

# CVI's Beyond the Spectrum: Innovations in Nuclear and Advanced Imaging

Sunday, April 14 (am)  
Monday, April 15 (pm)  
Wednesday, April 17 (pm)

On-Demand Viewing for Credits Available through 6/1/24

Virtual  
CME Program  
LIVE Via  
ZOOM



**KEYNOTE: Charting the Course: Navigating the Future of Nuclear Cardiology**

**Mouaz Al-Mallah, MD**  
Beverly B. and Daniel C. Arnold Distinguished Chair  
Professor of Cardiology,  
Houston Methodist Academic Institute  
Professor of Medicine, Weill Cornell Medicine  
Director, Cardiovascular PET  
Houston Methodist DeBaKey Heart and Vascular Center



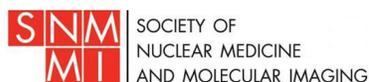
**KEYNOTE: Insights from the Century Trial – A Pioneering Exploration into Randomized Lifestyle Modifications for Stable Coronary Artery Disease Management**

**Nils Johnson, MD**  
Professor of Medicine  
McGovern Medical School at The University of Texas

Attendees can earn up to: **8.0** CME/CEU/VOICE Credits



**7.25** ABIM Medical Knowledge Points for Physicians seeking Board Certification



# Program Overview

## Program Description

CVI's Beyond the Spectrum: Innovations in Nuclear and Advanced Imaging is designed to further the clinical application, management and interpretation skills of physicians, nuclear technologists and Advanced Practice Tailored for healthcare professionals seeking to deepen their expertise, this program explores critical facets such as practical calcium scoring, artifact recognition, and advancements in imaging modalities like CZT camera attenuation correction. Addressing the nuances of CTA imaging and exploring the clinical applications of Cardiac MRI, participants will gain an understanding of cardiovascular imaging. The program also offers unique insights from the Century Trial, exploring randomized lifestyle modifications for stable coronary artery disease management. With expert-led sessions including a PET-CT case review, this program promises an engaging and enlightening experience, catering to physicians, technologists, sonographers, physician assistants, nurse practitioners, nurses, medical assistants, and trainees.

## Topics

- Cardiac CT Angiography (CTA)
- Modalities used to evaluate cardiac viability
- Lifestyle Modification for Management of Stable Coronary Artery Disease
- Use of PET-CT
- Calcium Scoring:
- Artifact Recognition
- Cardiac MRI

## Learning Objectives

Upon completion of this activity, participants should be able to:

- Apply comprehensive insights into Practical Calcium Scoring, including the critical considerations of timing, patient selection, indications, and potential pitfalls.
- Develop proficiency in artifact recognition and clarity enhancement techniques through CZT camera attenuation correction, enhancing the accuracy of cardiovascular imaging.
- Recognize situations requiring further analysis in the context of CTA imaging, fostering a nuanced interpretation of computed tomography angiography results.
- Explore the clinical indications and applications of Cardiac MRI, equipping participants with a thorough understanding of its role in diverse clinical scenarios.
- Foster a holistic approach to cardiovascular imaging, ensuring participants can effectively leverage various modalities for diagnostic purposes in the field of cardiology.

## Intended Audience

We invite all healthcare professionals interested in nuclear cardiology and advancing imaging modalities to participate in this program. This includes but is not limited to physicians, technologists, sonographers, physician assistants, nurse practitioners, nurses, medical assistants, and trainees.

## 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 Event for a maximum of 8.0 AMA PRA Category 1 Credits™. Attendees should claim only the credit commensurate with the extent of their participation in the activity. *Please Note: Physicians accrediting through AOA will receive an AMA certificate of attendance, which can be submitted to the AOA for a maximum of 8.0 credits in Category 2A. Advanced Practice Providers, Nurses, and other healthcare professionals will receive an AMA certificate of attendance for up to 8.0 credit hours, to be submitted to their respective accreditation bodies.*

**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%.

## MOC Statement

MOC Statement MOC Medical Knowledge Credits/Points: Successful completion of this CME activity enables the participant to earn up to 7.25 MOC points in the American Board of Internal Medicine (ABIM) Maintenance of Certification (MOC) program.

# Faculty

## Course Directors

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

Clinical Instructor of Medicine  
Thomas Jefferson University

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

Professor of Medicine  
Director, Cardiovascular Disease Fellowship  
Temple University

### **Renee P. Bullock-Palmer, MD, FACC, FASNC, FASE, FSCCT**

Clinical Associate Professor of Medicine  
Department of Medicine, Division of Cardiology  
Thomas Jefferson University  
Director, Non-Invasive Cardiac Imaging  
Director, Women's Heart Center  
Co-Director, Adult Congenital Heart Disease Program  
Deborah Heart and Lung Hospital Center

## Keynote Faculty

### **Mouaz H. Al-Mallah, MD, MSc**

Beverly B. and Daniel C. Arnold Distinguished Chair  
Professor of Cardiology, Houston Methodist Academic Institute  
Professor of Medicine, Weill Cornell Medicine  
Director, Cardiovascular PET  
Houston Methodist DeBakey Heart and Vascular Center

### **Nils P. Johnson, MD, MS**

Professor of Medicine  
McGovern Medical School at The University of Texas

## Guest Faculty

### **Lee P. Adler, MD**

Founder and Medical Director  
Adler Institute for Advanced Imaging, LLC

### **Robert M. Bober, MD**

Director of Molecular Imaging and Cardiology  
Ochsner Health  
John Ochsner Heart and Vascular Institute

### **Dean Karalis, MD, FACC, FAHA, FNLA**

Clinical Professor of Medicine  
Thomas Jefferson University

### **Joan Lacomis, MD, FACR, FNASCI**

Professor of Radiology  
Cardiothoracic Imaging Division, Department of Radiology  
Director Cardiac Imaging and Fellowship Director Cardiothoracic Imaging, Department of Radiology  
University of Pittsburgh School of Medicine

### **Neerav Sheth, MD, MBA, RPVI, FACC, FSCAI, FSCCT, FASNC**

Interventional Cardiologist & Multimodality Imager  
Cardiology Consultants of Philadelphia  
Director, Cardiac CT Program  
Paoli Hospital

### **Prem Soman, MD, PhD, FACC, FRCP**

Professor of Medicine  
Richard S. Caligiuri Endowed Chair in Amyloidosis and Heart Failure  
Associate Chief of Cardiology (Faculty Development)  
Director, Cardiac Amyloidosis Center  
Director, Nuclear Cardiology and Cardiac Imaging Fellowship  
University of Pittsburgh School of Medicine

## Fellow Case Presenter

### **Keith A. Brown Jr., DO, MBA**

Jefferson Health NJ/Virtua Health

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## 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.

# Program Agenda

## CVI's Beyond the Spectrum: Innovations in Nuclear and Advanced Imaging Virtual CME Program – LIVE Via ZOOM

### SUNDAY, APRIL 14

**Introduction/Opening** ..... 7:30 – 7:45 am  
Veronica Covalesky, MD

**Keynote: Charting the Course: Navigating the Future  
of Nuclear Cardiology** ..... 7:45 – 8:30 am  
Mouaz Al-Mallah, MD

**Cardiac CTA: It's Not Just About the Coronaries**  
Joan Lacomis, MD..... 8:30 – 9:00 am

**Case Presentation: Cardiac Viability** ..... 9:00 – 9:15 am  
Lee Adler, MD

**Cardiac Viability: Overview of Available Technology**  
Renee Bullock-Palmer, MD..... 9:15 – 9:45 am

**Panel Discussion** ..... 9:45 – 10:00 am

**Review/Closing** ..... 10:00 – 10:15 am

### MONDAY, APRIL 15

**Introduction/Opening** ..... 6:15 – 6:30 pm  
Veronica Covalesky, MD

**Keynote: Insights from the Century Trial – A Pioneering  
Exploration into Randomized Lifestyle Modifications for  
Stable Coronary Artery Disease Management**  
Nils Johnson, MD..... 6:30 – 7:15 pm

**Read with the Experts: PET-CT Case Review**  
Robert Bober, MD & Veronica Covalesky, MD..... 7:15 – 8:15 pm

**Review/Closing** ..... 8:15 – 8:30 pm

### WEDNESDAY, APRIL 17

**Introduction/Opening** ..... 6:15 – 6:30 pm  
Renee Bullock-Palmer, MD

**Fellow Case Introduction**  
Keith Brown, DO..... 6:30 – 6:45 pm

**Practical Calcium Scoring: Timing, Patient Selection,  
Indications, and Pitfalls**  
Dean Karalis, MD ..... 6:45 – 7:15 pm

**Artifact Recognition and Clarity Enhancement  
through CZT Camera Attenuation Correction**  
Prem Soman, MD ..... 7:15 – 7:45 pm

**When is Further Analysis Required for CTA Imaging?**  
Neerav Sheth, MD..... 7:45 – 8:15 pm

**Cardiac MRI: Clinical Indications and Applications**  
Pravin Patil, MD ..... 8:15 – 8:45 pm

**Panel Discussion** ..... 8:45 – 9:00 pm

**Review/Closing**  
Pravin Patil, MD ..... 9:00 – 9:15 pm

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## Registration Form

Qty.	Type	Fee	Total
	Physicians & Industry	\$450	
	Physician with MOC Points	\$500	
	Technologists, Mid-Level Providers, Nurses, Fellows, Residents	\$210	
GRAND TOTAL			

Name \_\_\_\_\_

Degree \_\_\_\_\_

Email address: \_\_\_\_\_

Clinical Position \_\_\_\_\_

Clinical Affiliation Name \_\_\_\_\_

Phone \_\_\_\_\_

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 [cvphiladelphia.org](http://cvphiladelphia.org).**

Please make checks payable to:

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