RDCS; Courtney Ehrich, RDCS; Carina Iskenderian, RCS; Lisa Le, RDCS, Greg Sturgeon, RDCS Dr. Nee Khoo, Dr. Pei-Ni Jone, Dr. Shivani Patel, Dr. Sandhya Ramlogan, Dr. Kandice Mah
12:30 – 1:30	Lunch	
1:30 – 3:30 *In-person event only	Group B: Image Acquisition Group A: Offline Analysis I - Basics	Anthony Shorter, RDCS; Mary Magin, RDCS; Cassandra Polsen, RDCS; Courtney Ehrich, RDCS; Carina Iskenderian, RCS; Lisa Le, RDCS, Greg Sturgeon, RDCS Dr. Nee Khoo, Dr. Pei-Ni Jone, Dr. Shivani Patel, Dr. Sandhya Ramlogan, Dr. Kandice Mah
Adjourn		

SUNDAY MAY 21, 2023

7:00 - 8:00	Breakfast	
8:00 - 8:10	Welcome and workshop updates	Dr. Shivani Patel
Complex Cardiac Outflows, Future Directions		
8:10 - 8:30	Aortic Valve, LVOTO	Dr. Sandhya Ramlogan
8:30 - 8:50	Atrioventricular Septal Defects	Dr. Pei-Ni Jone
8:50 - 9:10	Role of 3D in the OR	Dr. Nee Khoo
9:10 - 9:30	Surgeon's Perspective of Utilization of 3D Echo	Dr. Sanjay Kaushal
9:30 - 9:45	Q & A	
9:45 - 10:00	Refreshment Break	
10:00 - 10:25	Double Outlet Right Ventricle	Dr. Kandice Mah
10:25 - 10:40	How to build a 3D echo lab	Dr. Pei-Ni Jone
10:40 - 10:55	Future of 3D Echocardiography	Dr. Nee Khoo
10:55 - 11:10	Q & A	
11:10 - 12:10	Lunch	
Hands-on Workshop II *In-person event only, not available for live stream*		
12:10 - 2:10 *In-person event only	Group A: Image Acquisition Group B: Offline Analysis II Complex CHD	Anthony Shorter, RDCS; Mary Magin, RDCS; Cassandra Polsen, RDCS; Courtney Ehrich, RDCS; Carina Iskenderian, RCS; Lisa Le, RDCS, Greg Sturgeon, RDCS Dr. Nee Khoo, Dr. Pei-Ni Jone, Dr. Shivani Patel, Dr. Sandhya Ramlogan, Dr. Kandice Mah
Refreshments available		
2:10 - 4:10 *In-person event only	Group B: Image Acquisition Group A: Offline Analysis II Complex CHD	Anthony Shorter, RDCS; Mary Magin, RDCS; Cassandra Polsen, RDCS; Courtney Ehrich, RDCS; Carina Iskenderian, RCS; Lisa Le, RDCS, Greg Sturgeon, RDCS Dr. Nee Khoo, Dr. Pei-Ni Jone, Dr. Shivani Patel, Dr. Sandhya Ramlogan, Dr. Kandice Mah
Adjourn		

FACULTY

Course Directors and Coordinator Lurie Children's

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Senior Cardiac Sonographer
Ann & Robert H. Lurie Children's Hospital of Chicago

Keynote Speaker

Nee Sze Khoo, MBChB, FRACP

Associate Professor of Pediatrics, University of Alberta
Stollery Children's Hospital, Edmonton, Canada

Guest Faculty

Matthew Jolley, MD

Pediatric Cardiovascular Anesthesia and Pediatric Cardiology
Children's Hospital of Philadelphia

Lisa Le, BS, RDCS (AE, PE), RVT

Cardiac Sonographer Advanced | Echo Lab, Heart Institute
Children's Hospital Colorado

Kandice Mah, MD

Clinical Assistant Professor Pediatrics, University of British Columbia
BC Children's Hospital

Akhil Narang, MD, FASE

Assistant Professor of Medicine (Cardiology), Northwestern University School of Medicine
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Greg Sturgeon, MSC, RCS, RDCS

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