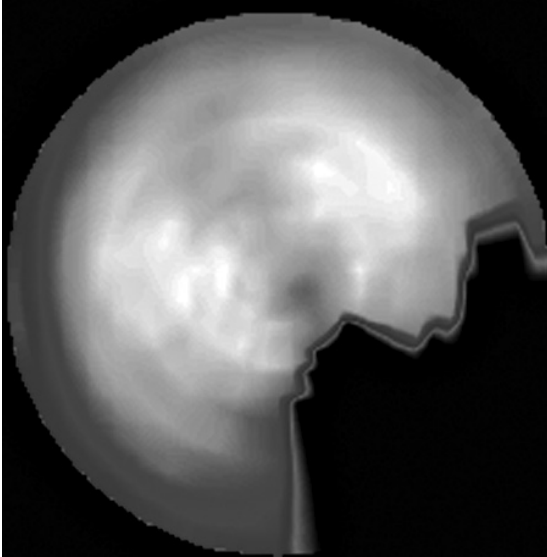


*Registration Now Open!*



# CVI's 16th Annual Update in Nuclear Cardiology CME Program

Watch Live:

**Session 1**

Sun. Oct. 4th (2.75 Credits)

**Session 2**

Mon. Oct. 5th (2.5 Credits)

**Session 3**

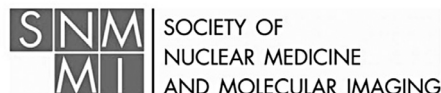
Wed. Oct. 7th (2.75 Credits)

Recorded Sessions  
for Credits Too!  
Through Nov. 14th

Register Today!  
\$35 early-bird  
discount and  
FREE Apple iPad  
drawing by  
9/30/20

- 8.0 Nuclear Specific CME/CEU Credits
- 8.0 Nuclear Specific VOICE Credits
- 7.25 ABIM Medical Knowledge MOC Points

ABIM  
CME MOC  
ACCREDITED



# Goals & Objectives

## Why you should attend:

CVI's 16th Annual Update in Nuclear Cardiology CME program is designed to further the clinical application, management and interpretation skills of physicians, nuclear technologists and mid-level providers involved in non-invasive cardiac imaging including SPECT, PET and Cardiac MR. The agenda for CVI's 16th Annual Update in Nuclear Cardiology focuses on a variety of topics in non-invasive cardiac imaging including: PET in Clinical Practice, Coronary Blood Flow in PET Labs, Imaging to Diagnose CAD in Women, Diagnosing Amyloid by Echo - by SPECT and New Therapies, Cardiac CT, Surviving Lab Inspection and Multimodality CV Imaging in the Age of COVID.

## Target Audience:

Cardiologists, radiologists, nuclear medicine physicians, nuclear technologists, fellows, residents and mid-level providers involved in nuclear medicine. The program is also appropriate for all physicians and healthcare professionals who treat patients with coronary artery disease.

## Learning Objectives:

**After attending CVI's 16th Annual Update in Nuclear Cardiology, attendees will be better able to:**

- Differentiate between coronary/myocardial flow reserve and coronary flow capacity
- Describe the difficulties in reporting PET studies with myocardial blood flow that help guide referring providers
- Summarize the value of cardiac PET in the clinical arena
- Describe which patients will benefit from a Cardiac PET study
- Discuss the role of imaging in the work-up of women with chest pain
- Explain the specific benefits of Cardiac PET in Women with known or suspected CAD
- Define the role of myocardial blood flow reserve in identifying risk in women
- Explain the role and use of cardiac CT in the acute chest pain setting
- Identify the limitations and uses of different cardiac tests for chest pain
- Recall the recent studies using cardiac CT to perform non-invasive angiography
- Develop a multimodality imaging approach to patients with suspected amyloidosis
- Incorporate technetium pyrophosphate cardiac imaging into your diagnostic workflow for amyloidosis
- Highlight the strengths and weakness of different cardiac imaging modalities for amyloidosis
- Enumerate the echocardiographic characteristics associated with HFpEF
- In patients with HFpEF, compare and contrast unique findings of Amyloid CMP with hypertensive heart disease
- Describe Cardiac Amyloidosis, including specific types, cardiac features, and disease burden
- Discuss data from recent clinical trials outlining CA treatment options and potential patients who would benefit
- Demonstrate understanding of current and emerging treatments for patients diagnosed with Cardiac Amyloidosis
- Define the roles of the radiation safety officer, authorized users, and nuclear cardiology staff, at time of inspection
- Outline the radiation safety inspector's objectives of an inspection
- Review questions and documents that will be requested at the time of inspection
- Distinguish the pros and cons of various cardiac imaging modalities during the COVID19 era to minimize risk of exposure
- Define the appropriate personal protective equipment (PPE) required to perform various cardiac imaging tests
- Recognize appropriate patients whose elective cardiac imaging tests may be deferred during a COVID-19 surge

## 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 the Einstein Medical Center and The Cardiovascular Institute of Philadelphia (CVI). Einstein Medical Center is accredited by the Pennsylvania Medical Society to provide continuing medical education for physicians.

## Credit Designation Statement

**AMA:** Einstein Medical Center designates this live educational event for a maximum of 8.0 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the educational event.

**AOA:** This program is eligible for 8.0 credits in category 2A of the American Osteopathic Association through the Pennsylvania Osteopathic Medical Association Foundation.

## MOC Statement

**Medical Knowledge MOC Credits/Points:** Successful completion of this CME activity enables the participant to earn up to 7.25 Medical Knowledge 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 points.

\*\*Awarding of MOC points requires additional attestation, post program evaluation and test questions.

## SNMMITS VOICE Accreditation Information

The SNMMI, through its Verification of Involvement in Continuing Education (VOICE) program, has approved this meeting for a maximum of 8.0 continuing education hours (CEHs). VOICE-approved credit is recognized by most licensure states and by the NMTCB and ARRT as Category A+ credit. Participants will receive CE credit for those sessions at which they were present a minimum of 80%.

Approval Number CEC09528.

## Course Directors

### **Veronica A. Covalesky, MD FACC**

Clinical Assistant Professor of Medicine  
Drexel University College of Medicine

### **Christopher L. Hansen, MD FACC FASNC**

Professor of Medicine and Radiology  
Sidney Kimmel Medical College of Thomas Jefferson University

### **Pravin V. Patil, MD FACC**

Assistant Professor of Medicine  
Lewis Katz School of Medicine at Temple University

## Associate Director

### **Colin M. Movsowitz, MD FACC**

Director of Cardiac Electrophysiology  
Einstein Medical Center Montgomery

## Keynote Presenter

### **Matthew J. Budoff, MD FACC FAHA**

Professor of Medicine  
UCLA School of Medicine  
Endowed Chair of Preventive Cardiology  
Director of Cardiac CT  
Harbor-UCLA Medical Center

## Faculty

### **Robert M. Bober MD FACC**

Senior Lecturer  
The Ochsner Clinical School, University of Queensland  
Director of Cardiac Molecular Imaging  
John Ochsner Heart and Vascular Institute

### **Renee Bullock Palmer, MD FACC FASNC FASE FSCCT**

Clinical Associate Professor, Division of Cardiology  
Philadelphia Osteopathic College of Medicine  
Director, Women's Heart Center  
Director, Non-Invasive Cardiac Imaging  
Deborah Heart and Lung Center

### **Rodney H. Falk**

Associate Professor  
Harvard Medical School  
Director, Cardiac Amyloidosis Program  
Brigham & Women's Hospital

### **Gary V. Heller, MD PhD FACC**

Research Associate  
Harvard Medical School

### **Martin G. Keane, MD FACC FAHA FASE**

Professor of Medicine  
Lewis Katz School of Medicine  
Associate Chief, Cardiovascular Medicine  
Director, Echocardiography Laboratories  
Temple Heart and Vascular Institute

### **Michael W. Lairmore, MS MBA RSO**

Associate Professor  
Molloy College, Rockville Center, New York  
Medical Physics Consultant  
Michael W. Lairmore Associates

### **Leslee J. Shaw, PhD MASN FACC FAHA FSCCT**

Professor of Radiology and Medicine  
Weill Cornell Medicine, New York

## Case Presenters

### **Raymond Hu, MD MTR**

Cardiology Fellow  
Hospital of the University of Pennsylvania

### **Jeevan Kumar, MD**

Cardiology Fellow  
Temple Heart and Vascular Institute

### **Barbara Schechter, DO**

Cardiology Fellow  
Deborah Heart and Lung Center

### **Preya Simlote, MD**

Cardiology Fellow  
Thomas Jefferson University Hospital

### **Yash Suthar, DO**

Cardiology Fellow  
Rowan University School of Osteopathic Medicine

## Conflict of Interest Statement

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

## Acknowledgement

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

# Live Webinar Agenda

CVI's 16th Annual Update in Nuclear Cardiology  
8.0 CME/CEU/VOICE Credits  
7.25 ABIM Medical Knowledge MOC Points

## Session 1 – Sunday, October 4, 2020 (2.75 Credits)

<b>Introduction and Overview</b>	
Veronica Covalesky, MD	8:00am–8:15am
♥ <b>Fellow Case Presentation: Coronary Blood Flow</b>	
Ray Hu, MD	8:15am–8:30am
♥ <b>Is Coronary Blood Flow Ready For Prime Time in PET Lab</b>	
Robert Bober, MD	8:30am–9:15pm
♥ <b>Is the Time Right to Integrate PET into Clinical Practice?</b>	
Gary Heller, MD	9:15am–9:45am
♥ <b>Fellow Case Presentation: Diagnosing CAD in Women</b>	
Preya Simlote, MD	9:45am–10:00am
♥ <b>In The 21st Century – What is the Best Technology to Diagnose CAD in Women</b>	
Leslee Shaw, PhD	10:00am–10:30am
♥ <b>Q/A &amp; Discussion</b>	
Panel	10:30am–10:45am

## Session 2 – Monday, October 5, 2020 (2.5 Credits)

<b>Introduction and Overview</b>	
Pravin Patil, MD	6:30pm–6:45pm
♥ <b>Fellow Case Presentation: Cardiac Amyloid Disease</b>	
Yash Suthar, DO	6:45pm–7:00pm
♥ <b>Cardiac Amyloid Imaging: Radiotracers and Beyond</b>	
Pravin Patil, MD	7:00pm–7:30pm
♥ <b>Echocardiographic Evaluation of The HFpEF Patient</b>	
Martin Keane, MD	7:30pm–8:00pm
♥ <b>Cardiac Amyloidosis: New Treatments, New Hope</b>	
Rodney Falk, MD	8:00pm–8:45pm
♥ <b>Q/A &amp; Discussion</b>	
Panel	8:45pm–9:00pm

## Session 3 – Wednesday, October 7, 2020 (2.75 credits)

<b>Introduction and Overview</b>	
Christopher Hansen, MD	6:30pm–6:45pm
♥ <b>Fellow Case Presentation: Cardiac CT</b>	
Jeevan Kumar, MD	6:45pm–7:00pm
♥ <b>Cardiac CT in Clinical Practice</b>	
Matthew Budoff, MD	7:00pm–7:45pm
♥ <b>What to Expect and How to Survive an Inspection</b>	
Michael Lairmore, MS RSO	7:45pm–8:15pm
♥ <b>Fellow Case Presentation: CV Imaging</b>	
Barbara Schechter, DO	8:15pm–8:30pm
♥ <b>The Value of Multimodality Cardiovascular Imaging In the Midst of the COVID-19 Pandemic</b>	
Renee Bullock Palmer, MD	8:30pm–9:00pm
♥ <b>Q/A &amp; Discussion</b>	
Panel	9:00pm–9:15pm

**Recorded Sessions for Credits thru 11/14/20**

# CVI is taking our accredited CME/CEU/SDMS/VOICE programs online — and we invite you to join us!

Until there is wide distribution of a safe and effective vaccine for COVID-19, CVI's catalogue of accredited programs will be offered virtually, online.

To make our accredited programs more user friendly, agendas are broken up into several shorter segments (2.25–3.0 credits per session.)

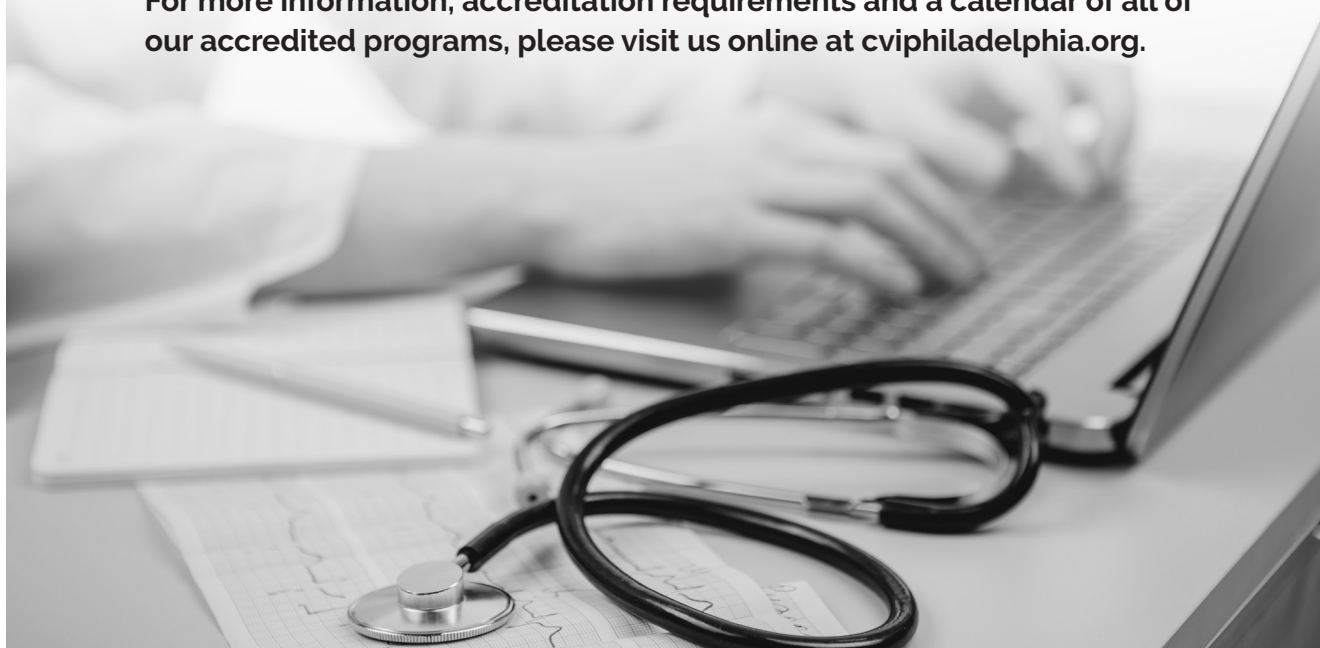
## There are 2 easy ways to earn your credits:

- Watch programs *live* with hundreds of other health professionals
- Or watch the recorded proceedings on demand, at your convenience, for 45 days after the program (until 11/14/20 for CVI Nuclear 2020)
- All presentations have start and end codes which need to be included on program evaluation to claim credits
- If watching recorded proceedings, an *additional* quiz is also required
- Either format — you *must* register to receive a unique link to view the program

## CVI's Online CME/CEU/SDMS/VOICE/MOC Programs offer you:

- Relevant, timely, interesting topics
- Nationally recognized thought leader faculties
- Registration fees discounted from in-person programs
- Early-bird discounts for those registering by 9/30/20
- And our FREE Apple iPad drawing!

**For more information, accreditation requirements and a calendar of all of our accredited programs, please visit us online at [cviphiladelphia.org](http://cviphiladelphia.org).**



**Look for these  
upcoming accredited  
CVI CME/CEU/SDMS/  
VOICE/MOC  
programs**

**CVI's 16th Annual Update in Nuclear Cardiology**

October 4, 5, 7

**CVI's 27th Annual Cardiology Update**

October 25, 26, 28

**CVI/DHLC's 7th Annual Imaging in Female Patients**

December 5, 7, 9

**CVI's 13th Annual Echocardiography Update**

January, 2021

**CVI's 10th Annual EP/Arrhythmia Update**

February, 2021

**CVI's 5th Annual Fellows Program in Interventional Cardiology\***

Spring, 2021

**CVI's 17th Annual Update in Nuclear Cardiology**

Spring, 2021

Visit us online at our **NEW** website – [cvphiladelphia.org](http://cvphiladelphia.org)



\*Not accredited

# Registration Form

## Registration Fees

Be an early bird ... sign up and pay your registration by Wed. Sept. 30th and **SAVE \$35 off your registration fee!**

- Physicians and Industry: **\$164** by 9/30/20; **\$199** after 9/30/20\*
- Technologist, Mid-Level Provider, Nurses, Fellows, Residents: **\$75** by 9/30/20; **\$110** after 9/30/20\*

\*Prices above reflect discount of \$6 for payment by cash or check. Please add \$6 for a Visa/MC/AMEX payment

## LIVE Zoom CME Webinars

### Session 1

Sunday, 10/4/20  
8:00am - 10:45am

### Session 2

Monday 10/5/20  
6:30pm - 9:00pm

### Session 3

Wednesday 10/7/20  
6:30pm - 9:15pm

## Recorded Sessions for Credits

Through 11/14/20

- 8.0 Nuclear Specific CME/CEU Credits
- 8.0 Nuclear Specific VOICE Credits
- 7.25 ABIM Medical Knowledge MOC Points for Physicians who certify through ABIM

Name \_\_\_\_\_  
 Degree \_\_\_\_\_ Gender  M  F

Email address to which unique program link should be sent \_\_\_\_\_

For MOC Points Only  
 Date of Birth \_\_\_\_\_ ABIM ID# \_\_\_\_\_

Clinical Position \_\_\_\_\_  
 Clinical Affiliation Name \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Is this address work? \_\_\_\_\_ Home? \_\_\_\_\_ Other? \_\_\_\_\_

### Important Notes:

**You MUST register in advance to attend the sessions. Register online at [cviphiladelphia.org](http://cviphiladelphia.org)**

Please make checks payable to:  
**Cardiovascular Institute of Philadelphia**  
**P.O. Box 56598 • Philadelphia, PA 19111**  
**Phone: 215-389-2300 • Fax: 215-389-5450**

### Course Registration Cancellation Policy:

Requests in writing for refunds, less \$35 administrative fee, by September 30, 2020 processed after the meeting. Registrations are transferable with prior notification to CVI by September 30, 2020.

Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	____ \$164 (by 9/30/20)	____ \$199 (after 9/30/20)	\$ _____
ABIM MOC Points – requires additional attestation, post program evaluation and test questions	N/A	____ @ \$50	\$ _____
Technologists, Mid-Level Providers, Nurses, Fellows, Residents	____ @ \$75 (by 9/30/20)	____ @ \$110 (after 9/30/20)	\$ _____
Pay by Visa/MC/Amex	Add \$6 per registration	Add \$6 per registration	\$ _____
Apple iPad Drawing Entry	FREE		FREE
<b>GRAND TOTAL</b>			\$ _____

Visa  MC  Amex

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_ / \_\_\_\_\_

Name as appears on card \_\_\_\_\_

Billing address of card \_\_\_\_\_

Signature \_\_\_\_\_

## FREE Apple iPad Drawing

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

- Register and pay for CVI's 16th Annual Update in Nuclear Cardiology by 5:00pm on Wednesday, September 30, 2020
- Submit your fully completed online program evaluation for CVI's 16th Annual Update in Nuclear Cardiology by 5:00pm on Friday, October 23, 2020.
- And you are entered to win... **It's as easy as that!** Winner will be contacted via email.