

6th Pediatric Echocardiography Symposium: Foundations of Congenital Echocardiography



Saturday, September 7, 2024 – Virtual Event

Provided by:

Children's Hospital Colorado Heart Institute

Overview and Target Audience:

This virtual conference will focus on the foundations of echocardiography in congenital heart disease. The course has been designed to combine lectures, panel discussions, and case studies. Children's Hospital Colorado pediatric cardiologists, fellows, 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 complete:

- Identify important imaging goals in congenital heart disease
- Define the anatomy and abnormalities of the atrial septum, the ventricular septum, coronary arteries, pulmonary veins, and the aortic arch
- Understand the effects of pulmonary hypertension on cardiac structure and function
- Describe standard pediatric echo scanning views
- Define strategies to optimize echo imaging quality in the pediatric population

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 6.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. Participants must be logged in during the presentations for credits. The content will not be available at a later date for credit.

Course Director

Cesar Gonzalez de Alba, MD
Assistant Professor, Pediatric Cardiology

Course Associate Directors

Scott Kirby, AS CVT RDCS (AE PE) FASE
*Pediatric Cardiac Sonographer Advanced
Technical Coordinator*

Diana Tsen, MD
Assistant Professor Pediatric Cardiology

Sarah Kongphongmany, RDCS (PE)
Pediatric Cardiac Sonographer Senior

Children's Hospital Colorado Faculty

Dale Burkett, MD
*Associate Professor of Pediatrics
Interim Director of Echocardiography*

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Courtney Cassidy, RDCS (AE PE FE) FASE
Supervisor Echocardiography Lab

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Cardiac Sonographer

Benjamin Frank, MD
Assistant Professor Pediatric Cardiology

Casey Gau, RDCS (AE PE)
Cardiac Sonographer Advanced

Krysta Gilbert, BS RDCS (AE PE FE)
Pediatric Cardiac Sonographer Senior

Guest Faculty

Dawn Park, BS RDMS RDCS (AE PE FE) RCCS FASE
*Cardiac Sonographer Educator
Nationwide Children's Hospital*



Michelle Grenier, MD
Adjunct Professor Pediatric Cardiology

Samantha Holmes, MD
Advanced Imaging Fellow

Laura Nordhagen, RDCS (PE FE)
Cardiac Sonographer Advanced

Kurt Scheeler, RDCS (AE PE)
Cardiac Sonographer

Charles Simpkin, MD
Advanced Imaging Fellow

Trevor Williams, MD
Assistant Professor Pediatrics

Alexandra Woodbury, BS RDCS (AE PE)
Cardiac Sonographer



Program Schedule

8:00 Welcome and Introduction

Cesar Gonzalez de Alba

Scott Kirby

Opening Lecture

8:10 Cardiac Physiology: From Baby to Adult

Dale Burkett, MD

Session 1: The Atrial Septum

Moderators:

Cesar Gonzalez de Alba & Sarah Kongphongmany

8:40 Anatomy, Physiology, and Abnormalities

Samantha Holmes, MD

9:00 How to Scan

Laura Nordhagen, RDCS

9:15 Interesting Case Studies

Dawn Park, RDCS

9:30 Panel Q & A

Session 2: The Ventricular Septum

Moderators:

Diana Tsen & Scott Kirby

9:40 Anatomy, Physiology, and Abnormalities

Charles Simpkin, MD

10:00 How to Scan

Carlie Brewer, RDCS

10:15 Interesting Case Studies

Courtney Cassidy, RDCS

10:30 Panel Q & A

Session 3: Pulmonary Hypertension and Shunts

Moderators:

Cesar Gonzalez de Alba & Sara Kongphongmany

10:40 Pulmonary Hypertension: Everyone's PHavorite Topic!

Benjamin Frank, MD

11:00 How to Scan

Kurt Scheeler, RDCS

11:15 Interesting Case Studies

Matt Demecs, RDCS

11:30 Panel Q & A



Lunch Break 11:40 - 12:30

Session 4: Aortic Arches

Moderators:

Diana Tsen & Scott Kirby

12:30 Anatomy and Abnormalities

Trevor Williams, MD

12:50 How to Scan

Krysta Gilbert, RDCS

1:05 Interesting Case Studies

Cesar Gonzalez de Alba, MD

1:20 Panel Q & A

Session 5: Pulmonary Veins

Moderators:

Cesar Gonzalez de Alba & Sarah Kongphongmany

1:30 Anatomy and Abnormalities

Diana Tsen, MD

1:50 How to Scan

Casey Gau, RDCS

2:05 Interesting Cases

Sarah Kongphongmany, RDCS

2:20 Panel Q & A

Session 6: Coronary Arteries

Moderators:

Diana Tsen & Scott Kirby

2:30 Anatomy and Abnormalities

Michelle Grenier, MD

2:50 How to Scan

Scott Kirby, RDCS

3:05 Interesting Cases

Alexandra Woodbury, RDCS

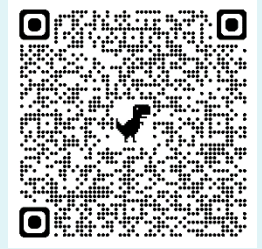
3:20 Panel Q & A

3:30 **Wrap up and Adjourn**



Registration

Visit our website today to register online at <https://ce.childrenscolorado.org>
Or scan the QR code



Registration Fees:

- All Attendees \$60
- Student songographers are eligible for reduced rate of \$30*

*Email student status verification to shaun.ayon@childrenscolorado.org for additional details.

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Further information:

If you have any questions, please contact Scott Kirby at 720-777-8461 or scott.kirby@childrenscolorado.org



Therapy dogs of Children's Hospital Colorado