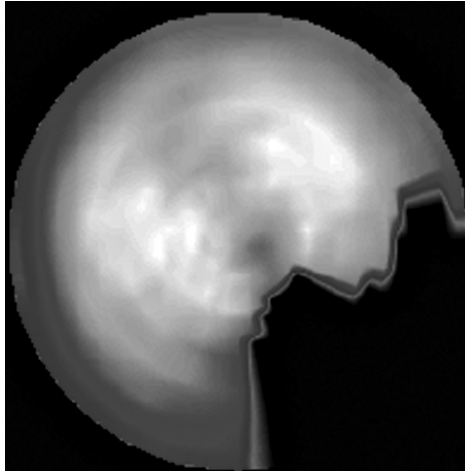


Registration Now Open!



CVI's 18th Annual Update in Nuclear Cardiology/PET CME/CEU/VOICE Program

Virtual Program*

Session 1

Sun. March 27, 2022 (3.25 Credits)

Session 2

Mon. March 28, 2022 (2.75 Credits)

Session 3

Wed. March 30, 2022 (2.25 Credits)

On-Demand Recorded
Sessions for Credits Too!

Through May 15, 2022

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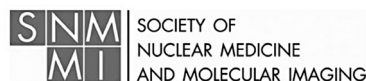
- 8.25 Nuclear/PET Specific CME/CEU Credits
- 8.25 Nuclear/PET Specific SNMMI VOICE Credits
- 7.5 ABIM Medical Knowledge MOC Points



Keynote Presentation: State of Nuclear Cardiology in a Multi-Modality World: Assessment of Ischemic Heart Disease

Marcelo F. Di Carli, MD

Executive Director, Cardiovascular Imaging,
Chief, Division of Nuclear Medicine and Molecular Imaging,
Brigham and Women's Hospital
Seltzer Family Professor of Radiology and Medicine, Harvard Medical School



*This program will be presented virtually as the COVID-19 virus continues to have an increased impact in our community.

Goals & Objectives

Why you should attend:

CVI's 18th Annual Update in Nuclear Cardiology/PET is designed to further the clinical application, management and interpretation skills of physicians, nuclear technologists and Advanced Practice Professionals involved in non-invasive cardiac imaging including SPECT, PET, CT and Cardiac MR. Our agenda focuses on a variety of important topics in non-invasive cardiac imaging including: Keynote Presentation on State of Nuclear Cardiology in a Multi-Modality World: Assessment of Ischemic Heart Disease; CZT SPECT imaging; Assessment of Myocardial Blood Flow with Cardiac PET; Addressing Incidental Findings on MPI Hybrid Systems; and Gated SPECT Imaging Acquisition.

CVI Nuclear/PET also features several in-depth sections focusing on the Role of Calcium Scoring & Adjunctive Coronary Calcium Scoring; Managing Sarcoidosis, including Patient Preparation, Imaging & Clinical Aspects; and Diagnosis & Management of Amyloidosis: A Practical Case-Based Overview; Role of PYP Imaging & Starting a Successful Program.

Our agenda also offers up to 7.5 MOC Knowledge Points from the ABIM.** Awarding of MOC points requires additional minimal fee, attestation, post program evaluation and test questions.

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 viewing CVI's 18th Annual Update in Nuclear Cardiology/PET, attendees will be better able to:

- Discuss the advantages of solid-state imaging over Anger SPECT imaging
- Discuss unique considerations related to imaging protocol, artifacts and interpretation of CZT SPECT imaging
- Recognize the potential for blood flow quantification with CZT SPECT imaging
- Recognize pitfalls of gated SPECT acquisition that lead to artifacts
- Reconcile inconsistent EF results between Gated SPECT and other modalities used for EF acquisition
- Formulate a consistent approach to Gated SPECT interpretation including recognition of potential artifacts
- Recognize the limitations of Planar 99mTc PYP imaging
- Integrate SPECT acquisition with Planar 99mTc PYP imaging
- Incorporate novel strategies in SPECT PYP imaging to improve test accuracy
- Recognize the prevalence of amyloid heart disease
- Decide when to suspect cardiac amyloidosis and refer for further testing
- Review current imaging techniques and briefly discuss upcoming imaging practices for amyloid heart disease
- Characterize the components of a successful multidisciplinary amyloidosis program
- Differentiate the common types of cardiac amyloidosis and the structure of the program based on those types
- Describe the role of integrating clinical trials into a successful amyloidosis program
- Describe the changing epidemiology of CAD and its implications for the role of myocardial perfusion imaging
- Review the relevance of integrating atherosclerosis and quantitative perfusion imaging in diagnosis and risk stratification of CAD
- Review the emerging role of myocardial blood flow reserve for diagnosis and management of CAD
- Select appropriate patients for calcium scoring
- Utilize calcium scoring results in patient management discussions
- Recognize particular calcium score results which warrant additional imaging studies
- Recognize the value of coronary calcium scoring beyond a screening population tool
- Integrate anatomic coronary data with functional perfusion data
- Enhance risk stratification of symptomatic patients undergoing myocardial perfusion imaging
- Recognize how low-resolution CT scans are acquired and utilized in PET CT Cardiac Imaging
- Recognize common normal and abnormal findings seen on transmission CT scan on PET CT Cardiac Imaging
- Interpret CT scans to provide useful guidance for referring physicians
- Identify role of myocardial blood flow/myocardial flow reserve in the assessment of patients with suspected CAD
- Identify the characteristics of high risk patients based on flow data
- Recognize the added diagnostic value of myocardial blood flow in the assessment of patients with chest pain
- Identify the role of multimodality imaging in the diagnosis of cardiac sarcoidosis
- Recognize how cardiac PET can be used to follow response to immunosuppressive therapy
- Explain how CV imaging can be used in risk assessment and patient management considerations
- Recognize the entity of isolated cardiac sarcoidosis
- Identify clinical scenarios where cardiac sarcoidosis should be considered
- Utilize various imaging modalities to increase the likelihood of making cardiac sarcoidosis diagnosis
- Describe the PET acquisition protocol for the diagnosis and management of cardiac sarcoidosis
- Explain the use of qualitative and quantitative approaches to the interpretation of FDG uptake in suspected/known cardiac sarcoidosis
- Define the strengths and limitations of current PET approaches for identifying cardiac sarcoidosis

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

Credit Designation Statement

AMA: Einstein Healthcare Network designates this live educational event for a maximum of 8.25 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 8.25 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 SNMMIT, through its Verification of Involvement in Continuing Education (VOICE) program, has approved this meeting for a maximum of 8.25 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%.

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Case Presenters

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Cardiology Fellow
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Kathleen Pressoir, DO

Cardiology Fellow
Deborah Heart & Lung Center

Natasha Vedage, MD

Cardiology Fellow
Temple University Hospital

Kathleen Young, MD

Cardiology Fellow
Mayo Clinic

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 18th Annual Update in Nuclear Cardiology/PET Update
8.25 Nuclear Specific CME/CEU/VOICE Credits for All
7.5 MOC Knowledge Points for physicians who certify through ABIM

Session 1 – Sunday March 27, 2022 (3.25 CME/CEU/VOICE Credits)

Introduction and Overview

Veronica Covalesky, MD 7:45am–8:00am

♥ CZT SPECT Imaging- Applications, Artifacts and Other Unique Considerations

Prem Soman, MD 8:00am–8:30am

♥ Gated SPECT Imaging Acquisition

Javier Gomez Valencia, MD 8:30am–9:00pm

♥ Fellow Case Presentation: PYP Imaging

Rachel Debenham, DO 9:00am–9:15am

♥ Caution! Cardiac 99mTc-PYP Scintigraphy Increasingly Adopted But is Planar Imaging Sufficient

Renee Bullock Palmer, MD 9:15am–9:45am

♥ Amyloid Disease: A Case Based Discussion

Vasvi Singh, MD 9:45am–10:15am

♥ Important Building Blocks of Starting a Successful Cardiac Amyloidosis Program

Ahmad Masri, MD 10:15am–10:45am

♥ Panel Discussion: Amyloid Disease

Panel 10:45am–11:00am

Session 2 – Monday March 28, 2022 (2.75 CME/CEU/VOICE Credits)

Introduction and Overview

Renee Bullock-Palmer, MD 6:30pm–6:45pm

♥ KEYNOTE PRESENTATION - State of Nuclear Cardiology in a Multi Modality World: Assessment of Ischemic Heart Disease

Marcello DiCarli, MD 6:45pm–7:30pm

♥ Fellow Case Presentation: Calcium Scoring

Kathleen Pressoir, DO 7:30pm–7:45pm

♥ Beyond the Power Zero: Integrating Calcium Scoring Into Clinical Practice

Khurram Nasir, MD 7:45pm–8:15pm

♥ How to Utilize Adjunctive Calcium Scoring

Pravin Patil, MD 8:15pm–8:45pm

♥ Addressing Incidental Findings on MPI Hybrid Systems

Timothy Bateman, MD 8:45pm–9:15pm

Session 3 – Wednesday March 30, 2022 (2.25 CME/CEU/VOICE Credits)

Introduction and Overview

Pravin Patil, MD 6:30pm–6:45pm

♥ Fellow Case Presentation: Patient With Suspected Coronary Microvascular Dysfunction

Kathleen Young, MD 6:45pm–7:00pm

♥ Assessment of Myocardial Blood Flow with Cardiac PET

Mouaz Al-Mallah, MD 7:00pm–7:30pm

♥ Sarcoidosis: Preparing the Patient

Ron Blankstein, MD 7:30pm–7:45pm

♥ Sarcoidosis: Clinical Aspects

Joshua Cooper, MD 7:45pm–8:00pm

♥ Sarcoidosis: Imaging Aspects

Panithaya Chareonthaitawee, MD 8:00pm–8:15pm

♥ Fellow Case Presentation: Sarcoidosis

Natasha Vedage, MD 8:15pm–8:30pm

♥ Panel Discussion: Sarcoidosis

Panel 8:30pm–8:45pm

View Recorded Sessions On-Demand for Credits through May 15, 2022

At CVI, our highest priority is ensuring the safety of attendees, faculty, industry partners, vendors, volunteers and CVI staff.

Like most people, we were hopeful that Covid would be under enough control for us to return to CVI's traditional in-person program format in early 2022 with CVI's 14th Annual Echo Update in January. CVI's 2022 EP/Arrhythmia Update was to also be presented in that format.

We expected most certainly that CVI Nuclear/PET would be in person as well.

As the Omicron variant spread rapidly throughout the mid-Atlantic region, across America and around the globe, it became clear that it would be unsafe and irresponsible to organize the large group meetings which CVI is known for.

Our CVI accredited continuing education programs have been quite successful in a virtual format, attracting some of our largest audiences to date. Although the virtual format does not allow for the significant networking opportunities and delicious meal selections which are a hallmark of our CVI programs, we feel that for the time being, it makes the most sense to continue in this way.

Our hope is to come back together in-person by later Spring, 2022, but we will rely on the science and current CDC guidance as to how best we assemble a large group, in-person, with the utmost safety for our program faculty, industry partner vendors, CVI staff – and you our valued program attendees.

There will continue to be 2 easy ways for you 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 5/15/22 for CVI Nuclear/PET 2022)
- 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 3/9/22
- CVI's FREE Apple iPad drawing!
- **And CVI's Virtual Exhibit Booths, offering a FREE Drawing of up to \$250 in VISA Gift Cards each session – just for visiting our virtual industry partner exhibit booths!**

For more information, accreditation requirements and a calendar of all CVI cardiovascular education programs, please visit us online at cvphiladelphia.org



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

Please Note:

We are committed to ensuring the safety of our program attendees, faculty, exhibitors and staff. For the rest of our CVI Winter/Spring CME Programs, we will plan so that we are able to easily transition from in-person to virtual formats as needed based on how current and projected Covid conditions appear in the mid-Atlantic region and across America.

Visit us online at cvphiladelphia.org for pertinent program updates.

CVI's 11th Annual EP/Arrhythmia Management Update

Sunday, February 27, 2022 (AM Session)
Monday, February 28, 2022 (PM Session)
Wednesday, March 2, 2022 (PM Session)

CVI's 18th Annual Update in Nuclear Cardiology

Sunday, March 27, 2022 (AM Session)
Monday, March 28, 2022 (PM Session)
Wednesday, March 30, 2022 (PM Session)

**NEW
Program!**

CVI's Inaugural Philadelphia Heart Failure Symposium

Late Spring 2022
More info coming soon!

CVI/Deborah's 2nd Annual Adult Congenital Heart Disease Program

Summer 2022
More info coming soon!

CVI's 6th Annual Cardiology Fellows Program

Summer 2022
More info coming soon!

CVI's 29th Annual Cardiology Update

October, 2022
More info coming soon!



Registration Form

Registration Fees

Be an early bird ... sign up and pay your registration by Tues. 3/9/22 and **SAVE \$35 off your registration fee!**

- Physicians and Industry: **\$164** by 3/9/22; **\$199** after 3/9/22*
- Technologist, Mid-Level Provider, Nurses, Fellows, Residents: **\$75** by 3/9/22; **\$110** after 3/9/22*

*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, 3/27/22
7:45am - 11:00am

Session 2

Monday 3/28/22
6:30pm - 9:15pm

Session 3

Wednesday 3/30/22
6:30pm - 8:45pm

Recorded Sessions for Credits

Through 5/15/22

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

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Important Notes:

You MUST register in advance to attend the sessions. Register online at cviphiladelphia.org

Please make checks payable to:
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Course Registration Cancellation Policy:

Requests in writing for refunds, less \$35 administrative fee, by March 21, 2022 processed after the meeting. Registrations are transferable with prior notification to CVI by March 21, 2022.

Order	Early Bird Discount	Regular Price	Total
Physicians & Industry Registration	____ \$164 (by 3/9/22)	____ \$199 (after 3/9/22)	\$ _____
ABIM MOC Points – requires additional attestation, post program evaluation and test questions	N/A	____ @ \$50	\$ _____
Technologists, Mid-Level Providers, Nurses, Fellows, Residents	____ @ \$75 (by 3/9/22)	____ @ \$110 (after 3/9/22)	\$ _____
Pay by Visa/MC/Amex	Add \$6 per registration	Add \$6 per registration	\$ _____
Apple iPad Drawing Entry	FREE		FREE
GRAND TOTAL			\$ _____

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

- Register and pay for CVI's 18th Annual Update in Nuclear Cardiology by 5:00pm on Tuesday, March 9, 2022
- Submit your fully completed online program evaluation for CVI's 18th Annual Update in Nuclear Cardiology by 5:00pm on Wednesday, April 20, 2022.
- And you are entered to win... **It's as easy as that!** Winner will be contacted via email.