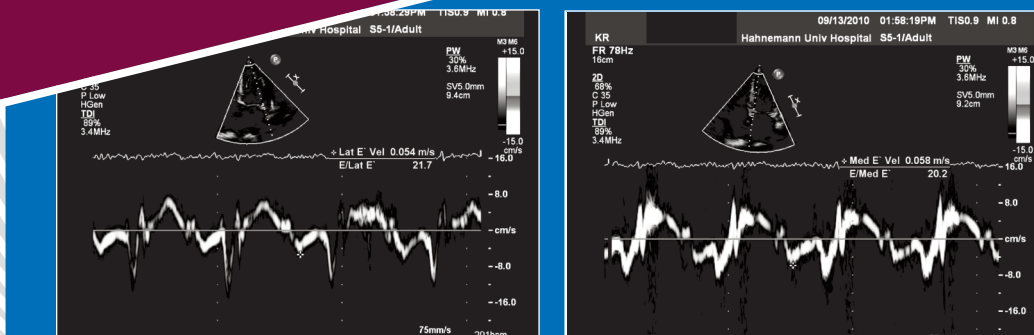


REGISTRATION NOW OPEN!

Full program details & online registration
at cvphiladelphia.org



Please join us for

CVI's 7th Annual Echocardiography Update

Controversies and Complexities of Echocardiography

Sunday, January 18, 2015
7:45 a.m. – 4:15 p.m.

Loews Philadelphia Hotel
1200 Market Street • Philadelphia, PA

Course Directors:

Veronica A. Covalesky, MD
Martin G. Keane, MD

Jointly provided by:



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Why You Should Attend

CVI's 7th Annual Echocardiography Update focuses on current controversies and complexities often encountered during the performance, supervision and interpretation of state-of-the-art echocardiographic studies.

Focus topics include Echo to Evaluate CAD and Ischemia; PA Pressures, Pulmonary Vascular Resistance and RV Volume Estimation by 2D/3D Echo; CMR and Cardiac CT for Advanced Imaging of the RV; Valve Area and Gradient Mismatch in AS; Controversies in CV Care; Optimizing Echo in Difficult and Complex Patients; Common Mistakes and Mishaps in Valve Evaluation; Sonographer's Perspective of AS; What Surgeons Need from Echo in AVR and Complex Aortic Surgery; 3D TEE and ICE Case Presentations.

After attending CVI's 7th Annual Echo Update, clinicians will have a better recognition of these important topics, which are critical in effective utilization of this powerful diagnostic tool, and will be better able to utilize echocardiography to improve safety and outcomes for their patients.

Target Audience

Cardiologists, echocardiographers, interventional cardiologists, electrophysiologists, cardiac surgeons, anesthesiologists, emergency department physicians, hospitalists, referring physicians, fellows, residents and all physicians who care for patients with cardiovascular disease; cardiac sonographers, nurse practitioners, physician assistants and nurses participating in the care of patients with cardiovascular disease.

Learning Objectives

After attending CVI's 7th Annual Echocardiography Update, attendees will be better able to:

- Discuss current indications/contraindications for stress echo
- Recognize common pitfalls in stress echo technique
- Describe the methods and their differing accuracies in the assessment of pulmonary artery pressure by 2D echocardiography and Doppler
- Demonstrate how 3D volumetric assessment of RV volumes and function can be accurately applied in daily practice
- Enumerate the ways in which CT and CMR evaluation of the RV enhance echo techniques
- Compare and contrast advanced volumetric measurement with 3D Echo
- Discuss the discrepancies that can occur with area and gradient assessment of aortic stenosis severity
- Describe the role of flow and pressure recovery in determining aortic stenosis area and gradient
- Discuss the most pressing controversies in cardiac care in 2015
- Obtain optimized images on complex patients
- Illustrate the appropriate use of contrast in the echo lab
- Utilize simple bedside techniques to improve echo image quality
- Obtain necessary images and Doppler to better quantify regurgitant lesions of the heart valves
- Avoid mistakes in patient care through better recognition of common echo mishaps
- More accurately assess aortic stenosis through careful 2D and Doppler image acquisition
- Optimize Doppler measurements during echo assessment of aortic stenosis
- Identify the mechanisms of aortic valve regurgitation
- Appropriately select patients with severe aortic regurgitation who are good candidates for aortic valve repair
- Compare and contrast the use of ICE vs TEE during catheter based interventions
- Delineate the benefits of 3D TEE during complex adult congenital interventional therapy

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Drexel University College of Medicine and The Cardiovascular Institute of Philadelphia (CVI). The Drexel University College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

AMA Credit Designation Statement: The Drexel University College of Medicine designates this live activity for a maximum of 7.25 *AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the 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.

SDMS: CVI's 7th Annual Echocardiography Update – Controversies and Complexities of Echocardiography has been approved for 7.25 Credits by SDMS; Approval #23530.

Course Directors

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* Faculty

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* Faculty Disclosure Statement

It is the policy of Drexel University College of Medicine to ensure 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, any relevant commercial interest (which is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients). 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 prior to the beginning of the program.



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*CVI appreciates the support of the Pennsylvania Chapter of the
American College of Cardiology for their partnership in this activity.*

Program Agenda

CVI's 7th Annual Echocardiography Update: Controversies and Complexities of Echocardiography Sunday, January 18, 2015 • Loews Philadelphia Hotel 7.25 CME/SDMS/CEU Credits

Introduction and Course Overview

Martin Keane, MD

7:45am – 8:00am

Echocardiography in Evaluating Coronary Artery Disease
and Ischemia

Susie Hong-Zohlman, MD

8:00am – 8:40am

Keynote Presentation

Evaluation of PA Pressures, Pulmonary Vascular Resistance
and RV Volume Estimation by 2D/3D Echo ...

It's ALL You Need!

Sunil Mankad, MD

8:40am – 9:35am

BREAK

9:35am – 10:05am

Advanced Imaging of the RV with CMR and Cardiac CT:
The NEW Gold Standard

Pravin Patil, MD

10:05am – 10:55am

Aortic Stenosis: When Valve Area and Gradient Severity
Don't Match

Amr Abbas, MD

10:55am – 11:45am

Breakout Sessions (Choose One)

- Controversies of Cardiovascular Care: What's at the Forefront for 2015

Faculty TBA

or

- These Images Just Won't Do! Optimizing Echo in Difficult and Complex Patients

Pamela Burgess, RDCS, RDMS, RVT

Cathy Moser, RDCS

11:45am – 12:30pm

LUNCH

12:30pm – 1:15pm

Echocardiographic Mistakes and Mishaps With Valve
Evaluation: Cases with Curiosities

Sunil Mankad, MD

Amr Abbas, MD

Pamela Burgess, RDCS, RDMS, RVT

1:15pm – 2:00pm

Aortic Stenosis from a Sonographer's Perspective

Pamela Burgess, RDCS, RDMS, RVT

2:00pm – 2:45pm

Aortic Valve Repair and Complex Aortic Surgery:
What Surgeons Need from Echo

Konstadinos Plestis, MD

2:45pm – 3:25pm

Echo in the Cath Lab: 3D and ICE Cases

Brett Victor, MD

3:25pm – 4:05pm

Review and Closing

Veronica Covalesky, MD

4:05pm – 4:15pm

To Register Visit cvphiladelphia.org



Registration Form

Registration Fees

Be an early bird ... sign up and pay your registration by Monday 1/5/15 and take \$35 off your registration fee!

- Physicians and Industry: \$385
(\$350 *early bird* by 1/5/15)*
- Sonographer, Mid Level Provider, Nurse: \$235 (\$200 *early bird* by 1/5/15)*
- Fellows, Residents, Medical Students: \$185 (\$150 *early bird* by 1/5/15)*

*Price reflects discount of \$10 for payment by cash/check. Please add \$10 for Visa/MC/AMEX.

Syllabus

Several days prior to the program, syllabi including presentations will be available for download from a secure website. At registration you will receive a USB storage device with the same information at no additional charge.

At the conference, neither printers nor electrical outlets are available for attendee use.

Hard copy black & white syllabus including presentations may be ordered in advance for \$50, and available at registration. Hard copy syllabi must be ordered by January 8, 2015. Additional printed syllabi not available onsite.

Faculty PowerPoint presentation handouts are for the use of course attendees only pre and post-conference. This material may not be used, shared or distributed electronically.

**FREE Apple iPad 2 Drawing Details

In order to be entered into the FREE Apple iPad 2 Drawing, you must:

- Register and pay for CVI's 7th Annual Echocardiography Update by 5:00pm EST on Monday, January 5, 2015
- Submit your fully completed online program evaluation for CVI's 7th Annual Echocardiography Update by 5:00pm EST on Wednesday, February 11, 2015
- *And you are entered to win...*
It's as easy as that! Winner will be contacted via email.

Name _____

Degree _____ Gender ☐ M ☐ F

Clinical Position _____

Clinical Affiliation Name _____

NPI# _____

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Email Address _____

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Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	_____ @ \$350 (by 1/5/15)*	_____ @ \$385 (after 1/5/15)	\$ _____
Sonographer, Mid Level Provider, Nurse Registration	_____ @ \$200 (by 1/5/15)*	_____ @ \$235 (after 1/5/15)	\$ _____
Fellows, Residents, Medical Students	_____ @ \$150 (by 1/5/15)*	_____ @ \$185 (after 1/5/15)	\$ _____
Hard Copy Syllabus Must order by January 11, 2015	N/A	_____ @ \$50	\$ _____
Pay by Visa/MC/Amex	Add \$10 per registration	Add \$10 per registration	\$ _____
Apple iPad 2 Drawing Entry**	FREE	N/A	FREE
Grand Total			\$ _____

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Important Notes:

You MUST register by January 10, 2015 to guarantee your seat.

Please make checks payable to:

Cardiovascular Institute of Philadelphia
P.O. Box 56598 • Philadelphia, PA 19111
Phone: 215-389-2300 • Fax: 215-389-5450

Register online at cviphiladelphia.org

Course Registration Cancellation Policy:

Requests in writing for refunds less \$35 administrative fee by January 6, 2015, processed after the meeting. Registrations are transferable with prior notification to CVI by January 10, 2015.