

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

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Director Non Invasive Imaging

Icahn School of Medicine at Mount Sinai

New York, NY

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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**



**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

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IMAGING & OUTCOMES IN CONGENITAL HEART DISEASES:

Personalized Care from Fetus to Adult

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-Amanfo, 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, BS*

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 Tenenbaum, 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

DAY 2 • SUNDAY, April 29, 2018

7:30 – 8:30 am Registration and Continental Breakfast

8:30 – 8:40 Welcome
Shubhika Srivastava, MBBS

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

10:00 – 10:30 BREAK

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

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The Mount Sinai Hospital
New York, NY

GENERAL INFORMATION

REGISTRATION FEES

| | Day 1 Only | Day 2 Only | Day 1 Workshop Only (after lunch) | Both Days |
|----------------------|------------|------------|--------------------------------------|-----------|
| Physicians | \$190 | \$190 | \$ 75 | \$360 |
| Cardiac Sonographers | \$130 | \$130 | \$ 75 | \$230 |
| RN/PA | \$130 | \$130 | \$ 75 | \$230 |
| Fellows/Residents | \$ 90 | \$ 90 | \$ 50 | \$150 |

CONFERENCE LOCATION

Goldwurm Auditorium

1425 Madison Avenue, New York, NY

WORKSHOP LOCATION

Icahn School of Medicine at Mount Sinai

12th 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.

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

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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Workshop Location: 12th Floor, Annenberg Building

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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

REGISTRATION FEES

| | Day 1 Only | Day 2 Only | Day 1 Workshop Only (after lunch) | Both Days |
|----------------------|--------------------------------|--------------------------------|--------------------------------------|--------------------------------|
| Physicians | <input type="checkbox"/> \$190 | <input type="checkbox"/> \$190 | <input type="checkbox"/> \$ 75 | <input type="checkbox"/> \$360 |
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| Fellows/Residents | <input type="checkbox"/> \$ 90 | <input type="checkbox"/> \$ 90 | <input type="checkbox"/> \$ 50 | <input type="checkbox"/> \$150 |

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|--|-----------|------------|
| Last Name | | First Name |
| Credentials <input type="checkbox"/> MD <input type="checkbox"/> RN <input type="checkbox"/> NP <input type="checkbox"/> PA <input type="checkbox"/> Other (Specify) _____ | | |
| Mailing Address _____ | | |
| City | State | Zip |
| Phone _____ | | |
| E-mail | Specialty | |
| Institution/Affiliation _____ | | |

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