

**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**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
10:00 AM	Check-in	
10:30 – 10:40	Welcome and Intro	Pei-Ni Jone, MD, FASE, Course Director
<b>Live Cases and Functional Assessment</b>		
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	
<b>Thinking in 3D: Cardiac Pathology Review</b>		
2:00 - 2:45	Cardiac Pathology Review – Normal	Dr. Ra-id Abdulla / Dr. Shivani Patel
2:45 - 3:00	Break	
3:00 - 5:00 <b>*In-person event only</b>	Dissection Lab <b>*In-person event only, not available for live stream*</b>	Dr. Ra-id Abdulla; Jen Acevedo, RDCS; Dr. Shivani Patel; Greg Sturgeon, RDCS
<b>Adjourn</b>		

## Saturday, May 20, 2023

7:00-8:00	<b>Breakfast</b>	
8:00-8:10	Welcome and workshop updates	Dr. Sandhya Ramlogan
<b>Keynote Address + AV Valve Assessment</b>		
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	
<b>Hands-on Workshop I *In-person event only, not available for live stream*</b>		
10:20 – 12:20 <b>*In-person event only</b>	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 <b>*In-person event only</b>	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
<b>Adjourn</b>		

## SUNDAY MAY 21, 2023

7:00 - 8:00	<b>Breakfast</b>	
8:00 - 8:10	Welcome and workshop updates	Dr. Shivani Patel
<b>Complex Cardiac Outflows, Future Directions</b>		
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	3D Echo from Interventional Perspective	Dr. Paul Tannous
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	
<b>Hands-on Workshop II *In-person event only, not available for live stream*</b>		
12:10 - 2:10 <b>*In-person event only</b>	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 <b>*In-person event only</b>	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**

### **Pei-Ni Jone, MD, FASE, FACC, FAHA Course Director**

Professor of Pediatrics, Northwestern University Feinberg School of Medicine  
Ann & Robert H. Lurie Children's Hospital of Chicago

### **Jennifer Acevedo, ACS, RDCS (AE, FE, PE), FASE Course Co-Director**

Clinical Educator, Cardiopulmonary Services  
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### **Shivani Patel, MBBS, MS, FASE Course Co-Director**

Associate Clinician, Ann & Robert H. Lurie Children's Hospital of Chicago  
Health System Clinician, Northwestern University Feinberg School of Medicine  
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### **Sandhya R. Ramlogan, MBChB, FASE, FAAP Course Co-Director**

Assistant Professor of Pediatrics, Northwestern University Feinberg School of Medicine  
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### **Kathleen Nolan, BS, RDCS (AE, PE), RDMS (AB, OB) Course Coordinator**

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  
Northwestern Medicine

### **Greg Sturgeon, MSC, RCS, RDCS**

Cardiac Sonographer III  
Duke Children's Heart Center

## **Lurie Children's Faculty**

### **Ra-id Abdulla, MD**

Professor of Pediatrics, Northwestern University Feinberg School of Medicine  
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### **Courtney Ehrich, BS, RDCS (AE, PE)**

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### **Paul Tannous, MD, PhD**

Assistant Professor of Pediatrics, Northwestern University Feinberg School of Medicine  
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