Vascular and/or Interventional Radiology
Walk Through the Week

Sunday, Dec. 1, 2019

Case of the Day
Interventional Radiology Sunday Case of the Day
Session ED007-SU . . . . . . . Case of Day, Learning Center

10:45 AM–12:15 PM
Scientific Papers Sessions
Vascular/Interventional (Lung Cancer Science)
Session SSA24 . . . . . . . . . . . . . . . . . . . . S404CD
Vascular/Interventional (Embolization)
Session SSA25 . . . . . . . . . . . . . . . . . . . . S405AB

12:30–1:00 PM
Posters and Exhibits: Discussions
Vascular Interventional Sunday Poster Discussions
Session VIS-SUA . . . . . VI Community, Learning Center

1:00–3:00 PM
Educational Courses
Interventional Oncology Series: Interventional Therapies for Primary and Metastatic Lung Tumors
Course VSIO11 . . . . . . . . . . . . . . . . . . . . . S405AB

1:00–1:30 PM
Posters and Exhibits: Discussions
Vascular Interventional Sunday Poster Discussions
Session VIS-SUB . . . . . VI Community, Learning Center

2:00–3:30 PM
Educational Courses
Peripheral Artery Disease: CTA and MRA (Interactive Session)
Course RC112 . . . . . . . . . . . . . . . . . . . . . S404CD
Peripheral and Visceral Occlusive Disease
Course RC114 . . . . . . . . . . . . . . . . . . . . . . . S103AB
Making Patients and Staff Safer in Interventional Procedures
Course RC123 . . . . . . . . . . . . . . . . . . . . . . . E353A
Tumor Ablation Beyond the Liver: Practical Techniques for Success (Hands-on)
Course RC131 . . . . . . . . . . . . . . . . . . . . . . . N226

3:15–5:15 PM
Educational Courses
Interventional Oncology Series: Novel Targets for Interventional Oncologists
Course VSIO12 . . . . . . . . . . . . . . . . . . . . . S405AB

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 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.
Monday, Dec. 2, 2019

Case of the Day
Interventional Radiology Monday Case of the Day
Session ED007-MO ....................... Case of Day, Learning Center

8:30 AM–12:00 PM
Educational Courses
Interventional Series: Embolotherapy
Course RC214 .......................... E350

8:30–10:00 AM
Educational Courses
Emergency Cardiothoracic CT Angiography
Course RC208 .......................... E450B
Body Imaging Expert Panel: CTA or MRA?
Course RC212 .......................... S104A
Requirements for Tumor Biopsies in the Age of Precision Cancer Care
Course RC224 .......................... S404AB

10:30 AM–12:00 PM
Scientific Papers Sessions
Vascular/Interventional (Spine and Pain Intervention)
Session SSC15 .......................... E263

12:15–12:45 PM
Posters and Exhibits: Discussions
Vascular Intervventional Monday Poster Discussions
Session VIS-MOA ................. VI Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Vascular Intervventional Monday Poster Discussions
Session VIS-MOB ................. VI Community, Learning Center

Tuesday, Dec. 3, 2019

Case of the Day
Interventional Radiology Tuesday Case of the Day
Session ED007-TU ....................... Case of Day, Learning Center

7:15–8:15 AM
Educational Courses
Houston, We Have a Problem (Case-based Competition)
Session SPDL30 ........................ E451B

8:30–10:00 AM
Educational Courses
Body MR Angiography: 2019 Update
Course RC312 .......................... N229
Percutaneous Thoracic Interventions
Course RC331 .......................... S403A
Live Ultrasound Interventional Procedures: Thermal Ablation, Cyst Aspiration, Abscess Drainage, Vascular Access, Core Biopsy, Foreign Body Removal (Hands-on)
Course RC352 .......................... E264

8:30 AM–12:00 PM
Educational Courses
Interventional Series: Venous Disease
Course RC314 .......................... E352
10:30 AM–12:00 PM
Scientific Papers Sessions
Science Session with Keynote: Chest (Pulmonary Vasculature and Angiography/Dual Energy CT)
Session SSG03 .................................................. S404CD
Vascular/Interventional (Liver Cancer)
Session SSG16 .................................................. E260

12:15–12:45 PM
Posters and Exhibits: Discussions
Vascular Interventional Tuesday Poster Discussions
Session VIS-TUA .......... VI Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Vascular Interventionsal Tuesday Poster Discussions
Session VIS-TUB .......... VI Community, Learning Center

1:00–3:00 PM
Educational Courses
Interventional Oncology Series: From Bench to Bedside
Course VI1031 ............................... S405AB

3:00–4:00 PM
Scientific Papers Sessions
Vascular/Interventional (Aortic Disease)
Session SSJ25 .................. E352
Vascular/Interventional (Biliary and Portal Hypertension)
Session SSJ26 .................. E350

3:15–5:15 PM
Educational Courses
Interventional Oncology Series: Colorectal Liver Metastases
Course VI1034 ............... S405AB

3:30–5:00 PM
Educational Courses
Essentials of Trauma Imaging
Course MSES34 ............... S100AB

4:30–6:00 PM
Educational Courses
Emergency Neuroradiology: Interventional Neuroradiology—What the Emergency Radiologist Needs to Know (at 3 AM) (Interactive Session)
Course RC408 ............................... S402AB
Diseases of the Thoraco-abdominal Aorta
Course RC412 ............................... S404AB
Interventional Course (Interactive Session)
Course RC414 ............................... S404CD

Wednesday, Dec. 4, 2019
Case of the Day
Interventional Radiology Wednesday Case of the Day
Session ED007-WE ......... Case of Day, Learning Center

8:30 AM–12:00 PM
Educational Courses
Vascular Series: MR Angiography—New Techniques and Their Application
Course RC512 ............................... S503AB
Interventional Series: Reproductive Health Interventions
Course RC514 ............................... S105AB

10:30 AM–12:00 PM
Educational Courses
Case-based Review of Pediatric Radiology (Interactive Session)
Course MSCP41 ............... E450B
Update on Radionuclide Therapies
Course RC511 ............................... S504CD
Vertebral Augmentation (Hands-on)
Course RC550 ............................... E260

12:15–12:45 PM
Posters and Exhibits: Discussions
Vascular Interventionsal Wednesday Poster Discussions
Session VIS-WEA .......... VI Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Vascular Interventionsal Wednesday Poster Discussions
Session VIS-WEB .......... VI Community, Learning Center
1:00–3:00 PM
Educational Courses
Interventional Oncology Series: Renal Ablation/Embolization
Course VSIO41 ........................................ S405AB

1:30–3:00 PM
Educational Courses
RSNA/ESR Sports Imaging Symposium: Musculoskeletal Interventional Procedures (Interactive Session)
Session MSSR43 ................................. E350

3:00–4:00 PM
Scientific Papers Sessions
Neuroradiology (Vascular, Non-Stroke)
Session SSM20 ...................................... S502AB
Vascular/Interventional (Mixed Oncology/Embolization Science)
Session SSM25 ..................................... S403B
Vascular/Interventional (Liver Cancer Basic Science)
Session SSM26 ..................................... S403A

3:15–5:15 PM
Educational Courses
Interventional Oncology Series: Clinical Trials in Interventional Oncology
Course VSIO42 ...................................... S405AB

Thursday, Dec. 5, 2019

Case of the Day
Interventional Radiology Thursday Case of the Day
Session ED007-TH ........ Case of Day, Learning Center

8:30–10:00 AM
Educational Courses
Pulmonary Vascular Imaging
Course RC601 ........................................ S103CD
Abdominal Doppler: What You Need to Know
Course RC610 ........................................ E351
Optimization and Technology in Interventional Radiology
Course RC623 ........................................ S503AB
Common Spinal Injection Procedures for Diagnosis and Treatment of Back Pain (Hands-on)
Course RC631 ........................................ E263
Fallopian Tube Catheterization (Hands-on)
Course RC650 ........................................ E260
Live Ultrasound Interventional Procedures: Joint Injections, Cyst Aspiration, Abscess Drainage, Vascular Access, Core Biopsy, and Foreign Body Removal (Hands-on)
Course RC652 ........................................ E264
How to Prepare 3D Models to Develop Multi-material 3D Printed Vascular Phantoms (Hands-on)
Course RCA51 ...................................... S401AB

8:30 AM–12:00 PM
Educational Courses
Vascular Series: CT Angiography-New Techniques and Their Application
Course RC612 ...................................... S405AB
Interventional Series: Non-Vascular Interventions
Course RC614 ........................................ N227B

10:30 AM–12:00 PM
Scientific Papers Sessions
Science Session with Keynote: Cardiac (Valvular Imaging and Intervention)
Session SSQ02 ................................. E353C
Chest (Interventional/Systemic Vasculature)
Session SSQ04 ................................. E451A
Vascular/Interventional (Lymphatic, AVM, and Venous Interventional Radiology)
Session SSQ20 ...................................... S503AB

12:15–12:45 PM
Posters and Exhibits: Discussions
Vascular Interventional Thursday Poster Discussions
Session VIS-THA ........ VI Community, Learning Center

12:45–1:15 PM
Posters and Exhibits: Discussions
Vascular Interventional Thursday Poster Discussions
Session VIS-THB ........ VI Community, Learning Center

1:00–3:00 PM
Educational Courses
Interventional Oncology Series: Musculoskeletal Intervention
Course VSIO51 ...................................... S405AB

3:00–4:00 PM
Educational Courses
Peds, IR, Potpourri (Case-based Competition)
Session SPDL51 ................................. E451B
3:15–5:15 PM
**Educational Courses**
Interventional Oncology Series: International Interventional Oncology-South Korea Presents
Course VSIO52 ........................................ S405AB

4:30–6:00 PM
**Educational Courses**
CT of Structural Heart Disease: Guiding Interventional Procedures
Course RC703 ........................................ E350
CTA for TAVR and Other Aortic Valve Replacements
Course RC712 ........................................ E352
Morbidity and Mortality
Course RC714 ........................................ S502AB
Image-guided Biopsy of the Spine (Hands-on)
Course RC731 ........................................ E263

Friday, Dec. 6, 2019

8:30–10:00 AM
**Educational Courses**
Body CT Angiography: 2019 Update
Course RC812 ........................................ E351
Carotid and Renal Doppler (Hands-on)
Course RC852 ........................................ E264

10:30 AM–12:00 PM
**Scientific Papers Sessions**
Neuroradiology (Vascular and Interventions)
Session SST07 ........................................ E353A
Vascular/Interventional (Tumor Ablation & Biopsy)
Session SST10 ........................................ E451B

**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**
Ablation Therapy of Non-Colorectal Cancer Lung Metastases: Retrospective Analysis of Tumor Response Post-Radiofrequency Ablation (RFA) and Microwave Ablation (MWA)
VI240-SD-SUA6 .............................. Station #6
Assessment of Semiquantitative Parameters of Dynamic Contrast-Enhanced Perfusion MR Imaging in Predicting the Nonperfused Volume Ratio of at Least 80%: High-Intensity Focused Ultrasound Ablation of Uterine Fibroids
VI200-SD-SUA1 .............................. Station #1
Diagnosis of Deep Vein Thrombosis Using a DANTE-prepared FLASH Sequence
VI201-SD-SUA2 .............................. Station #2
Hepatic Pseudoaneurysm Formation After Blunt and Penetrating Traumatic Liver Injury: A Level I Trauma Center Experience
VI239-SD-SUA5 .............................. Station #5
Magnetic Resonance Angiography Derived Predictors of Aortic Root Dilation in Marfan Syndrome
VI202-SD-SUA3 .............................. Station #3
Percutaneous Laser Ablation under Ultrasound-Guidance of Normal Thyroid Gland in a Swine Model
VI238-SD-SUA4 .............................. Station #4

12:30–1:00 PM
**Education Exhibits**
US-Guided Localization and Removal of Soft-Tissue Foreign Bodies: How We Do It
VI128-ED-SUA7 .............................. Station #7
When There is No Rectum: CT-Guided Targeted and Sextant Prostate Biopsy
VI129-ED-SUA8 .............................. Station #8

1:00–1:30 PM
**Scientific Posters**
Cervical Pleural Thickening: A Risk Factor for Endovascular Treatment of Tuberculosis-Related Hemoptysis
VI243-SD-SUB6 .............................. Station #6
Evaluation of Outcomes Following Pulmonary Artery Stenting in Fibrosing Mediastinitis
VI203-SD-SUB1  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #1

Microwave Ablation of Lung Tumors: Early Radiological Parameters Determining the Treatment Outcome
VI242-SD-SUB5  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #5

The Initial Experience of 2D-Perfusion Angiography-Guided Balloon Pulmonary Angioplasty
VI204-SD-SUB2  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #2

Transperineal Laser Ablation (TPLA) for the Treatment of Lower Urinary Symptoms in Benign Prostatic Hyperplasia (BPH)
VI205-SD-SUB3  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #3

Value of Virtual Monochromatic Spectral Images with Metal Artifact Reduction Algorithm in Dual-Energy Spectral CT-Guided Microcoil Localization for Pulmonary Nodules
VI241-SD-SUB4  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #4

Monday, Dec. 2, 2019

12:15–12:45 PM
Scientific Posters

Accuracy and Performance Evaluation of a Smartphone-Based Augmented Reality Needle Guidance Platform
VI226-SD-MOA3  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #3

Endovascular Treatment of Congenital Portosystemic Shunts: Single-Centre Prospective Study
VI231-SD-MOA6  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #6

Feasibility and Clinical Value of CT-Guided 125I Brachytherapy in Patients with Retroperitoneal Lymph Nodes Metastatic for Pain Palliation after Conventional Therapy Failure
VI232-SD-MOA7  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #7

MRI Markers of Disease Activity and Predictors of Progressive Arterial Disease in Takayasu Arteritis
VI225-SD-MOA2  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #2

Quantitative Inflammatory and Imaging Biomarkers for the Prediction of Tumor Response to DEB-TACE in HCC
VI233-SD-MOA4  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #4

The Efficacy and Safety of Magnetic Resonance-Guided High-Intensity Focused Ultrasound Ablation of Pedunculated Subserosal Leiomyoma
VI206-SD-MOA1  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #1

The Feasibility of Adaptive Statistical Iterative Reconstruction-V for Reducing Radiation Dose and Contrast Agent in CT Portal Venography with "Three-Low" Technique
VI230-SD-MOA5  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #5

12:15–12:45 PM
Education Exhibits

All About and How We Do Prostate Artery Embolization (PAE): Indication, Optimal Preparation, Technique, Imaging Analyses, and Complications
VI132-ED-MOA8  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #8

Identification of Forearm Muscles with Dynamic Ultrasound Imaging for Botulinum Toxin Injection and Image Guided Botox Injections
VI001-EB-MOA  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Hardcopy Backboard

12:45–1:15 PM
Scientific Posters

Comparison between Percutaneous Balloon Vesselplasty and Percutaneous Vertebroplasty in Chronic Painful Compression Fractures of Dorsolumbar Spine
VI237-SD-MOB4  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #4

Impact of an Electromagnetic Navigation System on Dose Radiation Exposure: A Comparative Retrospective Study
VI235-SD-MOB7  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #7

Magnetic Resonance Imaging for Tracking Tumor Progression and Identifying Optimal Timepoint for Intervention with Embolization Treatment
VI236-SD-MOB5  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #5

Qualitative Study of Patients with Low-Flow Venous Malformation: Symptom Experiences and Content Validity of Patient-Reported Outcome Measures
VI234-SD-MOB6  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #6

The Role of Magnetic Resonance Imaging in Predicting the Outcome of High-Intensity Focused Ultrasound Treatment of Adenomyosis
VI207-SD-MOB2  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #2

Transperineal US-Guided Focal Laser Ablation (TPLA) in Treatment of Low and Intermediate Risk Prostate Cancer: Feasibility Multicentric Study at 6- and 12-Month Follow-Up
VI224-SD-MOB1  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #1

Value of 3D Rotational Epidurography on Percutaneous Epidural Adhesiolysis
VI208-SD-MOB3  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  .  . Station #3
12:45–1:15 PM
Education Exhibits
Algorithmic Approach to Assess Pulmonary Embolism on Dual-Energy Spectral Detector Computed Tomography (SDCT): Overcoming the Pitfalls of Conventional CT
VI133-ED-MOB9 . . . . . . . . . . . . . . . . . . . . . . . . Station #9
Radiofrequency Ablation Guided by Ultrasonography: Tips and Tools to Improve Results in Benign Thyroid Nodules
VI134-ED-MOB8 . . . . . . . . . . . . . . . . . . . . . . . . Station #8

Tuesday, Dec. 3, 2019

12:15–12:45 PM
Scientific Posters
“SpineJack®” Percutaneous Placement in Magerl A2 and A3 Traumatic Vertebral Compression Fractures of the Thoracolumbar Spine
VI227-SD-TUA1 . . . . . . . . . . . . . . . . . . . . . . . . Station #1
Combined MR Imaging for Pulmonary Embolism and Deep Venous Thrombosis by Contrast-Enhanced MR Volume Interpolated Body Examination
VI255-SD-TUA7 . . . . . . . . . . . . . . . . . . . . . . . . Station #7
Comparison of Early Tissue Shrinkage Following Hepatic Microwave Ablation and Multipolar Radiofrequency Ablation in an In-Vivo Porcine Liver Model in CECT
VI256-SD-TUA8 . . . . . . . . . . . . . . . . . . . . . . . . Station #8
CT-Perfusion in Peripheral Arterial Disease - Correlation of Baseline with Post-interventional Perfusion Parameters
VI229-SD-TUA3 . . . . . . . . . . . . . . . . . . . . . . . . Station #3
Feasibility of Four-Dimensional Flow MRI to Assess Portal Pressure Gradientin Healthy Volunteers
VI258-SD-TUA5 . . . . . . . . . . . . . . . . . . . . . . . . Station #5
Impact of Dynamic Intima Motion on Renal Injury in Patients with Type B Acute Aortic Dissection: Quantitative Assessment with Dose-Regulated Retrospectively ECG-gated CT Angiography in Dual-Source CT
VI254-SD-TUA6 . . . . . . . . . . . . . . . . . . . . . . . . Station #6
Local Tumor Control and Survival Rates in Unresectable or Recurrent Hepatic Cholangiocarcinoma (CCC): Transarterial Chemoembolization (TACE) versus Combined TACE and Microwave Ablation (MWA)
VI257-SD-TUA4 . . . . . . . . . . . . . . . . . . . . . . . . Station #4
The Influence of High-Intensity Focused Ultrasound Ablation of Uterine Diseases with an Immediate Non-Perfused Volume Ratio > 90% on Ovarian Reserve
VI228-SD-TUA2 . . . . . . . . . . . . . . . . . . . . . . . . Station #2

12:15–12:45 PM
Education Exhibits
Fire Burn and Cauldron Bubble: Contrast-Enhanced Ultrasound for Abdominal Interventions
VI136-ED-TUA9 . . . . . . . . . . . . . . . . . . . . . . . . Station #9
Transcaval Approach for Embolization of Abdominal Aortic Aneurysm Type II Endoleak
VI135-ED-TUA10 . . . . . . . . . . . . . . . . . . . . . . . . Station #10

12:45–1:15 PM
Education Exhibits
Don’t Ever Go with the Flow, Be the Flow: A Comprehensive Pictorial Review of B-Flow Ultrasonography
VI138-ED-TUB9 . . . . . . . . . . . . . . . . . . . . . . . . Station #9
Pelvic Congestion Syndrome: Normal Anatomy and Multimodality Imaging Evaluation of an Underdiagnosed Disease
VI137-ED-TUB8 . . . . . . . . . . . . . . . . . . . . . . . . Station #8
Wednesday, Dec. 4, 2019

12:15–12:45 PM
Scientific Posters
Capembol: Safety, Feasibility and Early Oncological Outcomes of Prostatic Artery Embolization in the Management of Low-Grade Localized Prostate Cancer in Patients Candidate to Active Surveillance: A Monocentric Pilot Study - Preliminary Results
VI212-SD-WEA1 . . . . . . . . . . . . . . . . . . . . . . . Station #1
Effect of Hepatic Flow Parameters on Coagulation Range of Radiofrequency Ablation in Liver Malignancies Patients: A Prospective Clinical Study
VI266-SD-WEA4 . . . . . . . . . . . . . . . . . . . . . . . Station #4
Effects of Oxytocin on High-Intensity Focused Ultrasound Ablation of Leiomyoma: A Clinical Trial Study
VI214-SD-WEA3 . . . . . . . . . . . . . . . . . . . . . . . Station #3
Evaluation of Technical Success and Complication Rates Following Endovascular Thrombolysis Interventions
VI263-SD-WEA6 . . . . . . . . . . . . . . . . . . . . . . . Station #6
Measurement of Scatter Radiation Dose to the Eye of Interventional Radiologists Performing Fluoroscopically Guided Procedures: Are You Sure You Are Protected?
VI213-SD-WEA2 . . . . . . . . . . . . . . . . . . . . . . . Station #2
Non-Contrast-Enhanced Renal MRA Using Multi-Shot Gradient Echo EPI at 3-T MR System
VI267-SD-WEA5 . . . . . . . . . . . . . . . . . . . . . . . Station #5
Split Renal Function after Treatment of Small Renal Masses: Comparison between Radiofrequency Ablation and Laparoscopic Partial Nephrectomy
VI264-SD-WEA7 . . . . . . . . . . . . . . . . . . . . . . . Station #7

12:15–12:45 PM
Education Exhibits
Apneic Ventilation Strategies to Limit Respiratory Motion During Percutaneous Ablation
VI142-ED-WEA10 . . . . . . . . . . . . . . . . . . . . . . . . Station #10
Five Stages of Artifacts: Denial, Anger, Bargaining, Depression, and Acceptance
VI139-ED-WEA9 . . . . . . . . . . . . . . . . . . . . . . . . Station #9

12:45–1:15 PM
Scientific Posters
Computed Tomography-Guided Percutaneous Radiofrequency Ablation of the Splanchnic Nerves for Pain Reduction in Patients with Pancreatic Cancer
VI269-SD-WEB7 . . . . . . . . . . . . . . . . . . . . . . . Station #7
Digital Variance Angiography as a Risk Reduction Measure in Peripheral Endovascular Interventions
VI271-SD-WEB5 . . . . . . . . . . . . . . . . . . . . . . . Station #5
Radiomics Analysis to Predict Progression-Free Survival for Patients of RFA by using Deep Learning in Contrast-Enhanced Ultrasound
VI270-SD-WEB8 . . . . . . . . . . . . . . . . . . . . . . . Station #8
The Future Liver Remnant in Associating Liver Partition with Portal Vein Ligation or Embolization
VI215-SD-WEB1 . . . . . . . . . . . . . . . . . . . . . . . Station #1
The Guiding Value of 3D-BRAVO and 3D TOF MRA for Microvascular Decompressing
VI272-SD-WEB4 . . . . . . . . . . . . . . . . . . . . . . . Station #4
The Impact of Tissue Characteristics on Outcome of High-Intensity Focused Ultrasound Treatment of Uterine Leiomyomas
VI217-SD-WEB3 . . . . . . . . . . . . . . . . . . . . . . . Station #3
Time-Driven Activity-Based Costing in Interventional Oncology: Calculating the Longitudinal Costs of Care for Multidisciplinary HCC Care
VI268-SD-WEB6 . . . . . . . . . . . . . . . . . . . . . . . Station #6

Thursday, Dec. 5, 2019

12:15–12:45 PM
Scientific Posters
Biodegradable versus Multiple Plastic Stent Implantation in Benign Biliary Strictures: A Systematic Review and Meta-Analysis
VI245-SD-THA6 . . . . . . . . . . . . . . . . . . . . . . . Station #6
Classification of Geniculate Arterial Patterns with Implications for Interventional Radiologist
VI218-SD-THA1 . . . . . . . . . . . . . . . . . . . . . . . Station #1
Combined CT-Guided Biopsy with Tissue Examination and Outer Cannula Washing Cytology: Technique and Outcomes  
VI246-SD-THA7  . . . . . . . . . . . . . . . . . . . . . . . Station #7

Doppler-Based Renal Perfusion Variations After Fenestrated/Branched Endovascular Repair and Post-Operative Renal Function Outcomes  
VI219-SD-THA2  . . . . . . . . . . . . . . . . . . . . . . . Station #2

Feasibility and Clinical Value of CT-Guided 125I Brachytherapy for Metastatic Soft Tissue Sarcoma after First-Line Chemotherapy Failure  
VI244-SD-THA5  . . . . . . . . . . . . . . . . . . . . . . . Station #5

Inpatient Placement of a Subcutaneous Venous Access Ports is Not a Risk Factor for Port Infection  
VI248-SD-THA4  . . . . . . . . . . . . . . . . . . . . . . . Station #4

MR-Guided Focused Ultrasound (MRgFUS) Compared to the Main Current Therapeutic Approaches for the Treatment of Uterine Fibroids: MR-Guided Focused Ultrasound (MRgFUS) Compared to the Main Current Therapeutic Approaches for the Treatment of Uterine  
VI220-SD-THA3  . . . . . . . . . . . . . . . . . . . . . . . Station #3

The Utility of Test Bolus for Improving Low Iodine Dynamic 4D CTA in the Diagnosis of Lower Extremity Peripheral Vascular Disease  
VI247-SD-THA8  . . . . . . . . . . . . . . . . . . . . . . . Station #8

12:15–12:45 PM  
Education Exhibits  
When It’s Not a Deep Venous Thrombosis (DVT): A Pictorial Review of Alternate Causes of Swollen Limb or Pain in “Rule-Out” DVT Exams  
VI143-ED-THA9  . . . . . . . . . . . . . . . . . . . . . . . Station #9

12:45–1:15 PM  
Scientific Posters  
A Comparison between Laparoscopic and Open Surgery Following Self-Expandable Metallic Stent Placement for Malignant Colorectal Obstruction and an Assessment of Long-Term Oncological Outcomes  
VI222-SD-THB2  . . . . . . . . . . . . . . . . . . . . . . . Station #2

Day-Clinic High-Intensity Focused Ultrasound (HIFU) Focal Therapy to Primary Treatment of Localized Prostate Cancer: Initial Experience of 37 Patients  
VI250-SD-THB6  . . . . . . . . . . . . . . . . . . . . . . . Station #6

Evaluation of Blood Pressure Variations on CTA Geometries of Abdominal Aortic Aneurysms and CTA Protocol Recommendations on Blood Pressure Measurements for Maintaining Mechanical Simulation Viability  
VI252-SD-THB8  . . . . . . . . . . . . . . . . . . . . . . . Station #8

Particle Embolization for Treatment of Acute Lower Gastrointestinal Hemorrhage is Associated with Higher Rates of Ischemic Bowel Complications: A Single-Center Retrospective Analysis  
VI221-SD-THB1  . . . . . . . . . . . . . . . . . . . . . . . Station #1

Power of Lipiodol-Enhancement in CT-Guided Biopsies of Unspecified Suspect Intrahepatic Lesions: Improvement of Accuracy and Safeness  
VI251-SD-THB7  . . . . . . . . . . . . . . . . . . . . . . . Station #7

Radiologic and Clinical Factors Predicting Survival Following Hepatic Arterial Infusion Chemotherapy in Advanced Hepatocellular Carcinoma  
VI249-SD-THB5  . . . . . . . . . . . . . . . . . . . . . . . Station #5

Retrospective Multivariate Study of the Clinical Outcomes in Patients Affected by Different Grades of Varicocele Treated using Different Endovascular Approaches  
VI253-SD-THB4  . . . . . . . . . . . . . . . . . . . . . . . Station #4

The Clinical Characteristics and Drug Resistance of Pyogenic Liver Abscess Caused By Extended-Spectrum Beta-Lactamase-Producing Klebsiella Pneumoniae  
VI223-SD-THB3  . . . . . . . . . . . . . . . . . . . . . . . Station #3

12:45–1:15 PM  
Education Exhibits  
Complications of an Ileal Conduit after Radical Cystectomy: Interventional Radiologic Management  
VI144-ED-THB9  . . . . . . . . . . . . . . . . . . . . . . . Station #9
## Education Exhibits

<table>
<thead>
<tr>
<th>Space No.</th>
<th>Exhibit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>VI002-EB-X</td>
<td>Comprehensive and Comparative Overview of Peripheral Artery Disease Imaging</td>
</tr>
<tr>
<td>VI003-EB-X</td>
<td>Contrast-Enhanced Ultrasound (CEUS) in the Assessment of Carotid Atherosclerotic Disease: A Seldom-used Technique to Understand Pathophysiology of Atherosclerotic Plaque Progression and Assess Risk of Thrombosis and Stroke</td>
</tr>
<tr>
<td>VI110-ED-X</td>
<td>Diagnosis and Management of the Bile Duct Infarction: A Serious Complication of Transarterial Therapy of Liver Tumors</td>
</tr>
<tr>
<td>VI101-ED-X</td>
<td>Are We Competent to Diagnose Incompetence in Veins? The Plumbing Details Needed for Accurate Interpretation</td>
</tr>
<tr>
<td>VI102-ED-X</td>
<td>Transvenous Application of N-butyl Cyanoacrylate (NBCA) Glue</td>
</tr>
<tr>
<td>VI103-ED-X</td>
<td>Optimizing Ultrasound Images, Diagnostic Accuracy and Confidence: A Primer for Residents, Practicing Radiologists, and Sonographers</td>
</tr>
<tr>
<td>VI104-ED-X</td>
<td>Subtraction CT Angiography of Peripheral Artery with Orbital Synchronized Helical Scanning Using Characteristic of Organ-Based Tube Current Modulation</td>
</tr>
<tr>
<td>VI105-ED-X</td>
<td>CT-Guided Cryoablation for Lung Tumors: Basic and Advanced Techniques</td>
</tr>
<tr>
<td>VI106-ED-X</td>
<td>Magnetic Resonance-Thoracic Ductography (MRTD): Importance of Thoracic Duct (TD) Configuration for Intervention (IR)</td>
</tr>
<tr>
<td>VI107-ED-X</td>
<td>Evaluation of Peripheral Vascular Disease Using CT and MR Angiography</td>
</tr>
<tr>
<td>VI108-ED-X</td>
<td>Seeing the Forest for the Trees: The New Systemic Options to Treat Hepatocellular Carcinoma</td>
</tr>
<tr>
<td>VI109-ED-X</td>
<td>Aortic Dissection and Acute Aortic Syndromes: Diagnostic Imaging Findings from Acute to Chronic Longitudinal Progression</td>
</tr>
<tr>
<td>VI111-ED-X</td>
<td>Case-based Learning during Anatomy Block as a Modality for Preclinical Intervention Radiology Education: Successes and Challenges</td>
</tr>
<tr>
<td>VI112-ED-X</td>
<td>Minimally-Invasive Endoscopic and Surgical Procedures in Management of Patients with Complicated Necrotizing Pancreatitis: What an Interventional Radiologist Needs to Know</td>
</tr>
<tr>
<td>VI113-ED-X</td>
<td>Imaging and Interventional Procedures of the Lymphatic System</td>
</tr>
<tr>
<td>VI114-ED-X</td>
<td>When Everything is NOT under Control: Aortic Endoleaks</td>
</tr>
<tr>
<td>VI115-ED-X</td>
<td>Endovascular Management of Frostbite: Role of Intra-Arterial IPA</td>
</tr>
<tr>
<td>VI117-ED-X</td>
<td>Blunt Abdominal Trauma: A Primer for the Radiologist of Solid Organ Injuries</td>
</tr>
<tr>
<td>VI118-ED-X</td>
<td>Chyle Leaks: All You Need to Know</td>
</tr>
<tr>
<td>VI119-ED-X</td>
<td>Anatomy and Pathologies of the Renal Arteries with Implications for Modern Endovascular Management</td>
</tr>
<tr>
<td>VI120-ED-X</td>
<td>Practical Applications of Lymphangiography and Lymphatic Interventions</td>
</tr>
<tr>
<td>VI121-ED-X</td>
<td>Immune Effector Cell Therapy for Solid Tumors: Opportunities for Intervention Radiology</td>
</tr>
<tr>
<td>VI122-ED-X</td>
<td>Novel Imaging Techniques and Algorithmic Approach to Diagnosis and Management of Vascular Anomalies</td>
</tr>
<tr>
<td>VI123-ED-X</td>
<td>Contrast-Enhanced Ultrasound for Challenging Abdominal Interventions</td>
</tr>
<tr>
<td>VI124-ED-X</td>
<td>The Bleeding Point: Manifestations of Hemorrhage and Related Pathologies - With Mimics and Pitfalls</td>
</tr>
<tr>
<td>VI125-ED-X</td>
<td>Comparison of Non-Contrast MR Angiography to CT Angiography to Evaluate the Access Route of Transfemoral Transcatheter Aortic Valve Replacement</td>
</tr>
<tr>
<td>VI126-ED-X</td>
<td>Tips for Tips: A Resident’s Survival Guide</td>
</tr>
</tbody>
</table>
Arterial and Venous Visceral Aneurysms and Pseudoaneurysms: A Pictorial Review

Creating Low-cost Phantoms for IR Skills Training

Depiction of Reachable Bronchi of Peripheral Lung Nodule for Transbronchial Approach by Ultra-High Resolution CT (UHRCT)

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