



Advanced Congenital Cardiac Morphology

Sunday, Nov. 10, to Thursday, Nov. 14, 2019

Ruth and Tristram Colket, Jr. Translational Research Building
on the Raymond G. Perelman Campus

Learn more: chop.cloud-cme.com



**Children's Hospital
of Philadelphia®**

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Course Overview

This five-day course is a comprehensive examination of the morphology of congenital heart disease, led by Paul M. Weinberg, MD, FAAP, FACC, renowned cardiac morphologist. There are sessions on echocardiography, cardiac magnetic resonance imaging and surgical correlation by distinguished faculty. The purpose of the course is to fill the need for detailed knowledge of the cardiac anatomy in all forms of congenital disease. The course is designed for senior, junior and trainee cardiologists, cardiothoracic surgeons, pathologists, pathology assistants, echocardiography sonographers and other medical professionals interested in congenital heart disease.

Objectives

Upon completion of this CME activity, participants will be able to:

1. Identify the key anatomical aspects of all forms of congenital heart disease
2. Apply their anatomical knowledge to performance or interpretation of imaging studies of congenital heart disease
3. Know the key anatomical features that influence surgical decision-making for repair of congenital heart defects
4. Properly classify congenital heart defects
5. List commonly associated congenital heart defects, as well as those that rarely — or never — occur together

ACCME Accreditation Statement

Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation Statement

Children's Hospital of Philadelphia designates this live activity for a maximum of 35.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Hotel Information

Rooms have been reserved at reduced rates at the Sheraton Philadelphia University City Hotel. The Sheraton has convenient access to Center City Philadelphia, Amtrak's 30th Street Station, I-76 and Philadelphia International Airport. The special rate for a single- or double-occupancy room is \$172 plus a 16.37 percent room tax. Participants are required to make their own hotel reservations by calling the hotel at 215-387-8000. Please mention the name of the conference when making your reservations. This special room rate will be available until Wednesday, Sept. 11, 2019. After that date, reservations will be accepted based on space and rate availability.

Registration

Attendees are welcome to register online at **chop.cloud-cme.com**. Preregistration is required. *The registration deadline is Friday, Nov. 1, 2019.* Payment must accompany your registration form for it to be processed. Once registration has been processed, a confirmation letter will be mailed. Please note: If you do not receive a confirmation within 10 days of registration, please contact the Continuing Medical Education Department at 215-590-5263.

Fees

Early registration (before Friday, Sept. 27)

\$550	Physicians
\$400	Residents, Fellows and Other Healthcare Professionals

After Friday, Sept. 27

\$700	Physicians
\$500	Residents, Fellows and Other Healthcare Professionals
\$175	One-day rate

Cancellation and Refund Policy

Refunds will be processed with written notification of cancellation if received by *Friday, Nov. 1, 2019*, subject to a \$75 service charge. Children's Hospital of Philadelphia reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of a cancellation or postponement, Children's Hospital of Philadelphia will refund the registration fees, but is not responsible for any related costs, charges or expenses to participants, including charges assessed by airlines, hotels and travel agencies.

Services for People with Disabilities

If special arrangements are required for an individual with a disability to attend this meeting, please contact the Continuing Medical Education Department at 215-590-5263.

Register online:
chop.cloud-cme.com

Program • Sunday, Nov. 10, 2019

- 7 a.m. **Registration and Breakfast**
- 8 a.m. **Introductory Remarks**
Paul M. Weinberg, MD
- 8:05 a.m. **Segmental Approach to Diagnosis of Congenital Heart Disease**
Paul M. Weinberg, MD
- 9:25 a.m. **Break**
- 9:35 a.m. **Ventricular Septal Defects**
Lindsay S. Rogers, MD
- 10:40 a.m. **Common Atrioventricular Canal**
Lindsay S. Rogers, MD
- 11:45 a.m. **Lunch**
- 12:45 p.m. **Hands-on Specimen Review**
- 1:45 p.m. **Tricuspid Atresia**
Meryl S. Cohen, MD
- 2:45 p.m. **Break**
- 3 p.m. **Breakout Sessions** (*Participants will rotate through all*)
Echocardiography — *Matthew J. O'Connor, MD*
Cardiac Magnetic Resonance — *Mark A. Fogel, MD*
Surgery — *Christopher Mascio, MD*
- 5 p.m. **Adjourn**

Program • Monday, Nov. 11, 2019

- 7:30 a.m. Breakfast**
- 8 a.m. Announcements**
Paul M. Weinberg, MD
- 8:05 a.m. Straddling Atrioventricular Valves**
Paul M. Weinberg, MD
- 8:50 a.m. Single Ventricle Defects**
Paul M. Weinberg, MD
- 9:30 a.m. Break**
- 9:40 a.m. Single Ventricle Defects**
Paul M. Weinberg, MD
- 9:55 a.m. Atrial Septal Defects**
Jill J. Savla, MD
- 10:25 a.m. Pulmonary Vein Anomalies**
Paul M. Weinberg, MD
- 11:15 a.m. Hands-on Specimen Review**
- 12:15 p.m. Lunch**
- 1:10 p.m. Ebstein's and Uhl Anomalies**
Meryl S. Cohen, MD
- 1:55 p.m. Hypoplastic Left Heart Syndrome**
Lindsay S. Rogers, MD
- 2:50 p.m. Break**
- 3:05 p.m. Breakout Sessions** (*Participants will rotate through all*)
Echocardiography — *Matthew J. O'Connor, MD*
Cardiac Magnetic Resonance — *Mark A. Fogel, MD*
Surgery — *Christopher Mascio, MD*
- 5:05 p.m. Adjourn**

Program • Tuesday, Nov. 12, 2019

- 7:30 a.m. **Breakfast**
- 8 a.m. **Announcements**
Paul M. Weinberg, MD
- 8:05 a.m. **Pulmonary Stenosis and Atresia**
Jill J. Savla, MD
- 8:55 a.m. **Aortic Stenosis**
Meryl S. Cohen, MD
- 9:45 a.m. **Break**
- 10 a.m. **Coronary Artery Anomalies**
Paul M. Weinberg, MD
- 10:50 a.m. **Breakout Sessions** (*Participants will rotate through all*)
Echocardiography — *David J. Goldberg, MD*
Cardiac Magnetic Resonance — *Matthew A. Harris, MD*
Surgery — *Jonathan M. Chen, MD*
- 12:35 p.m. **Box Lunch**
- 1:30 p.m. **Optional Hands-on Specimen Review**
or Optional Pathology Tutorials:
— **Cardiac Autopsy and Preparation of Heart for Dissection**
— **Dissection of the Heart**
— **Paraffin Infiltrated Heart Specimen**
or Hospital Tour
or Free Time
- 3 p.m. **Adjourn**

Program • Wednesday, Nov. 13, 2019

- 7:30 a.m. **Breakfast**
- 8 a.m. **Announcements**
Paul M. Weinberg, MD
- 8:05 a.m. **The Conotruncus and Ventriculo-arterial Alignments**
Paul M. Weinberg, MD
- 8:50 a.m. **Tetralogy of Fallot**
Jill J. Savla, MD
- 9:30 a.m. **Break**
- 9:40 a.m. **Tetralogy of Fallot**
Jill J. Savla, MD
- 10:10 a.m. **Truncus Arteriosus Communis**
Jill J. Savla, MD
- 11 a.m. **Transposition of the Great Arteries and Anatomically Corrected Malposition**
Lindsay S. Rogers, MD
- 12:15 p.m. **Lunch**
- 1:15 p.m. **Hands-on Specimen Review**
- 2:15 p.m. **Double Outlet Ventricles**
Paul M. Weinberg, MD
- 3:20 p.m. **Break**
- 3:35 p.m. **Breakout Sessions** (*Participants will rotate through all*)
Echocardiography — *Michael D. Quartermain, MD*
Cardiac Magnetic Resonance — *Matthew A. Harris, MD*
Surgery — *Christopher Mascio, MD*
- 5:35 p.m. **Adjourn**

Program • Thursday, Nov. 14, 2019

- 7:30 a.m. **Breakfast**
- 8 a.m. **Announcements**
Paul M. Weinberg, MD
- 8:05 a.m. **Heterotaxy Syndrome**
Lindsay S. Rogers, MD
- 9:15 a.m. **Break**
- 9:25 a.m. **Aortic Arch Anomalies**
Paul M. Weinberg, MD
- 10:25 a.m. **Supero-inferior Ventricles and Criss-cross Atrioventricular Relations**
Paul M. Weinberg, MD
- 11:25 a.m. **Hands-on Specimen Review**
- 12:25 p.m. **Lunch**
- 1:25 p.m. **Breakout Sessions** (*Participants will rotate through all*)
Echocardiography — *Matthew J. O'Connor, MD*
Cardiac Magnetic Resonance — *Matthew A. Harris, MD*
Surgery — *Jonathan M. Chen, MD*
- 3:25 p.m. **Adjourn**

Register online:
chop.cloud-cme.com

Unless otherwise noted, all faculty is from Children's Hospital of Philadelphia and/or the Perelman School of Medicine at the University of Pennsylvania.

Course Director

Paul M. Weinberg, MD

Senior Cardiologist

Professor of Pediatrics and Pediatric Pathology and Laboratory Medicine

Associate Professor of Radiology

Course Faculty

Jonathan M. Chen, MD

Chief, Division of Cardiothoracic Surgery

Professor of Surgery

Meryl S. Cohen, MD

Attending Cardiologist

Director, Fellowship Training Program in Pediatric Cardiology

Professor of Pediatrics

Mark A. Fogel, MD

Attending Cardiologist

Professor of Pediatrics and Radiology

David J. Goldberg, MD

Attending Cardiologist

Associate Professor of Pediatrics

Matthew A. Harris, MD

Associate Director, Cardiac Magnetic Resonance

Associate Professor of Pediatrics and Radiology

Christopher Mascio, MD

Attending Surgeon

Associate Professor of Clinical Surgery

Matthew J. O'Connor, MD

Medical Director, Heart Failure and Transplantation Program

Assistant Professor of Clinical Pediatrics

Michael D. Quartermain, MD

Director, Echocardiography Laboratory

Associate Professor of Clinical Pediatrics

Lindsay S. Rogers, MD

Education Director, Echocardiography Laboratory

Assistant Professor of Clinical Pediatrics

Jill J. Savla, MD

Attending Cardiologist

Assistant Professor of Pediatrics