

FIFTH ANNUAL

*ECHO New York*sm '05

SATURDAY, OCTOBER 8 - MONDAY, OCTOBER 10, 2005

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
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FIFTH ANNUAL ECHO NEW YORKSM '05

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, 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 physics of planar and color flow Doppler, 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 small group sessions, a topic will be presented in detail by the instructor. 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 transesophageal 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 212-977-4000, 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 \$235.00 per night, plus taxes, single or double occupancy, will be held until September 15th 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 14	After September 14
Physicians	\$665	\$720
Residents, Fellows, Sonographers and Nurses	\$420	\$470

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@chnpnet.org
www.chnpnet.org/cme

General Information

Course Director and Moderator

Farooq A. Chaudhry, MD, 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, New York

Faculty - Continuum Health Partners, Inc.

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

Joseph DeRose, MD
Attending, Cardiothoracic Surgery
Director of Robotics
St. Luke's and Roosevelt Hospitals
New York, New York

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

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

Zaharia Hillel, MD, PhD
Professor of Clinical Anesthesiology
Columbia University College of Physicians
and Surgeons
Director of Cardiothoracic Anesthesiology
St. Luke's and Roosevelt Hospitals
New York, New York

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Professor of Clinical Medicine
Columbia University College of Physicians
and Surgeons
Director of Heart Failure Program
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New York, New York

Donna MacMillan Marotti, RDCS, RVT
Echo Lab Manager
St. Luke's and Roosevelt Hospitals
New York, New York

Ajay Shah, MD
Imaging Fellow
St. Luke's and Roosevelt Hospitals
New York, New York

Mark V. Sherrid, MD
Associate Professor of Clinical Medicine
Columbia University College of Physicians
and Surgeons
Director of Echocardiography Laboratory,
Roosevelt Division
St. Luke's and Roosevelt Hospitals
New York, New York

Binoy K. Singh, MD
Attending of Echocardiography
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Jonathan S. Steinberg, MD
Professor of Medicine
Columbia University College of Physicians
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Chief, Division of Cardiology
Director, Arrhythmia and Pacemaker
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New York, New York

Daniel G. Swistel, MD
Associate Professor of Clinical Medicine
Columbia University College of Physicians
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Chief, Division of Cardiothoracic Surgery
St. Luke's and Roosevelt Hospitals
New York, New York

Daniel M. Thys, MD
Professor of Anesthesiology
Columbia University College of Physicians
and Surgeons
Chairman, Department of Anesthesiology
St. Luke's and Roosevelt Hospitals
New York, New York

James R. Wilentz, MD
Assistant Professor of Medicine
Albert Einstein College of Medicine
Director of Cardiac Catheterization
Laboratories and Interventional
Cardiology
St. Luke's and Roosevelt Hospitals
New York, New York

Siu-Sun Yao, MD
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, New York

Technical Staff

Deborah Cantales, RDCS
Eduardo Chacano, CETT
Janell Clemetson, RN
Caryn Coy
Lynette Duncanson, RDCS
Jennifer Henry
April Isambert, RDCS
Karen Jannicelli
Daniela Kovacova
Gretchen Pearl, RDCS
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

Deborah Friedman, MD
Chairperson of Pediatrics
St. Barnabas Medical Center
Livingston, New Jersey

David D. McPherson, MD
Lester B. and Frances T. Knight
Professor of Cardiology
Professor of Medicine
Northwestern University Medical School
Director, Research Cardiology
Co-Director, Echocardiography
Northwestern Memorial Hospital
Chicago, Illinois

Navin C. Nanda, MD
Professor of Medicine
University of Alabama at Birmingham
Director, Heart Station/Echocardiography
Laboratories
University of Alabama at Birmingham
Birmingham, Alabama

Kiran Sagar, MD
Professor of Medicine and Cardiology
University of Wisconsin
Attending, Division of Cardiology
Wisconsin Heart and Vascular Clinic
Milwaukee, Wisconsin

Muhamed Saric, MD
Assistant Professor of Medicine
University of Medicine and Dentistry
Director, Echocardiography Laboratory
University of Medicine and Dentistry
Newark, New Jersey

Chandra Sehgal, MD
Associate Professor of Radiology
Director of Ultrasound Research Lab
University of Pennsylvania
Philadelphia, Pennsylvania

James Slater, MD
Associate Professor of Medicine
NYU School of Medicine
Co-Director, Non-Invasive Coronary
Angiography
NYU Medical Center
New York, New York

Program Coordinator

Jacqueline Ortiz

Faculty

Fifth Annual

ECHO New Yorksm '05

Day 1 Saturday, October 8, 2005

7:30 Registration and Continental Breakfast

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

Valvular and Myocardial Disease

8:00 Physics of Ultrasound: A Synopsis for the Non-Physicist
Chandra Sehgal, MD

8:45 Forgotten Imaging Planes: Transthoracic and Transesophageal Echo
Navin C. Nanda, MD

9:30 Valvular Regurgitation, Diagnosis, Limitations, Pitfalls and Case Studies
Mark V. Sherrid, MD

10:00 Valvular Stenosis, Diagnosis, Limitations, Pitfalls and Case Studies
Marvin Berger, MD

10:30 Refreshment Break and Exhibits

10:45 Optimal Utilization of Echo For Valvular Lesions
Navin C. Nanda, MD

11:15 Diastolic Dysfunction
Muhammed Saric, MD

12:00 Echo Artifacts: How To Identify Them
Navin C. Nanda, MD

12:30 Constrictive vs. Restrictive and Pericardial Diseases
Muhammed Saric, MD

1:00 Luncheon (Included)

Transesophageal Echocardiography

2:00 Prosthetic Valve Evaluation by Transesophageal Echocardiography
Kiran Sagar, MD

2:30 Role of 3-D and 4-D Echo in Transesophageal Echocardiography
Navin C. Nanda, MD

3:00 TEE for Mitral Valve Repair vs. Replacement
Joseph DeRose, MD

3:30 Refreshment Break and Exhibits

3:45 TEE for Cardioversion, Stroke and Aortic Disease
Susan Hecht, MD

4:15 TEE for Endocarditis, Abscess and Masses
David McPherson, MD

4:45 TEE Case Studies in the Operating Room: Critical Care Setting and Miscellaneous
Joseph DeRose, MD
Zaharia Hillel, MD, PhD
Daniel G. Swistel, MD
Daniel M. Thys, MD

5:30 Case Studies in Hypertrophic Cardiomyopathy
Mark V. Sherrid, MD

6:00 Adjourn: Turn in Evaluations

FIFTH ANNUAL ECHO NEW YORKSM '05

Day 2 Sunday, October 9, 2005

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 Echocardiography for Risk Stratification, Prognosis and Management of Heart Failure

Marrick L. Kucin, MD

9:00 DTI, Myocardial Strain and Strain Rate Imaging, Clinical Indications and Case Studies

David D. McPherson, MD

9:30 Echocardiography to Optimize Cardiac Resynchronization

Farooq A. Chaudhry, MD

10:00 Refreshment Break and Exhibits

10:15 Principles and Techniques in Exercise and Pharmacological Stress Echocardiography

Farooq A. Chaudhry, MD

10:30 Stress Echocardiography for Risk Stratification and Prognosis in Patients with CAD

Siu-Sun Yao, MD

11:30 Myocardial Viability, Diagnosis, Risk Stratification and Prognosis

Farooq A. Chaudhry, MD

12:00 Stress Echo: Case Studies

Farooq A. Chaudhry, MD

Kiran Sagar, MD

Siu-Sun Yao, MD

12:30 Adjourn for Lunch (Not Included)

Contrast Echocardiography: New and Evolving Technologies

1:45 Contrast Echo: A Synopsis for the Practicing Physician with Case Studies

Farooq A. Chaudhry, MD

2:30 How to Introduce Contrast in Your Lab: Optimal Knobology

Binoy K. Singh, MD

3:00 Contrast Echocardiography in Assessment of Myocardial Perfusion and Beyond

Farooq A. Chaudhry, MD

3:30 Refreshment Break and Exhibits

3:45 Live Demonstration of Contrast Echo for LV Opacification, Endocardial Border and Spectral Doppler Signal Enhancement, with Emphasis on Equipment Settings

Deborah Cantales, RDMS

Farooq A. Chaudhry, MD

Binoy K. Singh, MD

4:15 3D and 4D Echocardiography: Clinical Utility and Future Directions

Navin C. Nanda, MD

5:00 Latest Development and Updates in Cardiac Resynchronization

Kiran Sagar, MD

5:30 PISA For Mitral Regurgitation and Far Beyond

Muhamed Saric, MD

6:00 Adjourn: Turn in Evaluations

FIFTH ANNUAL ECHO NEW YORKSM '05

Day 3 Monday, October 10, 2005

7:30 Registration and Continental Breakfast

Congenital Heart Disease: New and Evolving Technologies

**8:00 Basic Approach to Adult Congenital Heart Disease and Case Studies:
Pediatric Cardiologist's Perspective**
Deborah Friedman, MD

**9:15 Basic Approach to Adult Congenital Heart Disease and Case Studies:
Adult Cardiologist's Perspective**
David D. McPherson, MD

10:15 Refreshment Break and Exhibits

10:30 Role of Intracardiac Echo in the EP Lab: Clinical Applications
Jonathan S. Steinberg, MD

**11:00 Role of Intravascular Ultrasound in the Cardiac Catheterization Laboratory:
Clinical Applications**
James R. Wilentz, MD

11:30 CT Coronary Angiography: Is It Ready for Prime Time?
James Slater, MD

12:00 Closing Remarks

Conference Adjourned: Turn in Evaluation and Attendance Verification Forms

Monday, October 10, 2005 CONCURRENT WORKSHOPS

8:00 Workshop A
MODERATOR: Mark V. Sherrid, MD
Transthoracic Echocardiography, DTI, PISA
April Isambert, RDCS
Donna MacMillan Marotti, RDCS, RVT
Danny J. Pud pud, RDCS

8:45 Workshop B
MODERATOR: Binoy K. Singh, MD
Contrast Echocardiography
Deborah Cantales, RDCS
Donna MacMillan Marotti, RDCS, RVT
Danny J. Pud pud, RDCS

9:30 Workshop C
MODERATOR: Farooq A. Chaudhry, MD
Cardiac Resynchronization
Donna MacMillan Marotti, RDCS, RVT
Danny J. Pud pud, RDCS
Ajay Shah, MD

10:15 Refreshment Break and Exhibits

10:30 Workshop D
MODERATOR: Deborah Friedman, MD
Congenital Heart Disease
Lynette Duncanson, RDCS

11:30 Workshop E
MODERATOR: Binoy K. Singh, MD
Stress Echocardiography
Deborah Cantales, RDCS
Donna MacMillan Marotti, RDCS, RVT

Program Schedule

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Saturday, October 8 – Monday, October 10, 2005
 Crowne Plaza Times Square, 1605 Broadway, New York, NY

Name: _____ Title: _____

Address: _____

City: _____ State: _____ Zip Code: _____

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

Specialty: _____

I plan to attend: (please check all that apply)

- Workshop A Workshop B Workshop C Workshop D Workshop E

Tuition

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 refreshment breaks and a course syllabus

	By September 14	After September 14
Physicians	<input type="checkbox"/> \$665	<input type="checkbox"/> \$720
Residents, Fellows		
Sonographers and Nurses	<input type="checkbox"/> \$420	<input type="checkbox"/> \$470

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 1111 Amsterdam Avenue
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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 17. 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
 www.chpnet.org/cme

Registration

**Office of Continuing Medical Education
St. Luke's and Roosevelt Hospitals
1111 Amsterdam Avenue
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