

COURSE REGISTRATION

Register online at
[www.mottchildren.org/
fetalcardiologyconference](http://www.mottchildren.org/fetalcardiologyconference)

Physicians	\$180
Other health care professionals/ retired physicians	\$135
Online participants	\$ 90
Students (in-person or online)	\$ 60

Payment is due at time of registration.
In person conference will include
hands-on live scanning.

Registration Cancellation Policy
Cancellations/refunds evaluated on
an individual basis.

Online Participation
Online participants may participate
remotely from any location with
internet access through Webex.



**On-site Conference Location
Information**
University of Michigan Health-West
The Grand Conference Room
2122 Health Drive
Wyoming, MI 49519

Questions
Call M-LINE at 800-962-3555
or email Janet Houghan at
houghaja@med.umich.edu

www.mottchildren.org/fetalcardiologyconference

M | **C.S. MOTT CHILDREN'S HOSPITAL**
UNIVERSITY OF MICHIGAN HEALTH

Department of Communication
2901 Hubbard St., Suite 2400 SPC 2435
Ann Arbor, MI 49109-2435

Return Service Requested

**FETAL CARDIOLOGY CONFERENCE
– IMAGING OF THE FETAL HEART**

April 27, 2024

On-site and online participation options available.

FETAL CARDIOLOGY CONFERENCE | IMAGING OF THE FETAL HEART



**Saturday, April 27, 2024
8 a.m. – 4 p.m. ET**

University of Michigan
Health-West
The Grand Conference Room
2122 Health Drive
Wyoming, MI 49519

*Brought to you by the Congenital Heart Center at University of
Michigan Health C.S. Mott Children's Hospital, Michigan's #1
Pediatric Cardiology and Heart Surgery Program.*



CONGENITAL HEART CENTER

M | **C.S. MOTT CHILDREN'S HOSPITAL**
UNIVERSITY OF MICHIGAN HEALTH

WHO SHOULD ATTEND

This full-day program is intended for medical professionals and trainees who are involved in fetal cardiac screening by performing or interpreting ultrasound images of the fetal heart – including sonographers, obstetricians, radiologists, maternal fetal medicine specialists, and midwives, among others. It will focus on imaging of the fetal heart with formal lectures and live imaging of normal and abnormal fetal hearts. Our aim is to optimize the utility and performance of fetal cardiac screening to increase prenatal detection rates of congenital heart defects. The course will involve reviewing the recommended cardiac screening views, evaluating of fetal cardiac rhythm, image optimization, indications for referral for fetal echocardiogram, and more.



CONFERENCE OBJECTIVES

After attending this activity, participants will be able to utilize new techniques in ultrasound used in fetal heart imaging to:

- perform and/or interpret the recommended cardiac screening views.
- detect fetal cardiac abnormalities, identified on the recommended cardiac screening views.
- identify indications when a referral to a fetal cardiologist is needed.

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COURSE SCHEDULE

8 a.m.	Registration and Continental Breakfast
8:25 a.m.	Opening Remarks Katie Mowers, MD and Sarah Gelehrter, MD <i>Pediatric Cardiologists, U-M Health C.S. Mott Children's Hospital</i>
	SESSION 1
8:35 a.m.	Fetal Echo vs Fetal Cardiac Screening: Who? When? Where? and Why? Katie Mowers, MD <i>Pediatric Cardiologist, UM Health-West (Grand Rapids, MI)</i>
8:55 a.m.	Fetal Echo Image Optimization Riley Bigelow, BS, RDCS <i>Pediatric Cardiac Sonographer, UM Health-West (Grand Rapids, MI)</i>
9:15 a.m.	Normal Cardiac Screening Views Carly Fifer, MD <i>Pediatric Cardiologist, U-M Health C.S. Mott Children's Hospital (Ann Arbor, MI)</i>
9:35 a.m.	Cardiac Causes of Hydrops Sonal Owens, MD <i>Pediatric Cardiologist, U-M Health C.S. Mott Children's Hospital (Ann Arbor, MI)</i>
9:55 a.m.	Panel Questions
10:15 a.m.	Break
	SESSION 2
10:30 a.m.	Abnormal 4 Chamber View Alyssa Vermuelen, DO <i>Pediatric Cardiologist, U-M Health C.S. Mott Children's Hospital at Sparrow (Lansing, MI)</i>
10:55 a.m.	Abnormal Outflow Tract Views Clint Cochran, MD <i>Pediatric Cardiologist, U-M Health C.S. Mott Children's Hospital at Trinity Health Oakland (Pontiac, MI)</i>
11:20 a.m.	Abnormal Great Arteries - Aortic Arch and Venous Abnormalities Sara Sadat-Hossieny, MD <i>Pediatric Cardiologist, U-M Health C.S. Mott Children's Hospital (Ann Arbor and Brighton, MI)</i>
11:45 a.m.	Panel Questions
12 p.m.	Lunch
<i>For the afternoon sessions, in-person participants can choose between A and B sessions. Virtual participants can only attend A sessions. Spots for hands-on live scanning (session B) are limited and require pre-registration.</i>	
	SESSION 3A
1 p.m.	Critical Cardiac Diagnosis Katie Mowers, MD <i>Pediatric Cardiologist, UM Health-West (Grand Rapids, MI)</i>
1:20 p.m.	Diagnosis and Treatment of Fetal Arrhythmias Kate DeWeert, MD <i>Pediatric Cardiologist, U-M Health C.S. Mott Children's Hospital (Ann Arbor and Brighton, MI)</i>
1:40 p.m.	Fetal Echo in Cardiac and Non-Cardiac Fetal Interventions Thor Thorsson, MD <i>Pediatric Cardiologist, U-M Health C.S. Mott Children's Hospital (Ann Arbor, MI)</i>
2 p.m.	Panel Questions

2:15 p.m.	Break
	SESSION 4A
2:30 p.m.	Delivery Planning Sarah Gelehrter, MD <i>Pediatric Cardiologist, U-M Health C.S. Mott Children's Hospital (Ann Arbor, MI)</i>
2:50 p.m.	Ethical Considerations in Pregnancy Complicated by Congenital Heart Disease Naomi Laventhal, MD <i>Neonatologist, U-M Health C.S. Mott Children's Hospital (Ann Arbor, MI)</i>
3:10 p.m.	Caring for Mothers with Congenital Heart Disease Elizabeth Langen, MD <i>Maternal-Fetal Medicine Specialist, U-M Health C.S. Mott Children's Hospital and Von Voigtlander Women's Hospital (Ann Arbor, MI)</i>
3:30 p.m.	Panel Questions
	SESSION 3B and 4B – Live Scanning
1 p.m. - 3:30 p.m.	Live Scanning: Patients with Normal Fetal Hearts and Congenital Heart Defects <i>Cardiac virtual reality station</i>
3:45 p.m.	Closing Remarks

COURSE FACULTY

Riley Bigelow, BS, RDCS, *Pediatric Cardiac Sonographer, Michigan Medicine*
Clint Cochran, MD, *Clinical Assistant Professor, Pediatric Cardiology, Michigan Medicine*
Kate DeWeert, MD, *Clinical Instructor, Pediatric Cardiology, Michigan Medicine*
Carly Fifer, MD, *Clinical Professor, Pediatric Cardiology, Fellowship Program Director, Michigan Medicine*
Sarah Gelehrter, MD, *Clinical Professor, Pediatric Cardiology, Michigan Medicine*
Elizabeth Langen, MD, *Clinical Associate Professor, Maternal Fetal Medicine, Michigan Medicine*
Naomi Laventhal, MD, *Clinical Professor, Neonatology, Michigan Medicine*
Katie Mowers, MD, *Clinical Assistant Professor, Pediatric Cardiology, Michigan Medicine*
Sonal Owens, MD, *NEED TITLE HERE, Pediatric Cardiology, Michigan Medicine*
Sara Sadat-Hossieny, MD, *Clinical Assistant Professor, Pediatric Cardiology, Michigan Medicine*
Thor Thorsson, MD, *Clinical Associate Professor, Pediatric Cardiology, Michigan Medicine*
Alyssa Vermuelen, DO, *Clinical Assistant Professor, Pediatric Cardiology, Michigan Medicine*

COURSE PLANNING COMMITTEE

Jill Brown, MSN, RN, *Clinical Outreach Specialist, Michigan Medicine*
Rachel L. Case, RN, *Prenatal Heart Program, Michigan Medicine*
Gwen Fosse, RN, BSN, MSA, *Clinical Outreach Specialist, Congenital Heart Center, Michigan Medicine*
Sarah K. Gelehrter, MD, *Pediatric Cardiologist, Michigan Medicine*
Judy Hahn, BSN, *Prenatal Heart Program, Michigan Medicine*
Janet Houghan, *Senior Project Manager, Michigan Medicine*
Georgina Koch, BA, *Senior Physician Liaison, Physician Relations and Outreach, Michigan Medicine*
Katie Lynn Mowers, MD, *Pediatric Cardiologist, Michigan Medicine*
Laurie Popma, *Administrative Assistant, Specialty Services, UM Health-West*
Rachel Zeichman, *Lead Brand Manager, Department of Communication, Michigan Medicine*

ACCREDITATION AND CREDIT DESIGNATION

The University of Michigan Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Michigan Medical School designates this live activity for a maximum of 6.00 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Michigan Board of Nursing considers continuing education approved by the ACCME as acceptable continuing education for license renewal or relicensure without limitation.