

**St. Luke's
Roosevelt**

Office of Continuing Medical Education
St. Luke's-Roosevelt Hospital Center
1111 Amsterdam Avenue
New York, NY 10025

Continuum Health Partners, Inc.

Second Annual

ECHO New Yorksm '02

Saturday, October 5 – Monday, October 7, 2002

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Course Director:
Farooq A. Chaudhry, MD

The New York Helmsley Hotel
212 East 42nd Street, New York, New York

***Comprehensive Review of Transthoracic,
Transesophageal, Stress Echocardiography and
Contrast, with Case Studies and Newer
Imaging Techniques and Applications***

Sponsored by:
St. Luke's-Roosevelt Hospital Center
Division of Cardiology
Department of Medicine

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



Continuum Health Partners, Inc.

Beth Israel

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

**St. Luke's
Roosevelt**

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

Second Annual ECHO New York™ '02

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 and 2D and 3D 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.

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 AND CONGENITAL ECHO WILL BE EMPHASIZED.

Accreditation

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

St. Luke's-Roosevelt Hospital Center designates this continuing medical education activity for a maximum of (# of credits) credit hours in Category 1 credits towards the AMA Physician Recognition Award. Each physician should claim only those hours of credit he/she actually spent in the educational activity.

Conference Site

The New York Helmsley Hotel
212 East 42nd Street
(between 2nd and 3rd Avenues)
New York, NY

A block of rooms is available for symposium participants and can be reserved by calling the hotel directly at 212-490-8900. 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 \$205.00 per night, plus taxes, single or double occupancy, will be held until September 23rd on a space-available basis, so please make your reservation as soon as possible. Check-in time is 4:00pm and check-out is 12:00 noon.

Tuition

(includes two continental breakfasts, 2 luncheons, refreshment breaks and a course syllabus)

	By September 15	After September 15
Physicians	\$525	\$575
Residents, Fellows Sonographers and Nurses	\$375	\$395

Residents and fellows must enclose letters from their Chiefs of Service.

Refunds

Cancellations must be made in writing and will be accepted until September 25. The tuition, minus a \$35 administrative fee, will be refunded.

Additional information

The Office of Continuing Medical Education
St. Luke's-Roosevelt Hospital Center
1111 Amsterdam Avenue
New York, NY 10025
Phone: 212-523-2138, fax 212-523-2074
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General Information

Course Director and Moderator

Farooq A. Chaudhry, MD

Associate Professor of Medicine
Columbia University College of Physicians and Surgeons
Director of Echocardiography
St. Luke's-Roosevelt Hospital Center
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

Lawrence M. Bost, MD

Professor of Clinical Radiology
Albert Einstein College of Medicine
Attending Physician, Department of Radiology
Beth Israel Medical Center
New York, New York

Deborah Cantales, RDCS

Technical Supervisor, Echocardiography
Laboratory
St. Luke's-Roosevelt Hospital Center
New York, New York

Deborah Friedman, MD

Acting Chairman of Pediatrics
Director, Division of Pediatric Cardiology
St. Luke's-Roosevelt Hospital Center
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

Zaharia Hillel, PhD, MD

Professor of Clinical Anesthesiology
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Norman Krasnow, MD

Clinical Professor of Medicine
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Surgeons
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New York, New York

Jonathan Sackner-Bernstein, MD

Assistant Professor of Clinical Medicine
Columbia University College of Physicians and
Surgeons
Associate Chief, Division of Cardiology
Director of Heart Failure Program
St. Luke's-Roosevelt Hospital Center
New York, New York

Mark Sherrid, MD

Associate Professor of Clinical Medicine
Columbia University College of Physicians and
Surgeons
Site Director of Echocardiography Laboratory
Roosevelt Hospital Center
New York, New York

Binoy Singh, MD

Assistant Professor of Clinical Medicine
Columbia University College of Physicians and
Surgeons
Attending in Echocardiography
St. Luke's-Roosevelt Hospital Center
New York, New York

Jonathan S. Steinberg, MD

Professor of Medicine
Columbia University College of Physicians and
Surgeons
Chief, Division of Cardiology

Director of Arrhythmia Service
St. Luke's-Roosevelt Hospital Center
New York, New York

Daniel G. Swistel, MD

Associate Professor of Clinical Medicine
Columbia University College of Physicians and
Surgeons
Chief, Division of Cardiothoracic Surgery
St. Luke's-Roosevelt Hospital Center
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-Roosevelt Hospital Center
New York, New York

James R. Wilentz, MD

Assistant Professor of Medicine
Albert Einstein College of Medicine
Interventional Cardiologist
Beth Israel Medical Center
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-Roosevelt Hospital Center
New York, York

Guest Faculty

Martin E. Goldman, MD

Dr. Arthur and Hilda Master
Professor of Medicine (Cardiology)
Mount Sinai School of Medicine
Director, Echocardiography Laboratory
The Zena and Michahel A. Wiener
Cardiovascular Institute
Mount Sinai Medical Center
New York, New York

Rebecca Hahn, MD

Associate Professor of Medicine
Cornell University
Director of Clinical Echocardiography
New York Presbyterian Hospital
New York, New York

Shunichi Homma, MD

Associate Professor of Medicine
Columbia University College of Physicians and
Surgeons
Associate Chief, Division of Cardiology
Director of Echocardiography Laboratories
Columbia Presbyterian Medical Center
New York, New York

Itzak Kranzan, MD

Professor of Medicine
NYU School of Medicine
Director, Non-Invasive Cardiology
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James Macioch, DO

Assistant Professor of Medicine
Rush Medical College
Associate Director of Echocardiography
Laboratory
Director of Stress Echocardiography
Rush-Presbyterian / St. Luke's Medical Center
Chicago, Illinois

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

David J. Mehlman, MD

Associate Professor of Medicine
Feinberg School of Medicine
Northwestern University Medical School
Medical Co-Director of Echocardiography
Laboratory

Northwestern Memorial Hospital

Chicago, Illinois **Thomas Ryan, MD**
Professor of Medicine
Duke University Medical Center
Vice-Chief, Clinical Services
Director, Duke Heart Center
Division of Cardiology
Duke University Medical Center
Durham, North Carolina

Mohamed Saric, MD

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University of Medicine and Dentistry
Director, Echocardiography Laboratory
University of Medicine and Dentistry
Newark, New Jersey

Jamshid Shirani, MD

Associate Professor of Clinical Medicine and
Pathology
Albert Einstein College of Medicine
Program Director of Cardiology Fellowship
Program
Director of Non-Invasive Cardiac Laboratories
Albert Einstein/Montefiore Medical Center
Bronx, New York

James D. Thomas, MD, FACC

Charles and Lorraine Moore Chair of
Cardiovascular Imaging
Lead Scientist for Ultrasound – NASA
Professor of Medicine and Biomedical
Engineering
Ohio State University
Director of Cardiovascular Imaging
Cleveland Clinical Foundation
Cleveland, Ohio

Program Coordinator

Jacqueline Ortiz

Technical Staff

Ludmila Bobrova, RDMS
Deborah Cantales, RDCS
Jennifer Henry
Karen Jannicelli
Daniel Lam
George Minix, RDCS
Michael Passick, RDCS, RCVT
Gretchen Pearle, RDCS

The "Faculty Disclosure Policy" of Beth Israel Medical Center and St. Luke's-Roosevelt Hospital Center requires that faculty participating in a CME activity disclose to the audience any relationship with a pharmaceutical or equipment company which might pose a potential, apparent, or real conflict of interest with regard to their contribution to the activity, and any discussions of unlabeled or investigational use of any commercial product or device not yet approved in the United States.

Faculty

Second Annual

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Day 1 Saturday, October 5, 2002

12:30 Registration

12:55 Welcome and Opening Remark
Farooq A. Chaudhry, MD

Valvular and Myocardial Disease

1:00 Valvular Regurgitation, Diagnosis, Limitations, Pitfalls and Case Studies
David Mehlman, MD

1:45 Mitral/Tricuspid Valvular Stenosis, Diagnosis, Limitations, Pitfalls and Case Studies
Marvin Berger, MD

2:15 Aortic/Pulmonic Valvular Stenosis, Diagnosis, Limitations, Pitfalls and Case Studies
Norman Krasnow, MD

2:45 When is Cardiac Catheterization Necessary in Valvular Heart Disease?
David Mehlman, MD

3:15 **Refreshment Break and Exhibits**

3:30 Evaluation of Prosthetic Valves
David Mehlman, MD

4:15 Diastolic Dysfunction
Mohamed Saric, MD

4:45 Role of Echo in Heart Failure
Jonathan Sackner-Bernstein, MD

5:15 Pericardial Diseases
Susan Hecht, MD

5:45 Case Studies
Faculty

6:15 **Adjourn: Turn in Evaluations**

Day 2 Sunday, October 6, 2002

7:30 Registration and Continental Breakfast

Stress Echocardiography

8:00 CAD, Myocardial Infarction and Complications
Jamshid Shirani, MD

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

9:00 Stress Echocardiography for Risk Stratification and Prognosis in Patients with CAD
Thomas Ryan, MD

9:30 Assessment of Reversible Left Ventricular Dysfunction
Farooq A. Chaudhry, MD

10:00 Stress Echocardiography for Risk Stratification Post MI
Thomas Ryan, MD

10:30 **Refreshment Break and Exhibits**

10:45 Stress Echo, Case Studies
Farooq A. Chaudhry, MD
Thomas Ryan, MD
Binoy K. Singh, MD

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Modalities for Diagnosis and Risk Stratification for Coronary Artery Disease

- 11:30 Nuclear Cardiology
Siu-Sun Yao, MD
- 12:00 Cardiac MRI and EBCT
Lawrence M. Bost, MD
- 12:30 Panel Discussion
Lawrence M. Bost, MD
Farooq A. Chaudhry, MD
Thomas Ryan, MD
Siu-Sun Yao, MD
Jamshid Shirani, MD
Binoy Singh, MD

12:45 *Luncheon (Included)*

Transesophageal Echocardiography

- 1:45 TEE Set-up Technique, Guidelines, Indication and Complications
David D. McPherson, MD
- 2:15 TEE for Cardioversion, Stroke and Aortic Disease
Itzak Kranzan, MD
- 2:45 Echocardiography for Endocarditis, Abscess and Masses
Rebecca Hahn, MD
- 3:15 *Refreshment Break and Exhibits*
- 3:30 TEE in the Operating Room: Surgeons Perspective
Daniel G. Swistel, MD
- 4:00 TEE in the Operating Room: Anesthesiology Perspective
Daniel Thys, MD
- 4:30 Role of TEE in Critical Care Setting
Zak Hillel, MD
- 5:00 Impact of Echo in Treatment of Hypertrophic Cardiomyopathy
Mark Sherrid, MD
- 5:30 Case Studies
Faculty
- 6:15 *Adjourn: Turn in Evaluations*

Day 3 Monday, October 7, 2002

7:30 Registration and Continental Breakfast

Contrast Echocardiography: New and Evolving Technologies

- 8:00 Contrast Echo: A Synopsis for the Practicing Physician
Farooq A. Chaudhry, MD
- 8:30 Contrast Echocardiography in Assessment of Myocardial Perfusion: Now and the Future
Martin Goldman, MD
- 9:00 Live Demonstration of Contrast Echo; Imaging Techniques, Intermittent Imaging, Harmonic, Inversion, Power, CCI and Case Studies
Deborah Cantales, RDCS
Farooq A. Chaudhry, MD
Binoy Singh, MD
- 10:00 Novel Applications of Contrast Echocardiography: The Future
David McPherson, MD

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- 10:30 **Refreshment Break and Exhibits**
- 10:45 PISA,DTI, Myocardial Strain and Strain Rate Imaging, Clinical Indications
James Thomas, MD
- 11:15 3-D and 4-D Echocardiography: State of the Art and Future Designs
Shunichi Homma, MD
- 11:45 Digital Echo Lab
James Thomas, MD
- 12:15 Panel Discussion
Farooq A. Chaudhry, MD
Martin Goldman, MD
Shunichi Homma, MD
David McPherson, MD
Binoy Singh, MD
James Thomas, MD
- 12:30 **Luncheon (included)**
- 1:30 Role of Intracardiac Echo in the EP Lab: Clinical Applications
Jonathan Steinberg, MD
- 2:00 Role of Intravascular Ultrasound in the Cardiac Catheterization Laboratory: Clinical Applications
James R. Wilentz, MD
- 2:30 Basic Approach to Adult Congenital Heart Disease and Case Studies
Deborah Friedman, MD
- 3:30 **Refreshment Break and Exhibits**
- 3:45 Carotid Artery Disease, Intimal Medial Thickness and Plaque Morphology: A Synopsis
James Macioch
- 4:15 Interesting Echos: Case Studies & Quiz
Faculty
- 5:00 Closing Remarks
- Conference Adjourned: Turn in Evaluations**

CONCURRENT WORKSHOPS)

Moderators: *Mark Sherrid, MD*
Siu-Sun Yao, MD

- | | | | |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------|
| 1:30 | Transthoracic/Congenital Echo
<i>Deborah Cantales, RDCS</i>
<i>Lynette Duncanson, RDCS</i>
<i>Deborah Friedman, MD</i>
<i>Michael Passick, RDCS</i> | 2:45 | Contrast Echo
<i>Deborah Cantales, RDCS</i>
<i>Daniel Lam</i>
<i>Michael Passick, RDCS</i>
<i>Binoy Singh, MD</i> |
| 2:15 | Transesophageal Echo
<i>Norman Krasnow, MD</i>
<i>George Minix, RDCS</i>
<i>Michael Passick, RDCS</i>
<i>Gretchen Pearle, RDCS</i> | 3:30 | Refreshment Break and Exhibits |
| | | 3:45 | Stress Echo
<i>Deborah Cantales, RDCS</i>
<i>Michael Passick, RDCS</i>
<i>Binoy K. Singh, MD</i> |

Program Schedule

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The New York Helmsley Hotel, 212 East 42nd Street, New York, New York

Name: _____

Title: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____ E-mail: _____

Specialty: _____

Tuition

Includes two continental breakfasts, 2 luncheons, refreshment breaks and a course syllabus

	By September 15	After September 15
Physicians	<input type="checkbox"/> \$525	<input type="checkbox"/> \$575
Residents, Fellows		
Sonographers and Nurses	<input type="checkbox"/> \$375	<input type="checkbox"/> \$395

Residents and fellows must enclose letters from their Chiefs of Service.

Please Mail or Fax this Registration Form

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

Enclosed is my check made payable to

SLRHC-CME

Or Charge my:

VISA MC AMEX

Exp. Date ____ / ____ / ____

Signature _____

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