FINAL PROGRAM

Bringing Value to Your Patient; Bringing Value to Your Practice

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How do you choose the right study for the right patient?

Committed to Science, Committed to You.

Visit us at Booth 309 to learn more about the advancements in Cardiac PET myocardial perfusion imaging (MPI) and how it is right for your patients and practice. Bracco Diagnostics Inc. has been at the forefront of PET MPI for over 26 years and counting. We remain passionate about the future of PET MPI and the patients we serve.

Bracco is a proud supporter of the American Society of Nuclear Cardiology

CardioGen-82 is a closed system used to produce rubidium Rb 82 chloride injection for intravenous administration. Rubidium Rb 82 chloride injection is indicated for Positron Emission Tomography (PET) imaging of the myocardium under rest or pharmacologic stress conditions to evaluate regional myocardial perfusion in adult patients with suspected or existing coronary artery disease.

IMPORTANT SAFETY INFORMATION:

WARNING: UNINTENDED STRONTIUM-82 (Sr-82) AND STRONTIUM-85 (Sr-85) RADIATION EXPOSURE

Unintended radiation exposure occurs when the levels of Sr-82 or Sr-85 in the rubidium Rb 82 chloride injection exceed specified limits [see Warnings and Precautions (5.1)].

1. Perform generator eluate tests:
   - Record each generator eluate volume, including waste and test volumes, and keep a record of the cumulative eluate volume [see Dosage and Administration (2.4)].
   - Determine Rb-82, Sr-82, Sr-85 levels in the eluate:
     - Once daily, prior to any drug administrations, and
     - At additional daily tests after detection of an Alert Limit. Alert Limits are:
       - 14 L for the generator's cumulative eluate volume, or
       - An eluate Sr-82 level of 0.002 µCi/mCi Rb-82, or
       - An eluate Sr-85 level of 0.02 µCi/mCi Rb-82.
       - Perform the additional daily tests at time points determined by the day's elution volume; tests are performed every 750 mL [see Dosage and Administration 2.5].
   - Stop use of a generator at an Expiration Limit of:
     - 17 L for the generator's cumulative eluate volume, or
     - 42 days post generator calibration date, or
     - An eluate Sr-82 level of 0.01 µCi/mCi Rb-82, or
     - An eluate Sr-85 level of 0.1 µCi/mCi Rb-82 [see Dosage and Administration (2.6)].

Pharmacologic induction of cardiovascular stress may be associated with serious adverse events such as myocardial infarction, arrhythmia, hypotension, bronchoconstriction, and cerebrovascular events. Perform pharmacologic stress testing in accordance with the pharmacologic stress agent’s prescribing information and only in the setting where cardiac resuscitation equipment and trained staff are readily available.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/safety/medwatch, or call 1-800-FDA-1088. Please consult brief summary of the full Prescribing Information on the previous page.

Manufactured for Bracco Diagnostics Inc., Monroe Township, NJ 08831, by GE Healthcare, Medi-Physics, Inc., South Plainfield, NJ 07080

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CARDIOGEN-82 (Rubidium Rb 82 Generator)

**INDICATIONS AND USAGE**

Cardiogene-82 is a closed system used to produce rubidium Rb 82 chloride for intravenous administration. Rubidium Rb 82 chloride injection is indicated for radionuclide imaging under medical or pharmacologic stress conditions to evaluate regional myocardial perfusion in adult patients with stable or unstable angina pectoris, and/or with suspected silent ischemia.

**DOSAGE AND ADMINISTRATION**

2.1 Injection Solution: Use Cardiogene-82 only with an infusion system specifically designed for use with the generator and capable of accurate measurement and delivery of doses of radionuclide Rb 82 chloride to the patient in the Infusion Systems Guide (for the set up and intravenous infusion of radium-82 chloride injection solutions).

2.2 Rubidium Rb 82 Chloride Injection: The solution for injection of radium Rb 82 chloride injection is 140 MBq (4 mCi) with a range of 110-165 MBq (3-5 mCi) per vial. Each 1 mL of Rb 82 chloride solution contains 5.8 MBq (0.15 mCi) of radium Rb 82 chloride injection. The dose of radium Rb 82 chloride injection is 140 MBq (4 mCi) with a range of 110-165 MBq (3-5 mCi). The solution contains a preservative.

**3. ADVERSE REACTIONS**

1.1 Pulmonary Effects: The following adverse pulmonary reactions have been identified in patients who have undergone cardiac radionuclide imaging. Cardiogene-82 must be used with caution and only by trained personnel.

1.2 Gastrointestinal Effects: These effects are the same as those associated with the use of any radiopharmaceutical. They include stomach upset, nausea, vomiting, and diarrhea.

1.3 Central Nervous System Effects: These effects include headache, dizziness, and in some cases, confusion and disorientation.

1.43 OTHER EFFECTS: These effects have not been identified in patients who have undergone cardiac radionuclide imaging. Cardiogene-82 must be used with caution and only by trained personnel.

**4. CONTRAINDICATIONS**

Use of Cardiogene-82 is contraindicated in patients who are allergic to rubidium Rb 82 chloride or any of its components.

**5. WARNINGS AND PRECAUTIONS**

5.1 Radiation Risk: The radiation risk associated with Cardiogene-82 injection is minimal. The radiation dose is low and the risk of radiation-induced effects is negligible.

5.2 Radiation Monitoring: Patients who receive Cardiogene-82 injection should be monitored for any signs of radiation exposure.

5.3 Radiation Safety: Cardiogene-82 injection should be used only by trained personnel in a radiation-controlled setting.

5.4 Radiation Monitoring: Patients who receive Cardiogene-82 injection should be monitored for any signs of radiation exposure.

5.5 Radiation Safety: Cardiogene-82 injection should be used only by trained personnel in a radiation-controlled setting.

**6. ADMINISTRATION**

6.1 Radiation Dosage: The following dosage information has been determined by the results of preclinical studies in animals. The recommended dosage for humans is not known.

6.2 Administration: Cardiogene-82 injection should be administered intravenously over a period of 1 to 2 minutes. The injection should be given slowly, and the patient should be observed for any signs of adverse reactions.

**7. PATIENT INSTRUCTIONS**

Patients who receive Cardiogene-82 injection should be instructed to avoid exposure to radiation and to sheltered environments, as well as to report any signs of radiation exposure.

**8. CLINICAL STUDIES**

Cardiogene-82 injection has been studied in patients with a variety of cardiac disorders, including coronary artery disease, left ventricular dysfunction, and arrhythmias. The results of these studies have shown that Cardiogene-82 injection is safe and effective for the diagnosis and treatment of these conditions.

**9. PATIENT REFERRAL**

Patients who receive Cardiogene-82 injection should be referred to a cardiologist for further evaluation and treatment.
The American Society of Nuclear Cardiology (ASNC) welcomes you to this year’s Annual Scientific Session. We are excited to have you join us in Boca Raton as we enter into the Society’s exciting third decade of meetings. ASNC2016 is the leading scientific meeting dedicated exclusively to nuclear imaging and is designed to provide you unique educational experiences in clinical applications, cutting edge research, practice solutions and technological developments within our field. ASNC2016 will explore the most recent and comprehensive research developments in radiation reduction, PET and multimodality imaging.

This year’s program offers many opportunities to network with distinguished leaders and colleagues in the field through a wide range of sessions. These include read with the experts case-based sessions with audience response, dedicated multimodality sessions, an ethics session and much more.

Be sure to check out:

- A policy-based plenary session focused on alternative payment models and value-based healthcare
- Dr. Raymond Gibbons will present the Mario Verani Lecture during Friday’s plenary
- Numerous PET sessions including two joint sessions with MedAxiom on practical consideration for developing a PET program and a plenary session devoted solely to PET
- A session on how to turn a C study into a B study with perspectives from a physician, technologist and nurse
- The Choosing Wisely Challenge
- This year’s international spotlight: Latin America and Asia
- In the Exhibit Hall, you will find many opportunities to learn about the newest products and latest trends from industry experts and representatives
- Oral and poster abstract sessions offer multiple opportunities to learn about cutting edge research in the field

Please join us for cocktails at the Opening Reception in the Exhibit Hall on Thursday evening at 6pm.

Thank you for choosing to attend ASNC2016. We hope that your attendance provides you with a creative and educational exchange of ideas that results in an incredible, personally rewarding experience.

Sincerely,

Brian G. Abbott, MD, FASNC
ASNC 2016 President

On behalf of the Program Committee, I am honored and delighted to welcome you to ASNC2016 and the beautiful city of Boca Raton. ASNC’s annual meeting will address emerging research, new technologies, and advances in treatment. Please take advantage of the meeting’s numerous opportunities to build your relationships with nuclear cardiology professionals and organizations, contribute to ASNC’s programs promoting innovation and quality in cardiovascular imaging, and learn about the latest products advancing our specialty.

This year’s program highlights the many exciting developments in nuclear cardiology and multimodality imaging, and is designed to offer value to attendees of all levels of expertise and experience. Among the sessions and presentations you’ll enjoy are:

- This year’s Mario Verani Lecturer, Raymond Gibbons, MD, will present “What Is the Evidence? A Call for Scientific Rigor” on Friday morning during the plenary session.
- Cardiovascular PET is an important theme of ASNC2016. Don’t miss the ASNC/MedAxiom joint sessions on Practical Considerations for Developing a PET Program for Your Organizations and Saturday’s plenary session, Cardiovascular PET for 2016.
- Case-based learning sessions are featured every day at ASNC2016. Join your colleagues and expert panelists as we examine concepts fundamental to nuclear cardiology practice.
- Following on the success of the 2015 ethics session, we are pleased to offer Protecting Our Patients, Protecting Our Profession.
- Need MOC? ASNC2016 offers two sessions—a module each for general cardiology and nuclear cardiology.
- Electronic poster sessions will be available throughout the meeting.

ASNC2016 promises to be our society’s most interactive yet. Please use the new, expanded ASNC2016 electronic application to participate and, of course, share your ideas and experiences during the sessions. We look forward to learning with you.

Sincerely,

Randall C. Thompson, MD, FASNC
ASNC2016 Program Chair
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ASNC
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(818) 844-3299 ALL OTHERS
Monday – Friday
9:00 a.m. – 8:00 p.m. EDT

SPECIAL OFFER ENDS SEPTEMBER 25th, 2016

1 Attendees cannot claim CME credit for the same sessions they attended live.
N-13 Ammonia Cardiac PET
Myocardial Perfusion Imaging

A GOLD STANDARD FOR CORONARY FLOW RESERVE

CORONARY FLOW RESERVE is especially useful for patients:

- without a history of CAD, who present with symptoms for myocardial ischemia
- with known CAD, for whom more specific physiological assessment is desired
- with an increased suspicion for multivessel CAD
- with possible microvascular dysfunction
- with a heart transplant when there is a question of vasculopathy

Ionetix Corporation is a national supplier of N-13 ammonia for cardiac PET perfusion imaging.

Ionetix has developed an ultra-compact, single-purpose cyclotron system for the unit dose production of N-13 ammonia. This system can be installed at or near the nuclear cardiology department for “on demand” tracer availability.

N-13 ammonia offers superior image quality for myocardial perfusion imaging while providing clinicians with the advantages of quantification of coronary flow reserve (CFR), or the ability to provide exercise treadmill stress testing with PET.

**PRESENTATION**

CARDIAC PET: The Future of Nuclear Cardiology

**DATE:** Friday, September 23, 2016

**TIME:** 6:00 - 7:30 pm

**LOCATION:** Grand GH room

**PRESENTED BY:**

Venkatesh Murthy, MD, PhD, FACC, FASNC
Assistant Professor,
The University of Michigan Health System

**VISIT THE IONETIX BOOTH #100 TO LEARN MORE.**

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Program Design

- A scientific forum featuring panel discussions on focused areas of cutting-edge research
- State-of-the-art reviews of the key aspects of nuclear cardiology by the world’s experts
- A basic core curriculum addressing practical issues in the performance of nuclear cardiology procedures to include opportunities for maintenance of certification credit
- Scientific sessions on advances in nuclear cardiology
- Ethics session will offer case-based scenarios dealing with ethical issues
- Educational track dealing with the pathophysiology of multimodality imaging
- Presentations addressing technical issues in nuclear cardiology
- Oral abstracts featuring the latest clinical studies in cardiovascular imaging as well as young investigator presentations
- Abstracts of original investigation programmed as poster presentations
- Commercial exhibits displaying the latest in nuclear cardiology technology and services
- Cost-related information in the practice and business of nuclear cardiology focused on developing a PET program
- Innovations in Technology session to cover expanding horizons for cardiac imaging
- Opportunities to convene and interact with experts in all aspects of nuclear cardiology and cardiovascular imaging

Statement of Need

In order to maintain competence and improve performance, imaging professionals must assimilate and integrate knowledge spanning multiple areas, including clinical data, technical aspects of imaging, and appropriate application of imaging (e.g., clinical guidelines and appropriate use criteria). Each of these areas is constantly evolving, particularly as innovative technologies and novel pharmacologic agents are introduced. ASNC2016 is an educational activity designed to help you and other imaging professionals obtain the latest information in clinical practice and review cutting-edge scientific advances in nuclear cardiology and cardiac imaging.

Disclosure

ASNC is pledged to ensure balance, independence, objectivity, and scientific rigor in all its supported educational activities through disclosure of relationships with commercial companies and resolution of conflict of interest. All planners, reviewers and presenters involved with this activity are expected to disclose financial interests with the manufacturer(s) of any commercial product(s) and/or providers of commercial services discussed in an educational presentation. A complete list of disclosures will be distributed to all attendees on site.

Accreditation and Continuing Education Credit

**PHYSICIANS** The American Society of Nuclear Cardiology is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Society of Nuclear Cardiology designates this live activity for a maximum of 32.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**TECHNOLOGISTS** The American Society of Nuclear Cardiology is a recognized provider of continuing education credit for technologists. ASNC’s Continuing Education credit is accepted by both NMTCB and ARRT. ASNC2016 has been approved for a maximum of 22.75 ARRT Category A Credits.

**PHYSICIAN ASSISTANTS** The American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credits™ from organizations accredited by ACCME.

**NURSE PRACTITIONERS** The American Academy of Nurse Practitioners Certification Board (AANPCP) recognizes attendance at CE offerings which provide AMA PRA Category 1 Credits™ for the purpose of recertification.

Target Audience

This course is intended for cardiologists, radiologists, nuclear medicine specialists, practice administrators, nuclear technologists, nurses and other health care professionals with an interest in the field of nuclear cardiology and cardiac CT imaging.
Overall Purpose

The overall goal of the meeting is to improve learner knowledge, competence and skills in applications about appropriate use criteria, radiation safety, reporting, and lab performance in using appropriate guidelines-based treatment.

Learning Objectives

- **DEMONSTRATE** improved skills in image interpretation and reporting
- **LEARN** how to recognize and minimize technical problems and artifacts that may be associated with cardiac imaging
- **LEARN** the appropriate use of cardiac imaging techniques based on current guidelines
- **EVALUATE** new imaging technologies, software, and stress techniques
- **UNDERSTAND** the role of nuclear and cardiac CT imaging in overall patient care
- **LEARN** the importance of balancing radiation exposure with image quality
- **DESCRIBE** future directions in cardiac PET, CT, and SPECT/CT in order to anticipate training and equipment needs
- **UNDERSTAND** the clinical implication of multimodality cases and recognize the value and limitations in clinical cardiology

Program Tracks

The program will include the following tracks to allow attendees to customize their educational experience:

- **PLENARY**: Sessions will include keynote presentations from leaders in the field covering areas such as emerging research, new technology, and advances in treatment.
- **ADVANCED**: This track includes sessions covering advances in the field of nuclear cardiology and potential clinical applications for these innovations.
- **CORE**: These didactic presentations review topics essential to the effective diagnosis and treatment of heart disease patients using imaging modalities.
- **INTERNATIONAL**: These sessions offer an opportunity to learn about multimodality imaging from the international community and how that view may differ from the US-based approach.
- **LIFELONG LEARNING**: Participate in study sessions offering participants the opportunity to weigh in through audience response and discussion with facilitators and fellow participants to identify the most appropriate answers to ABIM approved questions.
- **MULTIMODALITY IMAGING**: Sessions include important applications of nuclear cardiology along with other imaging modalities in current practice to deliver optimal care to patients.
- **OTHER**: These are sessions that are general in nature with broad-based interest. They include an ethics session, an imaging sub-specialty session and a session on innovations in technology.
- **PET**: These highlight sessions will be non-track based but will offer a broad-based review of the clinical value of pharmacologic PET, radiation exposure, modeling cost effectiveness and other areas.
- **POLICY AND PRACTICE**: Managing a cardiology practice has never been more challenging. In each presentation jointly planned by MedAxiom, you’ll find programming that gets to the heart of today’s challenges while preparing you for the cardiology practice of tomorrow.
- **RESEARCH**: To include poster and oral abstract presentations including young investigator oral presentations.
- **READ WITH THE EXPERTS/CASES**: Learn with the best practitioners in the field by walking through cases along with panelists and expert faculty. Audience response opportunities available.
- **TECHNOLOGY AND TECHNIQUES**: Sessions are instructive with regard to nuclear cardiology technology and techniques. Information is intended to provide practical information for providing quality imaging services. These sessions are geared for the nuclear cardiology technologist.
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<td>PL</td>
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<td>Plenary I: Alternative Payment Models and Value-Based Healthcare</td>
<td>4:00pm</td>
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<td></td>
<td>200</td>
<td>Plenary Session II and Mario Verani Lecture</td>
<td>7:45am</td>
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<td>301</td>
<td>Plenary Session III: Cardiovascular PET for 2016</td>
<td>7:55am</td>
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<td>400</td>
<td>Plenary Session IV: Latest Studies and Guidelines in Cardiology (Grand CD)</td>
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<td>A</td>
<td>205</td>
<td>Emerging Applications of Nuclear Cardiology</td>
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<td>Debate Session: Clash of the Titans</td>
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<td>305</td>
<td>Advances in Radiotracer Design</td>
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<td>Advances in the Assessment of Myocardial Blood Flow (Addison East)</td>
<td>11:00am</td>
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<td>Beyond the Imaging... and Other ECG and Hemodynamic Prognosticators</td>
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<td>Essential Principles of Nuclear Stress Testing</td>
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<td>Quantifying Myocardial Ischemia</td>
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<td>401</td>
<td>New Developments in Assessing Coronary Artery Disease (Addison East)</td>
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<td>I</td>
<td>102</td>
<td>Nuclear Cardiology in Latin America - Heart Failure</td>
<td>2:00pm</td>
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<td>106</td>
<td>Nuclear Cardiology in Asia</td>
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<td>LL</td>
<td>108</td>
<td>ASNC: 2014 MOC Module 1 (Grand A-D)</td>
<td>7:00pm</td>
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<td>326</td>
<td>ABIM Recertification Made Easy: 2016 Update (Grand AB)</td>
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<td>MI</td>
<td>206</td>
<td>Patients with Established Coronary Artery Disease: Imaging to Guide Treatment</td>
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<td>Heart Failure: Hibernation, Ischemia, Scar, Dyssynchrony</td>
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<td>Pre-operative Risk Stratification in Patients with Risk Factors</td>
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<td>Infiltrative and Inflammatory Cardiomyopathies</td>
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<td>Assessing Cardiac Sarcoid</td>
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<td>O</td>
<td>202</td>
<td>MACRArnomics: Is Your Practice/System Ready? (Grand GH)</td>
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<td>Ethics in Nuclear Cardiology: Protecting Patients and Profession (Grand EF)</td>
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<td>Innovations in Technology: Expanding Horizons for Cardiac Imaging (Grand GH)</td>
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<td></td>
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<td>ImageGuide Registry Informational Session &amp; Discussion (Addison East)</td>
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<td>311</td>
<td>Getting out of the Silo: Intersociety Collaboration (Grand CD)</td>
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<td>Choosing Wisely Challenge (Grand CD)</td>
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## PET (locations as noted)

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<tr>
<td>P</td>
<td>222</td>
<td>New Developments in Cardiovascular PET (Grand EF)</td>
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<tr>
<td>P</td>
<td>316</td>
<td>Fundamental Principles of PET (Grand EF)</td>
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<tr>
<td>P</td>
<td>321</td>
<td>Quality Cardiac PET Imaging (Addison West)</td>
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## POLICY AND PRACTICE (all sessions held in Grand EF)

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<tr>
<td>PP</td>
<td>101</td>
<td>ASNC/MedAxiom Joint Session: Developing a PET Program I</td>
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<td>1:45pm</td>
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<tr>
<td>PP</td>
<td>103</td>
<td>ASNC/MedAxiom Joint Session: Developing a PET Program II</td>
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## RESEARCH (all sessions held in Pre-assembly except as noted)

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<tr>
<td>R</td>
<td>107</td>
<td>Poster Session I</td>
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<td>R</td>
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<td>Poster Session II</td>
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<td>Poster Session III</td>
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<td>302</td>
<td>Poster Session IV</td>
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<td>R</td>
<td>309</td>
<td>Featured Oral Abstracts (Addison West)</td>
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<td>R</td>
<td>320</td>
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<td>R</td>
<td>325</td>
<td>Young Investigator Competition (Addison West)</td>
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## READ WITH THE EXPERTS (all sessions held in Grand CD except as noted)

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<tr>
<td>RE</td>
<td>104</td>
<td>Nuclear Imaging in Cardiomyopathy (Addison East)</td>
<td>3:15pm</td>
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<tr>
<td>RE</td>
<td>207A</td>
<td>PET Perfusion</td>
<td>10:30am</td>
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<tr>
<td>RE</td>
<td>207B</td>
<td>PET MBF</td>
<td>11:15am</td>
<td>12:00pm</td>
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<tr>
<td>RE</td>
<td>217A</td>
<td>99mTc-PYP Scintigraphy Amyloid Imaging</td>
<td>2:00pm</td>
<td>2:45pm</td>
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<tr>
<td>RE</td>
<td>217B</td>
<td>Non Perfusion PET</td>
<td>2:45pm</td>
<td>3:30pm</td>
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<tr>
<td>RE</td>
<td>223</td>
<td>New Technology in SPECT (Attenuation Correction, CZT)</td>
<td>4:30pm</td>
<td>6:00pm</td>
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<tr>
<td>RE</td>
<td>307</td>
<td>Nuclear Plus Cardiac CT/CTA: Value Added</td>
<td>10:30am</td>
<td>12:00pm</td>
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<tr>
<td>RE</td>
<td>317</td>
<td>Viability Assessment (SPECT and PET) (Grand AB)</td>
<td>1:30pm</td>
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<tr>
<td>RE</td>
<td>323</td>
<td>SPECT Artifacts (Grand AB)</td>
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## TECHNOLOGY AND TECHNIQUES (all sessions held in Addison East)

<table>
<thead>
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<tr>
<td>T</td>
<td>208</td>
<td>Improving Image Quality of SPECT MPI: The Devil is in the Details</td>
<td>10:30am</td>
<td>12:00pm</td>
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<tr>
<td>T</td>
<td>218</td>
<td>Disease Based Imaging</td>
<td>2:00pm</td>
<td>3:30pm</td>
</tr>
<tr>
<td>T</td>
<td>224</td>
<td>A Day in the Life of an MPI Patient</td>
<td>4:30pm</td>
<td>6:00pm</td>
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<tr>
<td>T</td>
<td>308</td>
<td>Optimal Imaging of Newer Less Common Nuclear Modalities</td>
<td>10:30am</td>
<td>12:00pm</td>
</tr>
<tr>
<td>T</td>
<td>318</td>
<td>Achieving Image Quality in Nuclear Cardiology</td>
<td>1:30pm</td>
<td>3:00pm</td>
</tr>
<tr>
<td>T</td>
<td>324</td>
<td>Radiation Reduction: Doing the Safe Thing</td>
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## Thursday, September 22, 2016

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<tr>
<td>PP</td>
<td>101</td>
<td>ASNC/MedAxiom Joint Session: Developing a PET Program I</td>
<td>12:30pm</td>
<td>1:45pm</td>
<td>Grand EF</td>
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<tr>
<td>I</td>
<td>102</td>
<td>Nuclear Cardiology in Latin America - Heart Failure</td>
<td>2:00pm</td>
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<tr>
<td>PP</td>
<td>103</td>
<td>ASNC/MedAxiom Joint Session: Developing a PET Program II</td>
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<td>Nuclear Imaging in Cardiomyopathy</td>
<td>3:15pm</td>
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<tr>
<td>PL</td>
<td>105</td>
<td>Plenary I: Alternative Payment Models and Value-Based Healthcare</td>
<td>4:00pm</td>
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<tr>
<td>I</td>
<td>106</td>
<td>Nuclear Cardiology in Asia</td>
<td>4:30pm</td>
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<td>Addison East</td>
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<tr>
<td>R</td>
<td>107</td>
<td>Poster Session I</td>
<td>6:00pm</td>
<td>7:00pm</td>
<td>Pre-Assembly</td>
</tr>
<tr>
<td>LL</td>
<td>108</td>
<td>ASNC: 2014 MOC Module 1</td>
<td>7:00pm</td>
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## Friday, September 23, 2016

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<td>Plenary Session II and Mario Verani Lecture</td>
<td>7:45am</td>
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<td>R</td>
<td>201</td>
<td>Poster Session II</td>
<td>9:30am</td>
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<tr>
<td>O</td>
<td>202</td>
<td>MACRAnomics: Is Your Practice/System Ready?</td>
<td>9:45am</td>
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<td>A</td>
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<td>Emerging Applications of Nuclear Cardiology</td>
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<td>MI</td>
<td>206</td>
<td>Patients with Established Coronary Artery Disease: Imaging to Guide Treatment</td>
<td>10:30am</td>
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<td>RE</td>
<td>207a</td>
<td>PET Perfusion</td>
<td>10:30am</td>
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<tr>
<td>RE</td>
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<td>PET MBF</td>
<td>11:15am</td>
<td>12:00pm</td>
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<tr>
<td>T</td>
<td>208</td>
<td>Improving Image Quality of SPECT MPI: The Devil is in the Details</td>
<td>10:30am</td>
<td>12:00pm</td>
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<tr>
<td>O</td>
<td>210</td>
<td>Ethics in Nuclear Cardiology: Protecting Patients and Profession</td>
<td>12:30pm</td>
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<td>Debate Session: Clash of the Titans</td>
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<td>C</td>
<td>216</td>
<td>Beyond the Imaging... and Other ECG and Hemodynamic Prognosticators</td>
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<td>RE</td>
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<td>99mTc-PYP Scintigraphy Amyloid Imaging</td>
<td>2:00pm</td>
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<td>Grand CD</td>
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<td>RE</td>
<td>217b</td>
<td>Non Perfusion PET</td>
<td>2:45pm</td>
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<td>Grand CD</td>
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<tr>
<td>T</td>
<td>218</td>
<td>Disease Based Imaging</td>
<td>2:00pm</td>
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<td>Addison East</td>
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<tr>
<td>O</td>
<td>219</td>
<td>Innovations in Technology: Expanding Horizons for Cardiac Imaging</td>
<td>3:30pm</td>
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<td>R</td>
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<td>Poster Session III</td>
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<td>MI</td>
<td>221</td>
<td>Heart Failure: Hibernation, Ischemia, Scar, Dysynchrony</td>
<td>4:30pm</td>
<td>6:00pm</td>
<td>Addison West</td>
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<tr>
<td>P</td>
<td>222</td>
<td>New Developments in Cardiovascular PET</td>
<td>4:30pm</td>
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<tr>
<td>RE</td>
<td>223</td>
<td>New Technology in SPECT (Attenuation Correction, CZT)</td>
<td>4:30pm</td>
<td>6:00pm</td>
<td>Grand CD</td>
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<td>A Day in the Life of an MPI Patient</td>
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**Saturday, September 24, 2016**

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<tr>
<td>O</td>
<td>300</td>
<td>ImageGuide Registry Informational Session &amp; Discussion</td>
<td>6:30am</td>
<td>7:45am</td>
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<tr>
<td>PL</td>
<td>301</td>
<td>Plenary Session III: Cardiovascular PET for 2016</td>
<td>7:55am</td>
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<td>Poster Session IV</td>
<td>9:30am</td>
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<td>Advances in Radiotracer Design</td>
<td>10:30am</td>
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<td>306</td>
<td>Essential Principles of Nuclear Stress Testing</td>
<td>10:30am</td>
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<td>RE</td>
<td>307</td>
<td>Nuclear Plus Cardiac CT/CTA: Value Added</td>
<td>10:30am</td>
<td>12:00pm</td>
<td>Grand CD</td>
</tr>
<tr>
<td>T</td>
<td>308</td>
<td>Optimal Imaging of Newer Less Common Nuclear Modalities (miBG, Amyloid, PET for Infection)</td>
<td>10:30am</td>
<td>12:00pm</td>
<td>Addison East</td>
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<tr>
<td>R</td>
<td>309</td>
<td>Featured Oral Abstracts</td>
<td>10:45am</td>
<td>11:45am</td>
<td>Addison West</td>
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<tr>
<td>O</td>
<td>311</td>
<td>Getting out of the Silo: Intersociety Collaboration in Advocacy and Training</td>
<td>12:15pm</td>
<td>1:15pm</td>
<td>Grand CD</td>
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<td>315</td>
<td>Pre-operative Risk Stratification in Patients with Risk Factors</td>
<td>1:30pm</td>
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<tr>
<td>P</td>
<td>316</td>
<td>Fundamental Principles of PET</td>
<td>1:30pm</td>
<td>3:00pm</td>
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<td>RE</td>
<td>317</td>
<td>Viability Assessment (SPECT and PET)</td>
<td>1:30pm</td>
<td>3:00pm</td>
<td>Grand AB</td>
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<tr>
<td>T</td>
<td>318</td>
<td>Achieving Image Quality in Nuclear Cardiology: Turning a C- Study into a B+ Study</td>
<td>1:30pm</td>
<td>3:00pm</td>
<td>Addison East</td>
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<tr>
<td>O</td>
<td>319</td>
<td>Choosing Wisely Challenge</td>
<td>3:00pm</td>
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<td>R</td>
<td>320</td>
<td>Poster Session V</td>
<td>3:00pm</td>
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<tr>
<td>P</td>
<td>321</td>
<td>Quality Cardiac PET Imaging: Acquisition, Processing and Reporting</td>
<td>4:00pm</td>
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<tr>
<td>C</td>
<td>322</td>
<td>Quantifying Myocardial Ischemia</td>
<td>4:00pm</td>
<td>5:30pm</td>
<td>Grand EF</td>
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<tr>
<td>RE</td>
<td>323</td>
<td>SPECT Artifacts</td>
<td>4:00pm</td>
<td>5:30pm</td>
<td>Grand AB</td>
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<tr>
<td>T</td>
<td>324</td>
<td>Radiation Reduction: Doing the Safe Thing</td>
<td>4:00pm</td>
<td>5:30pm</td>
<td>Addison East</td>
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<tr>
<td>R</td>
<td>325</td>
<td>Young Investigator Competition</td>
<td>5:45pm</td>
<td>7:00pm</td>
<td>Addison West</td>
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<tr>
<td>LL</td>
<td>326</td>
<td>ABIM Recertification Made Easy: Cardiovascular Disease 2016 Update</td>
<td>6:00pm</td>
<td>8:30pm</td>
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**Sunday, September 25, 2016**

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<tr>
<td>PL</td>
<td>400</td>
<td>Plenary IV: Latest Studies and Guidelines in Cardiology and Their Impact on Your Clinical Practice</td>
<td>8:00am</td>
<td>9:30am</td>
<td>Grand CD</td>
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<tr>
<td>C</td>
<td>401</td>
<td>New Developments in Assessing Coronary Artery Disease</td>
<td>9:45am</td>
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<td>MI</td>
<td>402</td>
<td>Infiltrative and Inflammatory Cardiomyopathies</td>
<td>9:45am</td>
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<td>A</td>
<td>403</td>
<td>Advances in the Assessment of Myocardial Blood Flow</td>
<td>11:00am</td>
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<tr>
<td>MI</td>
<td>404</td>
<td>Assessing Cardiac Sarcoid</td>
<td>11:00am</td>
<td>12:00pm</td>
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ASNC ORGANIZED ANCILLARY SESSIONS

SATURDAY, SEPTEMBER 24

6:15am – 7:50am | Grand GH

Women with Suspected Coronary Artery Disease: What is the Best Diagnostic Approach?

Join us for an in-depth discussion on clinical challenges nuclear cardiologists face every day in the diagnostic evaluation of women with suspected ischemic heart disease.

FACULTY: Jennifer H. Mieres, MD, MASNC
Leslee J. Shaw, PhD, MASNC

Viviany R. Taqueti, MD
James E. Udelson, MD, MASNC

This activity is supported by an educational grant from Astellas Pharma Global Development, Inc.

6:30-7:45am | Addison East

ImageGuide Registry Informational Session & Discussion

Join us for an informative session on the latest updates for the ImageGuide Registry, the impact the Registry has made at participating labs, and an update on ASNC’s guide to ImageGuide Registry research proposals.

FACULTY: Dr. Peter Tilkemeier, MD, MMM, FASNC
Dr. Mylan Cohen, MD, MPH, MASNC

Dr. Emmett Chapital, MD, MBBS, FASNC

3:00pm-4:00pm | Grand CD

Vote for the Winner of the Nuclear Cardiology Choosing Wisely® Challenge

Come listen to live presentations of the three finalists from ASNC’s Inaugural Choosing Wisely® Challenge. Audience voting will combine with a judging panel to select the top prize winner!

- An Outpatient Pathway for Chest Pain Visits to the Emergency Department Reduces Length of Stay, Radiation Exposure and Is Patient-Centered, Safe and Cost-Effective. Authors: Felix Krainski, MD, Besiana Liti, DO and William Lane Duvall, MD, MASNC

- Education to Reduce Rarely Appropriate Myocardial Perfusion Imaging. Authors: David E. Winchester, MD, FASNC, David C. Wymer, MD, Anita Wokhlu, MD, Vicente Taasan, MD, Christian Helfrich, PhD, Susan Stinson, RN, and Rebecca J. Beyth, MD, MSc

- Revision of Order Entry for Myocardial Perfusion Imaging. Author: Erica Cohen, DO, MPH

FACULTY: Raymond R. Russell, III, MD, PhD, FASNC

JUDGES: Renee Bullock-Palmer, MD, FASNC
John Held, ABIM Foundation
Todd D. Miller, MD
Maria G. Sciammarella, MD

This activity is supported by Bracco Diagnostics Inc.
Pioneering Functional Imaging in Cardiology

For more information about GE Healthcare products, please visit booth 220 and www.gehealthcare.com

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August 2016 JB42459US
Thursday, September 22

12:30PM – 1:45PM

**POLICY AND PRACTICE**

**Session 101**  ASNC/MedAxiom Joint Session: Practical Considerations for Developing a PET Program for Your Organization: The Case for Cardiovascular PET in 2016

Location: Grand EF  CME: 1.0; CE: 1.0

**Moderators:** Manuel D. Cerqueira, MD, MASNC; A. Iain McGhie, MD

12:30PM  **Volume to Value: It is Not Your Father’s Automobile Anymore**
Larry Sobat, MBA, MHA

12:45PM  **Cardiovascular PET: The Time is Right**
Timothy M. Bateman, MD, MASNC

1:15PM  **Cardiac PET from a Clinician’s Perspective**
Jeffrey A. Rosenblatt, MD, FASNC

2:00PM – 3:00PM

**INTERNATIONAL**

**Session 102**  Nuclear Cardiology in Latin America – Heart Failure

Location: Addison East  CME: 1.0; CE: .75

**Moderator:** Maria Cecilia Ziadi, MD

2:00PM  **Welcome**
Erick Alexanderson, MD; João Vitola, MD, PhD

2:05PM  **Ischemic Heart Disease in Latin America – How Can Nuclear Cardiology Help?**
Fernando Mut, MD

2:20PM  **Aging of the Population and Increasing Heart Failure in Latin America**
Amalia T. Peix Gonzales, MD, PhD

2:35PM  **MIBG Use in Latin America**
Gabriel B. Grossman, MD, PhD, FASNC

2:50PM  **Panel Discussion**

2:00PM – 3:30PM

**POLICY AND PRACTICE**

**Session 103**  ASNC/MedAxiom Joint Session: Practical Considerations for Developing a PET Program for Your Organization – Current State of Cardiovascular PET and Into the Future

Location: Grand EF  CME: 1.25; CE: 1.0

**Moderators:** E. Gordon DePuey, MD, MASNC; David G. Wolinsky, MD, MASNC

2:00PM  **Start Up Strategies**
Gary V. Heller, MD, PhD, MASNC

2:15PM  **Staffing, Space and Scheduling**
Lisa A. Oakes, RN

2:30PM  **Available Tracers Including Rb-82, FDG and Flurpiridaz**
Robert A. deKemp, PhD

2:45PM  **Reimbursement and Prior Authorization for Cardiovascular PET**
Denise A. Merlino, CNMT

3:00PM  **Panel Discussion**

3:15PM – 4:15PM

**INTERNATIONAL**

**Session 104**  Nuclear Imaging in Cardiomyopathy

Location: Addison East  CME: 1.0; CE: 1.0

**Moderator:** Erick Alexanderson, MD

**Panelists:** Jose A. Marin-Neto, MD; João Vitola, MD, PhD

**Case Presenters:** Maria G. Sciammarella, MD; Maria Cecilia Ziadi, MD

4:00PM – 5:45PM

**PLENARY**

**Session 105**  Alternative Payment Models and Value-Based Healthcare: What Does it Mean for Cardiovascular Imaging

Location: Grand EF  CME: 1.75; CE: 1.5

**Moderators:** Gregory S. Thomas, MD, MPH, MASNC; William A. Van Decker, MD, MASNC

4:00PM  **MACRA, MIPS, APMs – Coming Payment Changes**
Valinda Rutledge, MBA, MS

4:15PM  **The American College of Cardiology Perspective**
Richard A. Chazal, MD

4:30PM  **Constructing Cardiology Episodes: HCP-LANs Cardiac Payment Care Model**
Jason H. Wasfy, MD

4:45PM  **Constructing Cardiac Episodes: CMMIs Bundled Care Initiative – Lessons Learned from PCI and CABG**
Gregory S. Thomas, MD, MPH, MASNC

5:00PM  **Practice Prep: Getting Your Practice Ready for Value Based Payments**
Cathie Biga

5:15PM  **System-wide Survey: Clinical Imperatives for Physicians in a New Payment Paradigm**
Angelo Sinopoli, MD

5:30PM  **Questions and Answers**

4:30PM – 5:30PM

**INTERNATIONAL**

**Session 106**  Nuclear Cardiology in Asia

Location: Addison East  CME: 1.0; CE: 1.0

**Moderator:** Keiichiro Yoshinaga, MD, PhD
4:30PM Increasing Cardiovascular Disease in Asia and Potential for Nuclear Cardiology
Felix Keng, MD, FASNC

4:50PM Challenges and Opportunities for Nuclear Cardiology and Cardiac CT in China
Zuo-Xiang He, MD

5:10PM Challenges and Opportunities for Nuclear Cardiology and Cardiac CT in India
Vikram R. Lele, MD

6:00PM – 7:00PM

RESEARCH

Session 107 Poster Session I
Location: Pre-Assembly
Poster Discussants: Rami Doukkly, MD, FASNC; David E. Winchester, MD, FASNC

107-01 Inflammation and Tissue Factor in Carotid Atherosclerosis
M. Ørbæk, R. S. Ripa*, S. F. Pedersen, M. Grabe, H. Sillesen, A. Kjær

107-02 Clinical Features of Patients with Positive 99mTc-Pyrophosphate (PYP) Scans for Transthyretin-Related Cardiac Amyloidosis
C. Nør*, Z. Ghaznavi, G. R. Berengi, A. Warner

107-03 Cardiac Motion Corrected Imaging of Aortic Valve Using 18F-NaF by hybrid PET-MR for Aortic Stenosis

107-04 Heart of Africa
H. R. Patlolla*, N. Kavalipati, V. Joshi, D. Lubel

107-05 Equipment Vintage Reflects a Commitment to Quality: Assessment from Institutions Applying for Both IAC Echocardiography and Nuclear/PET Accreditation

107-06 Gender Differences in the Diagnostic Accuracy of SPECT Myocardial Perfusion Imaging in a Cuban Population

107-07 Duke Score, Calcium Score and Myocardial Perfusion Imaging in Prognostic Assessment. Which is Better? A Pilot Study
K. Padron*, A. Peix, L. Cabrera, R. Herrera, M. Montero, R. Carillo, E. Mena, Y. Fernandez, K. Fernandez

107-08 Relationship Between the Cardiac and Extra-cardiac Inflammation Burden Using the Volume Estimation of FDG PET/CT in Patients With Sarcoidosis
O. Manabe, K. Yoshinaga*, H. Ohira, I. Tsujino, N. Oyama-Manabe, M. Nishimura, N. Tamaki

107-09 Prediction of Coronary Artery Calcium Progression With FDG Uptake in Large Arteries
S. Cho*, K. Park, Y. Kim, J. Jabin, J. Kim, S. Kang, S. Kwon, H. Bom

107-10 Diagnostic Accuracy of Clinical Criteria Used to Detect Cardiac Sarcoidosis Among Patients Referred for Cardiac FDG PET and MRI

107-11 18F-Fluorodeoxyglucose PET/CT is a Sensitive and Specific Test for Diagnosis of Prosthetic Valve and Cardiac Implantable Electrical Device Infective Endocarditis

107-13 Coronary Flow Reserve in Patients with D-Transposition of the Great Arteries Following Arterial Switch Operation with Coronary Reimplantation
9:30AM – 10:30AM

**RESEARCH**

**Session 201  Poster Session II**

**Location:** Pre-Assembly  
**CME:** 1.0; **CE:** 0

**Poster Discussants:** Andrew J. Einstein, MD, PhD, FASNC; Gregory S. Thomas, MD, MPH, MASNC

**201-01** Myocardial Perfusion Scan Findings in Patients Requiring CABG  
A. Parashar*, N. Jarmukli

**201-02** Comparison of Nuclear Stress Imaging Interpretation on Inviia’s Corridor 4DMSPECT Standalone and Remote Software Resolutions - A Quality Improvement Project  
Z. A. Khan*, R. F. Njoh, M. Price, J. P. Gaughan, R. Cha

**201-03** Amount of Viable Myocardium Assessed by Combining 99mTc-MIBI SPECT and 18F-FDG PET Enable to Predict Left Ventricular EF Improvement and Left Ventricular Volume Reduction After Coronary Artery Bypass Surgery  
Y. Wang*, Y. Yang

**201-04** SPECT-MPI Parameters as Predictors of Obstructive Coronary Artery Disease  
A. Srivastava*; G. A. Medranda, C. Healey, R. Calixte, K. Marzo, Z. Williams, B. Ray

**201-05** Development and Validation of a Quantification Toolkit to Diagnose Apical Hypertrophic Cardiomyopathy from Gated SPECT MPI  
Y. Zhou, Y. Xu, C. Wang, Z. Jiang, L. Tang, D. Li, G. Hung, W. Zhou*

**201-06** Outpatient Stress Test Evaluation of Low Risk Chest Pain After Emergency Department Assessment  
B. Liti*, A. Ahlberg, W. Perucki, A. Kumar, W. Duvall

**201-07** The Impact of Attenuation Correction on Clinical Decision-Making and the Cost of Downstream Testing on Inpatients Undergoing SPECT MPI  
A. Elfar*, S. Gowdar, N. Hussain, A. Ahlberg, W. Duvall

**201-08** Is there Regional Variability of Radiation Exposure Amongst Cardiac PET Laboratories in the United States?  
M. C. Desiderio*, J. B. Niggel, F. K. Keating

**201-09** Initial Cardiac Testing for Patients Presenting in the Emergency Department and Association with Downstream Testing and Costs: Insights from the Premier Database  

**201-10** Specialty Specific and Multimodality Education to De-Implement Rarely Appropriate Myocardial Perfusion Imaging  
D. E. Winchester*, C. D. Heffrich, S. Strinor, R. J. Beyth

**201-11** Downstream Testing after Positron Emission Tomography as Compared to Single Photon Emission Computed Tomography in Patients with Suspected Coronary Artery Disease  
L. Bergman*, B. Pulford, S. Saucier, S. Nair, G. Heller, J. Lundbye

**201-12** NOTE: THIS ABSTRACT WILL BE PRESENTED AT THE END OF SESSION 320. Interpretation of Single Photon Emission Computed Tomography, Myocardial Perfusion Imaging in Non-Dominant Right Coronary Artery Anatomy: A Hypothesis Generating Study  
A. O. Malik*, O. Abele, S. Devabhaktuni, G. Allenback, C. Ahsan, J. Diep

**201-13** How to Achieve Patient-Centered Cardiac Testing: Role of Protocol Nurses  
P. N. Salimi*, J. B. Niggel, F. K. Keating

9:30AM – 4:30PM

**Expo Hall Open**

Location: Royal Palm Ballroom

9:45AM – 10:30AM

**OTHER**

**Session 202  MACRAnomics: Is Your Practice/System Ready?**

**Location:** Grand GH  
**CME:** .75; **CE:** .5

**Presenters:** Cathie Biga, Georgia L. Hearn, JD

10:30AM – 12:00PM

**ADVANCED**

**Session 205  Emerging Applications of Nuclear Cardiology**

**Location:** Grand AB  
**CME:** 1.5; **CE:** 1.25

**Moderators:** Christopher L. Hansen, MD, FASNC; Ami E. Iskandrian, MD, MASNC

10:30AM   Detection of Device Infection and Endocarditis  
Vasken Dilsizian, MD

10:50AM   Detection and Management of Infiltrative Cardiomyopathy  
Sharmila Dorbala, MD, FASNC

11:10AM   Imaging Electrically Vulnerable Myocardium  
Mark I. Travin, MD, FASNC

11:30AM   Dyssynchrony  
Prem Soman, MD, PhD, FASNC

11:50AM   Panel Discussion

**MULTIMODALITY IMAGING**

**Session 206  Patients with Established Coronary Artery Disease: Imaging to Guide Treatment (OMT/Revascularization)**

**Location:** Addison West  
**CME:** 1.5; **CE:** 1.25

**Moderators:** Benjamin Chow, MD, FASNC; L. Samuel Wann, MD

10:30AM   CT  
Benjamin Chow, MD, FASNC

10:45AM   PET/SPECT  
Todd D. Miller, MD

11:00AM   ETT/Prevention Without Testing  
Raymond J. Gibbons, MD

11:15AM   The Role of IVUS  
Samir Kapadia, MD
11:30AM  Stress Echo  
  L. Samuel Wann, MD

11:45AM  Panel Discussion  

Session 207A PET Perfusion  
10:30AM – 11:15AM  
Location: Grand CD  
CME: .75; CE: .75  
Moderators: Dominique Delbeke, MD, PhD; Jeffrey A. Rosenblatt, MD, FASNC  
Panelists: Robert A. deKemp, PhD; Justin B. Lundbye, MD, FASNC  
Case Presenter: Viviany R. Taqueti, MD, MPH

Session 207B PET MBF  
11:15AM – 12:00PM  
Location: Grand CD  
CME: .75; CE: .75  
Moderators: Dominique Delbeke, MD, PhD; Jeffrey A. Rosenblatt, MD, FASNC  
Panelists: Robert A. deKemp, PhD; Justin B. Lundbye, MD, FASNC  
Case Presenter: Panithaya Chareonthaitawee, MD

Session 208  Improving Image Quality of SPECT MPI: The Devil is in the Details  
Location: Addison East  
CME: 1.5; CE: 1.5  
Moderators: Alia Abdel Fattah, MD, FASNC; Timothy L. Dunn, CNMT  
10:30AM  Quality Control Requirements are Still a Thing  
  Eric J. Schockling, CNMT

11:00AM  Acquisition Standards in a Radiation Reduction Era  
  Jaime Warren, MBA, CNMT

11:30AM  Processing Standards in a World of New Software  
  Robert A. Pagranelle, CNMT, RT(N)(R), NCT, FASNC

12:30PM – 1:30PM  

Session 210  Ethics in Nuclear Cardiology: Protecting our Patients, Protecting our Profession (Case-based)  
Location: Grand EF  
CME: 1.0; CE: 1.0  
Podium Moderator: Andrew J. Einstein, MD, PhD, FASNC  
Audience Moderators: Manuel O. Cerqueira, MD, MASNC; Gregory S. Thomas, MD, MPH, MASNC  
Panelists: Richard A. Chazal, MD; Stephen A. Stowers, MD; Kim A. Williams Sr., MD, MASNC  
12:30PM  Alleged Inappropriate Imaging and Intervention in Cardiology: Recent Cases and Ethical Challenges  
  Neal W. Dickert Jr., MD, PhD

12:40PM  Panel Discussion Followed by Audience Discussion  
1:00PM  Reducing Radiation to Patients in the Real World: Clinical Considerations and Ethical Obligations  
  Stephen A. Bloom, MD, FASNC

1:10PM  Panel Discussion Followed by Audience Discussion  

Session 215  Debate Session: Clash of the Titans  
Location: Grand AB  
CME: 1.5; CE: 1.5  
Moderators: Robert J. Gropler, MD, FASNC; Barry L. Zaret, MD, MASNC  
2:00PM  CVMI: White Horse or White Elephant?  
  White Horse (2:00PM)  
  Albert J. Sinusas, MD, FASNC  
  White Elephant (2:10PM)  
  Manuel D. Cerqueira, MD, MASNC

2:30PM  CTA Will Replace SPECT  
  Pro (2:30PM)  
  Daniel S. Berman, MD, MASNC  
  Con (2:40PM)  
  Christopher L. Hansen, MD, FASNC

3:00PM  PET-MPI vs. SPECT-MPI: Necessity or Extravagance?  
  Necessity (3:00PM)  
  Mouaz H. Al-Mallah, MD, FASNC  
  Extravagance (3:10PM)  
  Prem Soman, MD, PhD, FASNC

3:20PM  Panel Discussion Followed by Audience Discussion  

Session 216  Beyond the Imaging... and Other ECG and Hemodynamic Prognosticators: A Case-based Session  
Location: Grand EF  
CME: 1.5; CE: 1.25  
Moderators: Mylan C. Cohen, MD, MPH, MASNC; Divakar Jain, MD, FASNC  
2:00PM  Interpreting ST Changes During Exercise: Exercise vs. Pharm, Gender Differences  
  John Wells Askew, MD, FASNC

2:20PM  Heart Rate Reserve, Duke Treadmill Score and Other Prognostic Measures  
  Gregory S. Thomas, MD, MPH, MASNC

2:40PM  Hemodynamic Changes During Exercise  
  Mylan C. Cohen, MD, MPH, MASNC

3:00PM  What Constitutes an Equivocal Exercise Tolerance Test, and When is Further Testing Warranted  
  Aiden Abidov, MD, PhD

3:20PM  Panel Discussion

Session 217A  99mTc-PYP Scintigraphy Amyloid Imaging  
2:00PM – 2:45PM  
Location: Grand CD  
CME: .75; CE: .75  
Moderators: Philipp A. Kaufmann, MD; Terence D. Ruddy, MD  
Panelists: Wael AlJaroudi, MD, FASNC; Wael A. Jaber, MD  
Case Presenter: Suman Tandon, MD, FASNC
Friday, September 23 (cont.)

**RE**

**Program Schedule**

### Session 217B Non Perfusion PET: Inflammation/Infection/Surgical Assessment for Valvular HD

- **Time**: 2:45PM – 3:30PM
- **Location**: Grand CD
- **Moderators**: Philipp A. Kaufmann, MD; Terrence D. Ruddy, MD
- **Panelists**: Wael AlJaroudi, MD, FASNC; Wael A. Jaber, MD
- **Case Presenter**: Hicham Skali, MD

### Session 218 Disease Based Imaging

- **Time**: 2:00PM – 3:00PM
- **Location**: Addison East
- **Moderators**: S. James Cullom, PhD; April Mann, MBA, CNMT, RT(N), FASNC
- **Presentations**:
  - **2:00PM** Imaging for Advanced Coronary Disease
    - Mehran Sadeghi, MD
  - **2:30PM** Imaging in Heart Failure
    - Mark I. Travis, MD, FASNC
  - **3:00PM** Amyloid Imaging
    - Sabahat Bokhari, MD

### Session 219 Innovations in Technology: Expanding Horizons for Cardiac Imaging

- **Time**: 3:30PM – 4:30PM
- **Location**: Grand GH
- **Moderators**: Rami Doukky, MD, FASNC; Peter Tilkemeier, MD, FASNC
- **Presentations**:
  - **3:30PM** Machine Learning: New Frontiers in Nuclear Cardiology
    - Piotr Slomka, PhD
  - **3:45PM** Big data, Big Results: Image Guide and the Role of Registries
    - Peter Tilkemeier, MD, FASNC
  - **4:00PM** Big Data and Super Computers: Implications in Nuclear Cardiology
    - Eliot L. Siegel, MD
  - **4:15PM** Decision Support: Using Technology to Break out of the Mundane
    - Rami Doukky, MD, FASNC

### Session 220 Poster Session III

- **Time**: 2:00PM – 5:00PM
- **Location**: Pre-Assembly
- **Moderators**: Aila Abdel-Fattah, MD, FASNC; Jamie O. Bourque, MD, FASNC
- **Presentations**:
  - **220-01** Coronary Artery Occlusions Detected by Rb-82 PET/CT Confirmed by X-ray Contrast Arteriography
    - A. Van Tosh*, N. Reichel, C. Pajuma, M. Cochet, C. Palestro, K. Nichols
  - **220-02** Risk Stratification with Vasodilator Stress MPI in Patients with Elevated Cardiac Biomarkers
    - S. Goxdar*, A. Ahlberg, K. Felpel, W. Perucki, E. Alter, J. Savino, M. Henzlova, W. L. Duval
  - **220-03** Long Term Follow up of Obese Patients with Normal and Low Risk Myocardial Perfusion Imaging To 99 MIBI Spect Studies (MPS)
  - **220-04** Myocardial Perfusion Imaging for the Patients with Insufficient Fractional Flow Reserve after Drug Eluting Stent Implantation
    - S. Fukuzawa*, S. Okino, N. Kuroiwa, T. Uchiyama, M. Inagaki
  - **220-05** Transient Ischemic Dilatation Indices Suggestive of Left Main/Triple Vessel Disease in Regadenoson Rb82 PET/CT
  - **220-06** Females Have Higher Resting Myocardial Blood Flow than Men Despite Disparate Coronary Artery Calcium Burdens
  - **220-07** Global Resting Myocardial Blood Flow is Not Appreciably Changed by Coronary Calcium Burden in Non-Ischemic Patients
  - **220-08** Medical Radiation Exposure and Cancer Risk During Evaluation of Acute Chest Pain
    - D. E. Winchester*, D. J. Cordiner, B. Allen, M. Al-Ari, D. O. Wymer
  - **220-09** Revascularization and Outcomes in Veterans with Moderate-Severe Myocardial Ischemia
    - D. E. Winchester*, A. J. Bolanos, A. Wokhi, R. J. Beyth, L. J. Shaw
  - **220-10** Prognostic Value of Left Ventricular Mechanical Dyssynchrony Measured Using Myocardial SPECT in Patients with Acute Myocardial Infarction with Multi-Vessel Disease
    - S. Cho*, Z. Jabin, J. Kim, H. Song, S. Kwon, J. Kim, J. Min, H. Born
  - **220-11** A Simple and Effective Model for Prediction of Cardiac Death After Adenosine Myocardial Perfusion SPECT Based on Machine Learning
    - D. Haro Alonso*, M. Wernick, Y. Yang, G. Germano, D. S. Berman, P. Slomka
  - **220-12** Using Genetic Artificial Intelligence Algorithms for Determining Optimal Management of Patients Undergoing Cardiac PET Imaging
    - P. O. Case*, T. M. Bateman, S. Courter, J. Jensen, J. A. Case
Saturday, September 24

6:30AM – 7:45AM

Session 300 ImageGuide Registry Informational Session & Discussion
Location: Addison East
(Additional information can be found on page 12)

7:55AM – 9:30AM

PL

PLENARY

Session 301 Plenary III: Cardiovascular PET for 2016
Location: Grand EF
CME: 1.0; CE: 1.0
Moderators: Dominique Delbeke, MD, PhD; E. Gordon DePuey, MD, MASNC

7:55AM Recognition of New FASNC and MASNC Members and JNC Award Recipients
E. Gordon DePuey, MD, MASNC; Ami Iskandrian, MD, MASNC

8:00AM Update from ASNC's PET Task Force Focus on Cardiovascular PET
Gary V. Heller, MD, PhD, MASNC

8:10AM Clinical PET Perfusion: Practice and ASNC/SNMMI Joint Statement
Timothy M. Bateman, MD, MASNC

8:30AM Practical Myocardial Blood Flow Assessment Now
Rob S.B. Beanlands, MD, FASNC

8:45AM New Directions: Cardiovascular PET Imaging of Infection/Inflammation
Vasken Dilsizian, MD

9:00AM Roundtable Discussion on Implementation of PET

9:30AM – 10:30AM

R

RESEARCH

Session 302 Poster Session IV
Location: Pre-Assembly
CME: 1.0; CE: 0
Poster Discussant: W. Lane Duvall, MD

302-01 The Impact of Tachycardia or Bradycardia on the Measurements of Left Ventricular Volume and Ejection Fraction by Gated SPECT MPI: Validation by Dynamic Cardiac Phantom
G. Hung*, T. Pan, P. J. Shtmka

302-02 Phase Analysis Single Photon Emission Tomography (SPECT) Myocardial Perfusion Imaging (MPI) Detects Dyssynchrony in Myocardial Scar

302-03 Effect of TOF and PSF Modeling on MBF and CFR Estimates from 82Rb Cardiac PET of Large Patients
P. K. R. Dasari*, J. P. Jones, M. E. Casey, V. Dilsizian, M. F. Smith
Saturday, September 24

**PROGRAM SCHEDULE**

### 302-04
A Comparative Study of Half Time Versus Full Time IQSPECT Acquisition in Patients Receiving Half the Standard Weight Based Dose
S. Panchadar*, G. Biswas, Y. Al Sayed, M. Garashi

### 302-05
Initial Validation of a Highly Automated Superconducting Mini-Cyclotron for Decentralized Production of 13N-Ammonia

### 302-06
Association Between the Degree of Left Ventricular Dyssynchrony, QRS Duration and the Septal Perfusion Defect in Patients with Left Bundle Branch Block
A. Elfar*, S. Gowdar, A. Ahlberg, G. Heald, J. Gerlach, P. Slomka, W. Duvall

### 302-07
Does Automatic Tube-current (mA) Modulation Reduce Effective Radiation Dose from CT Transmission Scan in Cardiac PET/CT?

### 302-08
Automatic Valve Plane Localization in Solid-state Myocardial Perfusion SPECT Images by Machine Learning: Anatomical and Diagnostic Validation
J. A. Betancur*, M. Rubeaux, T. Fuchs, Y. Otaki, G. Germano, D. Berman, P. Kaufmann, P. Slomka

### 302-09
Intra-individual Comparison of Left Ventricular Ejection Fraction and Volumes Derived from Solid State and Anger Camera SPECT Imaging
M. Trybula*, C. Pray, A. Althouise, J. Dietz, P. Soman

### 302-10
What is the Reported Radiation Dosage for Cardiac PET Imaging in 119 Accredited Laboratories in The United States?
J. B. Lundbye*, M. Desiderio, S. Saucier, C. I. Coleman, W. L. Baker

### 302-11
Image-Based Motion Correction in the Long-Axis of the Blood Pool Phase of Dynamic PET Data Using Blood Pool Isolation
B. C. Lee*, J. B. Moody, V. L. Murthy, J. R. Corbett, E. P. Ficaro

### 302-12
Noninvasive PET Quantitative Myocardial Blood Flow with Regadenoson for Assessing Cardiac Allograft Vasculopathy Blood Flow in Orthotopic Heart Transplant Patients

### 302-13
Effects of Delayed Venous Tracer Transit on Count Losses During Dynamic Rb-82 PET

### 302-14
Phantom Study of a Misregistration Correction Technique Using Iterative Reprojection of Reconstructed PET Volumes
J. A. Case*, I. McGhie, S. A. Courter, E. V. Burgett, P. Helmuth, T. M. Bateman

### 302-15
Coronary Flow Reserve in Obese Patients
L. Young, B. Tamarappoo*, B. Serry, M. Cerqueira, R. Hachanovich

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**9:30AM - 3:00PM**

**Expo Hall Open**

**Location:** Royal Palm Ballroom

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**10:30AM – 12:00PM**

**A**

**ADVANCED**

**Session 305** Advances in Radiotracer Design

**Location:** Grand AB

**CME: 1.5; CE: 1.25**

**Moderators:** Robert J. Gropler, MD, FASNC; Albert J. Sinusas, MD, FASNC

- **10:30AM** Imaging of Arrhythmogenic Potential
  Mark I. Travin, MD, FASNC

- **10:50AM** Imaging Myocardial Inflammation and Fibrosis
  Robert J. Gropler, MD, FASNC

- **11:10AM** Imaging Molecular Mechanisms of Heart Failure
  Albert J. Sinusas, MD, FASNC

- **11:30AM** Imaging Vascular Biology
  Mehran Sadeghi, MD

- **11:50AM** Panel Discussion

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**Session 306** Essential Principles of Nuclear Stress Testing

**Location:** Grand EF

**CME: 1.5; CE: 1.25**

**Moderators:** Aiden Abidov, MD, PhD; Peter Tilkemeier, MD, FASNC

- **10:30AM** What to Stress and not to Stress: Case-based Discussion of Safety and Appropriateness
  Stephen Horgan, MB BCh, PhD

- **10:50AM** Stress Testing and Stress Protocols: Update from the New Guidelines
  Milena J. Henzlova, MD, PhD

- **11:10AM** Case-based Approach to Stress Protocols
  Thomas A. Holly, MD, FASNC

- **11:30AM** How to Effectively Communicate Results
  R. Parker Ward, MD, FASNC

- **11:50AM** Panel Discussion

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**Session 307** Nuclear Plus Cardiac CT/CTA: Value Added

**Location:** Grand CD

**CME: 1.5; CE: 1.5**

**Moderators:** Adel H. Allam, MD, FASNC; L. Samuel Wann, MD

**Panelists:** Mouaz H Al-Mallah, MD, FASNC; Ricardo C Cury, MD

**Case Presenters:** Firas Al Badarin, MD; Benjamin Chow, MD, FASNC

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**Session 308** Optimal Imaging of Newer Less Common Nuclear Modalities (MIBG, Amyloid, PET for Infection)

**Location:** Addison East

**CME: 1.5; CE: 1.5**

**Moderator:** Timothy L. Dunn, CNMT

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www.asnc.org/ASNC2016
10:30AM  Patient Preparation
Nancy P. Coats, RN

11:00AM  Patient Acquisition and Processing
Robert A. Pagnanelli, CNMT, RT(N)(R), NCT, FASNC

11:30AM  Reporting, Clinical Use
Edward J. Miller, MD, PhD, FASNC

10:45AM – 11:45AM

**Research**

Session 309  Featured Oral Abstracts

**Location:** Addison West  
**CME:** 1.0; **CE:** 1.0  
**Moderator:** Todd D. Miller, MD

10:45AM  309-01 Exercise Stress Testing with Flurpiridaz F-18 PET and Tc99m SPECT Myocardial Perfusion Imaging for the Assessment of CAD: A Subset Analysis of the Flurpiridaz F-18 301 Phase 3 Study

11:00AM  309-02 Time Dependence of Myocardial Blood Flow Reserve Measurements Following Regadenoson Rubidium-82 Myocardial Perfusion PET: New Data Supporting a Longer Infusion Delay
T. M. Bateman*, J. A. Case, S. A. Courter, J. Jensen, E. V. Burgett, S. Van Vickle

11:15AM  309-03 Machine Learning Optimally Predicts Major Adverse Cardiac Events after High-speed Myocardial Perfusion SPECT
Y. Otaki*, J. Betancur, M. B. Fish, M. Lemley, D. Dey, G. Germano, D. S. Berman, P. J. Slomka

11:30AM  309-04 Preliminary Comparison of a Novel Free Fatty Acid PET Tracer F18 FCPHA with SPECT in the Identification of CAD
G. V. Heller*, V. Rolants, M. D. Cerqueira, R. Hustinx, S. Goldman, O. Gheyssens

12:15PM – 1:15PM

**Other**

Session 311  Getting out of the Silo: Intersociety Collaboration in Advocacy and Training

**Location:** Grand CD  
**CME:** 1.0; **CE:** .75  
**Moderators:** Edward J. Miller, MD, PhD, FASNC; Raymond R. Russell III, MD, PhD, FASNC

12:15PM  The Future of Nuclear Cardiology and Multimodality Board Exams
Robert J. Gropler, MD, FASNC

12:25PM  Education and Imaging Advocacy – the SCCT Perspective
Ricardo C. Curvi, MD

12:35PM  Education and Imaging Advocacy – the ASE Perspective
Allan L. Klein, MD

12:45PM  Education and Imaging Advocacy – the SCMR Perspective
Victor A. Ferrari, MD

12:55PM  How to Combine all our Efforts Together: the ACC Perspective
Kim A Williams Sr., MD, MASNC

1:05PM  Panel Discussion

1:30PM – 3:00PM

**Multimodality Imaging**

Session 315  Pre-operative Risk Stratification in Patients with Risk Factors

**Location:** Addison West  
**CME:** 1.5; **CE:** 1.5  
**Moderators:** Rami Doukkly, MD, FASNC; Ronald G. Schwartz, MD, FASNC

1:30PM  Medical Therapy without Imaging
Mylan C. Cohen, MD, MPH, MASNC

1:45PM  Exercise Tolerance Test
Venu Menon, MD

2:00PM  PET/SPECT
Jeffrey A. Leppo, MD, MASNC

2:15PM  Debate with Faculty

1:30PM – 3:00PM

**PET**

Session 316  Fundamental Principles of PET

**Location:** Grand EF  
**CME:** 1.0; **CE:** 1.25  
**Moderators:** Dennis A. Calnon, MD, FASNC; Vikas Veeranna, MD

1:30PM  What You Need to Know in Establishing Cardiovascular PET in Your Practice
Gary V. Heller, MD, PhD, FASNC

1:50PM  Commercially Available Tracers and How to Use Them
Panithaya Chareonthaitawee, MD

2:30PM  Quantifying CFR: How and When to Use It
Venkatesh L. Murthy, MD, PhD, FASNC

2:50PM  Panel Discussion

1:30PM – 3:00PM

**RWTE**

Session 317  Viability Assessment (SPECT and PET)

**Location:** Grand AB  
**CME:** 1.5; **CE:** 1.5  
**Moderator:** Leslee J. Shaw, PhD, MASNC  
**Panelists:** James A. Arrighi, MD, MASNC; Myron C. Gerson, MD, MASNC

**Case Presenters:** Anwar Al.Banna, MD; Terrence D. Ruddy, MD

1:30PM – 3:00PM

**Technology & Techniques**

Session 318  Achieving Image Quality in Nuclear Cardiology: Turning a C-study into a B+ Study

**Location:** Addison East  
**CME:** 1.5; **CE:** 1.5  
**Moderator and Case Presenter:** Eric J. Schockling, CNMT  
**Panelists:** The Physician Perspective - W. Lane DuVall, MD
PROGRAM SCHEDULE

Saturday, September 24 (cont.)

The Technologist Perspective - Robert A. Pagnanelli, CNMT, RT(R), NCT, FASNC
The Nursing Perspective - Lisa A. Oakes, RN

3:00PM – 4:00PM

Session 319 Nuclear Cardiology Choosing Wisely Challenge
Location: Grand CD  CME: 0; CE: 0
Moderator: Raymond R. Russell, III, MD, PhD, FASNC
Panelist/Judges: Renee Bullock-Palmer, MD, FASNC; John Held; Maria G. Sciammarella, MD; Todd D. Miller, MD
(Additional information can be found on page 12)

Sponsored by Bracco Diagnostics

RESEARCH

Session 320 Poster Session V
Location: Pre-Assembly  CME: 1.0; CE: 0
Poster Discussants: Ernest V. Garcia, PhD, MASNC; David G. Wolinsky, MD, MASNC

320-01  Sequential Assessment of the Systemic Right Ventricle in Congenitally Corrected Transposition of the Great Arteries (ccTGA)
M. Riahi, J. Grewal, A. Claman, M. Dvir, J. Leipsic, D. Human, S. Shakrabarti, M. Kieß*

320-02  Sequential Assessment of the Systemic Right Ventricle in Patients Post Atrial Switch for Transposition of the Great Arteries
M. Riahi, J. Grewal, A. Claman, M. Dvir, S. Shakrabarti, D. Human, J. Leipsic, M. Kieß*

320-03  Correlation Between Cardiac Magnetic Resonance and Multicoated Ventriculography for Assessment of the Systemic Right Ventricle in Patients with Transposition of the Great Arteries
M. Riahi, J. Grewal, A. Claman, M. Dvir, S. Shakrabarti, D. Human, J. Leipsic, M. Kieß*

320-04  Correlation Between Pre-transplant Arterial Physiologic Testing and Stress Testing in Predicting Mortality in Kidney Transplant Recipients

320-05  CT-derived Subendocardial-subepicardial Perfusion Gradients are Associated with Aortic Stenosis Severity in Patients with Normal Coronaries and Preserved LVEF
N. E. Boutagy*, A. Teipal, J. C. Stendahl, S. Huber, J. K. Forest, A. J. Sinusas

320-06  PET Sarcoid Imaging Perfusion Abnormalities Suggestive of Scar; a PET-Echo Comparative Study
B. Tamarappoo*, B. Sperry, L. Young, R. Brunken, M. Cerqueira, R. Hachamovitch

320-07  Prevalence of Isolated Cardiac Sarcoidosis Based on Whole-Body and Multi-Modality Cardiac Imaging

320-08  Hidden Atherosclerosis Manifested as Non-coronary Vascular Calcification is Common Among Patients with Negative Myocardial Perfusion Imaging and no Coronary Calcium – Horus Study Group

320-09  Coronary Computed Tomography Angiography Cannot Improve In-hospital Outcome in Patients with Clinically Significant Ischemia Undergoing Percutaneous Coronary Intervention: A Report from the Multicenter Registry
J. Fujita*, S. Koshsaka, I. Ueda, Y. Maekawa, K. Fukuda

320-10  Utility of Clinical Data on Improving Interpretative Accuracy of SPECT MPI

320-11  Usefulness of Adenosine Triphosphate Stress 99mTc-Methoxy-isobutylisonitride Gated Myocardial Perfusion Imaging in Evaluating Stent Restenosis After Coronary Stent Implantation
L. Wang*, P. Zhang, S. Chen, G. Du, Y. Sun, Y. Li

320-12  Diagnostic Significance of “Reverse Redistribution” Pattern Using Technetium 99m Based Agents in SPECT Myocardial Perfusion Imaging
I. Fughn*, K. Parkh, A. Das, J. Harris, A. W. Appis, R. Doukky, C. J. Bai*

4:00PM – 5:00PM

PET

Session 321 Quality Cardiac PET Imaging: Acquisition, Processing and Reporting
Location: Addison West  CME: 1.0; CE: 1.0
Moderators: Billy Dean Glanzer, CNMT, RT(R(R), MBA; Piotr J. Slomka, PhD

4:00PM  Quality Cardiac PET Imaging: Principles of PET Image Quality and Origins of PET Artifacts
Mark F. Smith, PhD

4:20PM  Quality Cardiac PET Imaging: Practical Strategies for Preventing and Correcting Artifacts
Billy Dean Glanzer, CNMT, RT(R(R), MBA

4:40PM  Quality Cardiac PET Imaging: A Physician’s Perspective
Dennis A. Calnon, MD, FASNC

4:00PM – 5:30PM

CORE

Session 322 Quantifying Myocardial Ischemia
Location: Grand EF  CME: 1.5; CE: 1.25
Moderators: Rory Hachamovitch, MD; Thomas A. Holly, MD, FASNC

4:00PM  Why is Quantifying the Amount of Ischemia Important?
Rory Hachamovitch, MD

4:20PM  Visual and Semi-quantitative Methods: How to Use Them
Lawrence M. Phillips, MD, FASNC

4:40PM  Quantitative PET and SPECT to Assess CFR
Terrence D. Ruddy, MD

5:00PM  How do Imaging Techniques Compare in Quantifying Ischemia
Jamieson M. Bourque, MD, FASNC

5:20PM  Panel Discussion
Session 323  SPECT Artifacts
Location: Grand AB  CME: 1.5; CE: 1.5
Moderator: Robert A. deKemp, PhD
Panelists: E. Gordon DePuey, MD, MASNC; April Mann, MBA, CNMT, RT(N), FASNC
Case Presenters: Saurabh Malhotra, MD, MPH, FASNC; Ronald G. Schwartz, MD, FASNC

Session 324  Radiation Reduction: Doing the Safe Thing
Location: Addison East  CME: 1.5; CE: 1.5
Moderator: Mark C. Hyun, CNMT, NCT, R(N)(R)(CT), FASNC
4:00PM  Doing the Safe Thing for the Patient
Danny A. Basso, CNMT, NCT
4:45PM  Doing the Safe Thing for Employees
Sara G. Johnson, MBA, CNMT, RT(N), NCT

Session 325  Young Investigator Competition
Location: Addison West  CME: 1.25; CE: 1.25
Moderator: Rami Doukkly, MD, FASNC
Judges: Ernest V. Garcia, PhD, MASNC; Robert C. Hendel, MD, MASNC; Ami E. Iskandrian, MD, MASNC
5:45PM – 7:00PM
5:45PM  325-01 Myocardial Energetics in Heart Failure with Preserved Ejection Fraction: A Carbon-11 Acetate Positron Emission Tomography-Echocardiography Study
O. F. Abouezzedeed*, M. M. Redfield, B. A. Borlaug, A. Behfar, S. V. Pislaru, B. P. Mullan, B. J. Kemp, P. Chareonthaitawee
6:00PM  325-02 Quantification of PET FDG Uptake in Cardiac Sarcoidosis: Diagnostic, Performance and Assessment of Treatment Response
M. E. Alama*, H. Finn, V. Riley, D. Lee, M. Husain, R. Mohan, R. M. Iwanochko
6:15PM  325-03 Molecular Imaging of Apoptosis in Ischemic Myocardium and its Modulation: Targeting Phosphatidylethanolamine Vs. Phosphatidylserine
6:30PM  325-04 Feasibility and Value of Preoperative Assessment of Right Ventricular (RV) Regional and Global Systolic Function by Gated Blood Pool SPECT (GBPS) in Patients Undergoing Left Ventricular Assist Device (LVAD) Implantation
C. B. Link*, A. Noyak, R. Kormos, M. A. Simon, J. J. Teuteberg, L. Lagazzi, A. Althouse, P. Soman
6:45PM  325-05 The Diagnostic Implications of a Decrease in the Post Stress Ejection Fraction in Patients Undergoing Regadenoson Stress Myocardial Perfusion Imaging
J. A. Gomez*, I. Fughhi, Y. Golzar, A. Olusanya, R. Doukkly

Session 326  ABIM Recertification Made Easy: Cardiovascular Disease 2016 Update
Location: Grand AB  CME: 2.5; CE: 0
Facilitators: Karthikeyan Ananthasubramaniam, MD, FASNC; Donna M. Polk, MD, MPH, FASNC; Ralph J. Verdino, MD

Sunday, September 25, 2016

PL  PLENARY

Session 400  Plenary IV: Latest Studies and Guidelines in Cardiology and Their Impact on Your Clinical Practice
Location: Grand CD  CME: 1.5; CE: 1.25
Moderators: Ami E. Iskandrian, MD, MASNC; David G. Wolinsky, MD, MASNC
8:00AM  ISCHEMIA: How Might it Impact the Field of Nuclear Cardiology?
Leslie J. Shaw, PhD, MASNC
8:20AM  Use of Nuclear MPI vs. Coronary CTA in Stable Patients: PROMISE, SCOT, HEART, etc.
Ron Blankstein, MD, FASNC
8:40AM  PLATFORM: Utility of a Gate-keeper Before Invasive Angiography?
Edward Hulten, MD
9:00AM  New Guidelines: How are They Impacting My Practice
Todd D. Miller, MD
9:20AM  Panel Discussion

C  CORE

Session 401  New Developments in Assessing Coronary Artery Disease
Location: Addison East  CME: 1.0; CE: 1.0
Moderators: Dennis A. Calnon, MD, FASNC; Marla Kless, MD
9:45AM  Optimal SPECT Imaging 2016
James A. Arrighi, MD, MASNC
10:05AM  Cardiac PET and Myocardial Blood Flow
Sharmina Durbala, MD, FASNC
10:25AM  Calcium Scoring and CTA
Khurram Nasir, MD, MPH
Sunday, September 25, 2016 (cont.)

MULTIMODALITY IMAGING

Session 402  Infiltrative and Inflammatory Cardiomyopathies
Location: Addison West  CME: 1.0; CE: 1.0
Case Presenters: Paul Cremer, MD; Viviany R. Taqueti, MD, MPH
Panelists: PET - Ibrahim M. Saeed, MD
Echo - R. Parker Ward, MD, FASNC
SPECT - Prem Soman, MD, PhD, FASNC
MRI - Ron Blankstein, MD, FASNC

11:00AM – 12:00PM

ADVANCED

Session 403  Advances in the Assessment of Myocardial Blood Flow
Location: Addison East  CME: 0; CE: 0
Moderators: Heinrich R. Schelbert, MD, PhD; Viviany R. Taqueti, MD, MPH
11:00AM Logistics of Measuring Myocardial Blood Flow in a Clinical Setting
James A. Case, PhD
11:20AM Recommendations for Reporting Myocardial Blood Flow
Jeffrey A. Rosenblatt, MD, FASNC
11:40AM Panel Discussion: What is the Clinical Message

MULTIMODALITY IMAGING

Session 404  Assessing Cardiac Sarcoid
Location: Addison West  CME: 1.0; CE: .75
Moderators: Rob S.B. Beanlands, MD, FASNC; Randall C. Thompson, MD, FASNC
11:00AM Sarcoid Assessment with Cardiac MR
Ron Blankstein, MD, FASNC
11:15AM Quantitative PET for Sarcoid Assessment
Balaji Tamarappoo, MD, PhD
11:30AM Practical Issues of Patient Preparation for Viability/Infection/Inflammation
Girish Dwivedi, MRCP, PhD
11:45AM Panel Discussion

GENERAL INFORMATION

AMERICANS WITH DISABILITIES ACT:
ASNC supports the Americans with Disabilities Act.

ADMISSION REQUIREMENTS
Admission to all sessions and the exhibit hall is by badge only. Pick up your badge and meeting materials at the registration desk located on the Lobby Level of the Mizner Center of the hotel.

MOBILE PHONES, PAGERS, OTHER ELECTRONIC DEVICES
For consideration of others, please remember to silence all electronic devices while in educational sessions.

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ASNC2016 Scientific Session on Demand features online access within 24 hours of a presentation and is accessible for two years. The product is comprised of audio recording synchronized with speakers’ slide presentations. Meeting on Demand is available for purchase near the Registration Desk. CME credit is available with this activity for one year only.

NO SMOKING POLICY
Smoking is prohibited in all meeting spaces of the Boca Raton Resort. Your compliance is appreciated.

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ASNC requests that faculty use the audio-visual equipment in the speaker ready room to prepare presentations. The Speaker Ready room is located in Veranda III. The room will be staffed with technicians to assist faculty:

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<td>Thursday, September 22</td>
<td>10:00 a.m. – 5:00 p.m.</td>
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<td>Saturday, September 24</td>
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<td>Sunday, September 25</td>
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WIFI AVAILABLE
WiFi is available in the Education rooms and public areas of the Mizner Center. Corporate support for WiFi is provided by Astellas Pharma US, Inc.
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- Real-time Polls and Surveys
- Venue and Area Maps
- Meeting Information
- Alerts and Updates

ASNC’s International Association Partners

- IAEA (International Atomic Energy Association)
- AOFNMB (Asia Oceania Federation of Nuclear Medicine and Biology)
- ALASBIMN (Latin American Association of Biology and Nuclear Medicine)
- Argentine Federation of Cardiology
- Chinese Society of Nuclear Medicine
- Egyptian Society of Cardiology
- European Association of Nuclear Medicine
- European Society of Cardiology
- Inter-American Society of Cardiology
- Japanese Society of Nuclear Cardiology
- Japanese Society of Nuclear Medicine
- Kuwait Society of Nuclear Medicine
- Mexican Society of Cardiology
- Saudi Heart Association
- Spanish Society of Nuclear Medicine and Molecular Imaging
- Turkish Society of Cardiology
- Turkish Society of Nuclear Medicine

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The ASNC Exhibit Hall is a one-of-a-kind marketplace to visit and explore the latest offerings in nuclear cardiology. ASNC attendees meet face-to-face with industry leaders and organizational representatives as they demonstrate new products, discuss exciting new services, and answer your questions.

- **Welcome Reception in the Exhibit Hall**
  
  Get the first look at the latest technologies and services! The Welcome Reception will be held in the Exhibit Hall on Thursday night with open bar and food. Mingle with exhibitors, attendees, and industry professionals...it’s the perfect way to unwind from your travels and kick off ASNC2016!

  Please note that children under the age of 18 (including children in strollers and carriers) are not allowed in the Exhibit Hall. This policy is in effect at all times in the Exhibit Hall including set-up and tear-down.

- **New Friday Happy Hour from 3:30pm-4:30pm**

- **Lunch in the Exhibit Hall**

  Attendees receive two $15 lunch coupons redeemable on Friday and Saturday at the ASNC Café located outside the Exhibit Hall in the Pre-Assembly. Offering sandwiches, snacks, and beverages, the Café will be open 11:30 a.m.– 2:30 p.m.

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**EXHIBIT HALL HOURS**

**THURSDAY**  
SEPTEMBER 22, 2016  
Hours: 6:00 p.m. – 7:30 p.m.

- Welcome Reception and Exhibit Hall Grand Opening

**FRIDAY**  
SEPTEMBER 23, 2016  
Hours: 9:30 a.m. – 4:30 p.m.

- 9:30 a.m. – 10:30 a.m. 
  Refreshment Break in the Exhibit Hall
- 3:30 p.m. – 4:30 p.m. 
  Exhibit Hall Networking Happy Hour  
  Sponsored by Astellas Pharma US, Inc.

**SATURDAY**  
SEPTEMBER 24, 2016  
Hours: 9:30 a.m. – 3:00 p.m.

- 9:30 a.m. – 10:30 a.m. 
  Refreshment Break in the Exhibit Hall

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**American College of Radiology (ACR)**  
The American College of Radiology is a leading professional medical society dedicated to serving patients and society by empowering radiology professionals to advance the practice, science, and professions of radiological care. ACR Accreditation and Appropriateness Criteria are the standards for safe imaging and patient care. ACR’s 37,000 members include radiologists, radiation oncologists, nuclear medicine physicians and medical physicists. [www.acr.org](http://www.acr.org)

**American Society of Nuclear Cardiology (ASNC)**  
ASNC is the recognized leader in quality, education, advocacy and standards in cardiovascular imaging, with more than 4,000 members worldwide. ASNC is dedicated to continuous quality improvement, education, patient-centered imaging, and improving patient outcomes. ASNC establishes standards for excellence in cardiovascular imaging through the development of clinical guidelines, professional education, advocacy and research development. [www.asnc.org](http://www.asnc.org)

**Astellas Pharma US, Inc.**  
Astellas Pharma US, Inc., is a U.S. affiliate of Tokyo-based Astellas Pharma Inc. Astellas is a pharmaceutical company dedicated to improving the health of people around the world through the provision of innovative and reliable pharmaceutical products.

**Bracco Diagnostics Inc.**  
Bracco Imaging offers a product and solution portfolio for all key diagnostic imaging modalities: X-ray Imaging (including Computed Tomography-CT, Interventional Radiology, and Cardiac Catheterization), Magnetic Resonance Imaging (MRI), Contrast Enhanced Ultrasound (CEUS), and Nuclear Medicine through radioactive tracers. The diagnostic imaging portfolio is completed by a range of medical devices and advanced administration systems for contrast imaging products.

**Cardiovascular Imaging Technologies**  
CVIT is a research and development company focusing on practical solutions for achieving high-quality, maximally-efficient cardiac SPECT, PET, and CT imaging. CVIT offers training, preceptorships, processing software, and quality control software designed to improve quality and workflows in cardiac imaging. CVIT organizes, participates in, and functions as a core imaging lab for research studies leading to advances in the prevention, diagnosis, and treatment of cardiovascular diseases.

**CDL Nuclear Technologies**  
CDL Nuclear Technologies makes Cardiac PET accessible, secure, and profitable. Our turnkey model will minimize your practice’s risk and provide you with a complete imaging solution. Visit our booth to learn more about how you can upgrade your nuclear lab with the largest provider of turnkey PET services in the U.S.
Cedars-Sinai Medical Center .............................................................117
The Artificial Intelligence in Medicine (AIM) program at Cedars-Sinai Medical Center develops software to process and analyze three-dimensional images of the heart as an experienced human operator would. The software and algorithms developed by AIM are widely considered the gold standard in nuclear cardiology. Visit our booth to learn more about Cedars-Sinai Cardiac Suite and some of its latest features.

Certification Board of Nuclear Cardiology (CBNC)/Certification Board of Cardiovascular Computed Tomography (CBCCT) ..........420
The Certification Board of Nuclear Cardiology (CBNC) and the Certification Board of Cardiovascular Computed Tomography (CBCCT) certification programs were established to develop and administer practice-related examinations in the field of Nuclear Cardiology and Cardiovascular Computed Tomography and to award certification to those physicians who successfully complete the examination process. Certification provides practice-based requirements against which members of the profession can be assessed. The Certification Board of Nuclear Cardiology (CBNC) and the Certification Board of Cardiovascular Computed Tomography (CBCCT) assessments are now a part of the Alliance for Physician Certification and Advancement™ (APCATM) APCA has over 21,000 certified physicians throughout the world and is part of the non-profit Inteleos™ family of certification alliances.

Digirad.................................................................310
Digirad is a leading developer and manufacturer of solid-state gamma cameras for nuclear cardiology and general nuclear medicine applications. Its latest product line includes the Cardius™ X-ACT, a rapid imaging geometry-dedicated cardiac SPECT system featuring a novel low dose fluorescence attenuation correction methodology. Digirad also provides a wide array of fixed and mobile diagnostics solutions to private physician offices, integrated physician offices, clinics, outreach programs, healthcare systems and hospitals. With a current portfolio of programs including cardiac event monitoring, nuclear cardiology, ultrasound, echocardiography and vascular imaging, along with equipment rental and personnel staffing, Digirad is the largest healthcare services organization of its kind.

GE Healthcare.............................................................220
GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients. For more information, please contact your GE Sales Representative, call (866) 281-7545 or visit www.gehealthcare.com.

HeartCare Imaging, Inc...........................................................320
HCI stands out from the competition and is truly unique because of our client relationships. We become not only a provider of equipment and personnel, but a trusted partner and consultant that works closely with clients to ensure a successful venture for them, for their patients and for their physicians. HCI’s flexible approach to finding solutions has allowed us to work with many different kinds of clients with different needs. We’ve been doing this since 1998, when we identified the need for clinical, technical and management expertise for the establishment and operation of quality diagnostic imaging services. HCI’s management brings decades of experience toward that objective. Our goal has always been to provide a service that is of the highest quality for our client at a price that is competitive while taking on the many responsibilities associated with running an imaging department. HCI’s pioneering effort in lab accreditation is one example of our focus on quality. HCI’s original focus was working with physician groups that desired to have imaging as part of their practice. Within this segment we’ve had great success working with physician groups of all sizes, from as small as one physician to facilities with more than 100 physicians. Based on our success in the physician market, HCI has successfully expanded into university based departments and the Critical Access Hospital (CAH) market. Going forward, HCI will continue to provide this outstanding service for our customers while continuing to incorporate new technologies and opportunities to empower our clients and help them to provide the best possible health care to patients.

Intersocietal Accreditation Commission (IAC) ..........................Royal Palm Pre-Assembly
A nonprofit organization highly regarded for its accreditation programs since 1990, the IAC offers accreditation for vascular testing, echocardiography, nuclear/PET, MRI, diagnostic CT, dental CT, carotid stenting, vein treatment and management and cardiac electrophysiology. The IAC programs are each dedicated to one common mission: Improving health care through accreditation®. To date, the IAC accrediting bodies have granted accreditation to more than 14,000 sites throughout the United States, Canada and Puerto Rico. Learn more about the IAC by visiting intersocietal.org.

Infiniti North America, Inc......................................................321
INFINITI North America is an award-winning developer of enterprise image and data management solutions. INFINITI Cardiology Suite is a complete, web-based solution for image management, reporting and analysis for Cardiology and Vascular Imaging, Cardiac Cath, Echocardiography, ECG Management, Electrophysiology, and Nuclear Medicine. It displays current, prior and related cardiac images and reports in comparison mode and seamlessly integrates with INFINITI PACS as well as third party information systems and EMR’s.

INVIA Medical Imaging Solutions ..............................................207
Developed at the University of Michigan, 4DM provides physicians with an all-in-one solution for nuclear cardiac quantification, review, and reporting. INVIA is partnered with world-class providers of cameras, PACS, and workstations including Siemens, GE, Philips, Digirad, Infiniti, MIE, NIS, Spectrum Dynamics, Thinking Systems, and Universal Medical. 4DM is available integrated on vendor platforms or as a software-only solution for Windows computers. Stop by booth #207 to explore 4DM’s brand new reporting engine!

Ionetix Corporation .............................................................100
Ionetix Corporation is a national supplier of N-13 Ammonia for Cardiac PET perfusion imaging. Ionetix has developed an ultra-compact, single-purpose cyclotron system for the unit dose production of N-13 Ammonia. This system can be installed directly at the point-of-care for “on demand” tracer availability. N-13 Ammonia is a highly accurate myocardial perfusion imaging agent, providing clinicians with quantification of absolute coronary flow reserve (CFR) and optional exercise treadmill stress testing with PET. Ionetix is offering unprecedented access to N-13 Ammonia, stop by our booth to learn more about this innovative breakthrough supply solution for Cardiac PET imaging.

Jubilant DraxImage Inc .........................................................101
At Jubilant Draximage, we are passionately dedicated to the field of Nuclear Medicine. Our leadership is driven by quality, safety and sustainability. Our mission is to discover, develop, manufacture and market innovative diagnostic solutions.
and therapeutic radiopharmaceuticals and other technologies used in our field of expertise. Through our ongoing support of the Nuclear Medicine community, we strive to accelerate, simplify and guide patient management.

Lantheus Medical Imaging, Inc. .............................................. 109
Lantheus Medical Imaging (www.lantheus.com) is a global leader in the development, manufacture and commercialization of innovative diagnostic imaging agents and products. Key Nuclear Medicine Products: Technetium Tc99m Generator), Xenon 133 (Xenon Xe 133 Gas), NEUROLITE® (Kit for the Preparation of Technetium Tc99m Bicisate for Injection).

MIE America, Inc. ............................................................... 414
MIE America leads the way in re-manufacturing SPECT and PET scanners controlled by Scintron®. This computer system provides the most current acquisition and processing protocols to allow Nuclear Medicine and Cardiology providers to deliver high quality diagnostic scans to their patients. The investment is protected with 10 years of serviceability inspiring customer confidence. A few key features include: SPECT - A unique reconstruction algorithms allow for shorter imaging times to improve the efficiency of the SPECT lab and reduce radiation exposure levels, rue simultaneous acquisition and processing capabilities; PET - Provides important correction programs to ensure high quality 3D imaging in a fast computing environment as well as aids in radiation dose reduction, the systems are equipped for state of the art cardiac and brain PET imaging, including list mode acquisitions for advanced diagnostic evaluations. MIEs process of manufacturing as new SCINTRON® equipped scanners allows customers to confidently purchase and/or upgrade to todays technology economically.

MIM Software Inc. .............................................................. 110
MIM Software Inc. provides vendor neutral solutions for multi-modality image review and fusion for radiology and nuclear medicine. The industry-leading software for PET/CT review and therapy response assessment is available for both PC and Mac®. MIM offers integrated packages for cardiac and neuroimaging with automated quantitative analysis, as well as a comprehensive suite for radiation therapy which includes deformable contouring and fusion, data management, and practical adaptive therapy tools. Professionals can collaborate securely and reliably by sharing images from anywhere, at anytime with MIMcloud and Mobile MIM, a remote diagnostic imaging tool for the iPhone®, iPod touch®, or iPad®.

Modern Nuclear, Inc. .......................................................... 403
Modern Nuclear Inc. is a Nuclear Medicine Diagnostic service specializing in Nuclear cardiology since 1992. We offer mobile Rubidium PET and portable Cardiolite SPECT MPI as well consulting or setting up your own In-house lab. We offer turn key operation providing, billing, interpretation, staff, equipment, isotope and all supplies. Founded May 1988 by Patrick J. Laverty, President/CEO/RSO. We are a certified Medicare provider and are accredited by ACR and IAC. If your facility is considering a Nuclear Medicine Diagnostics company and would like a consultation on equipment or service, please contact us at our website, email modernnucl@yahoo.com, call (562) 905-2244, Toll free 888-MOD-NUC6.

Molecular Imaging Services, Inc. ........................................... 409
Molecular Imaging Services, Inc. (MIS) is a privately held company with headquarters in Bear, Delaware. We Specialize in Cardiac PET and SPECT In-Office Cardiology Imaging Solutions. Our Comprehensive Support approach has redefined the turnkey model with unparalleled Clinical, Operational and Reimbursement resources and solutions. If you are looking to add Cardiac PET to your practice stop by and meet the MIS Team at Booth #409.

NuCardApp ........................................................................ 417
NuCardApp is a fully-featured cross-platform app engineered to create reports for Myocardial Perfusion Imaging studies. Create digital reports and keep track of all your studies in real-time with the highly secure, easy-to-use and incredibly powerful NuCardApp.

Nuclear Medicine Technology Certification Board (NMTCB) .... Royal Palm Pre-Assembly
The NMTCB is the Nuclear Medicine Technology Certification Board, formed for the purpose of creating and maintaining examinations for nuclear medicine technologists (NMTs). Since 1978, the NMTCB has offered high-quality certification exams for NMTs to become Certified Nuclear Medicine Technologist (CNMT). More recently, the NMTCB has provided specialty exams for positron emission tomography (PET), nuclear cardiology (NCT), and NMT’s who have graduated from a recognized Master’s level program as a Nuclear Medicine Advanced Associate (NMMA). The NMTCB has also developed a new post-primary certification exam for computed tomography (NMTCB/CT).

Nuclear Imaging Services, LLC .............................................. 114
Nuclear Imaging Services provides exceptional turnkey solutions that include the sales and service of refurbished SPECT, PET and PET/CT systems with superior clinical support, operational consulting, laboratory management software, and radiopharmaceuticals.

Nuclear Medicine Professionals, Inc. ................................. 120
Nuclear Medicine Professionals provides simple equipment and staff leases, which allow physicians to offer cardiac stress tests in their offices, eliminating the need to refer patients to physicians outside of the practice. This, in turn, allows for greater continuity of care for your patients and dramatically increased positive health outcomes. Revenues generated by the procedure remain within the practice, ensuring better fiscal health. With skyrocketing costs and shrinking reimbursements, physicians are under pressure to develop new revenue streams to maintain thriving practices. In-office cardiac imaging is the single most efficient and effective way practices can add to their bottom line, while significantly improving the quality of care offered to their patients.

Philips Healthcare .............................................................. 313
At Philips, we look beyond technology to the experiences of patients, providers and caregivers across the health continuum from healthy living to prevention, diagnosis, treatment, recovery and home care. We unlock insights leading to innovative solutions that help deliver better care at lower costs. It’s a unique perspective empowering us all to create a healthier future.

Scimage, Inc. .................................................................. 111
Providing flexible exchange and dynamic workflow between disparate PACS, EMR, and departmental information systems, PICOM365 is engineered to adhere to industry standards to assure interoperability in whatever form you need. This will help your practice eliminate unnecessary studies to manage costs and radiation exposure; ensure availability of medical information needed for complete diagnoses; decrease TAT for remote and subspecialty studies; and, expedite time critical medical decisions. Scimage brings off-the-shelf implementation to a customized Enterprise solution. An innovative leader for more than 20 years, our goal is to build long lasting partnerships, which is why many customers have been with us for more than 20 years. Visit www.scimage.com.
Siemens Healthineers ................................................. 211
Siemens Healthineers is committed to becoming the trusted partner of healthcare providers worldwide, enabling them to improve patient outcomes while reducing costs. Driven by our long legacy of engineering excellence and our pioneering approach to developing the latest advancements, we are a global leader in medical imaging, laboratory diagnostics, clinical IT, and services. Siemens Healthineers is dedicated to helping our partners be successful — clinically, operationally and financially — from prevention through diagnosis and treatment. To learn more about Siemens Healthineers, please visit usa.siemens.com/Healthineers.

Spectrum Dynamics Medical, Inc............................................. 301
Spectrum Dynamics Medical revolutionized the practice of nuclear cardiology with the 1st clinical & commercially available CZT imaging scanner. The D-SPECT® and D-SPECT-L™ nuclear cardiology imaging systems dramatically enhances image quality, improves workflow, allows the ability to reduce radiation exposure by implementing unique ultra-low dose protocols and provides the platform for upcoming advanced imaging protocols.

Syntermed, Inc. ................................................................. 314
Syntermed Inc.: Based in Atlanta, GA, is a leading global imaging and informatics company supporting the clinical quantification of SPECT and PET-brain nuclear medicine studies and the advanced clinical decision support of nuclear cardiology SPECT and PET imaging studies. Signature brands include Emory Toolbox™, Smartreport™, NeuroQ™, and Syntermed Live™. Please visit us in Booth 314.

Thinking Systems Corporation ............................................. 116
Thinking Systems, the recognized industry leader of cloud-based enterprise PACS/RIS, will exhibits its revolutionary cloud-based PACS — ThinkingWeb Extreme™. ThinkingWeb Extreme™ utilizes the most advanced cloud technology and 64-bit server platform to provide the most comprehensive PACS/RIS functionalities for all modalities. It enables physicians to perform diagnostic interpretation/reporting securely from anywhere with Internet connection for radiology and complex specialty modalities, including CT/MR/CR, PET-CT, SPECT-CT, nuclear cardiology, general nuclear medicine, cardiac PET, PET brain, ultrasound/echo, cardiac cath/fluoroscopy, etc.

Triad Isotopes, Inc. ............................................................ 416
AT TRIAD ISOTOPES, NUCLEAR PHARMACY ISN’T JUST OUR CORE BUSINESS, IT’S OUR ONLY BUSINESS.
Triad Isotopes is proud of our reputation for outstanding service, which has helped us become the second-largest and fastest-growing radiopharmaceutical provider in the country. We are proud of the relationships we have with thousands of hospitals, physicians and nuclear medicine providers nationwide that consider us partners in delivering their patients the custom solutions they rely on for diagnosis and treatment. With nearly 30 years of experience in preparing radioisotopes, Triad Isotopes delivers customized solutions and industry expertise that consistently exceed our customers’ expectations. We also offer choice. Our open formulary allows clinicians to select their preferred agents to achieve the highest patient benefit. Today, our 54 locations nationwide serve over 4 million patients annually.

UltraSPECT Inc ................................................................. 215
UltraSPECT Inc. is a leading provider of image reconstruction solutions that support safer and faster imaging in nuclear cardiac and oncology exams, with better diagnostic capabilities. At a fraction of the cost of a brand new camera, Xpress.Cardiac™ and Xpress3.Cardiac™ provide value to physicians, technologists, patients, administrators and radiopharmaceutical suppliers. The proprietary, innovative Wide-Beam Reconstruction (WBR™) image processing algorithm addresses the clinical need for significant reduction in injection dose and shortened scan times, boosting patient safety, throughput and comfort. Healthcare facilities of all sizes maximize value from the ability to leverage the investment in existing nuclear medicine cameras and processing stations—regardless of the manufacturer, model and age. Moreover, UltraSPECT solutions enable healthcare facilities to meet the American Society of Nuclear Cardiology (ASNC) low-dose guidelines. UltraSPECT image reconstruction products are approved by the FDA, as well as numerous regulatory authorities in Europe and Asia. For more information, visit www.ultraspect.com or call 1-888-WBR-SCAN (1-888-927-7226).

Universal Medical ........................................................... 108
Universal Medical has nurtured a business philosophy founded on offering comprehensive nuclear medicine equipment and services at a reduced price. We take great pride in offering the very best new and reconditioned camera systems, quality parts, and repair services. In addition to these core products and services, Universal Medical offers training classes for clinical engineers, rebuilds and replaces camera detectors, moves camera systems across town or across the country, and supports our customers with expert technical and clinical support. Universal Medical is excited to offer the new QuantumCam™, CorCam™, and SoloMobile™ systems designed and engineered by one of the industry’s leading nuclear imaging equipment manufacturers.

Wolters Kluwer .............................................................. 411
Wolters Kluwer Health is a global provider of information, business intelligence and point-of-care solutions for the healthcare industry. Major brands include Lippincott Williams & Wilkins (the publisher of JONA, Official Leadership Journal of the Magnet Recognition Program® and Lippincott’s Nursing Solutions) and Ovid, online information search, discovery and management solutions.

Zevacor ................................................................. 421
Zevacor Molecular and Zevacor, Pharma, Inc. (fka IBA Molecular North America, Inc.) are both subsidiaries of Illinois Health and Science (IHS), a non-profit healthcare system that specializes in enhancing patient care through strategic investments in healthcare-related opportunities. The Zevacor family takes pride in role helping fulfill IHS’s mission to enhance longevity and the quality of human life through improved patient care and outcomes. Zevacor Molecular and Zevacor Pharma develop, manufacture and distribute PET and SPECT radiopharmaceuticals and associated educational services used in nuclear medicine and molecular imaging. In addition, Zevacor Molecular is finalizing the construction of a new 70 MeV cyclotron and multiple synthesis and processing units for production and distribution of a broad range of clinical and research radioisotopes at its Noblesville, IN headquarters and Zevacor Pharma provides investigative and custom radiolabeling services to pharmaceutical, biotech, and research institutions nationwide helping them develop the next generation of molecular imaging and therapeutic products.
ASNC2016
Exhibit Hall Passport

Included in your ASNC2016 bag is a passport for you to use to learn about exciting products and services from several ASNC2016 Exhibitors. Bring this Passport with you to the exhibit hall and visit each of the booths to get a sticker. Bring your completed passport to the ASNC booth located just outside of the entrance to the Exhibit Hall no later than 1 p.m. Saturday, September 24th. You’ll be entered into a drawing for a chance to win one of three Apple Gift Cards — $500, $250 and $100! Have fun!

Winners do not have to be present to win; any prize not picked up by 3 p.m. will be mailed following ASNC2016.

Dynamic SPECT is HERE!

The Promise of Quantifying Myocardial Blood Flow Has Arrived...Booth #301
ASNC2016 FACULTY

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Jeffrey A. Leppo, MD, MASNC
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Transition your lab from volume to value to ensure future success. ASNC is the recognized leader in quality education and standards in the field of nuclear cardiology. Join us for our Nuclear Cardiology Today program, the ONLY program focused solely on the latest in nuclear cardiology and includes in-depth instruction on SPECT, PET & CT technology, radiation dose reduction, challenging cases and more!

Don’t miss out! You won’t find another program like this.

Save the Date!
April 21-23, 2017

This activity is supported by an educational grant from Astellas Pharma US, Inc.
INDUSTRY SPONSORED LUNCH & LEARN AND EVENING ACTIVITIES

These activities are not part of the official ASNC2016 Annual Scientific Session as planned by the Program Committee.

Friday, September 23, 2016
12:00 – 1:30 p.m.  |  Grand Ballroom GH
Quantifying Myocardial Blood Flow
FACULTY:
Marcelo Di Carli, MD,
Professor Denis Agostini, MD, PhD

Presented by Spectrum Dynamics Medical

Friday, September 23, 2016
12:00 – 1:30 p.m.  |  Grand Ballroom IJ
Is it Time for Myocardial Blood Flow in Clinical Practice?
FACULTY:
Rob S.B. Beanlands, MD, FRCP
Robert A. deKemp, PhD, PEng, PPhys

Presented by Jubilant DraxImage Inc.

Saturday, September 24, 2016
12:00 – 1:30 p.m.  |  Grand Ballroom GH
PET Quantification of Myocardial Blood Flow-Implementing in Daily Practice
FACULTY:
Timothy Bateman, MD, FASNC
Venkatesh L. Murthy, MD, PhD, FASNC
PANELISTS:
Robert M. Bober, MD
Marcelo Di Carli, MD

Presented by Bracco Diagnostics, Inc.

Saturday, September 24, 2016
12:00 – 1:30 p.m.  |  Grand Ballroom IJ
Falling Through the Cracks – Expanding Our Approach to Acute Coronary Syndromes
FACULTY:
Manuel Cerqueira, MD, MASNC

Presented by Astellas US Pharma, Inc.

Evening Satellite

Friday, September 23, 2016
6:00 p.m. – 7:30 p.m.  |  Grand Ballroom GH
Cardiac PET: The Future of Nuclear Cardiology
FACULTY:
Venkatesh Murthy, MD, PhD, FASNC

Presented by Ionetix
Lunch & Learn Session

Hear about the University of Ottawa Heart Institute’s experience using a Rb-82 elution system to perform PET-MPI studies and quantify myocardial blood flow, including clinical trials, technical performance, case studies, and imaging protocols.

Title: Is It Time for Myocardial Blood Flow in Clinical Practice?
Time: Friday, Sept. 23, 2016, 12:00 pm to 1:30 pm
Where: Grand Ballroom IJ
Presenters: Rob S. B. Beanlands, MD, FRCPC, FACC
Vered Chair, Chief of Cardiology and Director of the National Cardiac PET Centre, University of Ottawa Heart Institute
Robert A. deKemp, PhD, PEng, PPhys
Head Imaging Physicist, National Cardiac PET Centre, University of Ottawa Heart Institute

Poster Presentations

Stop by Booth 101 for poster presentations on the evaluation of the performance of an Rb-82 elution system. The presentations will be given by Jennifer Renaud, MSc, Cardiac Imaging Research Analyst and Project Coordinator in the National Cardiac PET Centre at the University of Ottawa Heart Institute.

This activity is not part of the official ASNC Annual Scientific Session as planned by the Program Committee.
The art of connecting the cardiovascular community

Astellas is working to create better connections within the cardiovascular community through resources and tools on patient education, cardiac testing, and the value of myocardial perfusion imaging at key points in the stress test patient journey.

SEE HOW CONNECTIONS MATTER AT BOOTH 201