

PHILIPS HEALTHCARE

Live 3D Echo TEE **Training Registration Form** – January 9-10, 2009

Please circle your preferred course location:

Chicago Las Vegas New York Orlando

- Registrations are confirmed on a first come first serve basis (complete information is required)
- Confirmation will be sent via email

Guest Name: _____

Institution Name: _____

Institution Address: _____

Phone: _____

Cell Phone: _____

(used only for contact while traveling)

*Email: _____

(*needed for confirmation & course communications. Privacy policy is available)

Payment Options:

Tuition only - \$2,500 / Optional Travel Package - \$1,235

Entitled tuition – from purchase (includes travel) serial # required _____

Other payment options if not entitled

Check (check # required) _____

Purchase Order (PO # required) _____

Credit Card _____

(number, expiration & signature required)

Signature _____

Exp. _____ Security Code _____

Return your completed form via Fax to (425)487-7946

or mail to Philips Healthcare,

PO Box 3003, MS623, Bothell, WA 98041

Phone: 800-522-7022



**Philips requires a minimum number of registrants 30 days prior to course. If we do not meet these requirements we will notify you immediately.*



Location & Accommodations

Orlando FL

Marriott Orlando World Center Resort and Convention Center
8701 World Center Dr, Orlando, FL 32821
www.marriottworldcenter.com

Las Vegas

JW Marriott Las Vegas Resort and Spa at Summerlin
221 N Rampart Blvd, Las Vegas, NV 89145
www.jwlasvegasresort.com

New York

Marriott New York Downtown
85 West Street at Albany Street, New York, NY 10006
www.marriott.com/hotels/travel/nycws-new-york-marriott-downtown

Chicago

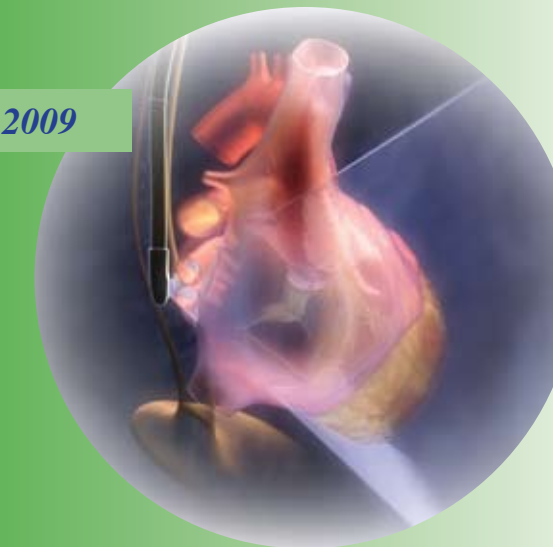
Chicago Marriott Downtown
540 North Michigan Ave, Chicago, IL 60611
www.chicagomarriottdowntown.com

**First Satellite 3D Matrix
TEE Conference**

January 9-10, 2009

PHILIPS

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*The University of Chicago Section of Cardiology
And
Philips Healthcare*

First Satellite 3D Matrix TEE Conference With Interactive and Computer Imaging Sessions

Host Sites: Chicago, Illinois
Orlando, Florida
Las Vegas, Nevada
New York, New York

Conference Directors

Roberto M. Lang, M.D., FASE

Lissa Sugeng, M.D.

Course Description

This ground breaking course will introduce the 3D Matrix Transesophageal transducer. This course will be tailored for Cardiologists, Echocardiographers, Sonographers, Cardiac Anesthesiologists, Cardiac Surgeons and Fellows in Training. The program will include didactic lectures as well as, live demonstrations of studies from a satellite location specifically focused on how to perform a three-dimensional echo examination. Experienced faculty will be available on site to answer questions and to facilitate active discussion with the audience. Efforts will be made to emphasize how to interpret a three-dimensional echo study and stress its clinical application in daily Cardiology practice as well as in an Operating room. There will be special hands-on workshops to facilitate learning of quantitative 3D software. Detailed syllabus materials will be provided.

Upon completion of this program, attendees should be able to:

- To identify cardiac anatomy in a three-dimensional echocardiographic image.
- To recognize the standard views of transesophageal three-dimensional echocardiography using a fully sampled matrix array transesophageal probe.
- To comprehend data acquisition, cropping and display of transesophageal three-dimensional data sets using QLAB software.
- To recognize common cardiovascular pathology in three-dimensional transesophageal data sets.
- To identify common mitral valve pathology in which the use of Live 3D TEE would be useful for intraoperative planning of mitral valve surgery.
- To recognize the value of real time transesophageal echocardiography in the guidance of atrial septal closures, left atrial appendage closures, and percutaneous reduction of mitral regurgitation.
- To obtain knowledge on the software required to volumetrically quantify the mitral valve apparatus from transesophageal three dimensional data sets.
- To recognize the indications in which transthoracic three dimensional echocardiographic imaging would be of clinical benefit.
- To improve their skills in three dimensional transthoracic data acquisition.
- To learn QLAB quantification required for quantification of left ventricular volumes and ejection fraction.
- To learn the use of transthoracic real time three dimensional echocardiography to select patients for cardiac resynchronization therapy.
- To incorporate transthoracic three-dimensional echocardiography in daily clinical practice.

First Satellite 3D MTEE Conference

January 9, 2009

8:00-8:45am CST	Registration/Continental Breakfast Welcome and Registration	
8:45-9:00am	Welcome and Introduction	Roberto Lang, MD
9:00-9:15am	How TEE Revolutionized the Practice of Cardiology	Pravin Shah, MD
9:15-9:30am	Matrix Evolution: The Creation of Another TEE Dimension	Dave Prater
9:30-9:50am	Mitral Valve Anatomy: Two-Dimensional Assessment	Pravin Shah, MD
9:50-10:10am	Mitral Valve Anatomy: Three-Dimensional Evaluation	Roberto Lang, MD
10:10-10:30am	Mitral Valve Anatomy: What information does the Surgeon <u>REALLY</u> need	David Adams, MD
10:30-10:45am	Refreshment Break	
10:45-11:30am	Live 3D Matrix TEE: The Basics Data Acquisition, Image processing and Display Lissa Sugeng, MD Live Transmission:...Normal Goal: • Demonstrate knobology, 3D acquisition, thresholding, and display using the 3D Matrix TEE Probe • Demonstrate 2D and 3D imaging Panelists: Pravin Shah, MD, Stanton Shernan, MD, Ivan Salgo, MD, Gregory Fisher, MD, David Adams, MD, Roberto Lang, TEE Crew: Lissa Sugeng, MD, Lynn Weinert, BS, RDCS, and Kathy Furlong, RN, BSN	Moderator: Itzhak Kronzon, MD
11:30-11:45am	Live 3D MTEE: More Than Pretty Pictures... Introduction LV quantification and MVQ	Ivan Salgo, MD
11:45am-12:30pm	Live Transmission: MVP (TTE and TEE) Goal: • Demonstrate 2D and 3D imaging of the MV • Display of 3D pathology of MVP • Demonstrate MVQ Panelists: Stanton Shernan, MD, Ivan Salgo, MD, Gregory Fisher, MD, MD, David Adams, MD, Roberto Lang, MD TEE Crew: Lissa Sugeng, MD, Lynn Weinert, BS, RDCS, and Kathy Furlong, RN, BSN	Moderator: Pravin Shah, MD
12:30-1:30pm	Lunch	
1:30-1:45pm	Do You See What I See...? Anatomic Observations and Echocardiographic Correlation in the Operating Room	Gregory W. Fisher, MD
1:45-2:15pm	Current Concepts in Mitral Valve Repair for Degenerative Mitral Valve Disease	David Adams, MD
2:15-2:35pm	Intraoperative Imaging: Decision Making for Mitral Valve Repair	Stanton Shernan, MD

2:35-3:45pm	Rapid Fire: (5 slides/presentation) 1. Barlow's MVP (S. Shernan, MD) 2. SAM with persistent Obstruction (P. Shah, MD) 3. SAM with resolved Obstruction (R. Lang, MD) 4. Paravalvular Leak (I. Kronzon, MD) 5. Calcification (L. Sugeng, MD) 6. MV Endocarditis (G. Fischer, MD) Panelists: Roberto Lang, Pravin Shah, MD, Itzak Kronzon, Stanton Shernan, MD, David Adams, MD, Dr. Valluvan Jeevanandam	Moderators: David Adams, MD and Itzhak Kronzon, MD
3:45-4:30pm	Live Transmission:...Ischemic MR / Mitral Regurgitation Panelists: Pravin Shah, MD, Itzak Kronzon, MD, Ivan Salgo, MD, Stanton Shernan, MD, David Adams, MD, Valluvan Jeevanandam, MD, Roberto Lang, MD, TEE Crew: Lissa Sugeng, MD, Lynn Weinert, BS, RDCS, and Kathy Furlong, RN, BSN	Moderator: Stanton Shernan, MD
4:30-5:00pm	Mitral Valve Repair in Secondary MR: Ring or Transplant?	Valluvan Jeevanandam, MD
5:00-5:15pm	Intraoperative Imaging: Decision Making for Mitral Valve Repair	Stanton Shernan, MD
5:15-5:30 pm	It is not the valveRemodel the LV!	Jai Raman, MD
5:30-5:45pm	The Role of 3D Matrix TEE for Guidance of Percutaneous Procedures	Itzhak Kronzon, MD
5:45-6:00pm	Rapid Fire of cases: 1. Percutaneous Mitral Valve (I. Kronzon, MD) 2. LAA closure (J.Lopez, MD) 3. Imaging in EP (B. Knight, MD) 4. ASD closure (J. Lodato, MD) 5. Valve Assessment with MRI (A. Patel, MD)	Moderators: Bradley Knight, MD and Itzhak Kronzon, MD

January 10, 2009

8:00-8:45am CST	Registration/Continental Breakfast Welcome and Registration	
8:45-9:00am	Welcome and Introduction	Roberto Lang, MD
9:00-9:30am	QLAB Tour of Knobology	Roberto Lang, MD, Lissa Sugeng, MD and Ivan Salgo, MD
9:30-9:45am	Introduction to 3DQ and 3DQ Advanced	Lissa Sugeng, MD
9:45-10:30am	Interactive Computer Session 3DQ and 3DQ advanced -Distance Measurements (ASD) -Area Measurements (Mitral Valve) -LV Mass Measurements (LV1) -Volume and Ejection Fraction (LV2) -LV Dyssynchrony (LV3)	Roberto Lang, MD, Lissa Sugeng, MD and Lynn Weinert, RDCS
10:30-10:45am	Refreshment Break	
10:45-11:00am	Introduction of MVQ	Ivan Salgo, MD
11:00am-3:00pm	Interactive Computer Session MVQ Simple and Advanced (During this session a limited break and lunch will be served at noon.)	Roberto Lang, MD and Ivan Salgo, MD

Faculty Disclosure

It is the policy of the University of Chicago to ensure balance, independence, objectivity and scientific rigor in all its individually sponsored or jointly sponsored educational programs. All individuals who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Mechanisms to ensure that presentations are free from commercial bias are in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Full disclosure of this information will be published in the conference materials.

Guest Faculty	The University of Chicago Faculty	
David Adams, M.D. Marie-Josée and Henry R. Kravis Professor and Chairman Department of Cardiothoracic Surgery, Mount Sinai Medical Center New York City, NY	Keith Collins, M.S. RDCS Non-Invasive Cardiovascular Imaging Laboratory	Anne O' Connor, M.D. Assistant Professor of Medicine Non-Invasive Cardiovascular Imaging Laboratory
Gregory W. Fischer, M.D. Assistant Professor Co-Director of Cardio-Thoracic Anesthesia Anesthesiology & Cardiothoracic Surgery Mount Sinai Medical Center New York, N.Y.	Jeanne De Cara, M.D. Associate Professor of Medicine Non-Invasive Cardiac Imaging Laboratory	Amit Patel, M.D. Assitant Professor of Medicine Director of Cardiac Magnetic Resonance Laboratory
Itzhak Kronzon, M.D., FACC, FACP, FASE, FAHA, FESC Professor of Medicine Director, Non-Invasive Cardiology NYU Langone Medical Center New York, New York	Kathy Furlong, R.N., B.S.N Non-Invasive Cardiovascular Imaging Laboratory	Heidi Pollard, RDCS Non-Invasive Cardiovascular Imaging Laboratory
David Prater Philips Medical Systems Engineer	Valluvan Jeevanandam, M.D. Professor of Surgery Chief of Cardiac and Thoracic Surgery	Jaishankar Raman, M.D., Ph.D. Associate Professor of Surgery Cardiac and Thoracic Surgery
Ivan Salgo, M.D. Chief of Cardiovascular Medical Investigations Philips Ultrasound Research and Development Philips Medical Systems Andover, MA	Bradley Knight, M.D. Professor of Medicine Director of Electrophysiology Laboratory	Anne Ryan, R.N., B.S.N Non-Invasive Cardiovascular Imaging Laboratory
Pravin M. Shah, MD, MACC Chair, Medical Director Hoag Heart Valve Center Newport Beach, California	John J. Lopez, M.D. Associate Professor of Medicine Director, Interventional Cardiology	Kirk T. Spencer, M.D., FASE Associate Professor of Medicine Associate Director of Non-Invasive Cardiovascular Imaging Laboratory
Stanton Shernan, MD, FASE Associate Professor Director of Cardiac Anesthesia Brigham's and Women's Hospital Boston, MA	Boguslaw Kwak, RDCS, RCS Non-Invasive Cardiovascular Imaging Laboratory	Lissa Sugeng, M.D. Assistant Professor of Medicine Non-Invasive Cardiovascular Imaging Laboratory
	Georgeanne Lammertin, BScH, RDCS, RCS Non-Invasive Cardiovascular Imaging Laboratory	Jennifer Treadwell Non-Invasive Cardiovascular Imaging Laboratory
	Roberto Lang, MD, FASE Professor of Medicine Director of Non-Invasive Cardiovascular Imaging Laboratory	Minnie Thykattil, M.S., RDCS Non-Invasive Cardiovascular Imaging Laboratory
	Joseph Lodato, M.D. Assistant Professor Director of Cardiovascular CT Laboratory	R. Parker Ward, M.D. Associate Professor of Medicine Director of Cardiovascular Fellowship Program Non-Invasive Cardiovascular Imaging Laboratory
	Richard Mattioli, RDCS Non-Invasive Cardiovascular Imaging Laboratory	
	Victor Mor-Avi, Ph.D. Research Associate, Professor Director of Cardiac Imaging Research	Lynn Weinert, B.S., RDCS Non-Invasive Cardiovascular Imaging Laboratory