

TWELFTH ANNUAL

ECHO New Yorksm '12

SATURDAY, OCTOBER 6 – MONDAY, OCTOBER 8, 2012

Course Director

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

Marriott Marquis Hotel

1535 Broadway, New York, NY

*Comprehensive Review of Transthoracic,
Transesophageal, Stress Echocardiography,
3D and 4D Echo, Contrast, Congenital,
Cardiac Resynchronization, Strain,
Strain Rate, New Techniques, Clinical
Applications with Case Studies and
Workshops*



**HIGHLY
RATED FOR
ECHO
BOARDS**

CME Credit Certified By:
Beth Israel Medical Center and
St. Luke's and Roosevelt Hospitals

Sponsored By:
St. Luke's and Roosevelt Hospitals
Division of Cardiology

OBJECTIVES

- 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 transesophageal echocardiography in patients presenting with stroke for cardioversion 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 current developments and clinical indications for 3D and 4D echo in clinical practice
- Examine the latest imaging techniques in quantification of left ventricular wall motion
- Prepare echocardiography physicians for the Echo Boards

PROGRAM DESCRIPTION

Basic echocardiography will be reviewed and the latest advances in echocardiography will be demonstrated through lecture 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, 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.

Preparation for Echo Boards: At the end of each presentation there will be at least three board orientated questions.

Workshops: Live demonstrations, for M-Mode, 2D, Color flow Doppler imaging, stress echocardiography, contrast echocardiography, 3D echocardiography and cardiac resynchronization will enhance your understanding of echocardiography. At each workshop, a topic will be presented in detail by the instructor on a live model. This interactive format will provide all participants (both physicians and sonographers) with the opportunity to improve their skills in obtaining data to ensure complete and correct diagnostic studies in patients coming through the echocardiography laboratory.

ACCREDITATION STATEMENT

Beth Israel Medical Center and St. Luke's and Roosevelt Hospitals are accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION

St. Luke's and Roosevelt Hospitals designates this live activity for a maximum of 20.0 AMA PRA Category 1 CreditsSM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

CONFERENCE SITE

Marriott Marquis Hotel
1535 Broadway (between 45th & 46th Streets)
New York, NY 10036

A block of rooms is available for symposium participants and can be reserved by calling the hotel directly at 1-877-513-6305, and stating that you are with the "Echo New York Conference". Reservations may require a one night deposit and are guaranteed for late arrival. Your deposit will be refunded if you notify the hotel 72 hours prior to your stated date of arrival. A special group rate of \$299.00 per night, plus taxes for single or double occupancy, will be held until September 14th on a space available basis, so please make your reservation as soon as possible. Check-in time is 3:00pm and check-out is 12:00 noon.

TARGET AUDIENCE

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

PREREQUISITES

A minimum of three months experience in echocardiography and knowledge of basic anatomy and physiology of the heart is required. Experience in Doppler Echo would be advantageous, but is not required. TRANSESOPHAGEAL, STRESS, CONTRAST, HARMONIC, 3D, 4D, CONGENITAL ECHO and NEWER IMAGING TECHNIQUES WILL BE EMPHASIZED.

POLICY ON FACULTY AND PROVIDER DISCLOSURE

It is the policy of Beth Israel Medical Center & St. Luke's and Roosevelt Hospitals that faculty and providers disclose real or apparent conflicts of interest relating to the topics of this educational activity, and also disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentation(s). Beth Israel Medical Center & St. Luke's and Roosevelt Hospitals have established policies in place that will identify and resolve all conflicts of interest prior to this educational activity.

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COURSE DIRECTOR AND MODERATOR

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

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Associate Chief of Cardiology
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Professor of Clinical Medicine
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Site-Director, Echocardiography Laboratory Roosevelt Division
Program Director, Hypertrophic Cardiomyopathy Program
St. Luke's and Roosevelt Hospitals

TECHNICAL STAFF

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Ewa Korzeniecki, RDC
Teresita Octavo, RN

Sonal Patel, RDCS
Danny Pudpud, RDCS, RVT
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Corazon Tungol, RN
Nataliya Vasquez, RDCS
Karina Vaysfeld
Lauren Vicinanza, RDCS
Olga Vorona, RDCS, RVT

GUEST FACULTY

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Krannert Institute of Cardiology
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Director, Tufts Valve Center
Director, Cardiovascular Ultrasound Research
Co-Director, Cardiovascular Imaging
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New York, NY
Valley Health System
Arrhythmia and Cardiology Consultants of New York and New Jersey
Ridgewood, NJ

PROGRAM COORDINATOR

Jacqueline Wilkins

DAY 1 SATURDAY, OCTOBER 6, 2012

7:30 Registration and Continental Breakfast

7:55 Welcome and Opening Remarks
Farooq A. Chaudhry, MD

PHYSICS

8:00 Basic Principles of Ultrasound and Doppler Physics
Muhammed Saric, MD

VALVULAR DISEASE; ACUTE CORONARY SYNDROME

9:00 Valvular Regurgitations: Evaluation and Pitfalls
Mark V. Sherriid, MD

9:30 Mechanisms of Common Echo Artifacts
Muhammed Saric, MD

10:00 Valvular Stenosis: Evaluation and Pitfalls
Marvin Berger, MD

10:30 Refreshment Break

11:00 Echo in Acute Coronary Syndrome
Eyal Herzog, MD

11:30 Cardiac Masses and Endocarditis
Marvin Berger, MD

12:00 Adjourn for Lunch (Not Included)

DIASTOLOGY; RIGHT VENTRICULAR FUNCTION; HYPERTROPHIC CARDIOMYOPATHIES; PROSTHETIC VALVES; STRAIN IMAGING

1:00 Diastolic Dysfunction: Key Parameters with Case Studies
Sherif F. Nagueh, MD

1:30 Athlete's Heart, Left Ventricular Hypertrophy and Hypertrophic Cardiomyopathy
Mark V. Sherriid, MD

2:00 Evaluation of the Right Ventricle and Pulmonary Hypertension
Sherif F. Nagueh, MD

2:30 Diseases of the Pericardium and Restrictive Cardiomyopathy
Susan Hecht, MD

3:00 How and What to Evaluate in Prosthetic Valves
Sherif F. Nagueh, MD

3:30 Refreshment Break

4:00 Strain and Strain Rate: Basic Concepts; Clinical Applications with Case Studies
Sherif F. Nagueh, MD

TRANSESOPHAGEAL ECHOCARDIOGRAPHY (TEE): HEMODYNAMICS

4:45 Role of TEE in Cardioversion, Stroke and Aortic Disease
Susan Hecht, MD

5:15 Cardiac Hemodynamics: Is Catheterization Necessary?
Dennis Finkelstein, MD

5:45 Adjourn

DAY 2 SUNDAY, OCTOBER 7, 2012

7:30 Registration and Continental Breakfast

STRESS ECHOCARDIOGRAPHY; LEFT VENTRICULAR FUNCTION; MYOCARDIAL VIABILITY

- 8:00 Exercise and Pharmacological Stress Echocardiography
Farooq A. Chaudhry, MD
- 8:45 Stress Echocardiography for Risk Stratification and Prognosis
Siu-Sun Yao, MD
- 9:15 Stress Echo Quantification: Ready for Primetime?
Harvey Feigenbaum, MD
- 9:45 Stress Echocardiography: Advance Applications Beyond Coronary Artery Disease
Farooq A. Chaudhry, MD
- 10:15 Refreshment Break
- 10:45 Assessment of Left Ventricle: Beyond Ejection Fraction
Harvey Feigenbaum, MD
- 11:15 Reversible Left Ventricular Dysfunction: Diagnosis, Risk Stratification and Prognosis
Farooq A. Chaudhry, MD
- 11:45 Lesson Learned from Five Decades of Echocardiography and Medicine Experience
Harvey Feigenbaum, MD
- 12:15 Stress Echo: Case Studies
Farooq A. Chaudhry, MD
Harvey Feigenbaum, MD
Siu-Sun Yao, MD
- 1:00 Adjourn for Lunch (Included)

3D/4D ECHOCARDIOGRAPHY; CONTRAST ECHOCARDIOGRAPHY; CARDIAC RESYNCHRONIZATION; NEW AND EVOLVING TECHNOLOGIES

- 2:00 Basic Principles and Concepts of 3D and 4D Echo with Case Studies
Natesha G. Pandian, MD
- 2:30 Contrast Echo: Clinical Uses and Future Applications
Farooq A. Chaudhry, MD
- 3:15 Current Clinical Applications of 3D and 4D Echo
Natesha G. Pandian, MD
- 3:45 Refreshment Break
- 4:15 Role of Echo in Cardiac Interventions
Natesha G. Pandian, MD
- 4:45 Identifying and Optimizing Patients for Cardiac Resynchronization Therapy
Farooq A. Chaudhry, MD
- 5:15 Challenging Cases Beyond the Guidelines and Doppler Quiz
Natesha G. Pandian, MD
- 6:00 Adjourn

DAY 3 MONDAY, OCTOBER 8, 2012

7:30 Registration and Continental Breakfast

CONGENITAL HEART DISEASE; PISA

- 8:00 Simple Congenital Heart Disease
Leo Lopez, MD
- 8:45 Proximal Isovelocity Area (PISA) Technical Consideration
Danny Pudupud, RDCS, RVT
- 9:00 Complex Congenital Heart Disease
Leo Lopez, MD
- 9:40 Echo Follow-Up of “Repaired” Congenital Heart Disease in Adults
Leo Lopez, MD
- 10:00 Refreshment Break

WORKSHOPS WITH LIVE DEMONSTRATION

- 10:30 MODERATORS: Mark V. Sherrid, MD and Siu Sun Yao, MD
What Constitutes a Comprehensive Transthoracic Echocardiography Exam and Report as per ICAEL Guidelines, Live Demonstration
Danny Pudupud, RDCS, RVT
Elzbieta Kiwior, RDCS
Ewa Korzeniecki, RDCS
Sonal Patel, RDCS
- 11:15 MODERATORS: Farooq A. Chaudhry, MD and Bette Kim, MD
Contrast Echocardiography: Live Demonstration of Contrast Echo with Emphasis on Knobology and Optimizing Imaging Quality
Deborah Cantales, RDCS
Lauren Vicinanza, RDCS
Olga Vorona, RDCS, RVT
- 12:00 MODERATOR: Farooq A. Chaudhry, MD
Tissue Doppler and 2-D Speckle Strain/Strain Rate for Cardiac Resynchronization and Wall Motion Quantification: Live Demonstration
Debbie Kim, RDCS
Danny Pudupud, RDCS, RVT
Nataliya Vasquez, RDCS
- 12:45 Closing Remarks

Conference Adjourned: Turn in Attendance Verification Forms

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Marriott Marquis Hotel, 1535 Broadway, New York, NY

Name: _____ Title: _____
First Name Last Name MD, DO, PA, etc.

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

E-mail: _____ Specialty: _____

(Be sure to include your e-mail address as confirmation/receipt will be sent electronically)

TUITION

	By September 7	After September 7
Physicians	<input type="checkbox"/> \$775	<input type="checkbox"/> \$825
Residents, Fellows, Sonographers and Nurses	<input type="checkbox"/> \$575	<input type="checkbox"/> \$625

PAYMENT METHODS

Online Registration is available and is the preferred method - www.chpnet.org/cme

Check payable to SLRHC-CME Office is enclosed

Credit Card # _____ Exp date _____
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Signature _____ Date _____

Please fax this form to 212-523-2074 or mail to

St. Luke's and Roosevelt Hospitals, Office of CME, 1111 Amsterdam Avenue, New York, NY 10025

Payment must accompany registration form.

CANCELLATION POLICY

A refund, less a \$150 administrative fee, will be issued upon written request. No refunds will be made after September 7th. St. Luke's and Roosevelt Hospitals reserve the right to cancel this program.

FURTHER INFORMATION

St. Luke's and Roosevelt Hospitals

Office of Continuing Medical Education

Phone: 212-523-2138 ■ Fax: 212-523-2074

Email: aroman@chpnet.org ■ Website: www.chpnet.org/cme

Registration

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with Case Studies and Workshops***

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