



FETAL CARDIOLOGY WORKSHOP 2021

Fetal Echocardiography in Congenital Heart Disease

Saturday, September 11, 2021 | 8:40 a.m.–2:45 p.m.

 Ann & Robert H. Lurie
Children's Hospital of Chicago®



Accreditation

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

Credit designation

The Northwestern University Feinberg School of Medicine designates this live activity for a maximum of 7.25 *AMA PRA Category 1 Credit(s)*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Course description

Ann & Robert H. Lurie Children's Hospital Chicago's Fetal Cardiac Workshop: **Fetal Echocardiography in Congenital Heart Disease**, is a single day conference that will review fetal echocardiographic assessment of congenital heart disease focusing on prenatal detection of cardiac structural abnormalities, cardiac dysfunction and fetal arrhythmia. The topics were designed to increase the participant's knowledge base through didactic lectures and reinforcement through practical approach with interesting case presentations. The talks will be led by Lurie Children's pediatric cardiologists with expertise in diagnosis and management of congenital heart disease in the fetus. Our invited keynote speaker from Children's Hospital of Philadelphia will add expertise to our conference.

The interesting case presentations will focus on applying the didactic lectures to real-life clinical scenarios. The interesting cases will emphasize the necessity for accurate diagnosis and understanding when a referral for further assessment is warranted.

Additional information

The session on Saturday, September 11, 2021 will include presentations and demonstration of live scanning with interactive Q & A sessions and moderated panel discussions with 4.75 *hours AMA PRA Category 1 Credit(s)*™ available. Two and a half (2.5) additional credit hours based on review of enduring on-demand material and replays of the Saturday lectures will be available to all registrants for 30 days. For more information please contact fetalechoCME@luriechildrens.org.

Intended audience

This course is designed for obstetric, maternal fetal medicine and cardiac sonographers, fellows in training, obstetricians, maternal fetal medicine specialists, pediatric cardiologists and sonography students embarking on a career in fetal cardiac sonography. Participants should have a basic understanding of fetal imaging.

Course objectives

This course will focus on prenatal detection and fetal echocardiographic evaluation of congenital heart diseases such as cardiac structural abnormalities, cardiac dysfunction and fetal arrhythmia. Upon conclusion of this educational meeting, attendees should have improved their ability to:

- Discuss existing guidelines and indications for fetal echocardiography
- Review normal fetal cardiac physiology and perinatal transition
- Assess normal fetal cardiac anatomy, function and rhythm by echocardiography
- Identify fetal echocardiographic features in congenital heart defects, fetal arrhythmia and cardiac dysfunction
- Apply learned techniques to optimize fetal echocardiographic images to accurately assess cardiac abnormalities

Course information

DATE	Saturday, September 11, 2021, 8:40 a.m.–2:45 p.m.
LOCATION	Virtual activity
COST	Online registration for this event is \$75. Registration closes Friday, September 3, 2021 or once capacity is met.
REFUNDS	Cancellations must be received in writing by August 27, 2021 and will be subject to a \$25 processing fee. No refunds will be granted after that date.

Agenda

TIME	TITLE	SPEAKER
8:40–9 a.m.	Welcome and Technical Check	Sheetal Patel, MD, Course Director Bridget Zoeller, MD, Course Co-Director
9–9:20 a.m.	Normal Fetal Echocardiographic Views and Image Optimization	Sheetal Patel, MD
9:40-9:40 a.m.	Assessment of Fetal Cardiac Function	Sheetal Patel, MD
9:40–10:10 a.m.	Fetal Arrhythmia	Bridget Zoeller, MD
10:10–10:40 a.m.	Live scanning of a normal fetal heart	Michael Carr MD Zhanna Roytman, RDCS
10...40–10:55 a.m.	Q&A/Panel Discussion	S. Patel, B. Zoeller, M. Carr, Z. Roytman
10:55–11:20 a.m.	BREAK/BREAKOUT ROOMS	
11:20–11:40 a.m.	Evaluation of fetal intracardiac shunts	Nicholas Brown, MD
11:40 a.m.–Noon	Transposition of the Great Arteries	Kelly Cox, MD
Noon–12:10 p.m.	Interesting Case Presentation	Dayana Haro, RDCS
12:10–12:40 p.m.	Live scanning of a fetus with congenital heart disease	Bridget Zoeller, MD Zhanna Roytman, RDCS
12:40–1:10 p.m.	BREAK/BREAKOUT ROOMS	
1:10–1:40 p.m.	Left Sided Obstructive Lesions: Coarctation of Aorta to Hypoplastic Left Heart Syndrome	Jack Rychik, MD
1:40–2 p.m.	Tetralogy of Fallot	Amy Lay, MD
2–2:30 p.m.	Heterotaxy	Nazia Husain, MBBS
2:30–2:45 p.m.	Q&A/Panel Discussion	J. Rychik, A. Lay, N. Husain

Pre-recorded sessions for additional CME

TIME	TITLE	SPEAKER
20 min	Prenatal Detection Rate and Indications for a Fetal Echo	George Verghese, MD
20 min	Fetal Physiology and Perinatal Transition	Nina Gotteiner, MD
20 min	Tricuspid Valve Abnormalities	Joyce Woo, MD
20 min	Truncus Arteriosus	Mehmet Gulecyuz, MD
20 min	Pulmonary Valve Abnormalities	Sandhya Ramlogan, MD
20 min	Venous Anomalies	Joyce Johnson, MD
15 min	Interesting Case Presentation	Aneta Cenda, RDCS
15 min	Interesting Case Presentation	Vera Khlonova, RDCS

About the presenters

Sheetal R. Patel, MD, MSCI, FAAP Course Director

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