Molecular Imaging/Nuclear Medicine

RADIOLOGICAL SOCIETY
OF NORTH AMERICA
105th Scientific Assembly
and Annual Meeting

Meeting.RSNA.org
#RSNA19
Walk Through the Week

Sunday, Dec. 1, 2019

Case of the Day
Nuclear Medicine Sunday Case of the Day
Session ED010-SU . . . . . . . . . . Case of Day, Learning Center
Molecular Imaging Sunday Case of the Day
Session ED015-SU . . . . . . . . . . Case of Day, Learning Center

10:45 AM–12:15 PM
Scientific Papers Sessions
Science Session with Keynote: Molecular Imaging (Neuroimaging)
Session SSA13 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S503AB
Nuclear Medicine (Genitourinary Oncology Nuclear Medicine and PET)
Session SSA16 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S505AB

10:45 AM–12:15 PM
Educational Courses
Best Clinical Trials @ RSNA 2019
Session SPCT10 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E352

12:30–1:00 PM
Posters and Exhibits: Discussions
Molecular Imaging Sunday Poster Discussion
Session MIS-SUA . . . . . . . . . . MI Community, Learning Center
Nuclear Medicine Sunday Poster Discussions
Session NMS-SUA . . . . . . NM Community, Learning Center

1:00–1:30 PM
Posters and Exhibits: Discussions
Molecular Imaging Sunday Poster Discussion
Session MIS-SUB . . . . . . . . . . MI Community, Learning Center
Nuclear Medicine Sunday Poster Discussions
Session NMS-SUB . . . . . . NM Community, Learning Center

2:00–3:30 PM
Educational Courses
Enhancing Your PET/CT Practice
Course RC111 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S505AB
Emerging Technology: Imaging of Dementias and Movement Disorders Update 2019
Course RC117 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . S504CD
Innovations in Hybrid Imaging
Course RC121 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . E351

Accreditation and Designation Statements
The Radiological Society of North America (RSNA®) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The RSNA designates this live activity for a maximum of 94.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Commission on Accreditation of Medical Physics Education Program (CAMPEP) has approved the direct transfer of AMA PRA Category 1 Credit™ to MPCEC on a credit-for-credit basis for medical physicists.

Corporate Symposium
Please refer to each course description in the online program to determine if CME credit is offered for the session. Instructions on claiming credit will be provided during the course. CME credit for the Corporate Symposia will be provided through a third-party provider and not through RSNA.

Program information is subject to change. For the most up-to-date information, please use your Meeting App or visit Meeting.RSNA.org.
4:00–5:45 PM

Plenary Sessions

Sunday Afternoon Plenary Session

Session PS12 .................................. Arie Crown Theater

Monday, Dec. 2, 2019

Case of the Day

Nuclear Medicine Monday Case of the Day

Session ED010-MO ................. Case of Day, Learning Center

Molecular Imaging Monday Case of the Day

Session ED015-MO ................. Case of Day, Learning Center

8:30–10:00 AM

Educational Courses

Molecular Imaging Symposium: Basics of Molecular Imaging

Course MSMI21 ................................. S405AB

Advanced PET Imaging for Radiotherapy Planning and Response Assessment

Course RC222 ................................. N229

10:30 AM–12:00 PM

Educational Courses

Nuclear Medicine Series: New PET Tracers for Prostate Cancer

Course RC211 ................................. S505AB

12:15–12:45 PM

Posters and Exhibits: Discussions

Molecular Imaging Monday Poster Discussions

Session MIS-MOA .................... MI Community, Learning Center

Nuclear Medicine Monday Poster Discussions

Session NMS-MOA .................... NM Community, Learning Center

12:45–1:15 PM

Posters and Exhibits: Discussions

Molecular Imaging Monday Poster Discussions

Session MIS-MOB .................... MI Community, Learning Center

Nuclear Medicine Monday Poster Discussions

Session NMS-MOB .................... NM Community, Learning Center

1:30–3:00 PM

Educational Courses

Molecular Imaging Symposium: Neurologic MI Applications

Course MSMI23 ................................. S405AB

1:30–3:30 PM

Educational Courses

Contrastes y Trazadores: Estado del Art-Sesion del Colegio Interamericano de Radiologia (CIR) en Espanol/Contrast Agents and Radiopharmaceuticals: State of the Art-Session of Interamerican College of Radiology (CIR) in Spanish

Session SPSP21 ................................. E353C

3:00–4:00 PM

Educational Courses

RSNA AI Deep Learning Lab: Generative Adversarial Networks (GANs)

Session SPAI23 ................................. N229

3:30–5:00 PM

Educational Courses

Molecular Imaging Symposium: MI Theranostics

Course MSMI24 ................................. S405AB

Tuesday, Dec. 3, 2019

Case of the Day

Nuclear Medicine Tuesday Case of the Day

Session ED010-TU .................... Case of Day, Learning Center

Molecular Imaging Tuesday Case of the Day

Session ED015-TU .................... Case of Day, Learning Center

7:15–8:15 AM

Educational Courses

Hot Topic Session: Patient-facing Nuclear Medicine Clinics for Prostate Cancer

Session SPSH30 ................................. E450B

8:30–10:00 AM

Educational Courses

Case-based Review of Nuclear Medicine: PET/CT Workshop-Head and Neck (In Conjunction with SNMMI) (Interactive Session)

Course MSCC31 ................................. E450B
Review of Pediatric Nuclear Medicine
Course RC311 ............................................. S504CD
Emerging Technologies: Prostate Cancer Imaging & Management - Update 2019
Course RC317 ............................................. S505AB

10:30 AM–12:00 PM
Scientific Papers Sessions
Cardiac (CT, MRI, and Nuclear Medicine: General Topics)
Session SSG02 .......................................... S104A
Molecular Imaging (New Tracers and Alternative Imaging Modalities)
Session SSG07 .......................................... S505AB
Nuclear Medicine (Lymphoma PET)
Session SSG09 .......................................... S504CD

10:30 AM–12:00 PM
Educational Courses
Case-based Review of Nuclear Medicine: PET/CT Workshop-Chest (In Conjunction with SNMMI) (Interactive Session)
Course MS4CC32 ................................. E450B
RSNA AI Deep Learning Lab: Generative Adversarial Networks (GANs)
Session SPAI31 ........................... AI Showcase North Building Level 2

12:15–12:45 PM
Posters and Exhibits: Discussions
Molecular Imaging Tuesday Poster Discussions
Session MIS-TUA .......................... MI Community, Learning Center
Nuclear Medicine Tuesday Poster Discussions
Session NMS-TUA .......................... NM Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Molecular Imaging Tuesday Poster Discussions
Session MIS-TUB .......................... MI Community, Learning Center
Nuclear Medicine Tuesday Poster Discussions
Session NMS-TUB .......................... NM Community, Learning Center

1:30–3:00 PM
Educational Courses
Case-based Review of Nuclear Medicine: PET/CT Workshop-Abdomen/Pelvis & Pediatrics (In Conjunction with SNMMI) (Interactive Session)
Course MS4CC33 ................................. E450B

3:00–4:00 PM
Scientific Papers Sessions
Molecular Imaging (Theranostics)
Session SSJ14 .......................................... S504CD

Wednesday, Dec. 4, 2019

Case of the Day
Nuclear Medicine Wednesday Case of the Day
Session ED010-WE ......................... Case of Day, Learning Center
Molecular Imaging Wednesday Case of the Day
Session ED015-WE ......................... Case of Day, Learning Center

8:30–10:00 AM
Educational Courses
Update on Radionuclide Therapies
Course RC511 .......................................... S504CD
Metabolic Tumor Imaging: Current and Beyond
Course RC518 .......................................... S501ABC

10:30 AM–12:00 PM
Scientific Papers Sessions
Molecular Imaging (General Subspecialties)
Session SSK13 .......................................... S505AB
Nuclear Medicine (Gastrointestinal Oncology Nuclear Medicine and PET)
Session SSK15 .......................................... E451A

10:30 AM–12:00 PM
Educational Courses
BOOST: Lymphoma—Case-based Multidisciplinary Review (Interactive Session)
Course MSRO42 ...................................... S103CD

12:15–12:45 PM
Posters and Exhibits: Discussions
Molecular Imaging Wednesday Poster Discussions
Session MIS-WEA ......................... MI Community, Learning Center
Nuclear Medicine Wednesday Poster Discussions
Session NMS-WEA ......................... NM Community, Learning Center
12:45–1:15 PM
Posters and Exhibits: Discussions
Molecular Imaging Wednesday Poster Discussions
Session MIS-WEB . . . . MI Community, Learning Center
Nuclear Medicine Wednesday Poster Discussions
Session NMS-WEB . . . NM Community, Learning Center

1:00–2:30 PM
Educational Courses
RSNA AI Deep Learning Lab: Generative Adversarial Networks (GANs)
Session SPAI42 . . . AI Showcase North Building Level 2

3:00–4:00 PM
Scientific Papers Sessions
Molecular Imaging (Oncology)
Session SSM16 . . . . . . . . . . . . . . . . . . . . . . . . . . S505AB
Nuclear Medicine (Head and Neck/Thyroid Nuclear Medicine and PET)
Session SSM18 . . . . . . . . . . . . . . . . . . . . . . . . . . S504CD

3:00–4:15 PM
Educational Courses
BOOST: Advanced Techniques in Image-guided Therapy (Interactive Session)
Course MSRO44 . . . . . . . . . . . . . . . . . . . . . . . . . . S103CD

Thursday, Dec. 5, 2019

Case of the Day
Nuclear Medicine Thursday Case of the Day
Session ED010-TH . . . . . . . . . . . . . . . . . . Case of Day, Learning Center
Molecular Imaging Thursday Case of the Day
Session ED015-TH . . . . . . . . . . . . . . . . . . Case of Day, Learning Center

7:15–8:15 AM
Educational Courses
Keeping Radiology Weird: Spot Diagnoses from the Pacific Northwest (Case-based Competition)
Session SPDL50 . . . . . . . . . . . . . . . . . . . . . . . . . . . E451B

8:30–10:00 AM
Educational Courses
Head and Neck PET/CT: Clinical Approach
Course RC611 . . . . . . . . . . . . . . . . . . . . . . . . . . . S504CD

10:30 AM–12:00 PM
Scientific Papers Sessions
Science Session with Keynote: Molecular Imaging (Image Analysis and Quantification)
Session SSQ12 . . . . . . . . . . . . . . . . . . . . . . . . . . S501ABC

12:15–12:45 PM
Posters and Exhibits: Discussions
Molecular Imaging Thursday Poster Discussions
Session MIS-THA . . . . . . MI Community, Learning Center
Nuclear Medicine Thursday Poster Discussions
Session NMS-THA . . . . . NM Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Molecular Imaging Thursday Poster Discussions
Session MIS-WEB . . . . MI Community, Learning Center
Nuclear Medicine Thursday Poster Discussions
Session NMS-WEB . . . . NM Community, Learning Center

12:15–12:45 PM
Posters and Exhibits: Discussions
Molecular Imaging Thursday Poster Discussions
Session MIS-THA . . . . . . MI Community, Learning Center
Nuclear Medicine Thursday Poster Discussions
Session NMS-THA . . . . . NM Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Molecular Imaging Thursday Poster Discussions
Session MIS-THB . . . . . . MI Community, Learning Center
Nuclear Medicine Thursday Poster Discussions
Session NMS-THB . . . . . NM Community, Learning Center

3:00–4:00 PM
Educational Courses
Hot Topic Session: Imaging of Traumatic Brain Injury—Present and Future
Session SPSH54 . . . . . . . . . . . . . . . . . . . . . . . . . . . E451A

4:30–6:00 PM
Educational Courses
Advances and Updates in SPECT/CT
Course RC711 . . . . . . . . . . . . . . . . . . . . . . . . . . . S504CD
Emerging Technology: PET/MRI Update 2019
Course RC717 . . . . . . . . . . . . . . . . . . . . . . . . . . . S505AB

Friday, Dec. 6, 2019

8:30–10:00 AM
Educational Courses
Emerging Technology: Theranosis—Molecularly Targeted Therapies 2019
Course RC817 . . . . . . . . . . . . . . . . . . . . . . . . . . . E260

10:30 AM–12:00 PM
Scientific Papers Sessions
Nuclear Medicine (Thoracic Oncology Nuclear Medicine and PET)
Session SST06 . . . . . . . . . . . . . . . . . . . . . . . . . . . E353B
Posters and Exhibits Discussions

(CME is available when the author is present for discussion during the lunch period)

Sunday, Dec. 1, 2019

12:30–1:00 PM
Scientific Posters
Biochemical Recurrence with Low Values of PSA in Prostate Carcinoma after Radical Therapy: Sensibility of 68Ga-PSMA PET/CT
NM234-SD-SUA4 ............................ Station #4
Clinical Follow-Up after Imaging and Dosimetry for Yttrium-90 (90Y) Liver Radioembolization Using a SiPM-Based PET/CT Scanner
NM201-SD-SUA2 ............................ Station #2
MI215-SD-SUA3 ............................ Station #3
Evaluation of Parametrial Infiltration of Cervical Cancer Based on Voxel-based Segmentation in Integrated PET/MR: A Preliminary Study
MI201-SD-SUA2 ............................ Station #2
MRI Relaxometry for Tracking Nanoparticle Mediated Ablation Therapy of Colorectal Cancer Liver Metastasis
MI200-SD-SUA3 ............................ Station #1
Role of Functional Imaging for Response Assessment of Lu177-DOTATATE Therapy for Neuroendocrine Tumors
NM200-SD-SUA1 ............................ Station #1
Spectrum of Autoimmune Limbic Encephalitis on FDG PET/CT
NM202-SD-SUA3 ............................ Station #3

12:30–1:00 PM
Education Exhibits
Evaluation of Extrahepatic Shunting with 99mTc-MAA Hepatic Perfusion Before 90Y Radioembolization of HCC: A Concise Review
NM121-ED-SUA5 ............................ Station #5
Molecular Imaging and Theranostics in Pheochromocytoma and Parangangioma
MI110-ED-SUA4 ............................ Station #4
Reassessing the Patterns of Response to Immunotherapy with PET Imaging: From Morphology to Metabolism
NM123-ED-SUA7 ............................ Station #7
Targeted Imaging of Gastro-Entero-Pancreatic Neuroendocrine Tumors with 68Ga-DOTATATE PET/CT and Simultaneous 68Ga-DOTATATE Gadoxetate PET/MR
NM122-ED-SUA6 ............................ Station #6

1:00–1:30 PM
Scientific Posters
18F-FDG PET/MRI of Patients with Chronic Pain Alters Management
NM204-SD-SUB2 ............................ Station #2
Clinical Impact of FDG PET-CT in the Management of Cancer Patients: Experience in 9000 Cases
NM205-SD-SUB3 ............................ Station #3
Longitudinal Analysis of Molecular Imaging Identifies Short Term Recurrence in Glioblastoma Treated with Bevacizumab
MI216-SD-SUB3 ............................ Station #3
Relationship between Parameters of Intravoxel Incoherent Motion Diffusion-weighted Imaging with Ki-67 Level in Cervical Cancer
MI203-SD-SUB2 ............................ Station #2
The Utility of Positive 18F-FDG PET/CTs in Affecting Clinical Infectious Disease Management
NM203-SD-SUB1 ............................ Station #1
Ultrasound-Mediated Targeted Delivery of Dexamethasone Using Phase-Change Nanodroplets for the Treatment of Rheumatoid Arthritis
MI202-SD-SUB1 ............................ Station #1
Whole Prostate Total Lesion Activity on 18F-fluciclovine PET/CT and Prostate-Specific Antigen Level are Associated with the Presence of Metastasis at Primary Staging
NM235-SD-SUB4 ............................ Station #4

1:00–1:30 PM
Education Exhibits
Bringing Light on the Era of Immunotherapy: The Role of CT and PET/CT—What Should We Know?
NM126-ED-SUB7 ............................ Station #7
Differential Diagnosis of Atypical Parkinsonian Syndromes using 18F-FDG PET/CT
NM125-ED-SUB6 ............................ Station #6
Not For the Young at Heart: Cardiac TTR Amyloid Nuclear Imaging - Technique, Pathology, and Incidental Findings
NM124-ED-SUB5 ............................ Station #5
Peptide Receptor Radionuclide Therapy (PRRT): 2019 Update
MI111-ED-SUB4 ............................ Station #4
Monday, Dec. 2, 2019

12:15–12:45 PM
Scientific Posters
18F-fluciclovine PET/CT in Primary Staging of Prostate Cancer
NM232-SD-MOA4  . . . . . . . . . . . . . . . . . . . . . . Station #4
Comparison of Metabolic Changes in the Liver with Hepatitis B Virus Infection and Fibrotic Change Using in Vivo Hyperpolarized 13C MR Spectroscopy: A Preliminary Study
MI204-SD-MOA1  . . . . . . . . . . . . . . . . . . . . . . Station #1
Diagnostic Performance FDG PET/CT-Guided Metabolic Biopsies in Thoracic Lesions
NM206-SD-MOA1  . . . . . . . . . . . . . . . . . . . . . . Station #1
Effect of Tract Ablation to Reduce Viable Tumor Cell Adhering in the Electrode After Radiofrequency Ablation for Tumor
MI205-SD-MOA2  . . . . . . . . . . . . . . . . . . . . . . Station #2
Fluorine-18 Labeled Hydroxyphenethylguanidines: Prospective PET Imaging Agents for the Detection and Localization of Adrenergic Malignancies
NM208-SD-MOA3  . . . . . . . . . . . . . . . . . . . . . . Station #3
Inflammation in Acute Aortic Intramural Hematoma: CTA and PET/CT Correlation
NM230-SD-MOA5  . . . . . . . . . . . . . . . . . . . . . . Station #5
The Role of FDG-PET/CT in the Staging and Restaging of Cholangiocarcinoma: Results of a 10-Year Analysis
NM207-SD-MOA2  . . . . . . . . . . . . . . . . . . . . . . Station #2

12:45–1:15 PM
Education Exhibits
Emergent Findings on PET/CT
NM127-ED-MOA6  . . . . . . . . . . . . . . . . . . . . . . Station #6
Finding the Target for Therapy by Imaging: A Comprehensive Review of the Theranostics (Re)Emerging in Nuclear Medicine
NM128-ED-MOA7  . . . . . . . . . . . . . . . . . . . . . . Station #7
Superparamagnetic Iron Oxide Nanoparticles: Applications and Developments in Diagnostics and Therapy
MI112-ED-MOA3  . . . . . . . . . . . . . . . . . . . . . . Station #3

Tuesday, Dec. 3, 2019

12:15–12:45 PM
Scientific Posters
Comparison of 18F-Fluciclovine PET/CT with Conventional Imaging in Prostate Cancer Patients with Biochemical Recurrence
NM233-SD-MOB4  . . . . . . . . . . . . . . . . . . . . . . Station #4
Non-blood Sampling Assessment for Quantitative Cerebral Blood Flow in PET with 150-labeled Oxygen Gas: Comparison with an Invasive Arterial Blood Sampling Method
NM211-SD-MOB3  . . . . . . . . . . . . . . . . . . . . . . Station #3
Preliminary Study of Integrin avß3 targeted USPIO/ DiD-PLGA-RGD Nanospheres for Magnetic Resonance and Fluorescence Bimodal Imaging of Gliomas
MI207-SD-MOB2  . . . . . . . . . . . . . . . . . . . . . . Station #2
Simultaneous Measurement of Split Renal Glomerular Filtration Rate, Effective Renal Plasma Flow and Regional Quantitative Imaging Using Model Analysis of Dynamic Area Detector CT Images
MI206-SD-MOB1  . . . . . . . . . . . . . . . . . . . . . . Station #1
Trends in Brain Death Scintigraphy at a Tertiary Care Trauma Center
NM231-SD-MOB5  . . . . . . . . . . . . . . . . . . . . . . Station #5

12:45–1:15 PM
Education Exhibits
A Beginner’s Guide to [177Lu]DOTATATE Peptide Receptor Radionuclide Therapy
MI113-ED-MOB3  . . . . . . . . . . . . . . . . . . . . . . Station #3
Prostate Cancer Imaging with 18F-Fluciclovine PET/CT: Physiologic Distribution, Clinical Applications, Interpretation Criteria and Pitfalls
NM129-ED-MOB6  . . . . . . . . . . . . . . . . . . . . . . Station #6
What is That Bright Spot? Mimics and Pitfalls in PET CT Scans in Oncological Imaging
NM130-ED-MOB7  . . . . . . . . . . . . . . . . . . . . . . Station #7
MDG PET/MRI Analysis in Neurodegenerative Disorders: How Strong is the Correlation between Volumetric Analysis and Hypometabolism?  
**NM241-SD-TUA5**  Station #5

Impact of PET/CT on Clinical Management in Patients with Cancer of Unknown Primary  
**NM240-SD-TUA4**  Station #4

In Vivo Multimodal Imaging and Phototherapy of Triple-Negative Breast Cancer Using a Cathepsin B-Activated Probe  
**MI220-SD-TUA4**  Station #4

Performance of 18F Cerenkov Luminescence Detection on General Optical Imaging Devices  
**MI208-SD-TUA1**  Station #1

Relationship between Decreased Cerebral Blood Flow in 123I-IMP SPECT and the Severity of Postoperative Memory Impairment of Anterior Communicating Artery Aneurysm: A Pilot Study  
**NM212-SD-TUA1**  Station #1

Simultaneously Calculation of Concentration of Contrast Media, Relaxivity, and Oxygen Extraction Fraction using Quantitative Parameter Mapping  
**MI209-SD-TUA2**  Station #2

The Utility of FDG-PET/CT in the Staging and Restaging of Orbital Malignancies  
**NM213-SD-TUA2**  Station #2

**12:15–12:45 PM**

**Education Exhibits**

Histiocytoses and Neoplasms of the Macrophage-Dendritic Cell Lineages: Multimodality Imaging with PET/CT Emphasis  
**NM131-ED-TUA6**  Station #6

Next Generation Sequencing for the Practicing Radiologist  
**MI006-EB-TUA**  Station #3

Spectrum of Incidental Vascular Findings on 18F-FDG PET/CT Imaging  
**NM132-ED-TUA7**  Station #7

**12:45–1:15 PM**

**Scientific Posters**

Clinical Significance of FDG Uptake by Bone Marrow on the Prognosis of Head and Neck Squamous Cell Carcinoma  
**NM221-SD-TUB1**  Station #1

Biological and Radiological Features as Prognostic Factors in ALK-positive Non-small-cell Lung Cancer  
**MI210-SD-TUB1**  Station #1

Effects of New Block Sequential Regularized Expectation Maximization (BSREM) Reconstruction Algorithm on Visualization and Quantification of Small Abdominal Malignant Tumors in FDG PET-CT Examinations  
**NM242-SD-TUB4**  Station #4

Qualitative [18F] FDG PET/MRI Assessment of Hypometabolism Patterns in Suspected Corticobasal Degeneration Syndromes  
**NM243-SD-TUB5**  Station #5

Role of a Portable Gammacamera for the Assessment of Margins Involvement after Radioguided Surgery of Pulmonary Nodules  
**NM217-SD-TUB3**  Station #3

The Use of Near Infrared Radiation Spectroscopy (NIRS) in Reconstructing 3D Oxygenated Dynamic Images as Biomedical Evidence in Monitoring Diabetic Foot  
**MI222-SD-TUB3**  Station #3

Variable Scintigraphic Presentations of Parathyroid Gland Hyperplasia on Parathyroid Scintigraphy: Results of a Multi-Year Analysis  
**NM216-SD-TUB2**  Station #2

Can Whole-Body MRI Help to Improve the Assessment of the Bone Scan ‘Flare Effect’ in Patients with Prostate Bone Metastases?  
**MI224-SD-WEA3**  Station #3
Comparison of 68Ga-DOTATOC PET-MRI and MR-DWI for Whole-Body Staging of Patients with Neuroendocrine Tumors

**NM245-SD-WEA5**  . . . . . . . . . . . . . . . . . . . . . . Station #5

Convolution Neural Network in Grading of Parkinson Syndrome on Dopamine Transporter Single Photon Emission CT (DaT-SPECT) with (123I) Ioflupane

**NM219-SD-WEA2**  . . . . . . . . . . . . . . . . . . . . . . Station #2

Malignancy Probabilistic Model in Mediastinal and Hilar Lymph Nodes in Lung Cancer Based on PET/CT and EBUS

**NM218-SD-WEA1**  . . . . . . . . . . . . . . . . . . . . . . Station #1

MUO-Metastasis of Unknown Origin in Head and Neck-Role of FDG PET CT in Finding the Culprit

**NM244-SD-WEA4**  . . . . . . . . . . . . . . . . . . . . . . Station #4

Whole-Body [18F]FDG-PET/MRI versus [18F]FDG-PET/CT in Melanoma Patients

**NM220-SD-WEA3**  . . . . . . . . . . . . . . . . . . . . . . Station #3

Whole-Body DWI in Lymphoma – First Order Global ADC Histogram Parameters Discriminate Lymphomatous Nodes from Normal Lymph Nodes

**MI223-SD-WEA2**  . . . . . . . . . . . . . . . . . . . . . . Station #2

12:15–12:45 PM

**Education Exhibits**

“Virtual Planar Image” Reconstructed from SPECT Data: How to Process and Its Clinical Feasibility

**NM135-ED-WEA6**  . . . . . . . . . . . . . . . . . . . . . . Station #6

Imaging in Chronic ThromboEmbolic Pulmonary Hypertension

**NM136-ED-WEA7**  . . . . . . . . . . . . . . . . . . . . . . Station #7

12:45–1:15 PM

**Scientific Posters**

A Radiomics Signature Based on 18F-FDG PET-CT for Classification of Tumor Histopathology in Non-Small Cell Lung Cancer

**NM237-SD-THA5**  . . . . . . . . . . . . . . . . . . . . . . Station #5

Association between 18F-fluoromisonidazole Uptake Heterogeneity and Isocitrate Dehydrogenase 1 Mutation in Patients with Newly Diagnosed High-Grade Gliomas

**NM224-SD-THA1**  . . . . . . . . . . . . . . . . . . . . . . Station #1

Basic Research on AQP9-MR Molecular Imaging of HCC: The Differential Expression of AQP9 in HCC Tumor Tissues

**MI213-SD-THA1**  . . . . . . . . . . . . . . . . . . . . . . Station #1

Multi-Molecular Probe-Based Micro PET Imaging Combined with Tumor Markers in Predicting Colorectal Cancer Liver Metastasis

**NM226-SD-THA3**  . . . . . . . . . . . . . . . . . . . . . . Station #3

Prediction of Therapy Response in Soft Tissue Sarcoma Based on Multi-Dimensional PET/MRI

**NM236-SD-THA4**  . . . . . . . . . . . . . . . . . . . . . . Station #4

Radiomics Features as a Predictor of Survival in Patients Affected by Pulmonary Metastatic Melanoma

**MI217-SD-THA2**  . . . . . . . . . . . . . . . . . . . . . . Station #2
The New Perspective of PET/CT for Axillary Node Staging in Breast Cancer Patients According to ACOSOG Z0011 Trial  
NM225-SD-THA2  . . . . . . . . . . . . . . . . . . . . . . Station #2

12:15–12:45 PM

Education Exhibits
How We Do It: A Multidisciplinary Approach to Lu-177 Dotatate PRRT (Peptide Receptor Radionuclide Therapy)  
NM139-ED-THA6 . . . . . . . . . . . . . . . . . . . . . . . Station #6
Tc-99m MAG3 Renogram is a Useful Non-Invasive Diagnostic Tool to Evaluate Renal Function After Carbon-Ion Radiotherapy (CIRT) in Patients with Renal Cell Carcinoma  
NM140-ED-THA7 . . . . . . . . . . . . . . . . . . . . . . . Station #7

12:45–1:15 PM

Scientific Posters
18F FDG as a Prognostic Imaging Biomarker in the Rra of LIRADS Diagnosis of Hepatocellular Carcinoma (HCC)  
NM239-SD-THB5  . . . . . . . . . . . . . . . . . . . . . . . Station #5
Association between 18F-FDG Uptake Heterogeneity and p16-Expression in Patients with Oropharyngeal Squamous Cell Carcinoma  
NM228-SD-THB2  . . . . . . . . . . . . . . . . . . . . . . . Station #2
Clinical Utility of 18FDG-PET/CT in Treatment Response Assessment and Follow-Up of Lung Tumors Treated with Stereotactic Body Radiotherapy  
NM238-SD-THB4  . . . . . . . . . . . . . . . . . . . . . . . Station #4
Correlation of the Prognostic Value between Deauville and RECL Therapy Response Scales in Hodgkin Lymphoma  
NM227-SD-THB1  . . . . . . . . . . . . . . . . . . . . . . . Station #1
CT Radiomic Features Predicting Epidermal Growth Factor Receptor Mutation Status of Exon 19 and Exon 21 in Lung Adenocarcinoma  
MI218-SD-THB2  . . . . . . . . . . . . . . . . . . . . . . . Station #2
Fe3+@PolyDOPA-b-Polysarcosine, a T1-Weighted MRI Contrast Agent via Controlled NTA Polymerization  
MI214-SD-THB1  . . . . . . . . . . . . . . . . . . . . . . . Station #1
Usefulness of Combined Analysis Using Both FDG-PET and Diffusion MRI in Predicting Overall Survival in Invasive Ductal Pancreatic Cancer  
NM229-SD-THB3  . . . . . . . . . . . . . . . . . . . . . . . Station #3

12:45–1:15 PM

Education Exhibits
Beyond Pulmonary Embolism (PE): A Pictorial Review of the Mimickers of PE and Incidental Findings on Ventilation/Perfusion (V/Q) Scintigraphy  
NM141-ED-THB6  . . . . . . . . . . . . . . . . . . . . . . . Station #6

Complexities and Complications: Lessons Learned in Developing a Lu-177 Theranostic Service from Research Trial to Clinical Practice  
NM142-ED-THB7  . . . . . . . . . . . . . . . . . . . . . . . Station #7
**Education Exhibits**

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NM116-ED-X  PET/MRI Neck Imaging: Applications, Protocols and Institutional Experience
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NM120-ED-X  FDG PET/CT Findings of Hepatic Tumor and Tumor-like Lesions Based on Molecule Background

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