FETAL CARDIOVASCULAR IMAGING

Saturday and Sunday
May 20-21, 2017

Icahn School of Medicine at Mount Sinai
Goldwurm Auditorium
1425 Madison Avenue
New York, NY

HANDS-ON WORKSHOP
Day 1 • Saturday, May 20 • 1:30-4:00pm
13th Floor, Annenberg Building
1468 Madison Avenue at 100th Street
New York, NY

Guest Faculty From:
Boston, Philadelphia, San Francisco, Toronto & New York

Course Directors

SHUBHIKA SRIVASTAVA, MBBS, FASE, FACC, FAAP
Professor of Pediatrics
Director Non Invasive Imaging
Director Fellowship Training Program
Icahn School of Medicine at Mount Sinai
New York, NY

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Icahn School of Medicine at Mount Sinai
Kravis Children's Hospital
Department of Pediatrics

Jointly Provided by
Department of Pediatrics at the Icahn School of Medicine at Mount Sinai
New York Pediatric Echo Society

REGISTER ONLINE: www.icahn.mssm.edu/cme/courses
Fetal Cardiovascular Imaging

PROGRAM DESCRIPTION
This CME activity will focus on review of current knowledge, standards, guidelines and advances in the field of fetal cardiology. The focus will be on fetal cardiovascular assessment inclusive of cardiac anatomy, hemodynamics, rhythm and impact of extra cardiac anomalies on fetal circulation and outcome. This will be achieved using expert lectures, interactive panel discussions and case presentations. There will also be a workshop that will allow for focused learning of standard fetal cardiac and hemodynamic assessment.

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

- Describe the complete assessment of fetal cardiac anatomy and physiology.
- Describe the normal fetal hemodynamic assessment and recognize derangements seen in fetal heart defects and multiple gestations and their impact on outcomes
- Identify anatomic predictors in complex congenital heart disease diagnosed in utero and identify candidates for in utero cardiac interventions.
- Appraise current data on neurologic outcomes and quality of life in children with repaired congenital heart disease in the current era
- Describe fetal rhythm abnormalities and decide on therapeutic and management options

WHO SHOULD ATTEND
Pediatric and Congenital Cardiologists, Pediatric Cardiologists-in-Training, Obstetric and High Risk Obstetrics residents in training; Obstetricians and High Risk Perinatologists; Sonographers, Nurses, Nurse Practitioners, and Physician Assistants involved in Perinatal and High Risk OB care.
7:00 – 7:45 am  Registration  
7:45 – 8:00  Welcome  
Shubhika Srivastava, MBBS

SESSION I: Fetal Hemodynamic Assessment – Challenges and Outcomes  
Chairs: Miwa Geiger, MD and Laurie Panesar, MD  
8:00 – 8:20  Fetal Cardiovascular Imaging: Current Challenges  
Joanne Stone, MD  
8:20 – 8:45  Hemodynamic Derangements with IUGR and Extra Cardiac Abnormalities  
Anita J. Moon Grady, MD  
8:45 – 9:10  Fetal Hydrops in Association with Congenital Heart Defects  
Edgar Jaeggi, MD  
9:10 – 9:35  Multiple Gestation: Evaluation and Outcomes  
Andrei Rebarber, MD  
9:35 – 9:50  Panel Discussion  
9:50 – 10:15  BREAK  
10:15 – 10:40  Fetal Interventions – Recognizing Who Needs It  
Wayne Tworetzky, MD  
10:40 – 11:05  Advanced Imaging Modalities and Therapy (CMR and Maternal Oxygenation) - Role in Diagnosis and Management  
Jack Rychik, MD  
11:05 – 11:15  Panel Discussion  
11:15 – 11:30  BREAK

SESSION II: Panel Discussion with Cases  
Chairs: Kenan W. Stern, MD and Irene D. Lytrivi, MD  
11:30 – 12:30 pm  Topic: How Do Hemodynamic Derangements Impact Outcomes  
Moderators: Kenan W. Stern, MD and Irene D. Lytrivi, MD  
Panelists: Andrei Rebarber, MD; Joanne Stone, MD; Jack Rychik, MD; Edgar Jaeggi, MD; Wayne Tworetzky, MD; Anita J. Moon-Grady, MD  
12:30 – 1:30  LUNCH

SESSION III: Hands-On Workshops  
13th Floor Annenberg Building, 1468 Madison Avenue, New York, NY  
Chairs: H. Helen, Ko, BS and Shubhika Srivastava, MBBS  
1:30 – 4:00 pm  Workshop 1: Assessment of Fetal Cardiac Morphology  
Miwa Geiger, MD and Rosalie B. Castaldo, RDMS  
Workshop 2: Hemodynamic Assessment  
Rajesh Shenoy, MD and Jen You, BS, RDMS  
Workshop 3: Strain (Non-Fetal)  
Shubhika Srivastava, MBBS and Santosh Uppu, MD  
Workshop 4: 3D (Non-Fetal)  
H. Helen Ko, BS
DAY 2 • SUNDAY, MAY 21, 2017
Goldwurm Auditorium, 1425 Madison Avenue, New York, NY

7:00 – 8:00 am  Registration
8:00 – 8:10  Welcome
   Shubhika Srivastava, MBBS

SESSION IV: Fetal Rhythm Abnormalities and Cardiomyopathy
Chairs: Julie Glickstein, MD and Preeta Dhananwatri, MD
8:15 – 8:40  Screening, Assessment and Management of Heart Block
   Edgar Jaeggi, MD
8:40 – 9:05  Assessment and Management of Fetal SVT
   Amee M. Shah, MD
9:05 – 9:30  Assessment and Management of Fetal Cardiomyopathy
   Colin K. Phoon, MD
9:30 – 10:00  BREAK

SESSION V: Assessment and Outcome of Fetal CHD – Single versus Bi-Ventricular Outcomes
Chairs: Elena N. Kwon, MD and Kenan W. Stern, MD
10:00 – 10:30  Left Sided Hypoplasia Including Critical Aortic Valve Stenosis
   Wayne Tworetzky, MD
10:30 – 11:00  Critical Pulmonary Valve Stenosis/ Pulmonary Atresia and Intact Ventricular Septum
   Anita J. Moon-Grady, MD
11:00 – 11:30  Complex Congenital Heart Disease: Double Outlet Right Ventricle
   Ira Parness, MD
11:30 – 12:00 noon  Counselling for Single Ventricular Outcomes
   Jack Rychik, MD
12:00 – 12:30  Genetic Testing Following Fetal Diagnosis of Congenital Heart Disease
   Bruce Gelb, MD
12:30 – 1:30  LUNCH

SESSION VI: Counselling and Planning Postnatal Management
1:30 – 4:00 pm  Fetal Diagnosis through childhood – The Journey: A Multidisciplinary Panel Discussion
   Moderators: Rachel L. Justus, LCSW; Shubhika Srivastava, MBBS; Stefanie Levasseur, MD
   Panel: The panel will include parents, physicians, social workers, obstetricians, pediatricians, cardiologists, neonatologists, and care coordinators.
COURSE DIRECTOR

SHUBHIKA SRIVASTAVA, MBBS, BAAP, FACC, FASE
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GUEST FACULTY

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ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

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JEN YAU, BS, RDQS
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The Mount Sinai Hospital
New York, NY
REGISTRATION INFORMATION

REGISTRATION FEES

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<thead>
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1425 Madison Avenue, New York, NY

WORKSHOP LOCATION
Icahn School of Medicine at Mount Sinai
Room 13-01, 13th Floor, Annenberg Building
1468 Madison Avenue @ 100th Street, New York, NY

Directions and Parking
www.mountsinai.org/about-us/visiting-us/directions
Discounted parking is available on East 99th Street between Madison & Park Avenues. Parking ticket will be validated at the Registration Desk.

Hotel Accommodations
Please contact our Housing Manager, Denise Newman, Email: dnew229@aol.com or Phone: 718-835-4911. Fax: 718-835-8661.

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 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 12.25 AMA PRA Category 1 Credit(s)™. 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 30% 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 by Monday, April 17, 2017. No refunds will be made after this date or for "no-shows."

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.

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Last Name First Name

Credentials: □ MD □ RN □ NP □ PA □ Other (Specify)___________________________________________

Mailing Address

City State Zip

Phone

E-mail

Specialty

Institution/Affiliation

TWO WAYS TO REGISTER

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The Page and William Black Post-Graduate School
One Gustave L. Levy Place, Box 1193
New York, NY 10029-6574

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