



Please join us for

CVI's 10th Annual Echocardiography Update:

Echocardiographic Assessment of Valvular Heart Disease – Getting With The Guidelines

Sunday, January 14, 2018
7:30am – 5:00pm
 Hilton Philadelphia at Penn's Landing
 201 South Columbus Blvd. • Philadelphia, PA 19106

8.5 CME/CEU/SDMS Credits for all
7.5 MOC Points for physicians who certify
through the American Board of Internal Medicine

Register by
 12/11/17 for
\$35
 Registration Discount
 and **FREE** Apple
 iPad Drawing
215-389-2300

Course Directors:
 Veronica A. Covalesky, MD
 Martin G. Keane, MD
Associate Directors:
 Renee P. Bullock-Palmer, MD
 Michael J. Kostal, MD

Jointly provided by:



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Why You Should Attend

CVI's 10th Annual Echocardiography Update highlights the role of echocardiography in the diagnosis and management of valvular heart disease.

Focus topics for our morning sessions include evaluation of aortic valve stenosis and regurgitation, with attention to the recently released American Society of Echocardiography 2017 Guideline documents.

Our morning agenda continues with a Keynote Presentation offering historical insights and potential future directions of echocardiography from a nationally recognized thought leader in the field. We conclude the morning with a comprehensive review of right heart valve disease.

Afternoon sessions focus on mitral valve disease – both regurgitation and stenosis; and concludes with a review of the importance of QI/QA in the clinical echo lab, from the perspective of the IAC.

Our program also includes several interactive case presentation sessions moderated by our all-star faculty to underscore the real world applicability of the role of echocardiography in daily clinical practice.

After attending CVI's 10th 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 10th Annual Echocardiography Update, attendees will be better able to:

- Describe the new guidelines outlined in the 2017 ASE Recommendations for Echo Assessment of aortic stenosis severity
- Outline echocardiographic indicators of the need for surgical intervention in aortic stenosis
- Describe the new guidelines outlined in the 2017 ASE Recommendations for Echo Assessment of aortic insufficiency severity
- Outline echocardiographic indicators of the need for surgical intervention in aortic insufficiency
- Utilize the most recent clinical guidelines and updates in the echo assessment of aortic valve disease
- Implement new data in actual clinical cases of aortic valve disease
- Recognize foundation principles of echo with historical perspective
- Delineate technological advances for the future of clinical echocardiography
- Review the clinical importance of tricuspid regurgitation and its evaluation by echo
- Recognize the often "silent" clinical signs of pulmonic valve disease
- Utilize the most recent clinical guidelines and updates in the echo assessment of pulmonic and tricuspid valve disease
- Implement new data in actual clinical cases of pulmonic and tricuspid valve disease
- Describe the new guidelines outlined in the 2017 ASE Recommendations for Echo Assessment of mitral stenosis severity
- Outline echocardiographic indicators of the need for surgical intervention in mitral stenosis
- Describe current ASE Recommendations for Echo Assessment of mitral regurgitation severity
- Outline echocardiographic indicators of the need for surgical intervention in mitral regurgitation
- Utilize the most recent clinical guidelines and updates in the echo assessment of mitral valve disease
- Implement new data in actual clinical cases of mitral valve disease
- Enumerate the key factors of the IAC Echo Lab accreditation process
- Recognize the importance of accreditation in maintaining consistent high-quality standards in the echo lab

Accreditation Statement

This event has been planned and implemented in accordance with the Essential Areas and Policies of the Pennsylvania Medical Society through the joint providership of the Einstein Medical Center and Cardiovascular Institute of Philadelphia. Einstein Medical Center is accredited by the Pennsylvania Medical Society to sponsor continuing medical education for physicians.

AMA: Einstein Medical Center designates this live educational event for a maximum of 8.5 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the educational event.

AOA: This program is eligible for 8.5 credits in category 2A of the American Osteopathic Association through the Pennsylvania Osteopathic Medical Association Foundation.

SDMS: CVI's 10th Annual Echocardiography Update: Echocardiographic Assessment of Valvular Heart Disease – Getting With the Guidelines is pending approval for 8.5 credits.

MOC Credits/Points: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 7.5 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit. Awarding of MOC points requires additional attestation, post program evaluation and test questions.

Course Directors

Martin G. Keane, MD FACC
Professor of Medicine
Lewis Katz School of Medicine
Director, Echocardiography Laboratories
Director, Echocardiography Research/Quantitative Echo
Temple University Hospital

Veronica A. Covalesky, MD FACC
Clinical Assistant Professor of Medicine
Drexel University College of Medicine

Associate Course Directors

Renee P. Bullock-Palmer, MD FACC
FASNC FASE FSCCT
Clinical Associate Professor
Philadelphia Osteopathic College of Medicine
Director, Non-Invasive Cardiac Imaging
Deborah Heart and Lung Hospital Center

Michael J. Kostal, MD
Associate Professor of Clinical Medicine
Perelman School of Medicine at the
University of Pennsylvania

Keynote Faculty

Roberto M. Lang, MD FACC FASE FAHA FESC FRCP
Professor of Medicine and Radiology
The University of Chicago Medical Center
Director Cardiac Imaging Center
Heart and Vascular Center
University of Chicago Medicine

Invited Faculty

Vincent M. Figueredo, MD FACC FAHA
Professor of Medicine
Sidney Kimmel Medical College at Thomas Jefferson
University
Associate Chair, Cardiology Division
Chief, Clinical Cardiology
Einstein Medical Center Philadelphia

Linda D. Gillam, MD MPH FACC FAHA FASE FESC
Chair, Cardiovascular Medicine
Gagnon Cardiovascular Institute
Morristown Medical Center
Atlantic Health System

Beverly Gorman, RDCS
Director of Accreditation - Echocardiography
Intersocietal Accreditation Commission

Rekha Mankad, MD FACC
Assistant Professor of Medicine
Mayo Clinic College of Medicine and Science
Director, Cardio-Rheumatology Clinic
Mayo Clinic
Rochester, Minnesota

Sunil Mankad, MD
Associate Professor of Medicine
Mayo Clinic College of Medicine and Science
Director, Transesophageal Echocardiography
Mayo Clinic
Rochester, Minnesota

Sabrina Phillips, MD FACC FASE
Associate Professor of Medicine
Mayo Clinic College of Medicine and Science
Senior Associate Consultant
Division of Cardiovascular Diseases
Mayo Clinic
Jacksonville, Florida

Conflict of Interest Statement

Faculty and all others who have the ability to control the content of continuing medical education activities sponsored by Einstein Medical Center are expected to disclose to the audience whether they do or do not have any real or apparent conflict(s) of interest or other relationships related to the content of their presentation(s).

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.

The content of each presentation does not necessarily reflect the views of
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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 10th Annual Echocardiography Update:

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Sunday, January 14, 2018 • Hilton Philadelphia at Penn's Landing

8.5 CME/CEU Credits • 7.5 MOC Points

♥=ABIM-MOC Eligible Session

Introduction and Course Overview

<i>Martin Keane, MD</i>	7:30am – 7:45am
What's New at the PA ACC <i>Vincent Figueredo, MD</i>	7:45am – 8:15am
♥ Morning Pre Test <i>Martin Keane, MD</i>	8:15am – 8:30am
♥ High Gradient! Low Gradient! How Do I Evaluate Aortic Stenosis? <i>Renee Bullock-Palmer, MD</i>	8:30am – 9:15am
♥ So Many Criteria for Aortic Regurgitation – Which Do I Trust? <i>Linda Gillam, MD</i>	9:15am – 10:00am
♥ Challenging Aortic Valve Cases – Let's Ask the Experts! <i>Michael Kostal, MD</i> <i>Moderator</i> <i>Renee Bullock Palmer, MD • Linda Gillam, MD</i> <i>Panelists</i>	10:00am – 10:30am

BREAK

10:30am – 11:00am

♥ KEYNOTE PRESENTATION

Echo 2018 – Where Have We Been – Where Have We Yet to Go? <i>Roberto Lang, MD</i>	11:00am – 11:45am
♥ Forgotten Right Heart Valves – Are There Even Guidelines? <i>Sabrina Phillips, MD</i>	11:45am – 12:30pm
♥ Challenging Right Heart Valve Cases – Let's Ask the Experts! <i>Michael Kostal, MD</i> <i>Moderator</i> <i>Roberto Lang, MD • Sabrina Phillips, MD</i> <i>Panelists</i>	12:30pm – 12:45pm
♥ Morning Post Test <i>Martin Keane, MD</i>	12:45pm – 1:00pm

LUNCH

1:00pm – 1:45pm

♥ Afternoon Pre Test <i>Veronica Covalesky, MD</i>	1:45pm – 2:00pm
♥ Echo Evaluation of Mitral Stenosis – Is it Rheumatic or a MAC Attack? <i>Rekha Mankad, MD</i>	2:00pm – 2:45pm
♥ The Leaning Tower of PISA and Other Methods to Evaluate Mitral Regurgitation <i>Sunil Mankad, MD</i>	2:45pm – 3:30pm
♥ Challenging Mitral Valve Cases – Let's Ask the Experts! <i>Renee Bullock Palmer, MD</i> <i>Moderator</i> <i>Rekha Mankad, MD • Sunil Mankad, MD</i> <i>Panelists</i>	3:30pm – 4:00pm
♥ The ABCs of IAC Echo Lab Accreditation <i>Beverly Gorman, RDCS</i>	4:00pm – 4:30pm
♥ Afternoon Post Test <i>Veronica Covalesky, MD</i>	4:30pm – 4:45pm
Review and Closing <i>Veronica Covalesky, MD</i>	4:45pm – 5:00pm

To register, visit cvphiladelphia.org

Registration Form

Register online: cvphiladelphia.org

Registration Fees

Be an early bird ... sign up and pay your registration by December 11, 2017 and take \$35 off your registration fee!

- Physicians and Industry: \$410
*(\$375 early bird by 12/11/17)**
- Sonographers, Mid-Level Providers, Nurses, Fellows, Residents: \$235
*(\$200 early bird by 12/11/17)***

**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 December 29, 2017.** 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 Drawing Details

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

- Register and pay for CVI's 10th Annual Echocardiography Update by 5:00pm EST on Monday, December 11, 2017
- Submit your fully completed online program evaluation for CVI's 10th Annual Echocardiography Update by 5:00pm EST on Wednesday, February 7, 2018
- And you are entered to win...
It's as easy as that! Winner will be contacted via email.

Name _____
 Degree _____ Gender M F

For MOC Points Only

Date of Birth _____ ABIM ID# _____

Clinical Position _____
 Clinical Affiliation Name _____
 Phone _____ Fax _____
 Email Address _____
 Mailing Address _____

City _____ State _____ Zip _____
 Is this address: Work? _____ Home? _____ Other? _____

Important Notes:

You MUST register by January 5, 2018 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

Register online at cvphiladelphia.org

Course Registration Cancellation Policy:

Requests in writing for refunds less \$35 administrative fee by December 29, 2017, processed after the meeting. Registrations are transferable with prior notification to CVI by December 29, 2017.

Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	____ @ \$375 (by 12/11/17)	____ @ \$410 (after 12/11/17)	\$ _____
**ABIM MOC Points – requires additional attestation, post program evaluation and test questions	N/A	____ @ \$50	\$ _____
Sonographers, Mid-Level Providers, Nurses, Fellows, Residents	____ @ \$200 (by 12/11/17)	____ @ \$235 (after 12/11/17)	\$ _____
Hard Copy Syllabus	N/A	____ @ \$50 Must order by 12/29/17	\$ _____
Pay by Visa/MC/Amex	Add \$10 per registration	Add \$10 per registration	\$ _____
Apple iPad 2 Drawing Entry**	FREE		FREE
Grand Total			\$ _____

Visa MC Amex

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