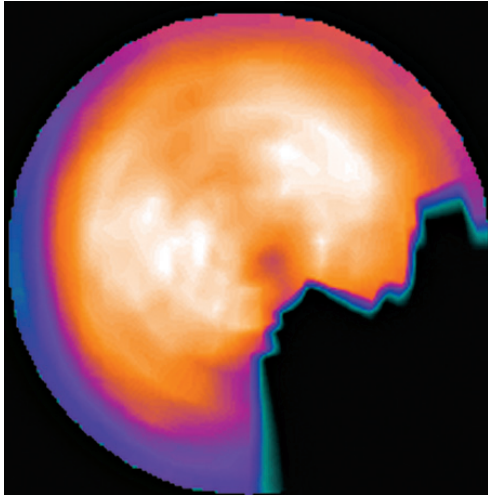


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CVI's 19th Annual Update in Nuclear Cardiology/PET CME/CEU/VOICE Program

Sunday, March 26, 2023

Loews Philadelphia Hotel
1200 Market Street • Philadelphia, PA

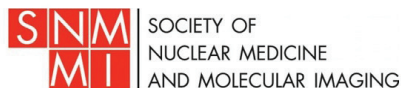


Keynote Presentation: Coronary Flow Reserve and Coronary Capacity

Nils P. Johnson, MD MS
Professor of Medicine
McGovern Medical School at The University of Texas

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



Goals & Objectives

Why you should attend:

CVI's 19th Annual Update in Nuclear Cardiology/PET/PET CT is the longest running program of its kind in the Greater Philadelphia Region. CVI Nuclear 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 including a Keynote Presentation by Dr Nils Johnson on Coronary Flow Reserve and Coronary Capacity. Additional focus topics include: Novel Amyloid Binding PET Tracers; CT Calcium Scoring; Attenuation Correction on CTs and Calcium Scoring; Myocardial Flow Reserve: Acquisition, Interpretation and Reporting; Retiring SPECT Imaging; Benefits of and AUC for Cardiac PET; Innovations in Diagnosing TTR Cardiac Amyloidosis; Appropriate Imaging Strategies in Evaluation Chest Pain; and Novel Hardware, Software and Applications for SPECT MPI.

In addition, several of our focus sessions will be introduced by Cardiology Fellow Case Presentations.

Target Audience:

Cardiologists, Radiologists, Nuclear Medicine Physicians, Nuclear Technologists, Advanced Practice Providers, Exercise Physiologists, Nurses and others who participate in the care of patients with coronary artery disease.

Learning Objectives:

After attending CVI's 19th Annual Update in Nuclear Cardiology/PET/PET CT, attendees will be better able to:

- List novel amyloid binding PET tracers
- Identify imaging patterns of amyloid in the heart and systemic organs
- Describe the advantages of amyloid binding PET tracers over Tc-99m-pyrophosphate SPECT imaging
- Describe the utility of coronary artery calcium for screening patients with suspected coronary artery disease
- Utilize coronary calcium scans in clinical practice
- Discuss the guidelines and appropriate uses of coronary calcium scoring
- Explain anatomical coverage for attenuation correction CT and calcium score CT
- Describe anatomy in the scan range for attenuation correction CT and calcium score CT
- Identify clinically relevant incidental findings on attenuation correction CT and calcium score CT
- Explain how to properly acquire myocardial blood flow data
- Assess the quality control for myocardial blood flow
- Integrate myocardial blood flow/reserve data into PET/CT reports
- Describe the basics of positron emission tomography (PET) imaging and how PET differs from standard single-photon emission computed tomography (SPECT)
- Discuss the benefits and disadvantages of the commonly used MPI radiotracers, including technetium-99m, rubidium-82 and nitrogen-13 ammonia
- Describe and define the absolute myocardial blood flow metrics
- Integrate stress flow and coronary flow reserve into a composite metric called coronary flow capacity (CFC)
- Describe the high-flow measurements seen in truly normal people (not patients)
- Quantify the spectrum between dead (infarct) and normal myocardial perfusion, including typical flows in patients as well as frank ischemia
- Recognize the advantages of cardiac PET over SPECT myocardial perfusion imaging
- Demonstrates the value of PET derived absolute quantitative myocardial flow values
- Recognize the features of microvascular angina as assessed by PET derived myocardial flow reserve.
- Discuss the historical use of bone avid tracers in cardiac amyloidosis
- Incorporate practice guidelines for bone avid tracer imaging in cardiac amyloidosis
- Discuss the latest innovations in nuclear imaging tracers
- Discuss the clinical application of the 2021 Chest Pain Guidelines
- Compare the technical and diagnostic advantages of different imaging modalities
- Demonstrate the utility of coronary CT angiography in the evaluation of chest pain
- Discuss new SPECT/MPI hardware/software available for today's nuclear lab
- Recognize how novel hardware and software advances improve image quality and accuracy in SPECT MPI interpretation
- Illustrate novel applications for your nuclear lab with advances in SPECT camera hardware

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 7.5 AMA PRA Category 1 Credits™. Physicians 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 they may submit to the AOA for a maximum of 7.5 credits in Category 2A of the American Osteopathic Association. Advanced Practice Providers, Nurses and all other healthcare professional attendees will also receive an AMA certificate of attendance for a maximum of 7.5 credit hours to be submitted to their respective accreditation bodies.

AOA: This program is eligible for 7.5 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 7.5 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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Cardiology Fellow
Ochsner Health

Meghana Patil, MD

Cardiology Fellow
Temple University

Alexandra Sanchez, MD

Cardiology Fellow
Ochsner Health

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.

In-Person Program Agenda

CVI's 19th Annual Update in Nuclear Cardiology/PET/PET CT
7.5 Nuclear/PET/PET CT-Specific CME/CEU/VOICE Credits
♥ 7.25 MOC Knowledge Points for physicians who certify through ABIM

Overview

Veronica Covalesky, MD. 7:45am–8:00am

♥ Novel Amyloid Binding PET Tracers

Sharmila Dorbala, MD 8:00am–8:30am

♥ CT Calcium Scoring

Matthew Budoff, MD. 8:30am–9:00pm

♥ Extra-Cardiac Incidental Findings on Attenua Correction CTs and Calcium Scores

Michael Steigner, MD. 9:00am–9:30am

♥ The Ins and Outs of Myocardial Blood Flow Reserve. Acquisition, Quality Control, Interpretation and Reporting!

Timothy Bateman, MD. 9:30am–10:00am

BREAK 10:00am–10:30am

♥ Fellow Case: Myocardial Perfusion Imaging

Oscar Maitas, MD 10:30am–10:45am

♥ Myocardial Perfusion Imaging – PET is Better... Is it Time to Retire SPECT Imaging?

Robert Bober, MD 10:45am–11:30am

♥ Fellow Case: Coronary Flow Reserve and Coronary Capacity

Alexandra Sanchez, MD 11:30am–11:45am

♥ KEYNOTE PRESENTATION - Coronary Flow Reserv and Coronary Capacity

Nils Johnson, MD. 11:45am–12:30pm

LUNCH 12:30pm–1:15pm

♥ Clinical Benefit and Appropriate Use Criteria for Cardiac PET

Vasken Dilsizian, MD. 1:15pm–2:15pm

♥ Fellow Case: PYP

TBA 2:15pm–2:30pm

♥ Diagnosing TTR Cardiac Amyloidosis with Bone A Radiotracers: Best Practices and Latest Innovations in 2023

Sabahat Bokhari, MD 2:30pm–3:00pm

♥ Fellow Case: Coronary CTA

Meghana Patil, MD 3:00pm–3:15pm

♥ Imaging Strategies to Evaluate Chest P

Pravin Patil, MD. 3:15pm–3:45pm

♥ Myocardial Perfusion Imaging (MPI) with SPECT Novel Hardware, Software and Applications

Renee Bullock-Palmer, MD. 3:45pm–4:15pm

♥ Review

Renee Bullock-Palmer, MD. 4:15pm–4:30pm

CVI's 19th Annual Update in Nuclear Cardiology

Sunday, March 26, 2023 • Loews Philadelphia Hotel (Live and In-Person Only)

Registration Form



Sign up and pay your registration by Friday,
March 17th and **SAVE \$50** off your registration fee!

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Course Registration Cancellation Policy:

Requests in writing for refunds, less \$35 administrative fee, by March 19, 2023 processed after the meeting.
Registrations are transferable with prior notification to CVI by March 19, 2023.

Please note: CC processing fee will be deducted from all refunds and paid by check after the program.

Registrants are required to upload proof of vaccination with registration

By registering, you agree to upload proof of your COVID vaccination. You will receive an email with a link to upload the proof. Without proof of COVID vaccination, you will not be permitted to enter the meeting space, will not receive CME/CEU credits and will not be eligible for a refund of the registration fees. We appreciate your compliance.

Syllabus

Several days prior to the program, syllabus including presentations will be available for download from a secure website. At the conference, neither printers nor electrical outlets are available for attendee use. Faculty PowerPoint presentations are for the use of course attendees only, pre and post conference. This material may not be used, shared nor distributed electronically.

FREE Apple iPad Drawing

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

- Register and pay for CVI's 19th Annual Update in Nuclear Cardiology by 5:00pm on Friday, March 17, 2023.
- Submit your fully completed online program evaluation by 5:00pm on Friday, April 21, 2023.
- And you are entered to win ... ***It's as easy as that!*** Winner will be contacted via email.