



7th Pediatric Echo Symposium: Beyond the Basics of Congenital Heart Disease

Saturday, August 2, 2025, 8 am – 3:40 pm (MDT), Virtual Event

Provided by:

Children's Hospital Colorado Heart Institute

Overview and Target Audience:

This virtual conference will cover a variety of complex congenital heart conditions. The course has been designed to combine lectures, scanning tips, case studies, and panel discussions. Children's Hospital Colorado pediatric cardiologists and sonographers will share their expertise in the diagnosis and scanning of congenital heart disease. Target audience includes cardiac sonographers, cardiology fellows, physicians, and other health care providers desiring to increase their experience with pediatric echocardiography and congenital heart disease.

Objectives:

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

- Define the anatomy and physiology of AVSD, aortic coarctation and interruption, anomalous pulmonary venous connections, tetralogy of Fallot, d-TGA, and truncus arteriosus
- Identify important imaging goals in both unrepaired and repaired states
- Describe echo scanning views used in pre- and post-operative states

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 of Pediatrics,
Section of Cardiology*



Course Associate Directors

(Yu-Shan) Diana Tsen, MD
*Assistant Professor of Pediatrics,
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Sarah Kongphongmany, BS, RDCS (PE) FASE
Echo Education Specialist



Scott Kirby, AS CVT RDCS (AE PE) FASE
Echo Technical Coordinator



Children's Hospital Colorado Faculty

Dale Burkett, MD, FASE
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Cardiac Sonographer Senior

Richard Friesen, MD
*Associate Professor of Pediatrics,
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Benjamin Frank, MD
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Kaitlyn Garcia, RDCS
Cardiac Sonographer Senior

Casey Gau, RDCS (AE PE)
Cardiac Sonographer Advanced

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

Michelle Henderson, BS RDCS (AE PE)
Cardiac Sonographer Advanced

Samantha Holmes, MD
*Assistant Professor of Pediatrics,
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Meghan Moran, RDCS
Cardiac Sonographer

Lora Ringgenberg, MS, BS, RDCS (AE PE)
Cardiac Sonographer Advanced

Kurt Scheeler, RDCS (AE PE)
Cardiac Sonographer Senior

Charles Simpkin, MD
*Assistant Professor of Pediatrics,
Section of Cardiology*

Trevor Williams, MD
*Assistant Professor of Pediatrics,
Section of Cardiology*

Allison Walz, RDCS
Cardiac Sonographer

Alexandra Woodbury, BS, RDCS (AE PE)
Cardiac Sonographer Senior

Program Schedule

8:00 Welcome and Introduction

Opening Lecture

8:10 Cardiac Physiology: From Baby to Adult

Dale Burkett, MD

Atrioventricular Septal Defects

Moderators: Cesar Gonzalez de Alba & Sarah Kongphongmany

8:40 Anatomy, Pathophysiology and Repairs

(Yu-Shan) Diana Tsen, MD

9:00 How to Scan: Unrepaired and Repaired

Meghan Moran, RDCS

9:15 Interesting Case Studies

Sarah Kongphongmany, RDCS

9:30 Panel Q & A

Coarctation of the Aorta and Arch Interruption

Moderators: Diana Tsen & Scott Kirby

9:40 Anatomy, Pathophysiology and Repairs

Trevor Williams, MD

10:00 How to Scan: Unrepaired and Repaired

Krysta Gilbert, RDCS

10:15 Interesting Case Studies

Brittany Evans, RDCS

10:30 Panel Q & A

TAPVR/PAPVR

Moderators: Cesar Gonzalez de Alba & Sarah Kongphongmany

10:40 Anatomy, Pathophysiology and Repairs

Charles Simpkin, DO

11:00 How to Scan: Unrepaired and Repaired

Lora Ringgenberg, RDCS

11:15 Interesting Case Studies

Allison Walz, RDCS

11:30 Panel Q & A

Break 11:40 - 12:30



Program Schedule (cont.)

Tetralogy of Fallot

Moderators: Diana Tsen & Scott Kirby

12:30 Anatomy, Pathophysiology and Repairs
Samantha Holmes, MD

12:50 How to Scan: Unrepaired and Repaired
Kurt Scheeler, RDCS

1:05 Interesting Case Studies
Casey Gau, RDCS

1:20 Panel Q & A

d-Transposition of the Great Arteries

Moderators: Cesar Gonzalez de Alba & Sarah Kongphongmany

1:30 Anatomy, Pathophysiology and Repairs
Richard Friesen, MD

1:50 How to Scan: Unrepaired and Repaired
Scott Kirby, RDCS, FASE

2:05 Interesting Cases
Kaitlyn Garcia, RDCS

2:20 Panel Q & A

Truncus Arteriosus

Moderators: Diana Tsen & Scott Kirby

2:30 Anatomy, Pathophysiology and Repairs
Benjamin Frank, MD

2:50 How to Scan: Unrepaired and Repaired
Alexandra Woodbury, RDCS

3:05 Interesting Cases
Michelle Henderson, RDCS

3:20 Panel Q & A

3:30 **Wrap up and Adjourn**



Registration

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

Registration Fees:

- All Attendees \$60
- Student sonographers are eligible for reduced rate of \$20*
*Email student status verification to shaun.ayon@childrencolorado.org for additional details.



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Further information:

If you have any questions, please contact Sarah Kongphongmany at 720-777-3246 or Sarah.Kongphongmany@childrencolorado.org

