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 99.25 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.
Walk Through The Week

SATURDAY, NOV 24, 2018

12:00–2:00 PM
Educational Courses
AAPM/RSNA Physics Tutorial Session 1
Session SPPH01 .................................. E351

2:15–4:15 PM
Educational Courses
AAPM/RSNA Physics Tutorial Session 2
Session SPPH02 .................................. E351

SUNDAY, NOV 25, 2018

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
Molecular Imaging (Brain)
Session SSA13 ................................. S504CD
Nuclear Medicine (Chest and Cardiovascular Nuclear Imaging)
Session SSA16 ................................. S505AB
Vascular Interventional (Chemo-Embolization and Radio-Embolization)
Session SSA25 ................................. S503AB

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 Discussions
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
Update on Imaging in Dementia
Course RC105 .............................................. E451A
Update on Radionuclide Therapies
Course RC111 ............................................ S505AB

MONDAY, NOV 26, 2018
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

8:30 AM–12:00 PM
Educational Courses
Neuroradiology Series: Brain Tumors
Course RC205 ............................................ S406B
Nuclear Medicine Series: New PET Tracers for Prostate Cancer (Interactive Session)
Course RC211 ............................................ S505AB

10:30 AM–12:00 PM
Educational Courses
Evolving Imaging Methods for the Cancer Patient - Part 2
(Interactive Session)
Course MSAS22 .......................................... S105AB
Molecular Imaging Symposium: Oncologic MI Applications
Course MSMI22 ........................................ S405AB

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

3:00–4:00 PM
Scientific Papers Sessions
Nuclear Medicine (Central Nervous System Nuclear Imaging)
Session SSE17 .......................... S505AB
Pediatrics (Oncology and Nuclear Medicine)
Session SSE21 .......................... E353B

3:30–5:00 PM
Educational Courses
Molecular Imaging Symposium: MI Case-based Discussion
Course MSMI24. .......................... S405AB

4:30–6:00 PM
Educational Courses
Special Interest Session: Imaging Cognition 2018: Addiction
Session SPSI22 .......................... E353C

TUESDAY, NOV 27, 2018
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

8:30–10:00 AM
Educational Courses
Case-based Review of Nuclear Medicine: PET/CT Workshop-
Head and Neck PET/CT (In Conjunction with SNMMI)
(Interactive Session)
Course MSCC31. .......................... E450B
Advances and Updates in SPECT/CT
Course RC311 .......................... S504CD
Challenging Cases in Body Oncologic Imaging (Interactive Session)
Course RC318 .......................... E353A

10:30 AM–12:00 PM
Scientific Papers Sessions
Molecular Imaging (Oncology)
Session SSG07 .......................... S504CD
Nuclear Medicine (Gastrointestinal Oncology Nuclear Imaging)
Session SSG09 .......................... S505AB
Neuroradiology (Molecular Neuroimaging: From Diffusion to Beyond)

Session SSG11 .............................. E351

10:30 AM–12:00 PM

Educational Courses

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

Course MSCC32 .............................. E450B

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 PET/CT (In Conjunction with SNMMI) (Interactive Session)

Course MSCC33 .............................. E450B

1:30–2:30 PM

Scientific Papers Sessions

BOOST: Lung, Mediastinum and Pleura

Session MSRO37 .......................... S103CD

3:00–4:00 PM

Scientific Papers Sessions

Breast Imaging (US Advanced Applications)

Session SSJ02 .............................. E353C

Cardiac (Myocardial Disease)

Session SSJ03 .............................. E353A

Science Session with Keynote: Cardiac (Oncology)

Session SSJ04 .............................. E260

Science Session with Keynote: Chest (Thoracic MRI)

Session SSJ05 .............................. S404AB

Molecular Imaging (Novel Multi-Modal Applications)

Session SSJ14 .............................. S505AB
Science Session with Keynote: Nuclear Medicine (Chest/Breast Oncology Nuclear Imaging)

Session SSJ17 ........................................ S504CD

Physics (Image Reconstruction)

Session SSJ22 ........................................ N227B

3:30–5:00 PM

Educational Courses
Case-based Review of Nuclear Medicine: PET/CT Workshop-Advances in PET (In Conjunction with SNMMI) (Interactive Session)
Course MSCC34 .......................... E450B

4:30–6:00 PM

Educational Courses
PET/CT and SPECT/CT in Movement Disorders, Epilepsy, and Dementia
Course RC411 ........................... S504CD

The Role of Molecular and Functional Imaging in Radiation Oncology
Course RC420 .............................. S403B

WEDNESDAY, NOV 28, 2018

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
Head and Neck PET/CT: Clinical Approach
Course RC511 .............................. S504CD

Emerging Technology: PET/MRI Update 2018
Course RC517 .............................. S505AB

Metabolic Tumor Imaging: Current and Beyond
Course RC518 .............................. N229

Advanced PET Imaging for Radiotherapy Planning and Response Assessment
Course RC522 .............................. N226

10:30 AM–12:00 PM

Scientific Papers Sessions
Cardiac (CT, MRI and PET: General Topics)
Session SSK03 .............................. S102CD

Molecular Imaging (New Tracers)
Session SSK12 .............................. S504CD
Nuclear Medicine (Lymphoma, Sarcoma and Melanoma)  
Session SSK14  . . . . . . . . . . . . . . . . . . . . . . . . . . S505AB

10:30 AM–12:00 PM
Educational Courses
BOOST: Lymphoma-Oncology Anatomy and 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

3:00–4:00 PM
Scientific Papers Sessions  
Molecular Imaging (Oncology Therapy)  
Session SSM14  . . . . . . . . . . . . . . . . . . . . . . . . . S505AB  
Nuclear Medicine (Thyroid/Parathyroid Imaging and Therapy)  
Session SSM16  . . . . . . . . . . . . . . . . . . . . . . . . . S504CD

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

THURSDAY, NOV 29, 2018
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
Hot Topic Session: Beyond FDG: Advancing PET Imaging of the Human Disease  
Session SPSH50  . . . . . . . . . . . . . . . . . . . . . . . . . E353A
8:30–10:00 AM
Educational Courses
Advances in Cardiac Nuclear Imaging: SPECT/CT and PET/CT
Course RC611 .......................... S504CD
Advanced Breast Imaging Technologies
Course RC615 ............................. E451A
Emerging Technologies: Prostate Cancer Imaging & Management - Update 2018
Course RC617 ........................... S505AB

10:30 AM–12:00 PM
Scientific Papers Sessions
Chest (Functional Lung Imaging/Dual-Energy CT/Radiation Dose Reduction)
Session SSQ05 ........................ E353B
Molecular Imaging (Musculoskeletal, Gastrointestinal, Cardio)
Session SSQ12 .......................... S504CD
Nuclear Medicine (Technical Innovations and Emerging Opportunities)
Session SSQ14 ........................... S505AB

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: Biomarker and Personalized Medicine in Lung Cancer Imaging
Session SPSH52 ........................... E350
Hot Topic Session: Immunotherapy for Cancer-A Demanding New Imaging Frontier
Session SPSH54 ........................... S503AB

4:30–6:00 PM
Educational Courses
Improving PET Interpretation (Interactive Session)
Course RC711 ........................... S504CD
Emerging Technology: Imaging of Dementias
Course RC717 . . . . . . . . . . . . . . . . . . . . . . . . . . . S505AB

FRIDAY, NOV 30, 2018
8:30–10:00 AM
Educational Courses
Review of Pediatric Nuclear Medicine
Course RC811 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E263

10:30 AM–12:00 PM
Scientific Papers Sessions
Chest (Thoracic Malignancy)
Session SST02 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E350
Nuclear Medicine (Abdomen and Pelvis Nuclear Imaging)
Session SST06 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E261
Physics (Nuclear Medicine, Quantitative Image Analysis in Imaging and Radiation Therapy)
Session SST09 . . . . . . . . . . . . . . . . . . . . . . . . . . . . E264

Posters and Exhibits
Discussions
(CME is available when the author is present for discussion during the lunch period)

SUNDAY, NOV 25, 2018
12:30–1:00 PM
Scientific Posters
Chemical Exchange Saturation Transfer Imaging for Brain Tumors
MI203-SD-SUA4 . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #4
Evaluation of a Fast Protocol for Staging Patients with Bronchial Cancer Using PET/MRI
NM200-SD-SUA1 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #1
Multimodal Perfusion Study in an Experimental Ex Vivo Pig Kidney Phantom Using Digital Subtraction Angiography, Magnetic Resonance Imaging, and Magnetic Particle Imaging
MI202-SD-SUA3 . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #3
Noninvasive Early Detection and Dynamic Mapping of Liver Fibrosis and Cancer Heterogeneity by Collagen-Targeted Protein MRI Contrast Agent
MI200-SD-SUA1 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Station #1
Quantitative Assessment of Aging and Long-Term Interval Changes on Lung FDG Uptake with using PET/CT Imaging
NM203-SD-SUA4 ............................... Station #4

Role of Tri-PET in Managing Indolent Lymphomas
NM202-SD-SUA3 ............................... Station #3

Value of Quantitative Parameters and Metabolic Heterogeneity of 18F-FDG PET/CT to Predict Prognosis in Patients with Primary Oropharyngeal Carcinoma
NM201-SD-SUA2 ............................... Station #2

12:30–1:00 PM

Education Exhibits
Personalizing Immune-Oncology Therapies by Imaging Guided Adaptive Strategies
MI002-EB-SUA ............................... Hardcopy Backboard

The Renaissance of Thallium SPECT in Neuro-Oncology: A Pictorial Review of Radiation Necrosis versus Tumour Recurrence
NM002-EB-SUA ............................... Hardcopy Backboard

1:00–1:30 PM

Scientific Posters
68Ga-Labelled PSMA-11 PET/CT in Prostate Cancer Patients for Primary Staging and Localization of Biochemical Relapse
NM205-SD-SUB2 ............................... Station #2

Acquisition Protocol Optimization for 68ga-PSMA PET/MR Studies Based on Image Quality and Lesion Detectability
NM206-SD-SUB3 ............................... Station #3

DWI with FASE Sequence at a 3T System vs. DWIs with EPI Sequence at 1.5T and 3T Systems vs. FDG-PET/CT: Quantitative Capability for Differentiating Malignant from Benign Solitary Pulmonary Nodules
MI206-SD-SUB3 ............................... Station #3

Ex-vivo Monitoring of Hyperpolarized [1-¹³C] Pyruvate Metabolism in Human Breast Cancer Xenograft Tumor Slices
MI205-SD-SUB2 ............................... Station #2

Global Analysis of FDG and PiB PET and the Assessment of Joint FDG+PiB Image Analysis of 107 Deceased Dementia Patients in Comparison to Their Autopsy-Verified Diagnoses
NM204-SD-SUB1 ............................... Station #1

Global Metabolic Activity of the Rectus Abdominis Muscle with 18F-FDG-PET/CT: Emphysema Patients versus Control Subjects
NM207-SD-SUB4 ............................... Station #4

Radiolabeled Monoclonal Antibody BC8: Differences in Biodistribution and Dosimetry Among Hematologic Malignancies
MI204-SD-SUB1 ............................... Station #1
Timely Visualizing the Collaterals Formed During Acute Ischemic Stroke with Fe3O4 Nanoparticle-Based MR Imaging Probe

**MI207-SD-SUB4** .................................................. Station #4

**1:00–1:30 PM**

**Education Exhibits**

Hybrid Multiparametric 3 Tesla PET/MRI in Pelvic Malignancies: From Protocol Design to Clinical Application

**MI116-ED-SUB5** .................................................. Station #5

Oncologic Applications of 18F-Fluorodopa: Current Concepts on a Case-Based Approach

**NM141-ED-SUB5** .................................................. Station #5

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**MONDAY, NOV 26, 2018**

**12:15–12:45 PM**

**Scientific Posters**

[18F]-Fluoroestradiol PET Imaging of Tumors with Activating Mutations at Tyrosine-537 in Estrogen Receptor Alpha in Breast Cancer

**MI208-SD-MOA1** .................................................. Station #1

18F-Alfatide PET/CT in Assessment of Locoregional Lymph Nodes in Thoracic Esophageal Squamous Cell Cancer: Comparison with 18F-FDG PET/CT

**NM209-SD-MOA2** .................................................. Station #2

Added Value of 68ga-Psma Ligand PET/CT over Low-Dose CT in Characterisation of Skeletal Lesions in Prostate Cancer: A Retrospective Insight

**NM212-SD-MOA5** .................................................. Station #5

Correlation of Simultaneously-Acquired SUV of 18FDG and Apparent Diffusion Coefficient in Soft Tissue and Bone Tumors Using Voxel-By-Voxel Analysis

**NM210-SD-MOA3** .................................................. Station #3

Elucidating Mechanisms of Acute Sports Concussion with PET/MRI

**NM211-SD-MOA4** .................................................. Station #4

Is there a Correlation Between Levels of PSA and SUVmax Values in Patients Evaluated with [68Ga]PSMA PET/CT to be Applied in Prostatic Cancer Patient Follow Up and as a Prognosis Factor?

**NM208-SD-MOA1** .................................................. Station #1

Lack of Immune Response Following Ultrasound Adenoviral Gene Transfer in a Mouse Cancer Model

**MI210-SD-MOA3** .................................................. Station #3

Molecular US Characterization of Metastatic Sentinel Lymph Nodes in Melanoma

**MI209-SD-MOA2** .................................................. Station #2
12:15–12:45 PM
Education Exhibits
Clinical Pediatric PET/MR Program: A Guide to Successful Implementation
NM142-ED-MOA6  ........................................... Station #6
Pancreatic Neuroendocrine Tumors (pNETs) Recognized in New AJCC Staging System 8th Edition: What Radiologists Need to Know
MI117-ED-MOA4  ........................................... Station #4

12:45–1:15 PM
Scientific Posters
Comparing F18-Fluorodeoxyglucose Positron Emission Tomography with MRI (F18-FDG PET-MRI), F18-FDG PET-CT and MRI Imaging for Staging and Restaging of Head and Neck Cancer (HNC)
NM215-SD-MOB3  ........................................... Station #3
Diagnostic Utility of 68-Galium-Prostate Specific Membrane Antigen Positron Emission Tomoraphy-Computed Tomography (68-Ga-PSMA PET-CT) in High and Intermediate Risk Prostate Cancer
MI213-SD-MOB3  ........................................... Station #3
Imaging of Peptide Functionalized Nanoparticles Using T1 Mapping in Detecting Marginal Infiltration of GBM
MI212-SD-MOB2  ........................................... Station #2
In Vivo Imaging of the Tumor Microenvironment Allows for Estimation of Local Invasive and Metastatic Potential
MI211-SD-MOB1  ........................................... Station #1
Intraindividual Comparison of Subsequently Performed PET/MRI to PET/CT for Whole-Body Staging: Results of a Unicenter Trial in 1000 Patients
NM213-SD-MOB1  ........................................... Station #1
Treatment of Castration-Resistant Prostate Cancer with Radium-223 Dichloride: A Clinical Experience
NM214-SD-MOB2  ........................................... Station #2
Whole-body Staging Concept of Patients with Temporal Lobe Epilepsy Using Hybrid [(18) FDG] - PET/MRI
NM216-SD-MOB4  ........................................... Station #4

12:45–1:15 PM
Education Exhibits
Carcinoma Tongue: It’s Comparative Evaluation on 3T MRI, DWI, PET-CT and PET-MRI Fusion
MI118-ED-MOB4  ........................................... Station #4
Signs and Artifacts in Amyloid PET Imaging
NM003-EB-MOB  ...................................... Hardcopy Backboard
The Many Faces of Parathyroid Adenoma - Approach to Multimodality Imaging in Challenging Cases

**TUESDAY, NOV 27, 2018**

**12:15–12:45 PM**

**Scientific Posters**

Controlled Technique of F18 FDG Dose Reduction for Digital Photon Counting PET/CT Using List Mode Data Truncation

**NM218-SD-TUA2** .......................................................... Station #2

Correlation of Immunohistochemical Parameters, Apparent Diffusion Coefficient (ADC) and Standardized Uptake Value (SUV) in Lung Cancer Using Hybrid PET/MRI

**NM219-SD-TUA3** .......................................................... Station #3

MR Imaging of Zinc Depletion in Prostate Cancer

**MI218-SD-TUA4** .......................................................... Station #4

Noninvasive Magnetic Resonance/Photoacoustic Imaging for Photothermal Therapy Response Monitoring

**MI217-SD-TUA3** .......................................................... Station #3

PET/3-T MRI in Locally Advanced Rectal Cancer: Role of SUV and ADC Volumetric Histograms-Based Analyses in Predicting the Tumor Regression Grade After Preoperative Chemoradiotherapy

**NM220-SD-TUA4** .......................................................... Station #4

Prediction of Tumor Biological Characteristics in Different Colorectal Cancer Liver Metastasis Animal Models Using 18F-FDG and 18F-FLT

**MI216-SD-TUA2** .......................................................... Station #2

Radiation Dose Reduction of PET-CT Scans by Adjusting F18-FDG Dose Based On Patient BMI and Modifying Low-Dose CT Protocol

**NM217-SD-TUA1** .......................................................... Station #1

Susceptibility Weighted Imaging Study of SPIO Labeled Bone Marrow Mesenchymal Stem Cells Transplanting into Cerebral Ischemic Rats

**MI214-SD-TUA1** .......................................................... Station #1

The Role of 18F-FDG SPECT/CT in Predicting EGFR Gene Mutation Status in Lung Adenocarcinoma

**NM221-SD-TUA5** .......................................................... Station #5

**12:15–12:45 PM**

**Education Exhibits**

Lymphoscintigraphy in Cutaneous Melanoma: Usual and Unexpected Pathways of Lymphatic drainage

**NM145-ED-TUA7** .......................................................... Station #7
The ABCs of FACBC: Helpful Hints to Interpret FDA Approved Fluciclovine F-18 PET/CT For Prostate Cancer Recurrence
MI119-ED-TUA5 .................................. Station #5

The Utility of PET/MR in Head and Neck Cancer
NM144-ED-TUA6 .................................. Station #6

12:45–1:15 PM
Scientific Posters
68Ga-RM2 PET/MRI Detection of Recurrent Prostate Cancer in Patients with Negative Conventional Imaging
MI223-SD-TUB5 .................................. Station #5

Are Staging F-18-FDG PET/MRI Radiomic Features Associated with Metastases in Cancer of the Gastro-Esophageal Junction?
NM225-SD-TUB4 .................................. Station #4

Comparison Of 68 GA PSMA And Whole Body Diffusion Weighted MR Imaging In Staging Of High Risk Prostate Cancer
MI222-SD-TUB4 .................................. Station #4

Effects of New Block Sequential Regularized Expectation Maximization (BSREM) Reconstruction Algorithm on SUVmax, MTV, and Changes of SUVmax on FDG PET-CT Before and After Neoadjuvant Chemotherapy in Patients with Esophageal Cancer
NM223-SD-TUB2 .................................. Station #2

MR Imaging Radiomics of NSCLC Brain Metastases: A Potential Targetable Imaging Biomarker for EGFR Status
MI219-SD-TUB1 .................................. Station #1

Solitary Pulmonary Nodules: Comparison of Differentiation Capability Among Actual Diffusion-Weighted Imaging and Computed Diffusion-Weighted Imaging at Different b Values and FDG-PET/CT
MI221-SD-TUB3 .................................. Station #3

Synthesis and Evaluation of a 68Ga-DOTA Labelled Peptidomimetic Inhibitor of Matriptase for PET Imaging
MI220-SD-TUB2 .................................. Station #2

Time Course Change and Reproducibility of 18F-FAZA in the Patient with Head and Neck Squamous Cell Carcinoma
NM224-SD-TUB3 .................................. Station #3

To Evaluate the Unknown Primary Site of Tumour with 68Ga-DOTATOC PET/CT in Patients with Known Metastatic Neuroendocrine Tumor
NM222-SD-TUB1 .................................. Station #1

12:45–1:15 PM
Education Exhibits
Our First Year with Gallium-68 DOTATATE PET/CT: Lessons Learned Through RAD-PATH Correlation and Potential Pitfalls
NM146-ED-TUB5 .................................. Station #5
Wednesday, Nov 28, 2018

12:15–12:45 PM

Scientific Posters

Comparing TNM Staging Adequacy and Processing Time of Structured Reports versus Fully Segmented and Annotated PET/CT Data of Non-Small Cell Lung Cancer
NM228-SD-WEA3 ........................................ Station #3

Essential Information Which Helps to Reduce Negative FDG PET-CT Study in Investigating Large Vessel Vasculitis
NM227-SD-WEA2 ........................................ Station #2

Impact of Different Iterative Metal Artifact Reduction (iMAR) Algorithms on PET/CT Attenuation Correction in Artifacts After Port Implantatio
NM226-SD-WEA1 ........................................ Station #1

Implications of Empiric I-131 Activity Administration to Treat Thyroid Cancer in Patients with Abnormal Renal Function
NM230-SD-WEA5 ........................................ Station #5

Intelligent Bi2S3-Protein Nanocomposites for pH-Responsive Rapid Clearance and Oxygen Enhanced Radiotherapy
MI227-SD-WEA4 ........................................ Station #4

Inter-Reader and Inter-Criteria Agreement of Three Interpretation Criteria of 68Ga-PSMA PET
MI224-SD-WEA1 ........................................ Station #1

Patterns of 68Ga-PSMA-HBED Uptake of Sympathetic Ganglia on PET/CT
MI226-SD-WEA3 ........................................ Station #3

Prevalence and Characteristics of 68Ga-PSMA-11 Uptake in the Prostatic Central Zone on PET-MR
MI225-SD-WEA2 ........................................ Station #2

The Imaging and Uptake Properties of 5 nm USPIO Nonspecific MR Contrast Agents in Vitro and In Rats’ Liver
MI228-SD-WEA5 ........................................ Station #5

To Evaluate the Role of FDG PET/CT in Patients with Cutaneous Squamous Cell Carcinoma for Initial Staging
NM229-SD-WEA4 ........................................ Station #4

12:15–12:45 PM

Education Exhibits

Peptide Receptor Radionuclide Therapy (PRRT): Update
NM147-ED-WEA6 ........................................ Station #6

12:45–1:15 PM

Scientific Posters

Clinical Features of Secondary Primary Malignancies in Patients with Differentiated Thyroid Cancer Treated by Radioactive Iodine
NM235-SD-WEB5 ........................................ Station #5
Comparing Osseous Lesions on 11C-Choline PET/CT and MRI in Prostate Cancer
NM232-SD-WEB2 ........................................... Station #2

Comparison of Different Metal Artifact Reduction (MAR) Techniques in 18F-FDG PET/CT Examinations: How Do They Impact Attenuation Correction in Metal Implants?
NM233-SD-WEB3 ........................................... Station #3

Examination of the Sentinel Lymph Node Scintigraphy Standardization
MI229-SD-WEB1 ........................................... Station #1

Multifunctional Microbubble for Tumor Microenvironment-Responsive Enhanced Prostate Cancer Radiotherapy
MI231-SD-WEB3 ........................................... Station #3

Plectin/Integrin-Targeted Bispecific Molecular Probe for the MRI/NIRF Imaging of Pancreatic Cancer
MI230-SD-WEB2 ........................................... Station #2

Prognostic Utility of Semi-Quantitative Metrics from Pre-Treatment F-18 FDG PET/CT of Ewing Sarcoma
NM234-SD-WEB4 ........................................... Station #4

Red Emissive Metalloporphyrin-Based Nanodots for Magnetic Resonance Imaging and Photodynamic Therapy in Vivo
MI232-SD-WEB4 ........................................... Station #4

Standardized Uptake Value Atlas: Physiological and Abnormal 68Ga-RM2 Uptake in Patients with Prostate Cancer
MI233-SD-WEB5 ........................................... Station #5

Variability of Cold-Activated Brown Adipose Tissue Depends on Thermoregulatory Brain Network
NM231-SD-WEB1 ........................................... Station #1

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Education Exhibits

Immunotherapy in Oncology: Image Evaluation of the Adverse and Toxic Effects of Checkpoint Inhibitors
NM148-ED-WEB6 ........................................... Station #6

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Scientific Posters

18F-FDG PET/CT Postoperative Changes after Maxillectomy: Findings and Pitfalls in Interpretation
NM238-SD-THA3 ........................................... Station #3

Added Value of Gastric Water Distension and Delayed FDG-PET/CT Scan in Characterization of the Gastric FDG Uptake
MI235-SD-THA2 ........................................... Station #2
Characterizing Bladder Uptake in Fluciclovine PET: Potential for Diagnostic Uncertainty?

Correlation of 11C-4DST Uptake with Isocitrate Dehydrogenase 1 Mutation in Patients with Gliomas in Comparison with 18F-FLT Uptake

Diagnostic Accuracy of Combined 123I-MIBG Scintigraphy and 123I-FP-CIT SPECT in the Differential Diagnosis of Degenerative Parkinsonism

Evaluating the Role of 68Ga-PSMA PET/CT Imaging in Predicting Intraprostatic Tumor Extent of Tumor Involvement Prior to Various Surgical Protocols in Patients with Known or Diagnosed Prostatic Cancer

Imaging of Atherosclerotic Plaque Burden in ApoE KO Mice: A Comparison of In Vivo 7T MRI and Ex Vivo MicroCT

Impact of Patient Comfort on Diagnostic Image Quality during PET/MR Exam: An Objective Survey Study for Clinical Workflow Management

MR Imaging of NK92 Cells and Breast Cancer Tumors using hFTH1 Reporter Gene Carried by Dendrimer-Entrapped Gold Nanoparticles

"A Burning Issue:" The Utilization of Tc-99m MDP Bone Scan with SPECT/CT in the Burn Unit

Accuracy of the Staging of the Locally Advanced Penile Carcinoma Using 18F-FDG-PET/MRI

Comparison of TNM Stage Evaluation Capability among Whole-Body MRI at 1.5T and 3T MR Systems, PET/MRI at 1.5T and 3T MR Systems and PET/CT in Non-small Cell Lung Cancer Patients

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Education Exhibits

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Scientific Posters
Evaluating the Role of 18F-FDG PET/CT in Diabetic Foot  
**Station #3**

Hyperintense Rim Sign on MRI STIR as a Diagnostic Correlate of Dermal Backflow on Lymphoscintigraphy in Patients with Upper Extremity Lymphedema  
**Station #5**

Imaging the Tumor Microenvironment in Vivo – Regulatory Mechanisms of Tumor Promoting Biomarker S100A9  
**Station #2**

Size of Detectable Melanoma Metastases to Brain  
**Station #2**

The Iodine/FDG “Flip-Flop” Phenomenon is Ambiguous in Bone Metastasis from Thyroid Cancer: Significant FDG Uptake is Observed Even in Iodine-Positive Lesions  
**Station #1**

Utility Of PET/CT 68GA-DOTA-UBI [29-41] for Diagnosis of Infection in Patients with Orthopedic Implants  
**Station #4**

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**Education Exhibits**

Theranostic Imaging of Prostate Cancers: 68Ga PSMA PET/CT / 177Lu PSMA Radionuclide Therapy  
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