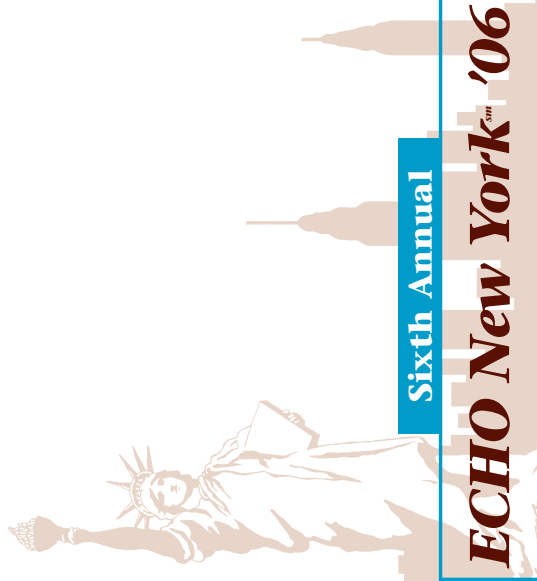


**St. Luke's  
Roosevelt**

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

Non-Profit Org.  
U.S. Postage  
**PAID**  
Permit No. 8048  
New York, N.Y.



**Sixth Annual**

***ECHO New York<sup>sm</sup> '06***

**Friday, Saturday, Sunday  
October 6 – 8, 2006**

SIXTH ANNUAL

# ***ECHO New York<sup>sm</sup> '06***

FRIDAY, OCTOBER 6 – SUNDAY, OCTOBER 8, 2006

**Course Director:**

**Farooq A. Chaudhry, MD**

**Crowne Plaza Times Square**

1605 Broadway, New York, NY

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



*Sponsored by:*  
**St. Luke's and Roosevelt Hospitals**  
Division of Cardiology  
Department of Medicine

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

**Continuum** Health Partners, Inc.

**Beth Israel**

University Hospital and  
Manhattan Campus for  
the Albert Einstein College  
of Medicine

**Roosevelt  
Hospital**

University Hospital of  
Columbia University College  
of Physicians & Surgeons

**St. Luke's  
Hospital**

University Hospital of  
Columbia University College  
of Physicians & Surgeons

**Long Island  
College Hospital**

Primary Clinical Teaching  
Affiliate of SUNY...  
Health Science Center  
at Brooklyn

**NY Eye & Ear  
Infirmary**

Affiliated Teaching  
Hospital of New York  
Medical College

**Program Objectives**

The objective of this course is to familiarize physicians and sonographers at all levels of training with practical knowledge and applications of two-dimensional ECHO, color and spectral Doppler, transesophageal and stress echocardiography, contrast 3D and 4D ECHO, strain and strain rate imaging and new developments. At the end of the course, every participant should have improved skills in the use of echocardiographic techniques for the appropriate diagnosis and treatment of common cardiac conditions.

**Program Description**

BASIC echocardiography will be reviewed and later advances will be demonstrated through lecture and case studies. Participants will be exposed to principles and imaging, exercise and pharmacological stress, contrast, harmonics, Doppler tissue imaging, strain, strain rate, cardiac resynchronization and 2D, 3D and 4D transesophageal echocardiography in common 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.

**Workshops:** At each of these workshops, 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 their clinical laboratories.

**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.

**Accreditation**

Beth Israel Medical Center and St Luke's and Roosevelt Hospitals are accredited by the Accreditation Council on Continuing Medical Education to provide continuing medical education for physicians and takes responsibility for the quality, content and scientific integrity of this activity.

St. Luke's and Roosevelt Hospitals designate this continuing medical education activity for a maximum of 20.5 credit hours in Category 1 credits towards the AMA Physician Recognition Award. Each physician should claim only those hours of credit actually spent in the educational activity.

**Conference Site**

Crowne Plaza Times Square  
1605 Broadway  
(between 48 & 49th Streets)  
New York, NY

A block of rooms is available for symposium participants and can be reserved by calling the hotel directly at 800-227-6963, and stating that you are with the "St. Luke's-Roosevelt Conference." Reservations 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 \$289.00 per night, plus taxes, 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.

**Tuition**

(Includes three continental breakfasts, 1 luncheon, refreshment breaks and a course syllabus)

|   | By September 7 | After September 7 |
|---|----------------|-------------------|
| Physicians  | \$695          | \$750             |
| Residents, Fellows,<br>Sonographers<br>and Nurses | \$495          | \$550             |

Residents and Fellows must enclose a letter from their Chief of Service.

**Additional Information**

The Office of Continuing Medical Education  
St. Luke's and Roosevelt Hospitals  
1111 Amsterdam Avenue  
New York, NY 10025  
Phone: 212-523-2138  
Fax 212-523-2074  
E-mail [satkinso@chpnet.org](mailto:satkinso@chpnet.org)  
[www.chpnet.org/cme](http://www.chpnet.org/cme)

**General  
Information**

## Course Director and Moderator

---

### **Farooq A. Chaudhry, MD, FACP, FACC, FASE**

Associate Professor of Medicine  
Columbia University College of Physicians and Surgeons  
Associate Chief of Cardiology  
Director of Echocardiography  
St. Luke's and Roosevelt Hospitals  
New York, NY

## Faculty – Continuum Health Partners, Inc.

---

### **Marvin Berger, MD, FACC, FASE**

Professor of Clinical Medicine  
Albert Einstein College of Medicine  
Director, Echocardiography Laboratory  
Beth Israel Medical Center  
New York, NY

### **Joseph J. DeRose, Jr., MD**

Assistant Professor of Clinical Surgery  
Columbia University College of Physicians and Surgeons  
Director of Robotics  
Division of Cardiothoracic Surgery  
St. Luke's and Roosevelt Hospitals  
New York, NY

### **Susan Hecht, MD**

Assistant Professor of Clinical Medicine  
Albert Einstein College of Medicine  
Director, Coronary Care Unit  
Beth Israel Medical Center  
New York, NY

### **Eyal Herzog, MD**

Assistant Professor of Clinical Medicine  
Columbia University College of Physicians and Surgeons  
Director of Coronary Care Unit  
St. Luke's and Roosevelt Hospitals  
New York, NY

### **Zaharia Hillel, MD, PhD**

Professor of Anesthesiology  
Columbia University College of Physicians and Surgeons  
Director of Cardiac Anesthesiology  
Director of Cardiac Anesthesia  
St. Luke's and Roosevelt Hospitals  
New York, New York

### **Bette Kim, MD**

Attending Physician, Cardiology  
St. Luke's and Roosevelt Hospitals  
New York, NY

### **Donna MacMillan Marotti, RDCS, RVT**

Echo Lab Manager  
St. Luke's and Roosevelt Hospitals  
New York, NY

### **Mark V. Sherrid, MD, FACC, FASE**

Professor of Clinical Medicine  
Columbia University College of Physicians and Surgeons  
Site-Director, Echocardiography Laboratory  
Roosevelt Division  
Program Director, Hypertrophic Cardiomyopathy Program  
St. Luke's and Roosevelt Hospitals  
New York, NY

### **Daniel G. Swistel, MD**

Associate Professor of Clinical Surgery  
Columbia University College of Physicians and Surgeons  
Senior Attending and Chief,  
Division of Cardiothoracic Surgery  
St. Luke's and Roosevelt Hospitals  
New York, NY

### **Siu-Sun Yao, MD, FACC, FASE**

Assistant Professor of Clinical Medicine  
Columbia University College of Physicians and Surgeons  
Co-Director, Nuclear Cardiology and Cardiac Stress Testing  
St. Luke's and Roosevelt Hospitals  
New York, NY

## Technical Staff

---

Daniil Berent  
Deborah Cantales, RDCS  
Eduardo Chacana, CETT  
Janell Clemetson, RN  
Caryn Coy  
Jennifer Henry  
April Isambert, RDCS  
Debbie Kim  
Rosanne Kleint, RN  
Ewa Korzeniecki  
Danny J. Pudpud, RDCS  
Corazon Tungol, RN  
Karina Vaysfeld

## Faculty Disclosure Policy

*It is the policy of Beth Israel Medical Center and St. Luke's and Roosevelt Hospitals that faculty and sponsors 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). Detailed disclosure information will be made available in the course handout materials.*

## Guest Faculty

---

### **Harvey Feigenbaum, MD**

Distinguished Professor of Medicine  
Director, Echocardiography  
Kranert Institute of Cardiology  
Indianapolis, IN

### **Mario J. Garcia, MD, FACC**

Professor of Medicine  
Director, Cardiac Imaging  
Department of Cardiovascular Medicine  
The Cleveland Clinic  
Cleveland, OH

### **Rebecca Hahn, MD, FACC**

Associate Professor of Medicine  
New York University School of Medicine  
Director of Echocardiography  
Northshore University Hospital  
Great Neck, NY

### **David Mehlman, MD, FACC, FACP, FAHA, FASE**

Associate Professor of Medicine  
Northwestern University Feinberg School of Medicine  
Co-Director, Echocardiography  
Northwestern Memorial Hospital  
Chicago, IL

### **Navin C. Nanda, MD, FACC, FAHA, FSGC, FISCU**

Professor of Medicine  
Director, Heart Station/Echocardiography Laboratories  
The University of Alabama at Birmingham School of Medicine  
Director, Echocardiography Laboratories  
The Kirklin Clinic  
University of Alabama Health Services Foundation  
Birmingham, AL

### **Muhammed Saric, MD, PhD, FACC, FASE**

Associate Professor of Medicine  
Director, Echocardiography Laboratory  
Division of Cardiovascular Diseases  
University of Medicine & Dentistry of New Jersey (UMDNJ)  
Newark, NY

## Program Coordinator

---

**Jaqueline Ortiz**

# Faculty

# ***ECHO New York<sup>sm</sup> '06***

## **Day 1 Friday, October 6, 2006**

---

7:30 **Registration and Continental Breakfast**

7:55 **Welcome and Opening Remarks**

*Farooq A. Chaudhry, MD*

### **Valvular and Myocardial Disease**

8:00 **Valvular Regurgitation, Diagnosis, Limitations, Pitfalls and Case Studies**

*Mark V. Sherrid, MD*

8:30 **Valvular Stenosis, Diagnosis, Limitations, Pitfalls and Case Studies**

*Marvin Berger, MD*

9:00 **Echo Artifacts: How To Identify Them**

*Rebecca Hahn, MD*

9:30 **Basic Hemodynamics, SV, CO, Regurgitant Volume, PCWP**

*Muhamed Saric, MD*

10:00 **Refreshment Break and Exhibits**

10:15 **Constrictive vs. Restrictive and Pericardial Diseases: How to Differentiate**

*Susan Hecht, MD*

10:45 **Advanced Hemodynamics, PISA, Vena Contracta, ERO for Mitral Regurgitation and Beyond**

*Muhamed Saric, MD*

11:15 **Athletes Heart, Left Ventricular Hypertrophy and Hypertrophic Cardiomyopathy: How to Differentiate**

*Mark V. Sherrid, MD*

11:45 **Diastolic Dysfunction**

*Muhamed Saric, MD*

12:15 **Challenging Cases: Valvular, Restrictive, Constrictive, Diastolic Dysfunction, Artifacts**

*Marvin Berger, MD, Rebecca Hahn, MD, Susan Hecht, MD, Muhamed Saric, MD, Mark V. Sherrid, MD*

1:00 **Luncheon (Not Included)**

### **Transesophageal Echocardiography**

2:15 **Live Demonstration of Normal and Abnormal Prothesis with Echo Correlations**

*David Mehlman, MD*

3:15 **TEE For Mitral Valve Repair: What Echo Parameters Are Important?**

*Joseph J. DeRose, Jr., MD*

3:45 **Refreshment Break and Exhibits**

4:00 **TEE for Cardioversion, Stroke and Aortic Disease**

*Susan Hecht, MD*

4:30 **TEE for Endocarditis, Abscess, Tumors and Masses**

*Marvin Berger, MD,*

5:00 **TEE: Most Challenging Case Studies**

*Marvin Berger, MD, Joseph J. DeRose, Jr., MD, Susan Hecht, MD, Zaharia Hillel, MD, David Mehlman, MD, Daniel G. Swistel, MD*

5:45 **Adjourn: Turn in Evaluations**

**Day 2 Saturday, October 7, 2006**

7:30 *Registration and Continental Breakfast*

**Coronary Artery Disease, Heart Failure and Stress Echocardiography**

8:00 **Echocardiography in Acute Coronary Syndromes and Myocardial Infarction**  
*Eyal Herzog, MD*

8:30 **Principles and Techniques in Exercise and Pharmacological Stress Echocardiography**  
*Farooq A. Chaudhry, MD*

9:15 **Stress Echocardiography for Risk Stratification and Prognosis in Patients with CAD**  
*Siu-Sun Yao, MD*

9:45 **Stress Echo for Risk Stratification Post Myocardial Infarction**  
*Harvey Feigenbaum, MD*

10:15 *Refreshment Break and Exhibits*

10:30 **Pitfalls and Pearls in Stress Echocardiography**  
*Harvey Feigenbaum, MD*

11:00 **Myocardial Viability, Diagnosis, Risk Stratification and Prognosis**  
*Farooq A. Chaudhry, MD*

11:30 **Evolving Methods for Quantification of Wall Motion: Are We There?**  
*Harvey Feigenbaum, MD*

12:00 **Stress Echo: Case Studies**  
*Farooq A. Chaudhry, MD, Harvey Feigenbaum, MD, Siu-Sun Yao, MD*

12:45 *Adjourn for Lunch (Included)*

**Contrast Echocardiography; Cardiac Resynchronization; New and Evolving Technologies**

1:45 **Contrast Echo: A Synopsis for the Practicing Physician with Case Studies**  
*Farooq A. Chaudhry, MD*

2:30 **Myocardial Strain and Strain Rate Imaging, Basic Principals, Clinical Indications and Case Studies**  
*Mario J. Garcia, MD*

3:00 **Contrast Echocardiography in Assessment of Myocardial Perfusion and Beyond**  
*Farooq A. Chaudhry, MD*

3:30 *Refreshment Break and Exhibits*

3:45 **Two Dimensional Strain, Speckle, Radial Strain and Velocity Vector Imaging: Clinical Indications – How and When to Use**  
*Mario J. Garcia, MD*

4:15 **Echocardiography to Optimize Cardiac Resynchronization and Follow-Up**  
*Farooq A. Chaudhry, MD*

4:45 **3D and 4D Echocardiography: Clinical Utility and Future Directions**  
*Navin C. Nanda, MD*

5:15 **Latest Imaging Developments in Cardiac CT and MRI: Ready for Prime Time Comparison with Echocardiography**  
*Mario J. Garcia, MD*

5:45 *Adjourn: Turn in Evaluations*

**Day 3 Sunday, October 8, 2006**

---

7:30 Registration and Continental Breakfast

**Congenital Heart Disease**

**Moderator: Farooq A. Chaudhry, MD**

8:00 **Adult Congenital Heart Disease Part I: Basic Approach and Case Studies**

*Rebecca Hahn, MD*

8:45 **Adult Congenital Heart Disease Part II**

*Navin C. Nanda, MD*

**Workshops and Live Demonstrations**

---

9:30 **Workshop A**

Transthoracic Echocardiography; DTI, PISA

**MODERATOR: Mark V. Sherrid, MD**

*April Isambert, RDCS*

*Donna MacMillan Marotti, RDCS, RVT*

*Danny Pudpud, RDCS*

10:00 **Workshop B**

Stress Echocardiography

**MODERATOR: Farooq A. Chaudhry, MD and Siu-Sun Yao, MD**

*Deborah Cantales, RDCS*

*Donna MacMillan Marotti, RDCS, RVT*

10:30 **Refreshment Break and Exhibits**

10:45 **Workshop C**

Contrast Echocardiography:

LV Opacification, Endocardial Border and Spectral Doppler Signal Enhancement, with Emphasis on Knobology

**MODERATORS: Farooq A. Chaudhry, MD and Bette Kim, MD**

*Deborah Cantales, RDCS*

*Donna MacMillan Marotti, RDCS, RVT*

*Danny Pudpud, RDCS*

11:30 **Workshop D**

Tissue Synchronization, Strain and Strain Rate Imaging, Cardiac Resynchronization

**MODERATOR: Farooq A. Chaudhry, MD**

*Donna MacMillan Marotti, RDCS, RVT*

*Danny Pudpud, RDCS*

*Ajay Shah, MD*

12:15 **Unknown Cases of the Day**

12:30 **Closing Remarks**

**Conference Adjourned: Turn in Evaluations**

**Program Schedule**



Sixth Annual

# ***ECHO New York<sup>sm</sup> '06***

**Friday, October 6 – Sunday, October 8, 2006**  
Crowne Plaza Times Square, 1605 Broadway, New York, NY

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

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

Specialty: \_\_\_\_\_

## ***Tuition***

Includes three continental breakfasts, 1 luncheon, refreshment breaks and a course syllabus

|                         | By September 7                 | After September 7              |
|-------------------------|--------------------------------|--------------------------------|
| Physicians              | <input type="checkbox"/> \$695 | <input type="checkbox"/> \$750 |
| Residents, Fellows      |                                |                                |
| Sonographers and Nurses | <input type="checkbox"/> \$495 | <input type="checkbox"/> \$550 |

## ***Please Mail or Fax this Registration Form***

Office of Continuing Medical Education  
St. Luke's and Roosevelt Hospitals  
1111 Amsterdam Avenue  
New York, NY 10025  
Fax 212-523-2074

## ***Payment Method***

Check payable to SLRHC-CME Office is enclosed

Credit Card # \_\_\_\_\_ Exp date \_\_\_\_\_

VISA

MasterCard

AMEX

Discover

Signature \_\_\_\_\_

Payment must accompany registration. Please fax this form to (212) 523-2074 or mail it to Office of CME, St. Luke's and Roosevelt Hospitals, 1111 Amsterdam Avenue, New York, NY 10025

## ***Cancellation Policy***

A refund, less a \$50 administration fee, will be issued upon written request. No refunds will be made after September 7. St. Luke's and Roosevelt Hospitals reserve the right to cancel the program.

## ***For Further Information***

The Office of Continuing Medical Education  
Phone: 212-523-2138 • Fax 212-523-2074  
E-mail: [satkinso@chpnet.org](mailto:satkinso@chpnet.org)  
[www.chpnet.org/cme](http://www.chpnet.org/cme)

# ***Registration***