

Pediatric 3D Echocardiography Conference 2018:

Beyond Pretty Pictures

October 5-6, 2018

childrenscolorado.org

Early
 Registration
 Deadline:
9/14/2018

Pediatric 3D Echocardiography Conference 2018:

Beyond Pretty Pictures

October 5-6, 2018

Children's Hospital Colorado
 Conference & Education Center
 Aurora, CO

Provided by

Children's Hospital Colorado
 Heart Institute



Children's Hospital Colorado

Affiliated with
 University of Colorado
 Anschutz Medical Campus

In collaboration with



Needs Statement

1% of all children are born with some form of congenital heart disease. Imaging in two-dimensional echocardiography (heart ultrasound) is routine for congenital heart disease. Three-dimensional (3D) echocardiography can enhance the understanding of congenital heart disease. Training in 3D echocardiography can help sonographers and physicians taking care of congenital heart disease patients better assist in accurate diagnosis, surgical planning, and catheter interventions.

Overview and Target Audience

This workshop will provide a detailed review of the clinical applications of 3D echocardiography in the evaluation of pediatric congenital & acquired heart disease. It will address assessment of structural pathology, evolution & mechanisms of valve failure, myocardial function, fusion imaging, and 3D echocardiography guidance on catheter intervention. Attendees will learn practical clinical applications of 3D echocardiography in pre and post-surgical assessments and planning. Future directions in this exciting and rapidly evolving field will also be explored. This conference will be of interest to physicians, sonographers, and healthcare providers who take care of patients with congenital heart disease.

Educational Objectives

Upon conclusion of the conference, participants should be able to:

- Recognize basic principles and pitfalls of 3D echocardiography
- Describe 3D echocardiography best practices in simple and complex congenital heart defects
- Demonstrate hands-on 3D image acquisition capabilities
- Perform post-processing analysis of congenital heart disease
- Identify the role of 3D echocardiography in catheter and operational interventions

Other highlights of the course:

- Catered breakfast, lunch, and snacks
- Live scanning on pediatric cardiac patients
- Opportunity to network with echocardiography colleagues

Continuing Education Credit

A certificate of attendance will be available upon completion of the online evaluation for all attendees.

Medical

Children's Hospital Colorado is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Children's Hospital Colorado designates this live activity for a maximum of 15.50 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Location and Parking

This conference will be held on the Anschutz Medical Campus at Children's Hospital Colorado, 13123 East 16th Avenue, Aurora, Colorado. Please enter the hospital at the main entrance and take the elevators to the Conference and Education Center on the second floor, Mt. Princeton.

Children's Colorado and University of Colorado Hospital employees must park in their designated area. Free parking for conference guests is available on the lower level of the family/visitor parking structure, just south of the hospital's main entrance.

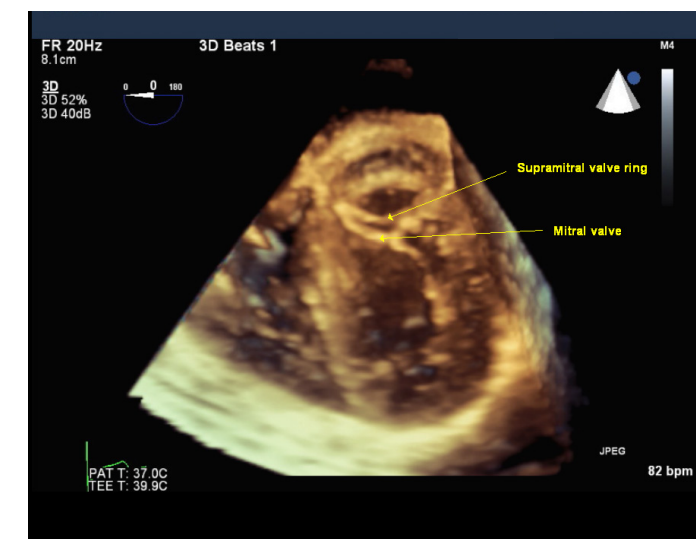
Please visit childrenscolorado.org/directions for driving directions to Children's Hospital Colorado.

Accommodations

Local housing list will be provided in your confirmation letter. Several hotels available within walking distance to our hospital.

Acknowledgement

We wish to thank our participating exhibitors for their support.



Agenda

Friday, October 5, 2018

7:00 a.m. Registration & Continental Breakfast

8:00 Welcome & Opening Remarks

Dr. Nee Khoo
Dr. Pei-Ni Jone

Session 1: 3D Echocardiography Keynote & Catheter Intervention

8:10 Keynote Speaker: Past and Present 3D Echocardiography

Dr. Jeffrey Smallhorn

8:40 Live 3D Catheter Intervention

Moderators: Dr. Dunbar Ivy, Dr. Nee Khoo, Dr. Jenny Zablah
Dr. Pei-Ni Jone
Dr. Michael Ross

8:50 Interventional Perspective: What the Cath Physician Wants

Dr. Jenny Zablah

9:00 Live 3D Catheter Intervention Continuation

Moderators: Dr. Dunbar Ivy, Dr. Nee Khoo, Dr. Jenny Zablah
Dr. Dale Burkett
Dr. Pei-Ni Jone
Dr. Michael Ross

9:10 Coffee Break

9:20 3D Echocardiography in Catheter Intervention: Fusion Imaging

Dr. Pei-Ni Jone

9:40 Q & A

Session 2: 3D Echocardiography of Assessment of AV Valves & Function

9:50 Mitral Valve

Dr. Jeffrey Smallhorn

10:20 Tricuspid Valve

Dr. Timothy Colen

10:50 3D Echo in Left Ventricular Function, Volume

Dr. Gerald Marx

11:20 3D Echo in Right Ventricular Function, Volume

Dr. Pei-Ni Jone

11:50 Q & A

12:00 p.m. Lunch (provided)

1:00 Hands-On Workshop: Image Acquisition & Offline Analysis

3:00 Coffee Break and Switch Groups

3:15 Hands-On Workshop: Image Acquisition & Offline Analysis

5:15 Adjourn

5:30 Evening Reception

Saturday, October 6, 2018

7:30 a.m. Registration & Continental Breakfast

8:00 Workshop Updates

Dr. Pei-Ni Jone

Session 3: 3D Assessment of Simple and Complex Cardiac Outflows

8:10 Aortic Valve, Left Ventricular Outflow Tract Obstruction, and VSDs

Dr. Timothy Colen

8:40 Atrioventricular Septal Defect

Dr. Benjamin Goot

9:10 Early Valve Failure: Role of 3D in a Return to the OR

Dr. Nee Khoo

9:35 Surgical Perspective

Dr. James Jagers

10:00 Q & A

10:10 Coffee Break

Session 4: Complex Cardiac Outflows, Future Directions

10:25 Double Outlet Right Ventricle

Dr. Jeffrey Smallhorn

10:55 Straddling Atrioventricular Valves

Dr. Nee Khoo

11:25 Future of 3D Echocardiography

Dr. Gerald Marx

11:50 Q & A

12:00 p.m. Lunch (provided)

1:00 Hands-On Workshop: Image Acquisition & Offline Analysis II

3:00 Coffee Break and Switch Groups

3:15 Hands-On Workshop: Image Acquisition & Offline Analysis II

5:15 Evaluation and Adjourn

Conference Faculty

Course Co-Directors

Pei Ni Jone, MD

Associate Professor, Pediatric Cardiology
Director of 3D Echocardiography
Children's Hospital Colorado
University of Colorado School of Medicine

Nee Khoo, MBChB

Associate Director of Echocardiography
Associate Professor of Pediatrics
Stollery Children's Hospital
University of Alberta

Course Coordinator

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

Pediatric Cardiac Sonographer Associate
Children's Hospital Colorado

Keynote Speaker

Jeffrey F. Smallhorn, MBBS

Emeritus Professor of Paediatrics
Stollery Children's Hospital
University of Alberta

Invited Faculty

Dale Burkett, MD

Assistant Professor, Pediatric Cardiology
Children's Hospital Colorado
University of Colorado School of Medicine

Timothy Colen, MBBS

Assistant Professor of Pediatrics
Stollery Children's Hospital
University of Alberta

Benjamin Goot, MD

Assistant Professor of Pediatrics
Pediatric Cardiology
The Herma Heart Institute
Children's Hospital of Wisconsin

Dunbar D. Ivy, MD

Professor of Pediatrics
Chief and Selby's Chair of Pediatric Cardiology
Children's Hospital Colorado
University of Colorado School of Medicine

James Jagers, MD

Barton Elliman Chair and Chief Surgery of Pediatric
Professor of Surgery
Children's Hospital Colorado
University of Colorado School of Medicine

Registration

Registration is online.

childrenscolorado.org/CE

Register online by Sept. 14, 2018 to take advantage of the early registration fee.

Gerald Marx, MD

Director of Ultrasound Imaging Research
Associate Professor of Pediatrics
Boston Children's Hospital
Harvard Medical School

Michael Ross, MD

Assistant Professor, Pediatric Cardiology
Children's Hospital Colorado
University of Colorado School of Medicine

Jenny Zablah, MD

Clinical Instructor, Pediatric Cardiology
Children's Hospital Colorado
University of Colorado School of Medicine

Live Scanning Educators

Jesse Aguilar, RDCS (AE PE), RVT, BS

Carlie Brewer, RDCS (AE PE), BS

Kourtney Brooks, RDCS (PE), RCCS, BS

Tracy Hill, RDCS (AE PE), BS

Mollie Schoenhals, RDCS (PE), RCCS

Registration Fees

	By 9/14	After 9/14
Physicians	\$450	\$500
Fellows, Sonographers and Allied Health	\$350	\$400

Cancellation Policy

No refunds will be granted for non-attendance, although you may send a substitute. The Planning Committee reserves the right to alter the agenda or cancel the conference in the event of an unforeseen circumstance, or if the minimum registration is not attained by September 14, 2018 with a full refund to participants.

Further Information

If you have questions or to request arrangements to accommodate a disability, please email Lisa Le at lisa.le@childrenscolorado.org at least 3 weeks prior to conference.