AGENDA

Wednesday, May 9

4:00 p.m. – 6:00 p.m. Registration

Thursday, May 10

7:00 a.m. Registration and Continental Breakfast

7:45 a.m. Course Overview and Objectives

Dr. Berman

Session #1: Advances in SPECT and PET

Moderator: Dr. Berman

8:00 a.m. The Nuclear Cardiology Consultation: Beyond Standard Interpretation and Reporting (2 cases)

Dr. Berman

8:25 a.m. Quantitative Analysis of Myocardial Perfusion and Function Using SPECT and PET

Dr. Germano

8:45 a.m. Integrating Visual and Quantitative Analyses: Improving Your Scan Interpretation Case Illustrations (8 cases)

Dr. Hayes

9:30 a.m. Laboratory Accreditation in Nuclear Cardiology: New Technical and Regulatory Requirements

Dr. Germano

9:50 a.m. Panel Discussion

Faculty: Drs. Germano and Hayes

Moderator: Dr. Berman

10:05 a.m. Break

SESSION #2: Cameras, Software, Protocols

Moderator: Dr. Berman

10:20 a.m. New SPECT Cameras and Approaches to Reconstruction Protocols for Myocardial Perfusion SPECT

Dr. Slomka

10:40 a.m. Pharmacologic Stress: Combined with Exercise or Alone — What You Need to Know (2 cases)

Dr. Hayes
Recent Advances in Clinical Nuclear Cardiology and Cardiac CT: 
State-of-the-Art Updates and 101 Evidence-Based Case Reviews

11:10 a.m. Latest Software Developments in SPECT and PET: Comparison of the Various Software Packages  
Dr. Slomka

11:30 a.m. Artifacts on SPECT and PET MPI: How to Recognize and Deal with Them (8 cases)  
Dr. Hayes

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

12:30 p.m. Lunch

SESSION #3: Optimizing the Use of Nuclear Cardiology  
Moderator: Dr. Berman

1:20 p.m. The Changing Nature of CAD in the 21st Century: How Is It Affecting Cardiac Imaging Paradigms?  
Dr. Rozanski

1:50 p.m. When to Add CAC Scanning to SPECT/PET MPI (2 cases)  
Dr. Berman

2:10 p.m. The Normal Stress-MPI Scan: How Can It Change Management?  
Dr. Rozanski

2:30 p.m. Challenges for SPECT and PET in 2018: Reducing Radiation and Increasing Efficiency in SPECT and PET  
Dr. Bateman

2:50 p.m. F-18 Flurpiridaz: The Ideal MPI Radiopharmaceutical (4 cases)  
Dr. Maddahi

3:10 p.m. Break

3:25 p.m. Myocardial Viability: Assessment with SPECT, PET and MRI  
Dr. Maddahi

3:45 p.m. Myocardial Viability: Classic Cases (8 cases)  
Dr. Maddahi

4:15 p.m. Panel Discussion  
Faculty: Drs. Bateman, Maddahi and Rozanski  
Moderator: Dr. Berman

4:30 p.m. Expert Interpretation of Challenging Cases: SPECT and PET (10 cases)  
Panelists: Drs. Bateman, Berman, Maddahi and Rozanski  
Presenter: Dr. Hayes

5:30 p.m. Adjournment
Friday, May 11

7:30 a.m.  Continental Breakfast and Exhibits

Session #4: New Applications of Nuclear Cardiology
Moderator: Dr. Berman

8:00 a.m.  Myocardial Blood Flow and Myocardial Flow Reserve with PET and SPECT: How to Perform, Interpret and Report (2 cases)
            Dr. Bateman

8:20 a.m.  Assessment of Microvascular Dysfunction in Patients with Chest Pain and Heart Failure (2 cases)
            Dr. Dorbala

8:50 a.m.  Amyloidosis: Rebirth of the Need for Tc-99m PYP Imaging (3 cases)
            Dr. Dorbala

9:10 a.m.  Phase Analysis of MPI and Radionuclide Ventriculography (2 cases)
            Dr. Soman

9:30 a.m.  Cardiac Sarcoidosis: How to Use FDG PET and Cardiac MRI (3 cases)
            Dr. Dorbala

9:50 a.m.  Panel Discussion
            Faculty: Drs. Bateman, Dorbala and Soman
            Moderator: Dr. Berman

10:05 a.m. Break

Session #5: The Big Picture in Advanced Cardiac Imaging
Moderator: Dr. Min

10:20 a.m.  Pathogenesis of Atherosclerosis: Potential Targets for Plaque Molecular Imaging
            Dr. Tawakol

10:40 a.m.  The New Regulatory Reality: MACRA, AUC and Bundling — Effect on My Practice
            Dr. Soman

11:00 a.m.  ISCHEMIA Trial: Implications for the Future of Cardiac Imaging
            Dr. Shaw

11:20 a.m.  Cardiac Imaging in 2018 as Viewed from a Health Care System Perspective
            Dr. Ziffer

11:50 a.m.  Clinical Trials and Registries: What Evidence Do We Have and What Do We Need?
            Dr. Shaw

12:20 p.m.  Panel Discussion
            Faculty: Drs. Shaw, Soman, Tawakol and Ziffer
            Moderator: Dr. Berman

12:35 p.m. Lunch
Recent Advances in Clinical Nuclear Cardiology and Cardiac CT:
State-of-the-Art Updates and 101 Evidence-Based Case Reviews

Session #6: Updates in Cardiovascular Magnetic Resonance
Moderator: Dr. Berman

1:20 p.m.  CMR for Myocardial Perfusion, Fibrosis, Edema and Infarction (2 cases)
Dr. Arai

1:40 p.m.  When Is CMR the Test of Choice? A Case-based Approach (4 cases)
Dr. Arai

2:10 p.m.  Panel Discussion
Faculty: Drs. Arai and Maddahi
Moderator: Dr. Berman

Session #7: Coronary CTA: New Developments
Moderator: Dr. Min

2:25 p.m.  Coronary CTA: Interpretation and Reporting of Coronary CTA (3 cases)
Dr. Weigold

2:45 p.m.  Coronary CTA: Instrumentation, Acquisition Protocols and Reducing Radiation
Dr. Carr

3:05 p.m.  FFRct and CT Perfusion: Physiologic Assessment of Coronary Disease (2 cases)
Dr. Nieman

3:25 p.m.  Break

3:40 p.m.  BATTLE OF THE EXPERTS
CT Face-off on Challenging Unknown Cases (8 cases)
Panelists: Drs. Min and Nieman vs. Drs. Callister, Carr and Weigold
Presenter: Dr. Villines

4:45 p.m.  Panel Discussion
Faculty: Drs. Callister, Carr, Nieman, Villines and Weigold
Moderator: Dr. Min

5:00 p.m.  Adjournment

Saturday, May 12

7:30 a.m.  Continental Breakfast and Exhibits

Session #8: Cardiac CT and Its Relationship to Nuclear Cardiology and CMR
Moderator: Dr. Min

8:00 a.m.  Pitfalls in Coronary CTA: How to Reduce and Deal with Artifacts (5 cases)
Dr. Weigold

8:20 a.m.  Coronary CTA and SPECT Imaging in Patients with Chest Pain in the ED (3 cases)
Dr. Ziffer

8:40 a.m.  How Coronary CTA Is Changing Routine Clinical Practice (2 cases)
Dr. Callister
9:00 a.m.  Don’t Miss It: Non-cardiac Findings on Cardiac CT Studies (6 cases)

Dr. Carr

9:20 a.m.  Coronary Plaque Assessment and the Prediction of Future Myocardial Infarction
(2 cases)

Dr. Min

9:40 a.m.  Panel Discussion

Faculty: Drs. Callister, Carr, Villines and Ziffer

Moderator: Dr. Min

9:55 a.m.  Break

Session #9: Beyond the Coronaries: Cardiac and Valvular Applications
Moderator: Dr. Min

10:10 a.m.  Coronary Plaque, Stenosis and Ischemia: What Is Really Important? (2 cases)

Dr. Callister

10:30 a.m.  Role of Cardiovascular CT in Transcatheter Aortic Valve Replacement (TAVR)
(2 cases)

Dr. Carr

10:50 a.m.  Coronary CTA Applications in Non-coronary Heart Disease (4 cases)

Dr. Villines

Session #10: Multimodality Imaging: Putting it All Together
Moderator: Dr. Min

11:10 a.m.  Top Ten Imaging Papers of the Year

Dr. Min

11:30 a.m.  Multimodality Cardiac Imaging: Its Use in the Era of Value-based Imaging

Dr. Berman

12:00 p.m.  Game Show Jeopardy: Nuclear and CT

Presenter: Dr. Min

Attendee participation. Prize awarded to winner

12:30 p.m.  Course Adjournment