



| Session   | Presentation Title   | Faculty                                     |
|---|--|---|
| <b>The Big Picture of Nuclear Cardiac Imaging</b> |  |   |
|   | Introduction & Welcome   | Chairs                                      |
|   | The Business of Nuclear Cardiology as Viewed from a Healthcare System Perspective                              | Cathleen Biga, MSN, RN, FACC                |
|   | Top Ten Nuclear Imaging Papers of 2021   | Saurabh Malhotra, MD, FACC                  |
|   | Nuclear Cardiology in the Era of Value-Based Imaging and Patient-First imaging                                 | Randall C. Thompson, MD, FACC               |
| <b>The Future of Nuclear Cardiology</b>           |  |   |
|   | Fast Forward into the Future- State of the Nuclear Lab in 2050   | Marc Dweck, MB ChB, PhD, FACC               |
|   | Potential Targets for Molecular Cardiac Imaging  | Albert J. Sinusas, MD, FACC                 |
|   | Man vs Machine: Artificial Intelligence in the Realm of Nuclear Cardiology                                     | Piotr Slomka, PhD, FACC                     |
| <b>Nuts and Bolts in the Nuclear Lab</b>          |  |   |
|   | The Nuclear Cardiology Consultation: Beyond Standard Interpretation and Reporting                              | Daniel S. Berman, MD, FACC                  |
|   | Integrating Visual and Quantitative Analyses: Improving Your Scan Interpretation Case Illustrations            | Sean W. Hayes, MD                           |
| <b>Cameras, Software, Protocols</b>               |  |   |
|   | Artifacts on PET MPI: How to Recognize and Deal with Them  | James A Case, PhD                           |
|   | Quantitative Tools for Perfusion and Flow Analysis   | Robert deKemp, PhD                          |
|   | Inadequate SPECT Images and Artifacts: How to Anticipate, Recognize, and Deal with Them                        | Ernest Gordon DePuey, MD                    |
|   | Pharmacologic Stress: Combined with Exercise or Alone — What You Need to Know                                  | Sean W. Hayes, MD                           |
|   | New SPECT Cameras and Approaches to Reconstruction Protocols for Myocardial Perfusion SPECT                    | Piotr Slomka, PhD, FACC                     |
| <b>Optimizing the Use of Nuclear Cardiology</b>   |  |   |
|   | The Changing Nature of CAD in the 21st Century: How Is It Affecting Cardiac Imaging Paradigms?                 | Karthik Ananthasubramaniam, MBBS, FACC      |
|   | Challenges for SPECT and PET in 2022: Reducing Radiation and Increasing Efficiency in SPECT and PET            | Timothy M. Bateman, MD, FACC                |
|   | When to Add CAC Scanning to SPECT/PET MPI  | Daniel S. Berman, MD, FACC                  |
|   | Don't Miss It: Non-cardiac Findings on Cardiac CT Studies  | John Jeffrey Carr, MD, MS                   |
|   | Myocardial Viability: Assessment with SPECT, PET and MRI   | Jamshid Maddahi, MD, FACC                   |
|   | Myocardial Viability: Classic Cases  | Jamshid Maddahi, MD, FACC                   |
|   | The Normal Stress-MPI Scan: How Can It Change Management?  | Alan Rozanski, MD                           |
| <b>Cardiac Amyloidosis</b>                        |  |   |
|   | PYP Imaging for Diagnosing Cardiac Amyloidosis   | Omar Farid Abou-Ezzeddine, MD, CM, MS, FACC |
|   | Role of Cardiac Imaging in Cardiac Amyloidosis: Where are we today?  | Sharmila Dorbala, MBBS, FACC                |
|   | Clinical Cases and Challenging Cases in Cardiac Amyloidosis  | Selma F Mohammed, MBBS, FACC                |
|   | Nuts and Bolts of Starting and Building an Amyloidosis Program- What Do You Need to Know?                      | Prem Soman, MD, PhD, FACC                   |
| <b>Cardiac Sarcoidosis</b>                        |  |   |
|   | Cardiac Imaging in Cardiac Sarcoidosis   | Ron Blankstein, MD, FACC                    |
|   | Clinical Cases in Cardiac Sarcoidosis  | Panithaya Chareonthaitawee, MD, FACC        |
|   | Nuts and Bolts of Starting and Building a Cardiac Sarcoidosis Program  | Amit R. Patel, MD, FACC                     |
| <b>Role of Cardiac Imaging in Women</b>           |  |   |
|   | Role of Nuclear Cardiac Imaging in Women   | Niti R. Aggarwal, MD, FACC                  |
|   | Determining Functional vs. Anatomic Testing in Women with Ischemic Heart Disease                               | Renee Bullock-Palmer, MD, FACC              |
| <b>Cardiac Imaging in Special Populations</b>     |  |   |
|   | Ischemic Heart Disease Risk Assessment in the Elderly-What's the Best Approach?                                | Brian G. Abbott, MD, FACC                   |
|   | Assessment of Ischemic Heart Disease in Special Populations- ESRD and DM Patients                              | Nishant R. Shah, MD, FACC                   |
| <b>Microvascular Disease</b>                      |  |   |
|   | Myocardial Blood Flow and Myocardial Flow Reserve with PET and SPECT: How to Perform, Interpret and Report     | Timothy M. Bateman, MD, FACC                |
|   | Importance of Microvascular Disease and Assessment in Chest Pain and Heart Failure                             | Marcelo F. Di Carli, MD, FACC               |
| <b>Nuts and Bolts of PET Imaging</b>              |  |   |
|   | The Business Aspects of Setting up a PET Program   | Mouaz H. Al-Mallah, MD, FACC                |
|   | Use of PET Imaging to Assess Cardiac Device Infections-What are the Indications and How to Interpret the Study | Benjamin J. W. Chow, MD, FACC               |
|   | Key Aspects of PET Interpretation and Reporting  | Rupa Sanghani, MD, FACC                     |