

# AGENDA

## Wednesday, May 4

4:00 p.m. –  
6:00 p.m.      Registration

## Thursday, May 5

6:30 a.m.      Registration and Continental Breakfast

### Myocardial Perfusion/Function SPECT and PET

*Dr. Berman, Presiding*

7:45 a.m.      Course Overview and Objectives  
*Dr. Berman*

8:00 a.m.      SPECT/PET-MPI: Physiologic Basis and Acquisition Protocols  
*Dr. Maddahi*

8:30 a.m.      Technical and Regulatory Issues in Nuclear Cardiology  
*Dr. Germano*

8:55 a.m.      What Is New in Pharmacologic Stress for Cardiac Imaging? What You Need to Know (4 cases)  
*Dr. Hayes*

9:35 a.m.      The Nuclear Cardiology Consultation: Interpretation and Reporting of SPECT/PET-MPI (2 cases)  
*Dr. Berman*

9:55 a.m.      Panel Discussion  
Faculty: Drs. Germano, Hayes and Maddahi  
Moderator: Dr. Berman

10:10 a.m.      Break

10:25 a.m.      Quantitative Analysis of Myocardial Perfusion and Function Using SPECT and PET  
*Dr. Germano*

10:55 a.m.      Latest Software Developments in SPECT and PET: How They Can Affect Your Clinical Reading  
*Dr. Slomka*

11:25 a.m.      Integrating Visual and Quantitative Analyses:

**How the Combination Improves My Scan Interpretation – Case Illustrations**  
(8 cases)  
Dr. Hayes

**12:15 p.m.** **Panel Discussion**  
Faculty: Drs. Germano, Hayes and Slomka  
Moderator: Dr. Berman

**12:30 p.m.** **Lunch**

**1:10 p.m.** **Artifacts on SPECT and PET MPI: How to Recognize and Deal with Them** (8 cases)  
Dr. Hayes

**1:40 p.m.** **New SPECT Cameras and Approaches to Reconstruction Protocols for Myocardial Perfusion SPECT**  
Dr. Slomka

**2:10 p.m.** **Flurpiridaz F 18: Likely Impact on Practice?** (6 cases)  
Dr. Maddahi

**2:40 p.m.** **Clinical Role of Phase Analysis and Radionuclide Ventriculography** (4 cases)  
Dr. Soman

**3:10 p.m.** **Panel Discussion**  
Faculty: Drs. Hayes, Maddahi, Slomka and Soman  
Moderator: Dr. Berman

**3:25 p.m.** **Break**

**3:40 p.m.** **Multimodality Appropriate Use Criteria and the Affordable Care Act: How Will They Change Practice?**  
Dr. Soman

**4:10 p.m.** **Battle of the Experts:**  
**SPECT and PET Face-off on Challenging Unknown Cases** (8 cases)  
Panelists: Drs. Berman and Soman vs. Dr. Maddahi  
Presenter: Dr. Hayes

**5:40 p.m.** **Adjournment**

**Friday, May 6**

**7:30 a.m.      Continental Breakfast**

**Multimodality Imaging for Risk Stratification and Patient Management:  
Nuclear Cardiology, Cardiac CT, Cardiac Magnetic Resonance (CMR) and Echo**  
**Dr. Berman, Presiding**

**8:00 a.m.      Effects on Outcomes of Noninvasive Imaging Strategies in Patients with  
Chest Pain: What Have We Learned from Trials and Registries?**  
Dr. Shaw

**8:30 a.m.      Effects on Outcomes of Noninvasive Imaging Strategies in Patients with  
Ischemic Cardiomyopathy: What Have We Learned from Trials and  
Registries?**  
Dr. Maddahi

**9:00 a.m.      Changing Paradigms in the Use of Cardiac Stress Testing and Imaging**  
Dr. Rozanski

**9:45 a.m.      Panel Discussion**  
Faculty: Drs. Maddahi, Rozanski and Shaw  
Moderator: Dr. Berman

**10:00 a.m.      Break**

**New Developments in PET and SPECT**  
**Dr. Germano, Presiding**

**10:15 a.m.      New Opportunities for SPECT and PET in 2016: Reducing Radiation and  
Costs (4 cases)**  
Dr. Bateman

**10:45 a.m.      Coronary Artery Calcium Scanning:  
Imaging for Prevention and Adding to PET and SPECT (2 cases)**  
Dr. Rozanski

**11:15 a.m.      Myocardial Flow Reserve: Practical Clinical Applications (4 cases)**  
Dr. Bateman

**11:45 a.m.      Panel Discussion**  
Faculty: Drs. Bateman and Rozanski  
Moderator: Dr. Germano

**12:00 p.m.      Lunch Presentation**  
**MACRA**  
Dr. Harold

**Comparative Roles of Nuclear Cardiology, Cardiac CT and Cardiac MRI**  
**Dr. Berman, Presiding**

**1:00 p.m.** **A Systematic Approach to Interpretation Reporting of Coronary CTA**  
(4 cases)  
*Dr. Weigold*

**1:30 p.m.** **Fundamentals of Coronary CTA:**  
**Acquisition Protocols and Reducing Radiation** (2 cases)  
*Dr. Leipsic*

**2:00 p.m.** **How to Deal with Artifacts on CT: A Practical Guide** (8 cases)  
*Dr. Weigold*

**2:30 p.m.** **Toward the Perfect CT Scanner:**  
**Instrumentation, Acquisition, Processing, Display and Quantitation**  
*Dr. Leipsic*

**3:00 p.m.** **Panel Discussion**  
Faculty: Drs. Leipsic and Weigold  
Moderator: Dr. Berman

**3:15 p.m.** **Break**

**3:30 p.m.** **Multimodality Imaging of Myocardial Viability:**  
**SPECT, PET, CMR and Echo – Classic Cases** (6 cases)  
*Dr. Maddahi*

**4:00 p.m.** **Sarcoidosis, Amyloidosis: New Opportunities for Nuclear Cardiology** (5 cases)  
*Dr. Soman*

**4:30 p.m.** **Pathogenesis of Atherosclerosis: Potential Targets for Plaque Molecular Imaging** (4 cases)  
*Dr. Tawakol*

**5:00 p.m.** **Imaging Cardiac Innervation: Role in Assessing the Patient with Heart Failure**  
*Dr. Soman* (4 cases)

**5:30 p.m.** **Application of Cardiac Magnetic Resonance in Clinical Practice:**  
**Advantages and Disadvantages Compared to Nuclear Cardiology and Cardiac CT** (4 cases)  
*Dr. Arai*

**6:00 p.m.** **Panel Discussion**  
Faculty: Drs. Arai, Maddahi, Soman and Tawakol  
Moderator: Dr. Berman

**6:15 p.m.** **Adjournment**

## Saturday, May 7

7:30 a.m.    Continental Breakfast

### Cardiac CT and Its Relationship to Nuclear Cardiology

*Dr. Min, Presiding*

**8:00 a.m.    Coronary CTA or SPECT-MPI in Patients with Chest Pain in the ED: Improving Care While Reducing Costs (6 cases)**  
*Dr. Ziffer*

**8:30 a.m.    What's Really Important?  
It's the Plaque — Not Just the Stenosis (4 cases)**  
*Dr. Callister*

**9:00 a.m.    Non-cardiac Findings on CT during Coronary Calcium and Attenuation Correction Scanning: Don't Miss It (6 cases)**  
*Dr. Ziffer*

**9:30 a.m.    Physiologic Assessment of Coronary Disease by FFRCT and Myocardial Perfusion (4 cases)**  
*Dr. Min*

**10:00 a.m.    Panel Discussion**  
Faculty: Drs. Callister and Ziffer  
Moderator: Dr. Min

**10:15 a.m.    Break**

**10:30 a.m.    How I Use CT in My Clinical Practice: A Case-based Approach (4 cases)**  
*Dr. Callister*

**11:00 a.m.    Top Ten Cardiac Imaging Papers of the Year**  
*Dr. Min*

**11:30 a.m.    Multimodality Cardiac Imaging: How Can It Provide Value?**  
*Dr. Berman*

**12:00 p.m.    Game Show Jeopardy: Nuclear and CT – You Don't Want to Miss It!**  
Attendee participation. Prize awarded to winner  
*Presenter: Dr. Min*

**12:30 p.m.    Course Adjournment**