



Please join us for

CVI's 2nd Annual Echo Update

CONTINUING MEDICAL EDUCATION PROGRAM

Sunday, January 10, 2010
7:30 a.m. – 3:30 p.m.

Loews Philadelphia Hotel
1200 Market Street
Philadelphia, PA

Course Co-Directors:

Riti Patel, M.D.

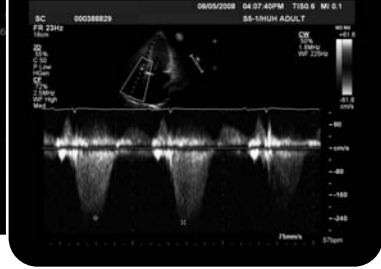
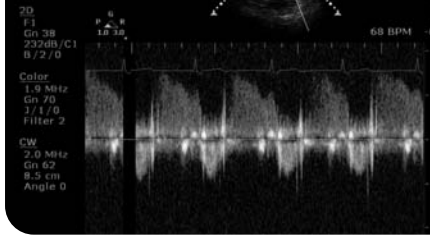
Erin O'Malley Tysko, M.D.

Veronica A. Covalesky, M.D.



DREXEL UNIVERSITY
COLLEGE OF MEDICINE

In the Tradition of Woman's Medical College of
Pennsylvania and Hahnemann Medical College™



Why You Should Attend

CVT's 2nd Annual Echo Update is designed to further the skills of those who perform and interpret echocardiograms.

This year's primary focus is on the use of cardiac ultrasound imaging in the clinical and surgical management of patients with aortic valvular disease.

- During our morning session we will explore:
- Basics and clinical challenges of imaging the aortic valve
 - Evaluation of aortic regurgitation
 - Prosthetic valve evaluation
 - Challenging anticoagulation cases with prosthetic valves
 - The use of echo in aortic valve surgery from both the clinician's and surgeon's perspective

Our afternoon session will offer participants an opportunity to attend several lectures reviewing the latest literature and recent advances in the field such as "Basics of 3D Echo", and "Assessment of Right Heart Disease and Management of Pulmonary Hypertension in Aortic Stenosis"; or to attend interactive case based sessions – "Clinical management of challenging valvular cases" – with live model imaging.

Target Audience

Cardiologists, cardiovascular surgeons, echocardiographers and sonographers who perform, supervise and interpret echocardiograms.

The program is also valuable for clinical cardiologists, referring physicians, nurse practitioners, physician assistants, cardiology fellows, residents and other healthcare providers who use echocardiograms in clinical practice.

Learning Objectives

After attending CVT's 2nd Annual Echo Update participants will be better able to:

- Describe the basic principles of adult echocardiography
- Detail the techniques used to perform and interpret cardiac ultrasound studies
- Exhibit better recognition of advanced technical and clinical applications used to image the aortic valve.
- Determine the risks/benefits of anticoagulation in patients with mechanical valves.
- Recognize the echocardiographic appearance of different types of prosthetic heart valves.
- Utilize current ASE guidelines for the assessment of prosthetic valves.
- Discuss the current applications of 3D imaging in cardiac disease
- Describe the management of pulmonary hypertension in patients with valvular disease

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Drexel University College of Medicine and the Cardiovascular Institute of Philadelphia. The Drexel University College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. **AMA:** The Drexel University College of Medicine designates this educational activity for a maximum of 7.25 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity **AOA:** This program is eligible for 7.25 credits in Category 2A of the American Osteopathic Association.

Course Directors

Drexel University College of Medicine:

Riti Patel, M.D., F.A.C.C. – *Clinical Assistant Professor of Medicine*

Erin O'Malley Tysko, M.D. – *Clinical Assistant Professor of Medicine*

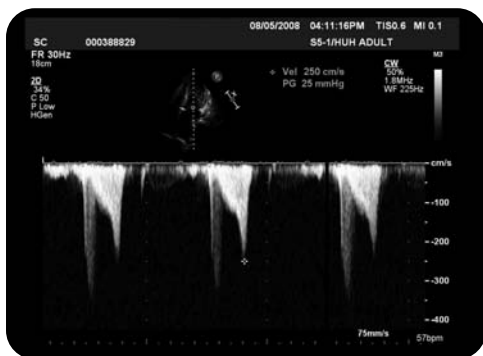
Veronica Covalesky, M.D., F.A.C.C. – *Clinical Assistant Professor of Medicine*

Faculty Disclosure Statement

It is the policy of Drexel University College of Medicine to insure balance, independence, objectivity, and scientific rigor in all its sponsored educational programs. Speakers at continuing medical education activities are required to disclose to the audience their financial relationships with the manufacturer(s) of any commercial products, goods or services related to the subject matter of the program topic. Any conflicts of interest must be resolved prior to the presentation and announced to the audience. The intent of this disclosure is to allow participants to form their own judgments about the educational content of this activity and determine whether the speaker's commercial interests influenced the presentation. In addition, speakers are required to openly disclose any off-label, experimental, or investigational use of drugs or devices discussed in their presentation.

Acknowledgements

All commercial support in the form of educational grants and display support will be acknowledged in the syllabus, signage and verbally at the program.



Faculty

Bijoy Khandheria, M.D., F.A.C.P., F.E.S.C., F.A.C.C., F.A.S.E. – *Professor of Medicine; Past President of the American Society of Echocardiography; Senior Consultant Editor, Journal of the American Society of Echocardiography*

Cardiology Consultants of Philadelphia

Harinder Sharma, M.D., F.A.C.C. – *Clinical Cardiologist*

Columbia University Medical Center

Rebecca Hahn, M.D., F.A.C.C., F.A.S.E. – *Associate Professor of Clinical Medicine; Associate Medical Director Cardiac Valve Program (Non-Invasive)*

Drexel University College of Medicine

M. Ranu Muttreja, M.D. – *Clinical Associate Professor of Medicine; Medical Director, Porter Institute for Valvular Heart Disease, Abington Memorial Hospital*

Hospital of the University of Pennsylvania

Tami Bach, M.D., Ph.D – *Clinical Assistant Professor of Medicine; Director, Penn Comprehensive Hemophilia and Thrombosis Program*

Paul Forfia, M.D. – *Clinical Assistant Professor of Medicine; Director, Pulmonary Hypertension Program*

Penn Presbyterian Medical Center

Richard Weiss, M.D., F.A.C.C., F.A.C.P., F.A.S.E. – *Clinical Associate Professor of Medicine*

Temple University School of Medicine

Benjamin Sanchez, M.D. – *Associate Professor of Medicine*

The Cardiac Center at The Children's Hospital of Philadelphia

Patrick Coon, RDCS, FASE – *Program Director, Echocardiography Laboratory*

Thomas Jefferson Medical College

Alexis Sokil, M.D. – *Associate Professor of Medicine*

University of Pennsylvania School of Medicine

Joseph Woo, M.D. – *Assistant Professor of Surgery*

Echocardiography Update 2010 **Agenda**

Sunday, January, 10, 2010 • Loews Philadelphia Hotel

Introduction and Course Overview	Riti Patel, M. D.	7:30am – 7:45am
The Basics of Imaging of the Aortic Valve	Alex Sokil, M.D.	7:45am – 8:15am
Clinical Challenges to Echocardiographic Evaluation of the Aortic Valve	Bijoy Khandheria, M. D.	8:15am – 9:15am
Evaluation of Aortic Regurgitation	Bijoy Khandheria, M. D.	9:15am – 9:45am
The Clinician's Approach to Aortic Valve Surgery	Ranu Muttreja, M.D.	9:45am – 10:30am
Break		10:30am – 11:00am
The Surgeon's Perspective on the Aortic Valve and New Techniques	Joseph Woo, M.D.	11:00 am – 11:45am
Evaluation of Prosthetic Valves	Rebecca Hahn, M.D.	11:45am – 12:15pm
Lunch and Patient Case Discussions	Richard Weiss, M.D. Benjamin Sanchez, M.D.	12:15pm – 1:45pm
Breakout A: Lecture		1:45pm – 2:15pm
The Basics of 3D Echo	Rebecca Hahn, M.D	

Breakout B: Interactive Session		
Case Based Approach to Diagnosis of Valvular Disease	Harinder Sharma, M.D. Patrick Coon, RDCS	
Breakout A: Lecture		2:15pm – 2:45p.m
Assessment of Right Heart Disease and Management of Pulmonary Hypertension in Aortic Stenosis	Paul Forfia, M.D.	

Breakout B: Interactive Session		
Case Based Approach to Diagnosis of Valvular Disease 2	Harinder Sharma, M.D. Patrick Coon, RDCS	
Challenging Anticoagulation Cases with Prosthetic Valves	Tami Bach, M.D., Ph.D.	2:45pm – 3:15pm
Review and Closing	Erin O'Malley Tysko, M. D.	3:15pm – 3:30pm

CVI's 2nd Annual Echo Update

Name: _____ Gender: M F

Degree: _____ Clinical Position: _____

Affiliation Name: _____

Phone: _____ Fax: _____

E-mail address: _____

Address: _____

City: _____ State: _____ Zip: _____

Physical Assistance Required? Y N

Special Dietary Needs? _____

Registration Fees:

Be an early bird ... sign up and pay your registration by December 11, 2009 and take \$25 off your registration fee!

Physicians and Industry: \$295 (\$270 early bird by 12/11)

Sonographers, Mid Level Providers: \$150 (\$125 early bird by 12/11)

Fellows, Residents, Medical Students: \$95 (\$70 early bird by 12/11)

Add \$10.00 service fee for Visa/MC/AMEX

Card # _____ Exp _____

Name on Card _____

Billing Address _____

You MUST register by January 3, 2010 to guarantee your seat.

Please make checks payable to: **Cardiovascular Institute of Philadelphia**

P.O. Box 54632, Philadelphia, PA 19148 • Phone: 215-389-2300 • Fax: 215-389-5450

Please E-mail or fax this form to: **CVI.LesaGreen@verizon.net** or fax to: **215-389-5450**
All confirmation letters will be faxed or e-mailed – NO confirmations will be sent via US Mail.

Course Registration Cancellation Policy: Requests in writing for refunds less \$35 administrative fee will be honored up to December 30, 2009 and processed after the meeting. Registrations are transferable with prior notification to CVI by December 30, 2009.