

Pediatric Echocardiography Review

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September 25–26, 2021

Virtual event

Provided by

Children's Hospital Colorado Heart Institute



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University of Colorado
Anschutz Medical Campus

Overview and Target Audience

This two-day virtual conference will focus on congenital pediatric echocardiography. This course has been designed to combine lectures, panel discussions, and case studies. Children's Hospital Colorado pediatric cardiologists and sonographers will lead the lectures, sharing their expertise in the diagnosis and scanning of congenital heart disease. Target audience includes adult sonographers, cardiology fellows, and pediatric sonographers wanting to increase their experience with pediatric echocardiography and congenital heart disease.

Objectives

Upon completion of this conference, participants should be able to:

- Define the basic features and imaging goals of a wide variety of congenital heart defects
- Describe standard pediatric echo scanning views
- Describe strategies to optimize echo imaging quality in the pediatric population

Other highlights

- Small group conversations with our reading cardiologist and senior sonographer team
- Opportunity to network with echo colleagues
- Recorded content available through April 2022
- Preparation for pediatric echocardiography board exam
- Virtual social gathering Saturday September 25th, 2021

Continuing Education Credit

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 Other activity (Internet Live Course) for a maximum of 11.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Agenda: (All times are mountain standard time)

Saturday September 25th, 2021

8:30 a.m. **Welcome**
Michael V. DiMaria, MD FASE
Dawn Park, BS RDCS RDMS FASE

Session #1: In the Beginning....

8:40 **Shunts are Complicated**
Dale Burkett, MD FASE

9:05 **Cutting the Cord: Fetal, Transitional and Newborn Circulation**
Dawn Park, BS RDCS RDMS FASE

9:30 Panel Q & A

Session #2: From Good Great Images

9:40 **It's All in the Details**
Jennifer Bielby, BS RDCS

10:00 **Image Optimization: Some Sound Advice**
Scott Kirby, RDCS FASE

10:30 Panel Q & A

10:40 Break

Session #3: Break Out Sessions

11:00 **Blood Flows to the Path of Least Resistance**
Adel Younoszai, MD FASE

11:20 Break

11:25 **Pulmonary Hypertension: The Pressure is On**
Benjamin Frank, MD

Session #4: Interesting Cases

11:45 **The Chicken or the Egg: A Story of Ventricular Dysfunction**
Dawn Park, BS RDCS RDMS FASE

11:55 **Through the Looking Glass**
Krysta Gilbert, BS RDCS

12:05 p.m. Panel Q & A

12:15 Break

Session #5: The ABC's of ASD's, VSD's and AVSD's

1:15 **Holey Hearts: ASDs and VSDs**
Cassandra Polsen, BS RDCS

1:40 **The Crux of the Problem**
Richard Friesen, MD

2:05 Panel Q & A

Session #6: Interesting Cases

2:15 **An Unexpected Complication**
Kourtney Brooks, BS RDCS RCCS

2:25 **When a Detour Still Gets You Your Destination**
Deborah Kiwala, RDCS

2:35 Panel Q & A

2:45 Break

Session #7 Extracardiac Stuff is Important Too!

2:55 **Coronary Arteries are Small, but a Big Deal**
Carlie Brewer BS RDCS FASE

3:15 **Imaging Aortic Arches: It's Not So Easy**
Courtney Cassidy, RDCS FASE

3:45 Q & A

4:00 **Virtual Happy Hour/Trivia**
Michael V. DiMaria, MD FASE
Dawn Park, BS RDCS RDMS FASE

Sunday September 26th, 2021

8:45 a.m. **Welcome**

8:50 **A Brief Tale of Two Valves: Aortic and Pulmonary Stenosis**
Hieu Ta, MD FAAP

9:30 Q & A

9:40 **Scanning Demonstration**
Scott Kirby, RDCS FASE

10:40 Q & A

10:50 Break

11:05 **Conotruncal Anomalies: The Basics**
Cesar Gonzalez de Alba, MD

11:45 Q & A

Interesting Cases

11:55 **A Case That Makes Your Heart Ache**
Michelle Henderson, BS RDCS

12:05 p.m. **A Tight Squeeze**
Tracy Hill, BS RDCS

12:15 Panel Q & A

12:25 Break

1:15 **HLHS: Mostly Right with a Little Left**
Michael V. DiMaria, MD

1:55 Q & A

2:05 **Breakout: Consult with the Experts**
Michael V. DiMaria, MD, Jeanine Dwyer, RDCS FASE, Richard Friesen, MD, Scott Kirby, RDCS FASE, Lisa Le, BS RDCS, Marco Pinder, MD, Dawn Park, BS RDCS RDMS FASE, Adel Younoszai, MD FASE

2:30 Break

2:40 **When the Right Side Gets Off on the Wrong Foot**
Diana Tsen, MD

3:20 Q & A

3:30 **MIS-C Update: Relation to Kawasaki Disease**
Pei-Ni Jone, MD FACC FASE FAHA

4:00 Q & A

4:10 Adjourn

Faculty



Course Director

Michael V. DiMaria, MD, FASE

Associate Professor, Pediatric Cardiology
Director, Echocardiography Lab



Course Co-Director

Dawn Park, BS, RDCS (AE PE FE), RDMS, FASE

Lead Pediatric and Fetal Cardiac Sonographer
Education Coordinator



Scott Kirby, RDCS (AE PE), FASE

Lead Pediatric Cardiac Sonographer
Technical Coordinator

Children's Hospital Colorado, Heart Institute

Jennifer Bielby, BS, RDCS (AE PE FE)

Senior Pediatric and Fetal Cardiac Sonographer

Carlie Brewer, BS, RDCS (AE PE), FASE

Senior Pediatric Cardiac Sonographer

Kourtney Chavez, BS, RDCS (PE), RCCS

Pediatric Cardiac Sonographer

Dale Burkett, MD, FASE

Assistant Professor Pediatric Cardiology

Courtney Cassidy, RDCS (AE PE FE), FASE

Lead Pediatric Cardiac Sonographer
Research Sonographer

Jeanine Dwyer, BS, RDCS (AE PE), FASE

Manager, Echocardiography Lab

Benjamin Frank, MD

Assistant Professor Pediatric Cardiology

Richard Friesen, MD

Assistant Professor Pediatric Cardiology

Krysta Gilbert, BS, RDCS (AE PE FE)

Pediatric Cardiac Sonographer

Cesar Gonzalez de Alba, MD

Assistant Professor Pediatric Cardiology

Tracy Hill, BS RDCS (AE PE)

Pediatric Cardiac Sonographer

Michelle Henderson, BS, RDCS (AE PE)

Pediatric Cardiac Sonographer

Pei-Ni Jone, MD, FACC, FASE, FAHA

Professor Pediatric Cardiology
Director of 3D Echocardiography

Deborah Kiwala, RDCS (AE PE FE)

Pediatric Cardiac Sonographer

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

Senior Pediatric Cardiac Sonographer

Marco Pinder, MD

Assistant Professor Pediatric Cardiology

Cassandra Polsen BS, RDCS (AE PE)

Pediatric Cardiac Sonographer

Hieu Ta, MD, FAAP

Advanced Pediatric Cardiology Imaging Fellow

Diana Tsen, MD

Advanced Pediatric Cardiology Imaging Fellow

Adel Younoszai, MD, FASE

Professor Pediatric Cardiology

Registration

Visit our website today to register online at
ce.childrenscolorado.org

Registration Fees: All Attendees - **\$140**

Further information

If you have any questions, please contact Dawn Park
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