



Icahn
School of
Medicine at
Mount
Sinai

17th Annual ECHO New York

October 7 - 9, 2017

FOUNDING DIRECTOR

Farooq A. Chaudhry, MD, FACP, FACC, FASE, FAHA

DIRECTOR

Jagat Narula, MD, PhD, MACC

CO-DIRECTORS

Edgar Argulian, MD, MPH, FACC, FASE

Eyal Herzog, MD

LOCATION

Icahn School of Medicine at Mount Sinai

Stern Auditorium

1468 Madison Avenue @ 100th Street

New York, NY

www.ichn.mssm.edu/cme/courses

GENERAL INFORMATION

Echo NY was founded by Farooq A. Chaudhry, MD in 2001 and has been a constant feature on Columbus Day for more than 16 years. Dr. Chaudhry, a friend to all, a mentor to many and a human par excellence died suddenly on August 29, 2017. We would like to memorialize this conference as a tribute to his contribution to the discipline of echocardiography. We have started a **Farooq A. Chaudhry Memorial Oration** this year, and the first awardee is his mentor, Prof. Robert O. Bonow.

PROGRAM DESCRIPTION

Basic echocardiography will be reviewed and the latest advances in echocardiography will be demonstrated through lecture, live demonstrations and case studies. Participants will be exposed to principles of imaging, exercise and pharmacological stress, contrast, harmonics, Doppler tissue imaging, strain, strain rate, cardiac resynchronization and 2D, 3D and 4D transesophageal echocardiography, valvular, structural heart disease, coronary, myocardial and congenital heart disease. Case studies will be interspersed throughout each lecture to emphasize the importance and clinical utility of each technique discussed.

EDUCATIONAL OBJECTIVES

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

- Describe the basic physics of ultrasound and Doppler echocardiography.
- Identify the basic role of echocardiography to evaluate valvular and myocardial diseases, with an emphasis on newer imaging modalities.
- Evaluate the role of echocardiography in patients presenting with stroke for cardio version and for evaluation of patients with endocarditis, tumors and abscesses.
- Apply the principles of imaging techniques for stress echocardiography including latest data on risk stratification and prognosis in patients with ischemic and non-ischemic cardiomyopathy.
- Recognize the basic principles of contrast echocardiography including interaction of contrast with ultrasound to assess the role of contrast in LV opacification, Doppler signal enhancement, evaluation of masses and myocardial perfusion.
- Assess the role of echocardiography and diagnosing the assessment of congenital heart disease.
- Use the latest literature regarding strain and strain rate imaging to identify patients who respond to cardiac resynchronization and use echocardiography optimization in patients undergoing resynchronization.
- Evaluate the role of echo in structural heart disease.
- Evaluate the current developments and clinical indications for 3D and 4D Echo in clinical practice.
- Examine the latest imaging techniques in qualification of left ventricular wall motion.

TARGET AUDIENCE

Cardiologists, Internal Medicine Physicians, Echocardiography Technicians, Sonographers and Nurses.

ACCREDITATION

The Icahn School of Medicine at Mount Sinai is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

The Icahn School of Medicine at Mount Sinai designates this live educational activity for a maximum of **20.50 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

VERIFICATION OF ATTENDANCE

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 would like to attend this conference and require any special needs or accommodations please contact the Page and William Black Post-Graduate School of Medicine at 212-731-7950.

FACULTY DISCLOSURE

It is the policy of 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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REGISTRATION INFORMATION

Fees postmarked on or before September 8, 2017

\$575 Practicing Physicians

\$375 Residents, Fellows, Sonographers, Nurses, Allied Health Professionals, Physician Assistants and Mount Sinai Health System

Fees postmarked after September 8, 2017

\$625 Practicing Physicians

\$425 Residents, Fellows, Sonographers, Nurses, Allied Health Professionals, Physician Assistants and Mount Sinai Health System

MEETING LOCATION

Icahn School of Medicine at Mount Sinai
Stern Auditorium
1468 Madison Avenue @ 100th Street
New York, NY 10029

HOTEL ACCOMMODATIONS

New York Marriott East Side
525 Lexington Avenue at 49th Street, New York, NY 10017
www.nymarriotteastside.com

A limited number of rooms at a special discounted rate of \$279.00 per night plus tax, have been reserved at the New York Marriott East Side and will be held until September 18, 2017. For room reservations, you may contact the hotel at 1 (800) 228-9290, please inform the hotel that you are with 'CME Event ECHO ROOM BLOCK', Group Code: CMECMEA – King Rooms / CMECMED – Double Bedded Rooms. Check-in time is 4:00pm and check-out is 12:00 noon.

ONLINE RESERVATIONS

You may also book your room reservations directly online Marriott.com using the following codes: CMECMEA – King Rooms / CMECMED – Double Bedded Rooms.

For Additional Hotel Accommodations: Please contact our Housing Manager, Denise Newman, Email: chnew229@aol.com or Phone: 718-835-4911 Fax: 718-835-8661.

PROGRAM SCHEDULE

DAY 1 - SATURDAY, OCTOBER 7, 2017

7:30 Registration and Continental Breakfast

7:55 Welcome and Opening Remarks

Jagat Narula, MD, PhD

KEY NOTE ADDRESS

8:00 Future of Arterial 3D Ultrasound Imaging as a Tool for Promoting Health *Valentin Fuster, MD*

ULTRASOUND PHYSICS

Moderators: Jagat Narula, MD & Edgar Argulian, MD

8:30 Basic Principles of Ultrasound Physics

Muhammed Saric, PhD

9:00 Basic Principles of: Doppler Physics

Muhammed Saric, PhD

VALVULAR DISEASE, LV AND RV FUNCTION, HEMODYNAMICS

Moderators: Jagat Narula, MD & Eyal Herzog, MD

9:30 Valvular Regurgitations: What You Must Know

Tatyana A. Danilov, MD

10:00 Valvular Stenosis: What You Must Know

Susan Hecht, MD

10:30 Refreshment Break and Exhibits

11:00 Right Ventricle Function: New Guidelines

Steve L. Liao, MD

11:30 Common Echo Artifacts: Mechanisms and How To Identify Them – with Case Studies

Muhammed Saric, PhD

12:00 Echocardiography Hemodynamics: Is Catheterization Necessary? – with Case Studies

Dennis Finkelstein, MD

12:30 Lunch (Not Included)

DIASTOLOGY; CONSTRICTION vs. RESTRICTION; CHAMBER QUANTIFICATION

Moderators: Edgar Argulian, MD & Eric H. Stern, MD

1:30 Diastology: Simplified; New Guidelines

Muhammed Saric, MD

2:00 Echocardiography in Acute Myocardial Infarction and Complications

Eyal Herzog, MD

2:30 Diseases of the Pericardium vs. Restrictive Cardiomyopathy

Edgar Argulian, MD

3:00 Refreshment Break and Exhibits

3:30 New Guidelines for Chamber Quantification

Edgar Argulian, MD

TRANSESOPHAGEAL ECHOCARDIOGRAPHY (TEE); CARDIAC MASSES

Moderators: Satish Kenchaiah, MD & Alexander J. Mitnacht, MD

4:00 Transesophageal Echocardiography

Alexander J. Mitnacht, MD

4:30 Role of TEE in Cardioversion, Stroke and Aortic Disease

Susan Hecht, MD

5:00 Endocarditis and Cardiac Masses

Edgar Argulian, MD

5:30 Adjourn

DAY 2 - SUNDAY, OCTOBER 8, 2017

7:30 Registration and Continental Breakfast

KEY NOTE ADDRESS

8:00 Real World Stress Echocardiography

Harvey Feigenbaum, MD

STRESS ECHOCARDIOGRAPHY

Moderator: Jagat Narula, MD

8:30 Stress Echocardiography: Basic Concepts and Principles

Edgar Argulian, MD

9:00 Stress Echocardiography for Risk Stratification and Prognosis in Patients with Coronary Artery Disease

Sripal Bangalore, MD

9:30 Myocardial Viability, Diagnosis, Risk Stratification and Prognosis

Y. Chandrashekhar, MD

10:00 Role of Echo in Cardio-oncology

Gagan Sahni, MD

PROGRAM SCHEDULE

10:30 Refreshment Break and Exhibits

10:50 A Tribute to Farooq A. Chaudhry

Jacqueline Wilkins

FAROOQ A. CHAUDHRY MEMORIAL ORATION

11:00 Bringing AS Guidelines to the Bedside

Robert O. Bonow, MD

STRAIN, CONTRAST AND PROSTHETIC VALVES

Moderator: Lori Croft MD

11:40 Stress Echo: Beyond Coronary Artery Disease

Amir A. Ahmadi MD

12:10 Strain Simplified with Clinical Case Studies

Harvey Feigenbaum, MD

12:40 Synopsis of Contrast Echo

Eyal Herzog, MD

1:10 Evaluation of Prosthetic Valves

Gila Perk, MD

1:40 Adjourn for Lunch (Included)

VALVULAR HEART DISEASE; STRUCTURAL HEART DISEASE

Moderator: Nina Kukar, MD

2:40 New Valvular Guidelines

Jeffrey J. Silbiger, MD

3:10 Echo in the OR: Surgeon's Perspective

Ahmed El-Eshmawi, MD

3:40 TAVR: Current State of the Art

Samin K. Sharma, MD

4:10 Refreshment Break and Exhibits

4:40 Mitral Clip: Current Concepts

Samin K. Sharma, MD

5:10 Echo in EP Lab

Vivek Reddy, MD

5:40 Current Clinical Applications of 3D/4D Echocardiography with Case Studies: Does It Make A Difference?

Tatyana A. Danilov, MD

6:10 Adjourn

DAY 3 - MONDAY, OCTOBER 9, 2017

7:30 Registration and Continental Breakfast

CONGENITAL HEART DISEASE

Moderators: Shubhika Srivastava, MD and Barry A. Love, MD

8:00 Basic Congenital Heart Disease: Case Based

Dan G. Halpern, MD

8:30 Complex Congenital Heart Disease: Case Based

Shubhika Srivastava, MD

9:00 Echo in Structural Heart Disease (with Emphasis on Case Studies)

Barry A. Love, MD

9:30 Differentiating Athlete's Heart, Left Ventricular Hypertrophy and Hypertrophic Cardiomyopathy

Mark V. Sherrid, MD

10:00 Integrating Multimodality Imaging in Transcatheter Valve Procedures: An Operator's Perspective

Gilbert Tang, MD

10:30 Refreshment Break and Exhibits

WORKSHOPS WITH LIVE DEMONSTRATION

11:00 *Moderators: Eric Stern, MD; Amir A. Ahmadi, MD; Samantha Buckley, RDMS & Robin Goldberg, RDMS*
Comprehensive Transthoracic Echocardiography Exam with Emphasis on ICAEL, Live Demonstration

11:30 *Moderators: Amir A. Ahmadi, MD; Danny Pudupud, RDMS; Stephanie Fabian, RDMS & Suzanne Schiller, RDMS*
Contrast Echocardiography: Live Demonstration of Contrast Echo with Emphasis on Knobology and Optimizing Imaging Quality

12:00 *Moderators: Eyal Herzog, MD; Amir A. Ahmadi, MD; Lisa Clark, RDMS & Adeena Traube, RDMS*
How to Obtain and Interpret Strain Data, Live Demonstration

12:30 *Moderator: Tatyana A. Danilov, MD*
3D and 4D Echo Image Acquisition, Cropping and Display: Case Studies

1:00 Closing Remarks

Conference Adjourned

FACULTY

FOUNDING DIRECTOR

Farooq A. Chaudhry, MD, FACP, FACC, FASE, FAHA

DIRECTOR

Jagat Narula, MD, PhD, MACC

*Philip J. and Harriet L. Goodhart Professor of Medicine
Associate Dean, Arnold Institute for Global Health at Mount Sinai
Icahn School of Medicine at Mount Sinai
Chief of Cardiology
Mount Sinai St. Luke's
New York, NY*

MOUNT SINAI HEALTH NETWORK FACULTY

Mount Sinai Hospital

Samantha Buckley, BS, RDCS, RDMS

*Manager, Echo Lab
The Mount Sinai Hospital
New York, NY*

Lori Croft, MD

*Associate Professor of Medicine
Interim Director, Echocardiography Laboratory
Icahn School of Medicine at Mount Sinai
New York, NY*

Ahmed El-Eshmawi, MD

*Assistant Professor
Clinical Director, Mitral Valve Program
Department of Cardiovascular Surgery
Icahn School of Medicine at Mount Sinai
New York, NY*

Valentin Fuster, MD, PhD

*Professor of Cardiology
Icahn School of Medicine at Mount Sinai
Physician-in-Chief, Mount Sinai Hospital
Director, Mount Sinai Heart
The Mount Sinai Hospital
New York, NY*

Satish Kenchaiah, MD, MPH, FACC, FASE

*Assistant Professor of Medicine
Icahn School of Medicine at Mount Sinai
New York, NY*

Steve Lin Liao, MD, FACC

*Assistant Professor of Medicine and Radiology
Icahn School of Medicine at Mount Sinai
Attending, Cardiology
The Mount Sinai Hospital
New York, NY*

Barry A. Love, MD

*Assistant Professor of Pediatrics and Medicine
Icahn School of Medicine at Mount Sinai
Director of Congenital Cardiac Catheterization Laboratories
The Mount Sinai Hospital
New York, NY*

Alexander J. Mittnacht, MD

*Professor of Anesthesiology
Icahn School of Medicine at Mount Sinai
Director Pediatric Cardiac Anesthesia
Department of Anesthesiology
The Mount Sinai Hospital
New York, NY*

CO-DIRECTORS

Edgar Argulian, MD, MPH, FACC, FASE

*Assistant Professor of Medicine
Icahn School of Medicine at Mount Sinai
Co-Director, Echocardiography Laboratories
Mount Sinai St. Luke's
New York, NY*

Eyal Herzog, MD

*Associate Professor of Medicine
Icahn School of Medicine at Mount Sinai
Director, Cardiac Care Unit
Director, Echocardiography Laboratories
Mount Sinai St. Luke's
New York, NY*

Gila Perk, MD, FACC, FASE

*Associate Professor of Medicine
Director, Interventional Echocardiography
Icahn School of Medicine at Mount Sinai
New York, NY*

Vivek Reddy, MD

*Helmsley Trust Professor of Medicine
Icahn School of Medicine at Mount Sinai
Director, Cardiac Electrophysiology
The Mount Sinai Hospital
New York, NY*

Gagan Sahni, MD, FACC, FACP

*Associate Professor of Medicine
Director, Cardio-Oncology and Cardiology Consult Service
Mount Sinai Cardiovascular Institute
New York, NY*

Samin K. Sharma, MD, FACC, FSCAI

*Anandi Lal Sharma Professor of Medicine (Cardiology)
Icahn School of Medicine at Mount Sinai
Director, Clinical & Interventional Cardiology
The Mount Sinai Hospital
New York, New York*

Shubhika Srivastava, MBBS, FAAP, FACC, FASE

*Professor of Pediatrics
Director, Non Invasive Imaging
Director, Fellowship Training Program
Division of Pediatric Cardiology
Icahn School of Medicine at Mount Sinai
New York, NY*

Eric H. Stern, MD, FACP, FACC

*Associate Professor of Medicine
Icahn School of Medicine at Mount Sinai
Associate Program Director, Cardiology Fellowship Training Programs
The Mount Sinai Hospital
New York, NY*

Gilbert Tang, MD, MSc, MBA, FRCSC, FACC

*Associate Professor of Cardiovascular Surgery
Icahn School of Medicine at Mount Sinai
Surgical Director, Structural Heart Program
Mount Sinai Health System
New York, NY*

FACULTY

Mount Sinai Beth Israel

Tatyana A. Danilov, MD

Assistant Professor of Medicine
Director, Echocardiography
Icahn School of Medicine at Mount Sinai
Mount Sinai Beth Israel
New York, NY

Stephanie Fabian, RCS

Director of Non-Invasive Cardiology
Mount Sinai Heart at Mount Sinai Beth Israel
New York, NY

Dennis Finkelstein, MD, FACC, FASE, RPVI

Associate Professor of Medicine
Icahn School of Medicine at Mount Sinai
Associate Chairman, Department of Cardiology
Director, Ambulatory Cardiology
Director, Cardiovascular Diseases Fellowship
Mount Sinai Beth Israel
New York, NY

GUEST FACULTY

Sripal Bangalore, MD, MHA, FACC, FAHA, FSCAI,

Director Complex Coronary Intervention, Bellevue Hospital
Director of Research, Cardiac Catheterization Laboratory
Director, Cardiovascular Outcomes Group
The Leon H. Charney Division of Cardiology
Associate Professor of Medicine
New York University School of Medicine
New York, NY

Robert O. Bonow, MD, MS

Goldberg Distinguished Professor of Cardiology
Vice Chair of Department of Medicine
Northwestern University Medical Center
Chicago, IL

Y.S. Chandrashekar, MD, DM, FACC

Editor-in-Chief, JACC Imaging
Director of Cardiovascular Imaging, Veterans Affairs Medical Center Co-Director for Cardiology Fellowship Program Affiliate Site (VA)
University of Minnesota
Minneapolis, MN

Harvey Feigenbaum, MD, FASE, FACC

Distinguished Professor of Medicine
Indiana University School of Medicine
Krannert Institute of Cardiology
Indianapolis, IN

Dan G. Halpern, MD

Assistant Professor of Medicine
Director, Adult Congenital Heart Disease Program
The Leon. H. Charney Division of Cardiology
New York University School of Medicine
New York, NY

Susan Hecht, MD

Assistant Professor of Medicine
Division of Cardiology
Columbia University Medical Center
New York, NY

Muhamed Saric, MD, PhD, FACC, FASE

Associate Professor of Medicine
Director, Non-Invasive Cardiology
New York University
New York, NY

Mark V. Sherid, MD

Professor of Medicine
Director, Hypertrophic Cardiomyopathy Program
New York University Langone Medical Center
New York, NY

Mount Sinai Elmhurst

Jeffrey J. Silbiger, MD, FACC, FASE

Associate Professor of Medicine
Icahn School of Medicine at Mount Sinai
Director, Echocardiography Laboratory
Department of Cardiology
Elmhurst Hospital Center
Queens, NY

Mount Sinai St. Luke's

Amir A. Ahmadi, MD

Assistant Professor of Medicine
Director, Valve Program
Mount Sinai St. Luke's
New York, NY

Nina Kukar, MD

Assistant Professor of Medicine
Director, Cardiac MR Services
Mount Sinai St. Luke's
New York, NY

Danny Pudup, RDCS, RVT

Manager, MSSL/MSW Echo Lab
Mount Sinai St. Luke's
New York, NY

TECHNICAL STAFF

Gicyle Almonte, RDCS

Lisa Clark, RDCS

Christina Devenuto, RN

Ann Dobres, RN

Robin Goldberg, BA, RDCS

Soonjung Ka, RDCS

Anna Katznelson, RDCS

Nigie Lantin, RN

Yuhong Luo, RDCS

Melissa Miller, RDCS

Fatou Nzuka, RDCS

Hafizur Rahman, BS, RDCS

Suzanne Schiller, RDCS

Valarie Skates, RDCS

Christine Tajas, RDCS

Adeena Traube, RDMS, RDCS

Tricia Widhalm, RDCS

Cynthia Wilde, RN

Frances Williams, RN

Marilyn Witte Goldbard, RN

Meichun Yang, RDCS

Lilliana Zappino, RDCS

Wenli Zhang, RDCS

PROGRAM COORDINATOR

Jacqueline Wilkins

FOR CONFERENCE INFORMATION, CONTACT

Jacqueline Wilkins at (212) 241-6846

FOR REGISTRATION INFORMATION, CONTACT

cme@mssm.edu or call Annette Roman at (212) 731-7950

REGISTRATION FORM

17th Annual ECHO NEW YORK OCTOBER 7 - 9, 2017

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Stern Auditorium
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TWO WAYS TO REGISTER

- ☐ On-Line at www.icaahn.mssm.edu/cme/courses
- ☐ Mail this form with your check to:
Icahn School of Medicine at Mount Sinai, The Page and William Black Post-Graduate School
One Gustave L. Levy Place, Box 1193 • New York, NY 10029
- ☐ Enclosed is my check for \$_____ made payable to
The Page and William Black Post-Graduate School of Medicine

REGISTRATION FEES

	<i>Postmarked on or before September 8, 2017</i>	<i>Postmarked after September 8, 2017</i>
<input type="checkbox"/> Physicians	\$575	\$625
<input type="checkbox"/> Residents, Fellows, Sonographers, Nurses and Allied Health Professionals, Physician Assistants and Mount Sinai Health System	\$375	\$425

LAST NAME FIRST NAME DEGREE

ADDRESS

CITY STATE ZIP

TELEPHONE SPECIALTY

INSTITUTION/AFFILIATION

EMAIL

CANCELLATION POLICY: A \$75 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, September 18, 2017. No refunds will be made after this date or for "no-shows."

17th Annual

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