IMAGING & OUTCOMES IN CONGENITAL HEART DISEASES: Personalized Care from Fetus to Adult

Saturday and Sunday
April 28-29, 2018

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

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

PETER PASTUSZKO, MD
Professor, Department of Cardiovascular Surgery
Chief of Pediatric Cardiac Surgery
Director of Pediatric Cardiovascular Services
Mount Sinai Health System
New York, NY

FEATURING HANDS-ON WORKSHOP
Day 1 • Saturday, April 28 • 1:45-4:30pm
12th Floor, Annenberg Building
1468 Madison Avenue at 100th Street
New York, NY

Guest Faculty From:
Boston, Germany, Kansas City, Miami, New York, Peoria, Philadelphia, Phoenix, San Francisco, Stanford, Toronto and Washington DC

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: https://mssm.cloud-cme.com
PROGRAM DESCRIPTION

This CME activity will focus on review of current knowledge, standards, guidelines and advances in the field of fetal cardiology, pediatric cardiology and adult congenital heart disease with a focus on imaging. The focus for fetal cardiovascular assessment will be inclusive of cardiac anatomy, hemodynamics, rhythm and impact of extra cardiac anomalies on fetal circulation and outcome. Complex congenital heart disease diagnosis and assessment and management through adulthood will also be covered. This will be achieved using expert lectures, interactive panel discussions and case presentations.

The workshops will focus on standard fetal cardiac and hemodynamic assessment as well as transthoracic imaging, simulation, advanced myocardial deformation techniques and 3D imaging. Workshop sessions will also focus on multidisciplinary team roles for nurse practitioners and physician assistants.

EDUCATIONAL OBJECTIVES

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

- Describe current indications and yield for a fetal echocardiogram.
- Describe and identify barriers to screening for congenital heart disease in the fetus and provide appropriate counseling and management.
- Describe and identify barriers to diagnosis, care and management of an adult with congenital heart disease.
- Explain to imagers and caregivers how to utilize multimodality imaging in better understanding of complex cardiac morphology to help with surgical planning and education of the caregivers thereby improving patient outcomes.
- Describe long term outcomes in adults with tetralogy of fallot and Fontan circulation and how to properly utilize multimodality imaging to plan interventions.
- Describe quality improvement initiatives in imaging and their incorporation into a clinical practice.

WHO SHOULD ATTEND

Physicians, trainees, sonographers, nurse practitioners and physician assistants in the fields of congenital cardiology, obstetrics, perinatal medicine and radiology.
DAY 1 • SATURDAY, April 28, 2018

7:00 – 8:30 am  Registration and Continental Breakfast
8:30 – 8:40  Welcome
Shubhika Srivastava, MBBS

SESSION I: Early Diagnosis and Impact on Management
Chairs: Joanne Stone, MD and Colin K. Phoon, MD
8:40 – 9:05  Fetal Cardiac Guidelines: How Can They Help Us?
Mary T. Donofrio, MD
9:05 – 9:25  The MFM Perspective: Extra Cardiac Factors That Impact Management
Andrei Rebarber, MD
9:25 – 9:55  Beyond Fetal Echocardiography: Role for Fetal Cardiac MRI
Mike Seed, MBBS
9:55 – 10:15 Fetal Interventions and Management – Ebsteins
Lindsay Freud, MD
10:15 – 10:45  Q & A
10:45 – 11:15  BREAK

SESSION II: Team Approach and Quality Improvement
Chairs: Laurie E. Panesar, MD and Preeta Dhanantwari, MD
11:15 – 11:30  Prenatal Factors that Influence Postnatal Outcomes
Jack Rychik, MD
11:30 – 11:45  Communication and Care in the ICU
George Ofori-Among, MD
11:45 – 12:00 Noon  Communication with your Surgeon: What We Need to Know
Peter Pastuszko, MD
12:00 – 12:15 pm  Quality Initiatives in Imaging
Leo Lopez, MD
12:15 – 12:30  Incorporating Quality Measures into Echo Lab Workflow
Anitha Parthiban, MD
12:30 – 12:45  Q & A
12:45 – 1:45  LUNCH

SESSION III: Hands-On Workshops
12th Floor Annenberg Building, 1468 Madison Avenue, New York, NY
Chair: H. Helen, Ko, BS
1:45 – 4:30 pm
Workshop 1: Hands-On Imaging
Miwa Geiger, MD; Rosalie B. Castaldo, RDCS; Allen Kan, RDCS; Laurie E. Panesar, MD; Sangeeta Sharma, MD; Rajesh U. Shenoy, MD; Kenan Stern, MD; Melanie Tan, BS; Jen Yau, BSS
Workshop 2: Strain and 3D Data Sets
H. Helen Ko, BS and Shubhika Srivastava, MBBS
Workshop 3: Multidisciplinary Team: Establishing Workflow and Quality Care
Michele Cafone, MSN; Jill Combs, MSN; Judith Tenerbaum, RN
Didactic Session 1: Screening Protocols: Fetal Imaging
Preeta Dhanantwari, MD and Rosalie B. Castaldo, RDCS
Didactic Session 2: Fetal Imaging: Hemodynamic Assessment
Rajesh U. Shenoy, MD and Jen Yau, BS
Sim Session: Simulation: Imaging TTE
Jeffrey Dayton, MD; Alan Groves, MD; Michael Weidenbach, MD
SESSION IV: Tetralogy of Fallot

**Chairs:** David Ezon, MD and Stephanie Levasseur, MD

- **8:40 – 9:00** Fetal Diagnosis and Predictors
  - Miwa Geiger, MD
- **9:00 – 9:15** When and Why to Intervene after Surgery
  - Kenan Stern, MD
- **9:15 – 9:30** Surgery versus Catheter Intervention of Pulmonary Valve Replacement
  - Peter Pastuszko, MD
- **9:30 – 9:45** Adults with Repaired TOF: How to Follow Them – Case Based Approach
  - Barry Love, MD
- **9:45 – 10:00** Q & A

SESSION V: Complex Congenital Heart Disease – Decision Making

**Chairs:** Joseph Mahgerefteh, MD and David Ezon, MD

- **10:30 – 11:00** DORV: Single versus Bi Ventricular Repair
  - Stephen P. Sanders, MD
- **11:00 – 11:30** Alignment versus Concordance
  - Ira Parness, MD
- **11:30 – 12:00 Noon** Beyond Echocardiography
  - Mathew T. Bramlet, MD
- **12:00 – 12:20 pm** Planning for a Fontan: Role of Imaging
  - Mark A. Fogel, MD
- **12:20 – 12:45** Life with a Fontan: Determinants of Outcome
  - Ali N. Zaidi, MD
- **12:45 – 1:45** LUNCH

SESSION VI: Morphology Influences Clinical Outcomes

**Chairs:** Jeffrey Dayton, MD and Irene D. Lytrivi, MD

- **1:45 – 2:15** Double Inlet Left Ventricle
  - Stephen P. Sanders, MD
- **2:15 – 2:40** Ventricular Size Discrepancy in Fetus
  - Jack Rychik, MD
- **2:40 – 3:05** Aortopathy in Congenital Heart Disease
  - Seda Tierney, MD
- **3:05 – 4:00** Coronary Artery Morphology Impacts Outcomes: Case Based Panel Discussion
  - Moderator: Shubhika Srivastava, MBBS
  - Panelists: Lori Croft, MD; Ira Parness, MD; Colin K. Phoon, MD; Santosh C. Uppu, MD
GENERAL INFORMATION

REGISTRATION FEES

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CONFERENCE LOCATION
Goldwurm Auditorium
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 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 12.50 AMA PRA Category 1 Credits™. 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 by Monday, March 26, 2018. 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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TWO WAYS TO REGISTER

Online: https://mssm.cloud-cme.com

Mail this form with your check to:
Icahn School of Medicine at Mount Sinai, Attn: CME Office
The Page and William Black Post-Graduate School
One Gustave L. Levy Place, Box 1193
New York, NY 10029-6574

Enclosed is my check for $________ payable to:
The Page and William Black Post-Graduate School

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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

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