



**Cardiac Amyloidosis: Practical Overview
and
Nuclear Cardiology Today: Practical Approaches to Optimizing the
Value of Contemporary Nuclear Cardiology
April 12–14, 2019
Palm Harbor, FL**

Friday, April 12, 2019		
Cardiac Amyloidosis: A Practical Overview		
Chair: Prem Soman, MD, PhD, MASNC		
Faculty: Sharmila Dorbala, MD, MPH; Mathew Maurer, MD, Frederick Ruberg, MD		
Session: 7:30am to 11:30am (additional registration required)		
10:45am Registration / Exhibit Hall Open		
Nuclear Cardiology Today: Practical Approaches to Optimizing the Value of Contemporary Nuclear Cardiology		
Co-Chairs:		
Dennis Calnon, MD, MASNC		David Wolinsky, MASNC
OhioHealth Heart & Vascular Physicians Columbus, Ohio		Cleveland Clinic Florida Weston, Florida
12:00pm	Introductions, Logistics, and Pre-Meeting Questions	Dennis Calnon, MD, MASNC and David Wolinsky, MD, MASNC
Session I. 12:10pm– 2:50pm	Contemporary SPECT Imaging Moderator: David Wolinsky, MD, MASNC	
12:10pm	Pharmacologic Stress Update: Non-perfusion findings, aminophylline shortage, and more	David Wolinsky, MD
12:30pm	SPECT Cases: Using contemporary SPECT for clinical decision-making	Randy Thompson, MD
12:50pm	How to prevent and recognize SPECT artifacts	Rob Pagnanelli, CNMT

1:10pm	Processing for Physicians I. The images look bad—How can I make them better?	Ed Ficaró, PhD
1:30pm	SPECT cases from the ED: How are we doing in 2019?	David Wolinsky, MD
1:50pm	Processing for Physicians II: How to take full advantage of the commercially available quantitative software programs	Ed Ficaró, PhD
2:10pm	SPECT Cases Using a CZT Camera: How are they different? How do I recognize imaging artifacts?	Prem Soman, MD
2:30pm	Measuring LV Function—Gated SPECT, Stress RNA, SPECT RNA	Ed Ficaró, PhD
2:50pm– 3:20pm	BREAK (Visit Exhibits)	
Session II. 3:20pm– 5:30pm	Contemporary PET Imaging Moderator: Dennis Calnon, MD, MASNC	
3:20pm	The Clinical Value of Cardiac PET Imaging in 2019	Marcelo DiCarli, MD
3:50pm	MBF with PET: A technology perspective	Ed Ficaró, PhD
4:10pm	PET MPI Artifacts: How are they different from SPECT artifacts?	Dennis Calnon, MD
4:30pm	How do I deal with the CT portion of a PET/CTs?	Randy Thompson, MD
4:50pm	Cases demonstrating the use of PET MBF in clinical decision-making	Marcelo DiCarli, MD
5:30pm– 7:30pm	Exhibitor's Reception	

Saturday, April 13, 2019		
Two concurrent sessions: Technologist Session & NC Today, Session III		
Technologists Session 8:00am–12:00pm	Practical Approaches to Optimizing the Value of Contemporary Nuclear Cardiology for Technologists Moderators: April Mann, MBA, CNMT, NCT, RT(N), MASNC and Robert Pagnanelli, CNMT, RT(N), NCT, FASNC	
8:00am	Introduction	April Mann, CNMT, Robert Pagnanelli, CNMT
8:05am	Overview of PET and SPECT Hardware	Robert Pagnanelli, CNMT
8:35am	Overview of PET and SPECT Software	Ed Ficaró, PhD
9:05am	PET Imaging Today	April Mann, CNMT
9:35am	Quantitative PET Myocardial Blood Flow	Marcelo DiCarli, MD
10:05am	Break	
10:35am	Tc-99m PYP Amyloid Imaging: Clinical Perspectives	Wael Jaber, MD
11:05am	Tc-99m PYP Imaging: How to Do It Right	April Mann, CNMT and Robert Pagnanelli, CNMT

12:00pm Adjourn		
Session III. 7:30am–9:50am	NC Today Image-Guided Cardiovascular Disease Management—Part I	
	Moderator: David Wolinsky, MD, MASNC	
7:30am	Cardiac Amyloidosis in 2019: An exciting new clinical application for nuclear cardiology	Prem Soman, MD
8:10am	Role of PET in the diagnosis of cardiac sarcoidosis and monitoring response to therapy	Ron Blankstein, MD
8:30am	Role of cardiac imaging in transplant disease	Wael Jaber, MD
8:50am	Cardio-Oncology Update (A subspecialty coming of age)	Paul Cremer, MD
9:10am	Cases from the Vault: Thank goodness for Nuclear Cardiology	Group presentation: Paul Cremer, MD, Wael Jaber, MD, Ron Blankstein, MD (2 cases/presenter)
9:50am–10:20am	Break	
Session IV. 10:20am–12:00pm	Image-Guided Disease Management—Part II	
	Moderator: Dennis Calnon, MD, MASNC	
10:20am	How to use calcium scoring to alter clinical management of patients referred for SPECT/CT or PET/CT: How to order, perform, report and bill for the test? Should the CT images be read by radiology to assess for extracardiac findings?	Khurram Nasir, MD
10:40am	Evaluation of the Pre- and Post-renal Transplant Patient	David Wolinsky, MD
11:00am	Role of Cardiac Imaging in Primary Prevention: The impact of the updated prevention guidelines	Ron Blankstein, MD
11:20am	Is there ever value imaging asymptomatic patients post PCI or CABG?	Wael Jaber, MD
11:40am	Cases demonstrating the value of SPECT and PET for clinical decision-making	Dennis Calnon, MD
12:00	Q&A	
12:15pm–1:00pm	Lunch (45 minutes)	
Session V. 1:00pm–3:30pm	The Great Debate: Anatomy versus Function	
	Moderators: Dennis Calnon, MD, MASNC and David Wolinsky, MD, MASNC	
1:00pm	ISCHEMIA Trial: The study	Leslee Shaw, PhD
1:30pm	ISCHEMIA, SCOT Heart, Myocardial Blood Flow: ASNC perspective	Prem Soman, MD
2:00pm	ISCHEMIA, SCOT Heart, Myocardial Blood Flow: The CT perspective	Leslee Shaw, PhD
2:30pm	What does the interventionalist do in 2019?	Jacqueline Tamis-Holland, MD
3:15pm	Q&A	
3:30pm–4:00pm	Break	

Session VI. 4:00 pm–6:30pm	Health Policy, Guidelines, Reimbursement: Follow the Leader Moderator: David Wolinsky, MD, MASNC	
4:00pm	KEYNOTE: Population health and the role of cardiac testing	Khurram Nasir, MD
4:45pm	ASNC health policy: Getting through the alphabet soup	David Winchester, MD
5:10pm	How should a cardiology practice respond to the modern healthcare environment?	Joel Sauer, MBA
5:30pm	Do primary physicians need education regarding the appropriate use of cardiac imaging?	David Wolinsky, MD
6:00pm	Panel discussion	

Sunday, April 14, 2019		
7:00am–7:50am	Pre-Meeting Session: MEDAXIOM Update: Joel Sauer, MD Moderator: David Wolinsky, MD, MASNC	
Session VII. 8:00 am–10:00 am	Practical Dilemmas in Nuclear Cardiology—A Case-Based Discussion Moderators: Dennis Calnon, MD, MASNC and David Wolinsky, MD, MASNC	
8:00am	The patient has severe side-effects following vasodilator stress, but we have no aminophylline available. What are our options?	Randy Thompson, MD
8:15am	Can a definitive diagnosis of Takotsubo cardiomyopathy be made without invasive angiography?	Paul Cremer, MD
8:30am	Is vasodilator stress safe in a patient with first-degree heart block, LAHB, RBBB, and resting HR of 48?	David Wolinsky, MD
8:45am	Can patients with biventricular pacemakers undergo exercise SPECT?	Prem Soman, MD
9:00am	The regadenoson dose infiltrated in the arm. Can the stress portion of the study be safely performed after IV access is achieved?	Dennis Calnon, MD
9:15am	Can ER patients with borderline stress test or CTA be discharged to complete their work-up as outpatient?	Randy Thompson, MD
9:30am	How do I evaluate a patient with chest pain but a low likelihood of CAD?	Khurram Nasir, MD
9:45am	The patient had a cup of coffee 2 hours before regadenoson stress MPI: What should I do?	Dennis Calnon, MD
10:00am–10:30am	Break	

Session VIII. 10:30 am– 12:00pm	Practical Dilemmas in Nuclear Cardiology—Part 2 Moderators: Dennis Calnon, MD, MASNC and David Wolinsky, MD, MASNC	
10:30am	My patient has connective-tissue disease and his rheumatologist is concerned about the risk for heart disease. Is there a role for cardiac testing?	David Wolinsky, MD
10:45am	How should we deal with patients who are unable to fully cooperate and hold still for MPI?	April Mann, CNMT
11:00am	The patient has minimal-to-no increase in myocardial blood flow during vasodilator stress PET MPI. What does this mean?	Dennis Calnon, MD
11:15am	An asymptomatic patient is referred for SPECT MPI prior to cataract surgery. What should I do? What do I do?	Randy Thompson, MD
11:30am	Patient has a very high calcium score (2200) with stable angina (3mo). Should the patient have a stress test or go straight to catheterization?	Khurram Nasir, MD
11:45am	Patient is referred for SPECT MPI to assess the patency of a left main stent. Is there a better cardiac imaging study?	Dennis Calnon, MD
12:00pm	Summary, Post-Program Questions, Adjournment	