COMPUTED TOMOGRAPHY

104th Scientific Assembly and Annual Meeting
Radiological Society of North America
McCormick Place, Chicago

November 25–30
Meeting.RSNA.org #RSNA18
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 Symposiums 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

SUNDAY, NOV 25, 2018
10:45 AM–12:15 PM
Scientific Papers Sessions
Breast Imaging (Contrast Enhanced Spectral Mammography)
Session SSA02 .................................... E450B
Science Session with Keynote: Cardiac (Coronary CTA: Flow and Fractional Flow Reserve)
Session SSA03 ..................................... S404AB
Chest (Emphysema/COPD)
Session SSA05 .................................... E451A
Science Session with Keynote: Emergency Radiology (Imaging Algorithms, Modalities and Techniques)
Session SSA06 ..................................... S405AB
Science Session with Keynote: Gastrointestinal (Radiomics)
Session SSA07 ..................................... N226
Musculoskeletal (Lower Extremity)
Session SSA15 .................................... E353B
Nuclear Medicine (Chest and Cardiovascular Nuclear Imaging)
Session SSA16 ..................................... S505AB
Physics (Dual-Energy/Spectral CT)
Session SSA21 ..................................... S103AB

2:00–3:30 PM
Educational Courses
Interstitial Lung Disease: Update 2018
Course RC101 .................................... S406A
Opportunistic CT Screening for Osteoporosis, Sarcopenia, and Adiposity
Course RC104 .................................... E450B
CTA for TAVR and Other Aortic Valve Replacements
Course RC112 .................................... N230B
Advances in CT: Technologies, Applications, Operations-Quantitative CT (QIBA)
Course RC121 .................................... E351
CTA from Head to Toe
Course RC131 .................................... S503AB
MONDAY, NOV 26, 2018

8:30–10:00 AM
Educational Courses
Cardiac CT Mentored Case Review: Part I (In Conjunction with the North American Society for Cardiovascular Imaging) (Interactive Session)
Course MSMC21 .................................................. S406A
The Many Facets of Organizing Pneumonia: A Rad-Path Guide to Understanding and Diagnosis
Course RC201 .................................................. E351
Coronary CTA and Calcium Scoring
Course RC203 .................................................. E263
Advances in CT: Technologies, Applications, Operations-Special Purpose CT
Course RC221 .................................................. S102CD
CT Dose Monitoring: Nuts, Bolts, and Tools... and What We Need to Build
Course RC224 .................................................. N229

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

10:30 AM–12:15 PM
Educational Courses
Cardiac CT Mentored Case Review: Part II (In Conjunction with the North American Society for Cardiovascular Imaging) (Interactive Session)
Course MSMC22 .................................................. S406A

10:30 AM–12:00 PM
Scientific Papers Sessions
Science Session with Keynote: Cardiac (Coronary Artery Disease: Practice and Prognosis)
Session SSC01 .................................................. S504CD
Chest (Lung Cancer Screening)
Session SSC03 .................................................. E451A
Emergency Radiology (Thoracic, Cardiac and Vascular)
Session SSC04 .................................................. S504AB
Gastrointestinal (Liver Diffuse Disease, Fibrosis)
Session SSC06 .................................................. N229
Science Session with Keynote: Genitourinary (New Techniques for Renal Imaging)
Session SSC07 .................................................. S503AB
Science Session with Keynote: Musculoskeletal (Body Composition)
Session SSC10 ........................................ S102CD

Physics (CT: New Systems)
Session SSC13 ........................................ N230B

12:30–1:30 PM
Lunch and Learns
Lunch and Learn: X-Ray in Motion: Changing the Role of Radiology in Pulmonary Function Assessment and Diagnosis: Presented by Konica Minolta Healthcare (invite-only)
Session LL13 ........................................... S403A

1:30–2:45 PM
Educational Courses
Basic Physics Lecture for the RT: Dual Energy CT Applications in Radiation Therapy
Session SPPH21 ................................. S402AB

1:30–3:00 PM
Educational Courses
Cardiac CT Mentored Case Review: Part III (In Conjunction with the North American Society for Cardiovascular Imaging) (Interactive Session)
Course MSMC23 ................................. S406A

3:00–4:00 PM
Scientific Papers Sessions
Cardiac (CTA: General Topics)
Session SSE03 ................................. N229
Chest (Airway Disease)
Session SSE05 ................................. N230B
Science Session with Keynote: Emergency Radiology (Forensic and Musculoskeletal Imaging)
Session SSE06 ................................. E353A
Gastrointestinal (Advanced Imaging Texture Analysis)
Session SSE09 ................................. S404CD
Gastrointestinal (General Abdominal Oncology)
Session SSE10 ................................. S403A
Genitourinary (Imaging of Renal Stones)
Session SSE11 ................................. S102CD
Science Session with Keynote: Genitourinary (Adrenal Imaging)
Session SSE12 ................................. S103AB
Musculoskeletal (Metal Artifact Reduction Techniques)
Session SSE16 ................................. N227B
Neuroradiology/Head and Neck (Thyroid and Parathyroid Imaging)
Session SSE18 ....................................................... E351
Physics (CT: QA and Protocols)
Session SSE22 ....................................................... S504AB

3:30–5:30 PM
Educational Courses
Cardiac CT Mentored Case Review: Part IV (In Conjunction with the North American Society for Cardiovascular Imaging) (Interactive Session)
Course MSMC24 ....................................................... S406A

TUESDAY, NOV 27, 2018
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
Essentials of Chest Imaging
Course MSES31 ....................................................... S100AB
Pulmonary Vascular Imaging
Course RC301 ....................................................... S104B
Current Imaging of the Appendix
Course RC308 ....................................................... E353C
Advances and Updates in SPECT/CT
Course RC311 ....................................................... S504CD
Emerging Technology: Dual Energy and Spectral CT Update 2018
Course RC317 ....................................................... S505AB
Challenging Cases in Body Oncologic Imaging (Interactive Session)
Course RC318 ....................................................... E353A
Advances in CT: Technologies, Applications, Operations-Spectral CT
Course RC321 ....................................................... E351

8:30 AM–12:00 PM
Educational Courses
Cardiac Series: Emerging Cardiovascular MR and CT Imaging Techniques
Course RC303 ....................................................... E350
Gastrointestinal Series: Advances in Abdominal CT
Course RC309 ....................................................... E451A
Vascular Series: CT Angiography: New Techniques and Their Application
Course RC312 ............................. S502AB

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

10:30 AM–12:00 PM
Plenary Sessions
Tuesday Morning Plenary Session
Session PS31 ............................. E451B

10:30 AM–12:00 PM
Scientific Papers Sessions
Cardiac (Coronary Atherosclerosis)
Session SSG02 ............................. S104B
Chest (Lung Nodule)
Session SSG03 ............................. S504AB
Emergency Radiology (Brain, Head, Neck and Spine)
Session SSG04 ............................. S403A
Musculoskeletal (Machine Learning and Artificial Intelligence)
Session SSG08 ............................. S102CD
Nuclear Medicine (Gastrointestinal Oncology Nuclear Imaging)
Session SSG09 ............................. S505AB
Physics (CT: Radiation Dose)
Session SSG12 ............................. S404CD
Physics (CT: New Techniques)
Session SSG14 ............................. S405AB

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
Science Session with Keynote: Chest (Thoracic MRI)
Session SSJ05 ............................. S404AB
Science Session with Keynote: Emergency Radiology (Practice Management)
Session SSJ06 ................................................. S402AB
Gastrointestinal (Quantitative Imaging Analysis)
Session SSJ09 ................................................. S104B
Molecular Imaging (Novel Multi-Modal Applications)
Session SSJ14 ................................................. S505AB
Musculoskeletal (Advances in Computed Tomography)
Session SSJ15 .................................................. E350
Science Session with Keynote: Nuclear Medicine (Chest/Breast Oncology Nuclear Imaging)
Session SSJ17 ................................................. S504CD
Physics (Image Reconstruction)
Session SSJ22 ................................................. N227B
Physics (CT: Cone-Beam CT in Imaging and Radiation Therapy)
Session SSJ23 .................................................. N226

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
Occupational Lung Disease
Course RC401 .................................................. E450A
Imaging of the Colorectum
Course RC409 .................................................. E352
PET/CT and SPECT/CT in Movement Disorders, Epilepsy, and Dementia
Course RC411 .................................................. S504CD
Peripheral Artery Disease: CTA and MRA
Course RC412 .................................................. N230B
Tips, Tricks and Pitfalls in Body Oncological Imaging: Experts Tell All
Course RC418 .................................................. N229
Advances in CT: Technologies, Applications, Operations - CT Performance
Course RC421 .................................................. N226
Dual Energy CT for Radiotherapy Applications
Course RC422 .................................................. S104A
**Wednesday, Nov 28, 2018**

**8:30–10:00 AM**

**Educational Courses**

- Essentials of Cardiac Imaging
  - Course MSES41 .................................. S100AB
- Lung Cancer Screening Diagnosis Live (Interactive Session)
  - Course RC501 ................................. E353C
- Essentials of Temporal Bone Imaging
  - Course RC506 ................................. E451A
- Head and Neck PET/CT: Clinical Approach
  - Course RC511 .................................. S504CD
- Advances in CT: Technologies, Applications, Operations-Functional CT
  - Course RC521 ................................. E351
- Optimization and Technology in Interventional Radiology
  - Course RC523 .................................. S403B

**8:30 AM–12:00 PM**

**Educational Courses**

- Neuroradiology Series: Stroke
  - Course RC505 ................................. E450A
- Emergency Radiology Series: Contemporary Topics in Imaging of Trauma
  - Course RC508 .................................. S406B

**9:20–10:20 AM**

**Educational Courses**

- ASRT@RSNA 2018: Tips and Tricks - Radiation Dose Aspects in Oncologic CT Imaging
  - Course MSRT42 ............................... N230B

**10:30 AM–12:00 PM**

**Educational Courses**

- BOOST: Lymphoma-Oncology Anatomy and Case-based Multidisciplinary Review (Interactive Session)
  - Course MSR042 ............................... S103CD

**10:30 AM–12:00 PM**

**Scientific Papers Sessions**

- Cardiac (CT, MRI and PET: General Topics)
  - Session SSK03 ............................... S102CD
  - Cardiac (Valves Imaging and Intervention)
  - Session SSK04 ............................... S103AB
- Science Session with Keynote: Gastrointestinal (Colorectal Imaging)
  - Session SSK06 ............................... S502AB
Gastrointestinal (Dual-Energy CT Techniques)
Session SSK08 ........................................ S404CD

Genitourinary (Renal Masses)
Session SSK09 ........................................ N226

Nuclear Medicine (Lymphoma, Sarcoma and Melanoma)
Session SSK14 ........................................ S505AB

Neuroradiology (Stroke Imaging and Intervention)
Session SSK15 ........................................ E350

Physics (CT: Image Quality)
Session SSK18 ........................................ E353C

1:30–3:00 PM
Educational Courses
Case-based Review of Thoracic Radiology (Interactive Session)
Course MSCT41 ........................................ S406A

2:20–3:20 PM
Educational Courses
ASRT@RSNA 2018: CT Colonography - The New Kid on the Block
Course MSRT45 ........................................ N230B

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

3:00–4:00 PM
Scientific Papers Sessions
Cardiac (Arrhythmia and Electrophysiology)
Session SSM04 ........................................ S103AB

Chest (Vascular/Interventional)
Session SSM05 ........................................ S404CD

Chest (Diffuse Lung Disease)
Session SSM06 ........................................ S402AB

Emergency Radiology (Abdomen and Pelvis Trauma)
Session SSM07 ........................................ S404AB

Gastrointestinal (Gallbladder and Bile Ducts)
Session SSM09 ........................................ S503AB

Nuclear Medicine (Thyroid/Parathyroid Imaging and Therapy)
Session SSM16 ........................................ S504CD

Neuroradiology/Head and Neck (Dual-Energy CT in Head and Neck Imaging)
Session SSM17 ........................................ N228
Physics (Photon-Counting CT)
Session SSM21 ................................. S104B
Vascular Interventional (Portal Interventions)
Session SSM24 ................................. E264

4:30–5:30 PM
Educational Courses
BOOST: eContouring (Spinal SBRT)
Course MSRO49 ............................... S104B

4:30–6:00 PM
Educational Courses
Controversy Session: CT or MRI after Equivocal Appendix Visualization on Pediatric Ultrasound?
Session SPSC43 ............................... N226
Controversy Session: CTA or MRA?
Session SPSC45 ............................... E353A

THURSDAY, NOV 29, 2018
7:15–8:15 AM
Educational Courses
Neuro Nightmares: Headscratchers from Overnight (Case-based Competition)
Session SPDL50 ............................... E451B

8:30–10:00 AM
Educational Courses
Practical HRCT of the Lung (Interactive Session)
Course RC601 ................................. N228
Cardiac Imaging for Transcatheter Intervention Planning
Course RC603 ................................. S103CD
Advances in Cardiac Nuclear Imaging: SPECT/CT and PET/CT
Course RC611 ................................. S504CD
Advances in CT: Technologies, Applications, Operations - CT Systems
Course RC621 ................................. S403A
Advances in Cone Beam CT Acquisition and Reconstruction in Radiotherapy
Course RC622 ................................. S504AB

10:30 AM–12:00 PM
Educational Courses
Essentials of Trauma Imaging
Course MSES52 ............................... S406B
10:30 AM–12:00 PM

Scientific Papers Sessions
Cardiac (Great Vessels and Cardiopulmonary Disease)
Session SSQ02 .................................................. S404AB

Science Session with Keynote: Cardiac (Coronary Artery Disease: CT and MR Techniques)
Session SSQ03 .................................................. S404CD

Chest (Radiomics)
Session SSQ04 .................................................. E353A

Chest (Functional Lung Imaging/Dual-Energy CT/Radiation Dose Reduction)
Session SSQ05 .................................................. E353B

Gastrointestinal (General Abdominal Imaging)
Session SSQ06 .................................................. E350

Gastrointestinal (Gastric Cancer)
Session SSQ07 .................................................. E351

Gastrointestinal (Advanced CT Techniques)
Session SSQ08 .................................................. E352

Nuclear Medicine (Technical Innovations and Emerging Opportunities)
Session SSQ14 .................................................. S505AB

Physics (CT: Imaging Performance)
Session SSQ17 .................................................. N229

Physics (CT: Organ Dose)
Session SSQ18 .................................................. N228

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
Imaging of Thoracic Neoplasms: Update 2018 (Interactive Session)
Course RC701 .................................................. E450A

Improving PET Interpretation (Interactive Session)
Course RC711 .................................................. S504CD

Emerging Technology: Imaging of Dementias
Course RC717 .................................................. S505AB
Advances in CT: Technologies, Applications, Operations - CT Practice
Course RC721 .................................. S105AB

FRIDAY, NOV 30, 2018
8:30–10:00 AM
Educational Courses
CT Radiation Dose Reduction: Techniques and Clinical Implementation
Course RC823 .................................. E253CD

9:30 AM–12:30 PM
Educational Courses
International Symposium in Musculoskeletal Radiology (In Conjunction with Asian Musculoskeletal Society (AMS), European Society of Musculoskeletal Radiology (ESSR), German Society of Musculoskeletal Radiology (DGMSR), International Skeletal Society (ISS), Korean Society of Musculoskeletal Radiology (KSMR) and Society of Skeletal Radiology (SSR))
Session SPIS61 .................................. E450A

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
Prevalence and Clinical Sequelae of Non-Ischemic Myocardial Enhancement Detected on Delayed Enhancement Cardiac CT
CA203-SD-SUA4 ............................... Station #4
1:00–1:30 PM

Scientific Posters

Evaluation of Iterative Reconstruction Using 3D-Consolidated Signal Noise to Ratio
PH206-SD-SUB2  . . . . . . . . . . . . . . . . . . . . . . Station #2

Native True T1 Mapping for Non-Contrast Assessment of Myocardial Fibrosis in Patients with Cardiomyopathy: Correlation with Late Gadolinium Enhancement MRI
CA205-SD-SUB1  . . . . . . . . . . . . . . . . . . . . . . Station #1

Relationship between Texture Features of Myocardial Late Gadolinium Enhancement and Ventricular Tachyarrhythmias in Hypertrophic Cardiomyopathy
CA207-SD-SUB3  . . . . . . . . . . . . . . . . . . . . . . Station #3

Vendor-Neutral, DICOM Viewer-Based, Graphical Image Exploration of Clinical Spectral CT Studies
PH209-SD-SUB5  . . . . . . . . . . . . . . . . . . . . . . Station #5

MONDAY, NOV 26, 2018

12:15–12:45 PM

Scientific Posters

2D/3D CMR-Tissue Tracking in the Assessment of Spontaneous T2DM Rhesus Monkeys with Isolated Diastolic Dysfunction
CA212-SD-MOA3  . . . . . . . . . . . . . . . . . . . . . . Station #3

A CT Protocol Management System for Reviewing and Version Tracking of CT Protocols from Multiple CT Vendors
PH215-SD-MOA6  . . . . . . . . . . . . . . . . . . . . . . Station #6

Accuracy of Volume Measurements of Coronary Calcification at CT Using Model-Based Iterative Reconstruction: A Phantom Study
PH212-SD-MOA3  . . . . . . . . . . . . . . . . . . . . . . Station #3

Cardiac Magnetic Resonance Reveals Signs of Subclinical Myocardial Disease in Patients with Myotonic Muscular Dystrophy
CA211-SD-MOA2  . . . . . . . . . . . . . . . . . . . . . . Station #2

Medical Student Device Design for Interventional Radiology: Design of a Needle Stabilization Device for CT-Guided Procedures
PH210-SD-MOA1  . . . . . . . . . . . . . . . . . . . . . . Station #1

Potential of a New High Capacity X-Ray Tube to Enable Low-kV Contrast-Enhanced CT Imaging of Large Patients with Improved Image Quality: A Phantom Study
PH214-SD-MOA5  . . . . . . . . . . . . . . . . . . . . . . Station #5
12:45–1:15 PM
Scientific Posters
Coronary Stent Imaging with Photon Counting CT: Can Dedicated Sharp Convolution Kernels Improve Image Quality?
PH220-SD-MOB3 ............................. Station #3

Development a Software Which Assists Radiologists to Determine Optimal Contrast Material Administration Protocol at CT: Validation Study Using a Computer Simulation
PH221-SD-MOB4 ............................. Station #4

Nationwide, Longitudinal Trends in CT Colonography Usage: Cross Sectional Survey Results from the 2010 and 2015 National Health Interview Survey
GI350-SD-MOB4 ............................. Station #4

1:00–1:15 PM
Scientific Posters
Non-Ischemic Myocardial Fibrosis: Diagnostic Performance of Delayed Enhancement Cardiac CT in Comparison with Late Gadolinium Enhancement Cardiac MRI
CA220-SD-MOB4 ............................. Station #4

TUESDAY, NOV 27, 2018

12:15–12:45 PM
Scientific Posters
A Study on the Correlation between Body Mass Index (BMI) and "Four Low" Coronary Artery CT Angiography
PH228-SD-TUA6 ............................. Station #6

Cardiac Magnetic Resonance T1 Mapping in Adolescent and Young Adult Survivors of Childhood Cancers
CA230-SD-TUA7 ............................. Station #7

12:45–1:15 PM
Scientific Posters
Comparison of Two Free-breathing Coronary Computed Tomography Angiography (CCTA) Protocols for Patients with Severe Cardiac Insufficiency
PH236-SD-TUB4 ............................. Station #4

Impact of Virtual Monoenergetic Image Types on Image Quality of Late Iodine Enhancement with Dual-Layer Spectral CT in Patient with Hypertrophic Cardiomyopathy (HCM)
CA233-SD-TUB3 ............................. Station #3
WEDNESDAY, NOV 28, 2018

12:15–12:45 PM

Scientific Posters

Evaluation of Iodine Concentration Measurement by Dual Energy CT Scan on Tumor Response for Patients with Advanced Gastric Cancer
GI370-SD-WEA2 .................................................. Station #2

Eye-lens Shielding in Cranial CT: Evaluation of Image Quality and Artifact Frequency
PH243-SD-WEA4 .................................................. Station #4

Iodine Quantification in Photon-counting CT: Accuracy Based on Dose
PH244-SD-WEA5 .................................................. Station #5

Patients with Atrial Fibrillation Mediated Left Ventricular Systolic Dysfunction Do Not Have Left Ventricular Fibrosis
CA241-SD-WEA4 .................................................. Station #4

System Performance Comparison of Ultra-High-Resolution Scans Using Two Clinically Available Multi-Detector CT Systems
PH241-SD-WEA2 .................................................. Station #2

Whole Liver Quantification of Hepatic Steatosis Using Dual-Energy Computed Tomography
GI374-SD-WEA6 .................................................. Station #6

12:15–12:45 PM

Education Exhibits

Computer Assistance in Comparison of Kidney Function Variation Between Pre- and Post-nephrectomy
UR007-EB-WEA ............................................. Hardcopy Backboard

12:45–1:15 PM

Scientific Posters

A Multi-Echo Stack-of-Stars UTE-Based Thoracic Dixon Imaging
PH250-SD-WEB5 .................................................. Station #5

Employing Artificial Intelligence to Predict Hematocrit Values from Non-Contrast CT Imaging Data—Towards Fully Automated CT-derived Myocardial Extracellular Volume Fraction Quantification
CA250-SD-WEB6 .................................................. Station #6

Image Quality and Diagnostic Value of Virtual Non-Enhanced Imaging Compared to True Non-Contrast Imaging in the Dual-Source Dual-Energy CT
GI377-SD-WEB2 .................................................. Station #2

Maximizing Iodine Detectability Using Different Types of Multiple Energy Images from a Single Acquisition on a Photon-Counting-Detector CT System
PH249-SD-WEB4 .................................................. Station #4
Task-based Assessment of Photon-counting CT Binned Images with Varying Patient Size and Imaging Mode
PH248-SD-WEB3 ........................... Station #3

THURSDAY, NOV 29, 2018
12:15–12:45 PM
Scientific Posters
CT Evaluation of Response in Advanced Gastroenteropancreatic Neuroendocrine Tumors Treated with Long-Acting-Repeatable Octreotide: What is the Optimal Size Variation Threshold?
GI385-SD-THA5 ........................... Station #5
Diagnostic Value of Multiparameter Dual-Energy CT in Regional Lymphatic Metastasis of Gastric Cancer
GI386-SD-THA6 ........................... Station #6
Individualized Body Weight Adapted Contrast Media Protocols in CT Imaging of the Liver at 90 kV
GI388-SD-THA8 ........................... Station #8

12:45–1:15 PM
Scientific Posters
Clinical Trial to Evaluate Customized Positive Oral Contrast Media for low-kVp/keV Imaging
GI394-SD-THB6 ........................... Station #6
Evaluation of the Effects of Different Iodine Concentration Contrast Media on Virtual Unenhanced CT Images
GI391-SD-THB3 ........................... Station #3
Exploration of Optimal ASIR-V Weight in Low-Dose Head Scan with 16cm Wide-Detector CT
PH259-SD-THB3 ........................... Station #3
# Education Exhibits

<table>
<thead>
<tr>
<th>SPACE NO.</th>
<th>EXHIBIT TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>UR133-ED-X</td>
<td>Complications of Urinary Tract Surgical Procedures: CT-Urographic Patterns</td>
</tr>
<tr>
<td>UR146-ED-X</td>
<td>Adult Ureteropelvic Junction Obstruction Revisited</td>
</tr>
<tr>
<td>UR174-ED-X</td>
<td>Update of CT Urography: Current Techniques, Clinical Utility, and New Applications</td>
</tr>
<tr>
<td>VI100-ED-X</td>
<td>Interactive 3D Volume Rendering of Cervical Paragangliomas: Current Applications in Vascular Surgery</td>
</tr>
<tr>
<td>VI107-ED-X</td>
<td>Multidetector Computed Tomography Evaluation of Spontaneous Non-Arteriosclerotic Coronary Dissection Associated with Fibromuscular Dysplasia: Spectrum of Disease</td>
</tr>
<tr>
<td>VI112-ED-X</td>
<td>Preoperative Evaluation of Autogenous Tissue Flap Reconstruction Techniques: What Radiologists Need to Know</td>
</tr>
<tr>
<td>VI128-ED-X</td>
<td>CT Angiography Acquisition Timing: Advantages and Disadvantages of Clinical Options</td>
</tr>
<tr>
<td>VI129-ED-X</td>
<td>Complications Mimics in the Post-Surgical Aorta</td>
</tr>
<tr>
<td>VI130-ED-X</td>
<td>Hemorrhagic Complications of Pancreatitis: The Role of Multidetector CT and Interventional Radiology</td>
</tr>
<tr>
<td>VI139-ED-X</td>
<td>Detection of Post-operative Complications after Thoracic and Abdominal Aortic Intervention Using 4-Dimensional Dynamic Computed Tomographic Angiography</td>
</tr>
</tbody>
</table>
Held to the same high editorial standards found in all RSNA journals, *Radiology: Cardiothoracic Imaging* emphasizes research advances and technical developments in medical imaging that drive cardiothoracic medicine.

**Submit Your Manuscript Today!**
Visit RSNA.org/Cardiothoracic-Imaging to submit your materials now to be among the first published in this important new journal.
MAXIMIZE YOUR MEETING EXPERIENCE WITH VIRTUAL MEETING

Get the most out of RSNA 2018

• 200+ live and on-demand sessions
• CME credit for live and select on-demand courses
• Cases of the Day, scientific presentations, education exhibits
• Access through April 30, 2019

Upgrade to the Deluxe Package to get Virtual Meeting.

To purchase, log into your registration account at RSNA.org/Register