

*12th Annual Symposium*

# Hot Topics in Fetal Cardiology – **YOU GOTTA HAVE HEART!**

Live Internet Activity

**MAY 1, 2021**

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**Icahn  
School of  
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*Kravis Children's Hospital*

*Provided by*  
Department of Pediatrics at the Icahn School of Medicine

**Online Registration: <https://mssm.cloud-cme.com/Fetal2021>**

# 12th Annual Symposium

## Hot Topics in Fetal Cardiology – YOU GOTTA HAVE HEART!

### PROGRAM DESCRIPTION

This CME activity will review current knowledge and advances in fetal cardiac imaging and care that impact the detection and management of cardiovascular disease in the fetus. The format will include lectures, case presentations and interactive panel discussions.

The focus will include assessment of fetal hemodynamic derangements in non-primary cardiac disease, determinants of fetal neurodevelopment, comprehensive fetal care (inclusive of counseling, multidisciplinary heart program model and trainee education), healthcare disparities in fetal cardiac care and latest advances and innovations in fetal cardiology including early gestation and 3D fetal imaging, maternal hyper-oxygenation and remote fetal medicine.

This educational activity will feature nationally recognized physicians/educators who will provide new and updated information on diagnosis and disease management. The activity will address available data on outcomes in order for the physician to counsel and manage patients appropriately. Learners will come away from the Symposium with renewed confidence in the latest fetal cardiac imaging and care developments, ultimately improving clinical outcomes

### LEARNING OBJECTIVES

*At the conclusion of this activity, participants will be able to:*

- Understand the fetal hemodynamic derangements associated with non-primary cardiac disease, including technical means of assessing by non-invasive imaging, and potential fetal interventions.
- Understand the factors associated with fetal neurodevelopment in congenital heart disease, what modifiable factors may be present, and how this affects outcomes.
- Describe the components important to comprehensive fetal cardiac care, including the fetal heart program model, counseling and education.
- Understand how racial and socioeconomic factors impact equity in fetal cardiac care, how this affects outcomes, and what can be done to improve equity.
- Describe the latest in fetal cardiac imaging, including technical advances in early gestation and 3D imaging.
- Review latest innovations in fetal cardiac care including maternal hyper-oxygenation and remote monitoring/fetal telemedicine.

### WHO SHOULD ATTEND

Physicians, trainees, sonographers, nurse practitioners and physician assistants in the fields of congenital cardiology, obstetrics, perinatal medicine and radiology.

# AGENDA

10:00-10:15am EST Introduction  
*Kenan W.D. Stern, MD*

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## Session 1

### Non-primary cardiac disease and neurodevelopment: "It's not the heart . . . or is it?"

*Moderators: Jennifer Lam-Rachlin, MD and Jennifer Cohen, MD*

- 10:15-10:30 High-output lesions: hemodynamic assessment and management  
*Anita Moon-Grady, MD*
- 10:30-10:45 Twin-twin transfusion syndrome: cardiac manifestations, fetal therapies  
*Jack Rychik, MD*
- 10:45-11:00 Brain abnormalities in fetal CHD: predicting and modifying neurodevelopmental outcomes  
*Caitlin Rollins, MD, SM*
- 11:00-11:15 Moderated Q and A
- 11:15-11:30 **BREAK/EXHIBITS**
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## Session 2

### Comprehensive Fetal Heart Care: "It's more than just the heart"

*Moderators: Stephanie Levasseur, MD, FRCPC and Erin Paul, MD*

- 11:30-11:45 Multidisciplinary approach: the Fetal Heart Program team  
*Miwa Geiger, MD and Michele Cafone, MSN, RN, CPNP*
- 11:45-12:00 Update on prenatal diagnosis: benefits (and potential downsides)  
*Shubhika Srivastava, MBBS, FASE, FACC, FAAP*
- 12:00-12:15 Education in fetal cardiology: training future generations of sonographers and fetal/perinatal cardiac experts  
*Theresa A. Tacy, MD*
- 12:15-12:30 Healthcare disparities in fetal cardiac diagnosis and care: how can we serve our patients better?  
*Erin Paul, MD*
- 12:30-12:45 Moderated Q and A
- 12:45-1:15 **BREAK/EXHIBITS**
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## Session 3

### Advances in Fetal Cardiology: "Ok, it's the heart"

*Moderators: Rajesh Shenoy, MD and Pe'er Dar, MD*

- 1:15-1:30 Pushing the envelope, early gestation imaging  
*Lisa Hornberger, MD*
- 1:30-1:45 What's new in 3D fetal echo?  
*Elena Sinkovskaya, MD, PhD*
- 1:45-2:00 Maternal hyper-oxygenation: prognostic and therapeutic implications  
*David N. Schidlow, MD, MMus*
- 2:00-2:15 Telemedicine in fetal cardiology: remote monitoring and other applications  
*Bettina F. Cuneo, MD*
- 2:15-2:30 Moderated Q and A
- 2:30-2:45 **BREAK/EXHIBITS**
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## Session 4

### Cases: "What an interesting heart!"

- 2:45-4:15 Case presentations and panel discussion  
*Moderators: David Ezon, MD and Denise Hayes, MD, FASE, FACC*
- 4:15-4:20 Wrap-up  
*Kenan W.D. Stern, MD*
- 4:20-5:00 **EXHIBITS**
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# FACULTY

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### GENERAL INFORMATION

#### Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Icahn School of Medicine at Mount Sinai and the New York Pediatric Echo Society. Icahn School of Medicine at Mount Sinai is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

#### Credit Designation Statement

The Icahn School of Medicine at Mount Sinai designates this live activity for a maximum of 5.0 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

#### Verification of Attendance

Will be provided to all professionals.

#### Special Needs

The Icahn School of Medicine at Mount Sinai is in full compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you require special accommodations, call the Office of CME, 212-731-7950.

#### Cancellation

A \$50 administrative fee will be deducted from all refunds/cancellations issued. All refund and cancellation requests must be emailed to the CME Office at [cme@mssm.edu](mailto:cme@mssm.edu) by **Monday, April 12, 2021**. No refunds will be made after this date or for "no-shows." No refunds will be issued for registration fees less than \$50.

#### Faculty Disclosure

It is the policy of the Icahn School of Medicine at Mount Sinai to ensure objectivity, balance, independence, transparency, and scientific rigor in all CME-sponsored educational activities. All faculty participating in the planning or implementation of a sponsored activity are expected to disclose to the audience any relevant financial relationships and to assist in resolving any conflict of interest that may arise from the relationship. Presenters must also make a meaningful disclosure to the audience of their discussions of unlabeled or unapproved drugs or devices. This information will be available as part of the course material.

REGISTER ONLINE: <https://mssm.cloud-cme.com/Fetal2021>

**Saturday, May 1, 2021**  
**LIVE INTERNET ACTIVITY**

#### REGISTER ONLINE

 <https://mssm.cloud-cme.com/Fetal2021>

#### REGISTRATION FEE

Physicians  \$75

Sonographer/RN/PA  \$50

Fellow/Resident  \$25

Last Name \_\_\_\_\_ First Name \_\_\_\_\_  
Credentials  MD  RN  NP  PA  Other (Specify) \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

E-mail \_\_\_\_\_ Specialty \_\_\_\_\_

Institution/Affiliation \_\_\_\_\_