

Posters and Exhibits

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Current presiding officers as of September 11, 2017

Case of the Day

ED001

Breast Monday Case of the Day

ED002

Cardiac Monday Case of the Day

ED003

Chest Monday Case of the Day

ED004

Emergency Radiology Monday Case of the Day

ED005

Gastrointestinal Monday Case of the Day

ED006

Genitourinary Monday Case of the Day

ED007

Interventional Radiology Monday Case of the Day

ED008

Musculoskeletal Monday Case of the Day

ED009

Neuroradiology Monday Case of the Day

ED010

Nuclear Medicine Monday Case of the Day

ED011

Obstetrical Imaging Monday Case of the Day

ED012

Pediatric Monday Case of the Day

ED013

Physics Monday Case of the Day

ED014

Ultrasound Monday Case of the Day

ED015

Molecular Imaging Monday Case of the Day

CME Learning Checkpoint Exhibits

ED020

CME Learning Checkpoint Exhibit ED020 (Universal Calibration Curve for a Small-type OSL Dosimeter to be Used for Direct Dose Measurements of Direct, Scattered and Penetrating X-rays in the Diagnostic Region)

ED021

CME Learning Checkpoint Exhibit ED021 (Inside Out: Ductal Morphology in Characterization of Pancreatic Pathology)

ED022

CME Learning Checkpoint Exhibit ED022 (X-Ray Defecography 'The Forgotten Buddy')

ED023

CME Learning Checkpoint Exhibit ED023 (Hospital Compare: Why Should We Care?)

ED024

CME Learning Checkpoint Exhibit ED024 (Lung Scintigraphy in Transplant Patients - A Primer)

ED025

CME Learning Checkpoint Exhibit ED025 (Pitfalls in Pediatric Musculoskeletal Imaging: Normal Variants Causing Problems for the Radiologist in the Pediatric Emergency Department)

ED026

CME Learning Checkpoint Exhibit ED026 (Role of CT on Bronchoscopic Treatment of COPD)

ED027

CME Learning Checkpoint Exhibit ED027 (3D Double Inversion Recovery Imaging: Clinical Applications and Usefulness in a Wide Spectrum of Central Nervous System Diseases)

ED028

CME Learning Checkpoint Exhibit ED028 (Overview of a Synthetic MRI: Basic, Clinical Applications, and Limitations)

Special Interest Exhibits

ED030

FBI Hazardous Materials Poster

DM003

Ask an Expert: Tips and Tricks for Preparing Posters and Manuscripts Containing Electronic Media

Breast

BR001-EB-X (Hardcopy Backboard)

Breast Masses That Do Not Arise From the Breast

BR002-EB-WEA (Wed, 12:15-12:45 PM, Hardcopy Backboard)

TB or Not TB: Granulomatous Mastitis as a Mimic of Breast Cancer

BR003-EB-X (Hardcopy Backboard)

Various Diseases and Conditions Related to Nipple-Areolar Complex (NAC) of the Breast: Radiological Approach

BR004-EB-X (Hardcopy Backboard)

Cysts with Internal Echoes: Do They Need Further Examination?

BR005-EB-X (Hardcopy Backboard)

Breast Low-dose Perfusion CT in the Prone Position: Technique and Clinical Implementation

BR006-EB-X (Hardcopy Backboard)

Keep Abreast! Post-Surgical CT Appearances of the Breast for General Radiologists

BR007-EB-X (Hardcopy Backboard)

Management of Unusual and Challenging Suspicious Breast Lesions: Radiologic Pathology Correlation

BR008-EB-X (Hardcopy Backboard)

Diagnostic Challenges of Noninfectious Mastitis: Everything the Radiologist Needs to Know

BR009-EB-X (Hardcopy Backboard)

Skin Breast Lesions: What the Radiologist Needs to Know

BR010-EB-X (Hardcopy Backboard)

Benign and Malignant Spindle Cell Lesions of the Breast: Multimodality Pictorial Essay with Histopathological Correlation

BR011-EB-X (Hardcopy Backboard)

Role of the Imaging Methods for Evaluation of Residual Breast Tissue after Subcutaneous Mastectomy

BR012-EB-X (Hardcopy Backboard)

Let's Have an Interest of Extramammary Findings on Pre-Operative Breast MRI

BR013-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)

Imaging Spectrum of High Risk Breast Lesions and the Value of Breast MRI in the Management of ADH

BR014-EB-X (Hardcopy Backboard)

Finding the Common Ground: Typical Features of Atypical Cancers

BR015-EC-X (Custom Application Computer Demonstration)
Computer-Based Interactive Demonstration and Comparative Study: Virtual Full-Dose (VFD) Digital Breast Tomosynthesis (DBT) Images Derived From Reduced-Dose Acquisitions versus Clinical Full-Dose DBT Images

BR100-ED-X (Digital Education Exhibit)

Breast Emergencies: A Case-based Imaging Review of Acute Breast Entities

BR101-ED-X (Digital Education Exhibit)

Breast Cancer Subtyping: A Radiopathological Review of Current Concepts, Different Imaging Features and Response After Neoadjuvant Therapy in Different Subtypes of Breast Cancer

BR102-ED-X (Digital Education Exhibit)

Sternal Metastases in Breast Cancer: Multimodality Imaging Review

BR103-ED-X (Digital Education Exhibit)

The ABZs of Lymph Nodes

BR104-ED-X (Digital Education Exhibit)

Not So Black and White: Lessons Learned From the Early Implementation of Contrast-Enhanced Spectral Mammography (CESM)

BR105-ED-X (Digital Education Exhibit)

Pre-operative Breast MRI in Patients with DCIS: Is it Worth It?

BR106-ED-X (Digital Education Exhibit)

Imaging of Recurrent Breast Cancer

BR107-ED-X (Digital Education Exhibit)

Excision or Observation: The Dilemma of Managing High Risk Breast Lesions

BR108-ED-X (Digital Education Exhibit)

Pitfalls When Interpreting Digital Breast Tomosynthesis (DBT)

BR109-ED-X (Digital Education Exhibit)

Getting SAVI With It: Insider's Guide to SAVI SCOUT Reflector Placement

BR110-ED-X (Digital Education Exhibit)

There is More Than Mammary Duct-Lobular System within the Breast: A Radio Pathological Pictorial Review of Lesions Arising in Structures Different from Breast Epithelium

BR111-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)

Breast Density Matters

BR112-ED-X (Digital Education Exhibit)

Ductal Carcinoma in Situ: Multimodality Imaging with Pathology

BR113-ED-X (Digital Education Exhibit)

Spot the Change: Interactive Case Based Review of Subtle Signs of Breast Cancer on Mammography

BR114-ED-X (Digital Education Exhibit)

A Practical Guide to Superficial Breast Pathologies

BR115-ED-X (Digital Education Exhibit)

Don't Be Crippled by the Nipple! Multimodality Pictorial Review of Benign and Malignant Conditions of the Nipple-Areola Complex

BR116-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)

The Breast Radiologist as a Public Educator: Designing an Effective Presentation for a Lay Audience

BR117-ED-X (Digital Education Exhibit)

Oh Man! Male Breast Disease: More than Just Gynecomastia

BR118-ED-X (Digital Education Exhibit)

From Papilloma to Papillary Carcinoma: An Imaging Review of the Spectrum of Papillary Lesions in the Breast with Pathology Correlation

BR119-ED-MOA7 (Mon, 12:15-12:45 PM, Station #7)

Multimodal Presentation of Ductal Carcinoma in Situ

BR120-ED-X (Digital Education Exhibit)

Internal Mammary Lymph Node Metastases in Breast Cancer: What Should Radiologists Know?

BR121-ED-X (Digital Education Exhibit)

Tips and Tricks: Implementation and Interpretation of Synthesized 2D (sDM) Mammogram in Clinical Practice

BR122-ED-X (Digital Education Exhibit)

Invasive Lobular Carcinoma: How Many MR Faces?

BR123-ED-MOB7 (Mon, 12:45-1:15 PM, Station #7)

Catch Me if You Can: Image Gallery of Incidental Breast Findings on Body CT Exams

BR124-ED-TUA7 (Tue, 12:15-12:45 PM, Station #7)

Physiologic or Pathologic? An Analysis of Nipple Enhancement Anatomy on Breast MRI with Radiologic-Pathologic Correlation

BR125-ED-X (Digital Education Exhibit)

Have No Fear Of Perfection, You'll Never Reach It - Salvador Dali: The Frightening Reality of Interval Cancers

BR126-ED-X (Digital Education Exhibit)

Primary and Secondary Breast Lymphoma: Multimodality Imaging Review with Associated Clinical and Pathological Features

BR127-ED-X (Digital Education Exhibit)

Ice Ice Baby: A Novel Approach for the Treatment of Intraductal Papillomas using Cryoablation

BR128-ED-X (Digital Education Exhibit)

How a Tumor Gets its Name: The World Health Organization 4th Edition Classification of Tumors of the Breast

BR129-ED-X (Digital Education Exhibit)

Personalized Breast Cancer Screening: Algorithm based on Breast Cancer Risk Stratification and Breast Composition Categories

BR130-ED-X (Digital Education Exhibit)

Not So Black and White: Causes of False Positive Findings on Contrast-Enhanced Mammography

BR131-ED-X (Digital Education Exhibit)

Breast MRI: Lactation Tribulation

BR132-ED-X (Digital Education Exhibit)

Hiding in Plain Site: Multimodality Presentation of Recurrent Disease in the Post-Conservation Breast

BR133-ED-X (Digital Education Exhibit)

New Staging System for Breast Cancer: Emphasis on the Prognostic Stage

BR134-ED-X (Digital Education Exhibit)

ACR BI-RADS 5 Breast Ultrasound Lexicon and Reporting: How Well Do You Know It? Take a Quiz!

BR135-ED-X (Digital Education Exhibit)

Tricks and Tips to Prevent Errors in Mammography

BR136-ED-X (Digital Education Exhibit)

Radiation Risk of Digital Breast Tomosynthesis on a Childbearing Woman with Increased Breast Density: Evaluation of Patient Dose and Scattered Radiation

BR137-ED-X (Digital Education Exhibit)

Supplemental Breast MRI Screening Based on Concepts about Progression Pathways of Development of Invasive Cancer from DCIS

BR138-ED-X (Digital Education Exhibit)

Correlation between US and MR Findings in Women with Breast Implants

BR139-ED-TUB7 (Tue, 12:45-1:15 PM, Station #7)

3D Automated Breast Ultrasound Facts and Artifacts

BR140-ED-X (Digital Education Exhibit)

Is There an Association Between Breast Cancer and HIV/AIDS? Overview and Management of Breast Cancer in HIV/AIDS Patients

BR141-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)

CT Appearances of Small (<15 mm) Invasive Breast Cancers: What Radiologists Need to Know

BR142-ED-X (Digital Education Exhibit)

Lights On! The Importance of Visual Inspection in Nine Breast Diagnoses

BR143-ED-X (Digital Education Exhibit)

3-Tesla MRI-Guided Biopsy Mini-Tutorial and Case Series: Experience at a Community Hospital Breast Center

BR144-ED-X (Digital Education Exhibit)

Ultrasound Optimization Techniques for Visualizing Post-Neoadjuvant Clipped Axillary Lymph Nodes During Radioactive Seed Localization

BR145-ED-THA6 (Thu, 12:15-12:45 PM, Station #6)

MR Safety for Breast Imagers

BR146-ED-X (Digital Education Exhibit)

Contrast Enhanced Breast Ultrasound: How We Do it and What We Have Learned

BR147-ED-THB6 (Thu, 12:45-1:15 PM, Station #6)

Electric Property Tomography (EPT): Technical Background and Clinical Application for Breast Lesions

BR148-ED-X (Digital Education Exhibit)

Heterogeneity of Breast Cancer: Impact and Strategies on Breast Imaging

BR149-ED-X (Digital Education Exhibit)

BRCA Related Breast Cancer: What the Radiologist Should Know

BR150-ED-X (Digital Education Exhibit)

Ultrasound Screening is Here: Are You Ready?

BR151-ED-X (Digital Education Exhibit)

Will You Pass the Test? Radiology-Pathology Correlation of Infectious, Inflammatory, and Vascular Lesions of the Breast

BR152-ED-X (Digital Education Exhibit)

Coarse Versus Coarse Heterogeneous Calcifications: Do These Need a Biopsy?

BR153-ED-X (Digital Education Exhibit)

Breast MRI Beyond the Breast: Incidental Findings

BR154-ED-X (Digital Education Exhibit)

Male Breast Cancer Detection in the Age of Genetic Testing: An Opportunity for Early Detection, Targeted Therapy, and Follow-Up in This High Risk Group

BR155-ED-X (Digital Education Exhibit)

The Unusual Suspects: Mammographic, Sonographic, and Histopathologic Appearance of Atypical Breast Masses

BR156-ED-X (Digital Education Exhibit)

Hormonal Effects on Breast Density (BD), Background Parenchymal Enhancement (BPE), and Fibroglandular Tissue (FGT): An Update on Hormonal Therapy Guidelines, Effects on Breast Biometrics, and Implications for Breast Cancer Detection

BR157-ED-X (Digital Education Exhibit)

Benign Non-neoplastic Lesions of the Breast: A Pictorial Review

BR158-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)

Multimodality Imaging of Non-Mammary Breast Metastases: Pictorial and Literature Review

BR159-ED-X (Digital Education Exhibit)

Radiological-Pathological Correlation of Rare Breast Tumors and Tumor-like Lesions

BR160-ED-X (Digital Education Exhibit)

Imaging-Pathologic Correlation of Breast Cancer with Monoenergetic Plus Imaging using Twin Beam Dual Energy-MDCT

BR161-ED-X (Digital Education Exhibit)

Tumor and Technical Factors Associated With Positive Margins in a Lumpectomy Specimen: What the Radiologist Should Know

BR162-ED-X (Digital Education Exhibit)

Echogenic Breast Masses: Why Worry?

BR163-ED-X (Digital Education Exhibit)

Do You Feel What I Feel? Imaging Management of Palpable Breast Abnormalities

BR164-ED-X (Digital Education Exhibit)

Screening Mammography: Clinical Guidelines versus Clinical Practice

BR165-ED-X (Digital Education Exhibit)

Look Before You Leap: Complications in the Post-Procedural Breast and What to Expect On Post-Procedure Imaging

BR166-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)

Abbreviated Breast MRI for Surveillance: A Retrospective Pictorial Essay

BR167-ED-X (Digital Education Exhibit)

Imaging of Ductal Carcinoma in Situ

BR168-ED-X (Digital Education Exhibit)

From Screening to Breast Biopsy in Octogenarian Women: Special Considerations

BR169-ED-X (Digital Education Exhibit)

What Do Dense Breasts Hide?

BR170-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Conventional and Advanced DWI Models for Breast Lesions
Evaluation: A Pocket Guide from ADC to Kurtosis

BR171-ED-X (Digital Education Exhibit)
Optimize Image Quality in Breast RM: A Pictorial-Based Guide for Residents

BR172-ED-X (Digital Education Exhibit)
Architectural Distortion: Fake News or Possible Missed Breast Cancer?

BR173-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Best Screening Practices for High-Risk Patients of All Ages: What to Do and When

BR174-ED-TUB8 (Tue, 12:45-1:15 PM, Station #8)
MRI Imaging of Neoadjuvant Chemotherapy in Breast Cancer: Illustrative Description of Potential Pitfalls with Pathologic Correlation

BR175-ED-WEA8 (Wed, 12:15-12:45 PM, Station #8)
Fact or Fiction: Imaging and Management of DCIS in 2017

BR176-ED-X (Digital Education Exhibit)
BIRADS Mammography: What Do Residents Need to Know?

BR177-ED-X (Digital Education Exhibit)
3D Microstructure Visualization of Lactiferous Duct Structure Based On Refraction X-Ray CT Imaging

BR178-ED-X (Digital Education Exhibit)
Ultrasound Approach to Nipple-Areolar Complex: What the Radiologist Should Know

BR179-ED-X (Digital Education Exhibit)
Increasing Our Knowledge of Breast Reduction

BR180-ED-X (Digital Education Exhibit)
Breast Calcifications on Tomosynthesis: A Guide to Imaging, Biopsy and Current Literature

BR181-ED-X (Digital Education Exhibit)
Imaging Evaluation of Extranodal Extension in Metastatic Breast Cancer

BR182-ED-X (Digital Education Exhibit)
Missed Opportunities: Appearances and Characteristics of Breast Tumors Missed by Mammography, DBT, US or MRI

BR183-ED-X (Digital Education Exhibit)
Ultrafast Dynamic Contrast Enhanced (DCE) Breast MRI: A New Paradigm for Kinetic Analysis in the Era of Speedy MRI

BR184-ED-X (Digital Education Exhibit)
Breast Angiosarcoma: A Pictorial Review

BR185-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)
Get it off Your Chest: Differential Diagnosis of Giant Breast Masses

BR186-ED-X (Digital Education Exhibit)
Magnetic Resonance of Breasts: The Challenges of Fat Saturation in T2-Weighted DIXON, STIR and SPAIR Sequences

BR187-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
Breast Cancer Tissue Markers and Genomic Profiling: A Primer for Radiologists

BR188-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)
Imaging Appearance, Evaluation and Interpretation Pitfalls of a New 3D Bioabsorbable Radiation Therapy Fiducial

BR189-ED-X (Digital Education Exhibit)
Non-Wire Non-Radioactive Localization in the Breast and Axilla: Tips, Principles, and Imaging with MG, US, MRI, and PET/CT

BR190-ED-X (Digital Education Exhibit)
MR Imaging Findings of Local Tumor Recurrence after Mastectomy

BR191-ED-X (Digital Education Exhibit)
Breast Cancer: Men Also Have Them

BR192-ED-X (Digital Education Exhibit)
Inflammatory/Infectious Mastitis: Findings on Magnetic Resonance Imaging

BR193-ED-X (Digital Education Exhibit)
What You Must Know About Complex Cystic Breast Masses

BR194-ED-X (Digital Education Exhibit)
What the Radiologist Needs to Know About the American Joint Commission on Cancer (AJCC) 8th Edition Update for Breast Cancer Staging

BR195-ED-X (Digital Education Exhibit)
Retroareolar/Periareolar Breast Cancer: An Easily Missed Diagnosis

BR196-ED-X (Digital Education Exhibit)
Involvement of the Breast by Connective Tissue Diseases: What Radiologists Should Know

BR197-ED-X (Digital Education Exhibit)
Beyond Gynecomastia: Mesenchymal Tumors in Male Breasts

BR198-ED-X (Digital Education Exhibit)
Magnetic Resonance Imaging (MRI) Features of Breast Mucinous Carcinoma with Histological Correlation

BR199-ED-X (Digital Education Exhibit)

A Step-By-Step Guide to Creating Low-Cost Breast Ultrasound Biopsy Phantoms for Resident Training

BR200-ED-X (Digital Education Exhibit)

Keeping Abreast of the Latest Mammography Guidelines: What Radiologists Should Know

BR201-ED-X (Digital Education Exhibit)

Spectrum of Magnetic Resonance Imaging in the Tuberculosis of Breast: Systematic Review of Cases

BR202-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)

Imaging Surveillance Following Breast Cancer Surgery: How to Do It

BR203-ED-X (Digital Education Exhibit)

Nipple Discharge: What Radiologists Need to Know

BR204-ED-X (Digital Education Exhibit)

Magnetic Resonance Imaging (MRI) Features of Breast-Invasive Lobular Carcinoma with Histological Correlation

BR205-ED-X (Digital Education Exhibit)

Special Physics Considerations in Tomosynthesis: Artifacts and Quality Control

BR206-ED-X (Digital Education Exhibit)

It Seems To Be but It's Not: Benign B5

BR207-ED-X (Digital Education Exhibit)

Magnetic Resonance Imaging Features of Breast Intraductal Papillomas

BR208-ED-X (Digital Education Exhibit)

False Negative and Interval Cancers in Synthetic 2D/Digital Breast Tomosynthesis Screening: What Are We Missing?

BR209-ED-X (Digital Education Exhibit)

Unusual Suspects: A Case-Based Review of Rare Pathological Processes in the Breast

BR210-ED-X (Digital Education Exhibit)

Incidental Sternal Lesions in Breast MRI of Cancer Patients

BR211-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Preoperative MRI in Patients with Invasive Lobular Breast Cancer: Impact on Surgical Outcomes

BR212-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

A Prospective Clinical Trial of 18F-Fluciclovine PET/CT for Imaging Pathologic Response to Neoadjuvant Therapy in Invasive Breast Cancers

BR213-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

A Deep-Learning Approach for Breast Lesions Classification from Tomosynthesis Images

BR214-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)

Screening Breast MRI in Patients with Prior History of Atypia or Lobular Neoplasia

BR215-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)

Use of Contrast-Enhanced Digital Mammography for Women with Palpable Breast Abnormalities

BR216-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Prediction of Invasive Component Using Texture Analysis on Preoperative Breast MRI in Patients with DCIS Diagnosed On Preoperative Core Biopsy: A Machine-Learning Approach

BR217-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

A Machine-Learning Model to Improve Multiparametric MRI Accuracy in Treatment Response Evaluation of Breast Cancer after Neoadjuvant Chemotherapy

BR218-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)

Diagnostic Accuracy of ABUS with and without Computer-aided Detection

BR219-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Efficacy of DBT in a Population-Based Breast Cancer Screening Program: Comparison of Interval Cancers Observed Before and After Introduction of Tomosynthesis

BR220-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)

Ability of Dual Energy CT to Detect Silicone Breast Implant Rupture and Nodal Silicone Spread

BR221-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

Additive Benefit of Quantitative Radiomics in Distinguishing Between Benign Lesions and Luminal A Cancer Subtypes on a Large Clinical Breast MRI Dataset

BR222-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Biennial versus Annual Screening Mammography: What Do Women Prefer?

BR223-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)

False Negative Rate of Percutaneous Axillary Lymph Node (ALN) Biopsy in Breast Cancer Patients

BR224-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)

Insurance Claims-Based Analysis of the Use of Digital Breast Tomosynthesis and Breast Ultrasound in Conjunction with Full-Field Digital Mammography

BR225-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)

Performance of Screening Breast Ultrasound Over Time

BR226-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)

Factors Affecting the Accuracy of Breast MR Images in the Evaluation of Tumor Extent Following Neoadjuvant Chemotherapy

BR227-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Quantitative Radiogenomics of MR Imaging for Predicting High-Risk Group of Recurrence in Estrogen Receptor-Positive Breast Cancer: Correlation with Results of Multi-Gene Classifier for Prognosis

BR228-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Linkage of the American College of Radiology (ACR) National Mammography Database (NMD) to the National Network of Required State Cancer Registries: Proof of Concept Trial

BR229-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Cost Reduction Analysis of 2D Mammography versus Tomosynthesis Recalls

BR230-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Detection of Early Breast Cancers: Varying Performance in Mammographic Interpretation between Radiologists from Screening and Non-Screening Countries

BR231-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Breast Ultrasound: A Useful Supplemental Screening Modality for Breast Cancer That Improves Disease-Free Survival in Korean Women 40 To 49 Years of Age with Dense Breasts

BR232-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Texture Features of Pre-Operative Contrast Enhanced MR Early Phase Images in Predicting Complete Response for Breast Cancer after Neoadjuvant Chemotherapy

BR233-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Correlation between MRI and the Level of Tumor-Infiltrating Lymphocytes in Patients with HER-2 Breast Cancer

BR234-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Computer-Aided Diagnosis of Contrast-Enhanced Spectral Mammography (CAD-CESM): A Feasibility Study

BR235-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Automated Computer-Automated Detection of Unknown Breast Lesions Using Functional Optical Imaging

BR236-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Comparing Radiation Dose of Contrast-Enhanced Spectral Mammography (CESM) to Digital Mammography and Digital Breast Tomosynthesis Using Patient Data

BR237-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Accuracy of MRI-Directed Ultrasound and Reliability of Ultrasound Guided Core Needle Biopsy for Sonographic Correlates of MRI Findings

BR238-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Hybrid Imaging: Fusing Optoacoustic Imaging with Ultrasound (OPUS) Differentiates Benign from Malignant Breast Lesions

BR239-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Feasibility of Synthetic Diffusion Weighted MR Images (DWI): Qualitative and Quantitative Comparison of Synthetic versus Acquired DWI in Patients with Breast Cancer

BR240-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Changes in Management and Follow-Up of Lesions of Uncertain Malignant Potential (High Risk Lesions): An Audit of 16 Years' Experience in a UK Screening Center

BR241-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Use of Three-Compartment Dual Energy Mammography in Reducing False Positive Breast Biopsies

BR242-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Automated Pre-Selection of Mammograms without Abnormalities Using Deep Learning

BR243-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Effect of Training on Breast Ultrasonography Performance and Agreements on US BI-RADS Features for Radiology Residents: A Multicenter Study Using Video Clips for Breast US

BR244-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Superb Microvascular Imaging: More Specific in Diagnosis of Breast Lesions and Can Reduce Unnecessary Biopsy of BI-RADS Category 4 Masses

BR245-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Contrast Texture-Derived MRI Radiomics Correlate with Breast Cancer Clinico-Pathological Prognostic Factors

BR246-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
The Role of Strain Elastography in the Evaluation of Breast Masses and Comparison of Efficacy of Different Elastography Scoring Methods

BR247-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Volumetric Breast Density Estimation from Digital Breast Tomosynthesis Images in a Large Screening Cohort

BR248-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Management of the Pure Papilloma Diagnosed by Ultrasound-Guided Core Needle Biopsy: Is Surgical Excision Necessary?

BR249-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Galactography in Tomosynthesis Technic: Renaissance of a Method?

BR250-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
What Do Patients Want to Know? Questions and Concerns Regarding Mammography Expressed through Social Media

BR251-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Application of Radiomics in the Evaluation of Biological Characteristics of Invasive Breast Cancer

BR252-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Large Breast Cancers in Women Attending Regular Screening: Risk Factors and Implications for Prognosis

BR253-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Missed and True Screen-Detected and Interval Breast Cancers in a Population-Based Screening Program

BR254-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Comparing Tumor Characteristics and Rates of Breast Cancers Detected by Screening Digital Breast Tomosynthesis and Digital Mammography

BR255-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Outcomes and Utility of Short Interval Follow-Up Breast MRI after Benign MRI-guided Biopsy

BR256-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Performance Measures for Diagnostic Digital Breast Tomosynthesis According to Indication for Mammography

BR257-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Resident and Faculty Concordance in Screening Mammography: Impact of Experience and Opportunities for Focused Instruction

BR258-SD-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Quantitative MR Imaging Biomarkers to Assess Breast Cancer Risk

BR259-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Experience in Other Modalities Could Exhibit a Reduced Breast Reader's Performance

BR260-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Upgrade Rate of Radial Scars (RS) Presenting On Combination 2D/3D Mammography versus 3D Mammography Alone

BR261-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Impact of Breast MRI on Treatment Decisions in Women Eligible for Breast Conservation Surgery and Intra-Operative Radiation Therapy

BR262-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Specialized Second Opinion Interpretations of Breast Imaging: Impact on Additional Workup and Management

BR263-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Are MRI Features of Estrogen Receptor-Positive Invasive Breast Cancers Predictive of Oncotype DX Recurrence Scores?

BR264-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Experience with the SAVI SCOUT System for Localization and Excision of Non-Palpable Breast Lesions

BR265-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Prediction of Tumor Response to Neoadjuvant Chemotherapy in Breast Cancer Patients Using Quantitative Tc99m Sestamibi Molecular Breast Imaging: Preliminary Results

BR266-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Computer-Aided Diagnosis of Breast Lesions with Deep-Learning and Radiomics Architecture using MR Images

BR267-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Diagnostic Value of Breast MRI in Evaluating Total Extent of Disease when Non-Calcified DCIS is Present in Stereotactic Core Biopsy Samples

BR268-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Are There Differences in Multiparametric PET/MRI Imaging Biomarkers of Contralateral Healthy Tissue in Patients with Benign and Malignant Breast Tumors?

Cardiac

CA001-ED-X (Digital Education Exhibit)
Myocardial T1 Mapping: Imaging and Pitfalls

CA100-ED-X (Digital Education Exhibit)
Clinical Features and CT Findings of Adult Congenital Heart Disease in Emergency Imaging: Transposition of the Great Arteries, Tetralogy of Fallot and Fontan Physiology

CA101-ED-X (Digital Education Exhibit)
The Fall-Out from Fallot: Review of Surgical Management and Sequela of Repair

CA102-ED-X (Digital Education Exhibit)
Coronary Artery Anomalies: So Rare and Not So Rare!

CA103-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
IgG4-related Cardiovascular Diseases: MDCT and FDG PET/CT Features of Inflammatory Aortitis/Periaortitis, Periarteritis, Coronary Artery Aneurysm, and Pericarditis

CA104-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Multimodality Imaging of Complications of Cardiac Valve Surgeries

CA105-ED-X (Digital Education Exhibit)
CT Imaging of Bioresorbable Stents: A Primer for Radiologists

CA106-ED-X (Digital Education Exhibit)
Chicken Wings, Cauliflower & Cacti, Oh My! What the Radiologist Needs to Know about Left Atrial Appendage Occlusion Devices

CA107-ED-X (Digital Education Exhibit)
Cardiac Conduction Device Lead Perforation: Review of Assessment Tools and Novel Imaging Approaches Utilizing Contrast-enhanced Cardiac-gated CT

CA108-ED-X (Digital Education Exhibit)
Imaging and Treatment of the Congenital Heart Diseases

CA109-ED-X (Digital Education Exhibit)
A Comprehensive Approach to Pericardial Imaging

CA110-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Cardiac MRI in Patients with Pacemakers/ICDs: Challenges and Solutions with a Practical Guide

CA111-ED-X (Digital Education Exhibit)
Recent Technical Development at Coronary CT Angiography: Impact on the Image Quality

CA112-ED-X (Digital Education Exhibit)
Pulse Sequences at the Heart of Cardiac MRI

CA113-ED-X (Digital Education Exhibit)
Four-dimensional (4D) Computed Tomography (CT) with Non-rigid Registration Between Adjacent Phases Before and after Transcatheter Aortic Valve Implantation (TAVI): One Step Forward Into the Future

CA114-ED-X (Digital Education Exhibit)
Atrial Septal Defect: Comprehensive Three-dimensional Reconstruction Using Dual-source Computed Tomography

CA115-ED-X (Digital Education Exhibit)
Low Radiation Dose and Low Contrast Medium Dose in Triple-rule-out CT with 256-detector CT: Techniques and Clinical Applications

CA116-ED-X (Digital Education Exhibit)
Cardiac Compression Syndrome: Influence of Deformation of the Thoracic Cage and Heart Itself on the Pathology of Cardiac Disease

CA117-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Vasculitis of the Coronary Arteries: Pathophysiology and Findings on Coronary CT Angiography (CTA)

CA118-ED-X (Digital Education Exhibit)
A Comprehensive Review of Radiography of Patients with Retained or Abandoned Lead

CA119-ED-X (Digital Education Exhibit)
Epicardial Fat: A CT Biomarker of Cardiovascular Risk in HIV Patients

CA120-ED-X (Digital Education Exhibit)
Contrast Flow Related Artifacts on CTA: Types, Imaging, Mimics and Complications

CA121-ED-X (Digital Education Exhibit)
Why Do We Evaluate Myocardium with CT? Advantage of CT Based Dynamic Myocardial Perfusion Imaging

CA122-ED-X (Digital Education Exhibit)
Myocardial Tissue Characterization in Danon Disease: New Insights with Cardiac Magnetic Resonance in an Under-recognized Cause of Left Ventricular Hypertrophy

CA123-ED-X (Digital Education Exhibit)
Alternative Access: TAVR Considerations Beyond Femoral Access

CA124-ED-X (Digital Education Exhibit)
Role of T2-Weighted Short Tau Inversion Recovery Image of Cardiac Magnetic Resonance and Positron Emission Tomography using 18F-Fluoro-2- Deoxyglucose for Evaluation of Disease Activity of Cardiac Involvement of Sarcoidosis

CA125-ED-X (Digital Education Exhibit)
Systematic Approach to Evaluating Calcified Cardiac Lesions

CA126-ED-X (Digital Education Exhibit)

Patient-Specific Blood Flow Analyses using Computational Fluid Dynamics: An Illustrated Step-by-Step Guide with Examples from CT Fractional Flow Reserve, Endothelial Shear Stress, Abdominal Aortic Aneurysms and Congenital Heart Disease

CA127-ED-X (Digital Education Exhibit)

Myocardial Tissue Characterization: Keeping it Simple

CA128-ED-X (Digital Education Exhibit)

Imaging the Pulmonary Valve

CA129-ED-X (Digital Education Exhibit)

Identify That Waveform: Recognizing Cardiac Disease and Cardiac Devices on Carotid and Peripheral Doppler Ultrasound

CA130-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)

Pre-Procedural Imaging Evaluation of Pulmonary Valve Replacement after Repair of Tetralogy of Fallot: What the Radiologist Needs to Know

CA131-ED-WEA8 (Wed, 12:15-12:45 PM, Station #8)

CT and MRI of Non-neoplastic Cardiac and Pericardial Masses

CA132-ED-X (Digital Education Exhibit)

4D Flow MR in Cardio-Vascular Imaging: When Myth Becomes Reality

CA133-ED-X (Digital Education Exhibit)

Saphenous Vein Graft Aneurysms: Improving Recognition and Interpretation for the General Radiologist

CA134-ED-X (Digital Education Exhibit)

Bands in the Heart: A Multimodality Imaging Review

CA135-ED-X (Digital Education Exhibit)

Cardiac Masses of the Central Venous Pathways: Value of Cardiovascular MRI

CA136-ED-X (Digital Education Exhibit)

The Use of Cinematic Rendering in Cardiovascular Imaging

CA137-ED-X (Digital Education Exhibit)

Using Novel Imaging Modalities to Evaluate Cardiac Masses and Pseudo-Masses

CA138-ED-X (Digital Education Exhibit)

Cardiac MR Strain: Strain Encoded Imaging

CA139-ED-X (Digital Education Exhibit)

Hypertrophic Cardiomyopathy: Role of Imaging in Diagnosis, Risk Stratification, and Management

CA140-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)

CAD-RADS™: Standardized Reporting System for Coronary Artery Disease: Making the Decision Easy

CA141-ED-X (Digital Education Exhibit)

Inter-atrial Septum: Pictorial Review of Congenital and Acquired Pathologies and their Surgical Management

CA142-ED-X (Digital Education Exhibit)

Challenges and Problem Solving in Myocardial Delayed Enhancement MRI: Magnitude versus Phase Sensitive Inversion Recovery

CA143-ED-X (Digital Education Exhibit)

Intracardiac Thrombus: Pathophysiology, Imaging Characteristics and Differential Diagnosis

CA144-ED-X (Digital Education Exhibit)

Advances in Parametric Mapping with Cardiac Magnetic Resonance Imaging for Characterizing Myocardial Diseases

CA145-ED-X (Digital Education Exhibit)

Overview of Complications of Acute & Chronic Myocardial Infarction: Revisiting Pathogenesis and Cross Sectional Imaging

CA146-ED-X (Digital Education Exhibit)

Mapping the MAPCAs with Dual Source CT: What Do the Cardiothoracic Surgeons Want to Know?

CA147-ED-X (Digital Education Exhibit)

Myocarditis and Inflammatory Cardiomyopathy with Multimodality Imaging: Possibilities and Challenge

CA148-ED-X (Digital Education Exhibit)

Dual-Energy Adenosine Stress Perfusion CCTA: What You Need to Know

CA149-ED-X (Digital Education Exhibit)

¹H-Magnetic Resonance Spectroscopy for Metabolic Imaging of Myocardial Triglyceride content: How to Do It

CA150-ED-X (Digital Education Exhibit)

Three-dimensional CT Evaluation of Pulmonary Venous Anatomy Variation in Patients Undergoing Catheter Ablation for Atrial Fibrillation: What Radiologists Should Know

CA151-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)

The Importance of CT Imaging of the Mitral Valve for Pre-procedure Planning and Visualization

CA152-ED-X (Digital Education Exhibit)

Myocardial Mapping: A Valuable Tool in the Study of Cardiomyopathies - Practical Applications

CA153-ED-X (Digital Education Exhibit)

Comprehensive Role of Cardiac MRI in the Evaluation of Heart Failure with Preserved Ejection Fraction: A Case-Based Review of Algorithmic Approach

CA154-ED-X (Digital Education Exhibit)

Cardiac Imaging in the Arrhythmic Patient: Challenges and Solutions Using a Case-based Approach

CA155-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)

Dynamic Cardiac CT with Functional Evaluation: A Case-based Review

CA156-ED-X (Digital Education Exhibit)

The ABCs of Computed Tomographic Imaging in Post Coronary Artery Bypass Graft (CABG) Surgery Patients: All That You Ought to Know

CA157-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)

Determination of Fractional Flow Reserve Using Coronary CT Angiographic Images

CA200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Low Tube Voltage CT Coronary Artery Angiography Using Prospectively ECG-Triggered Double High-Pitch Acquisition

CA201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Iodine Quantification of Myocardium in Late Iodine Enhancement with Spectral CT: Phantom Study and Preliminary Experience in Normal Subjects

CA202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

3D Late Gadolinium Enhancement (3D-LGE) Sequence at 3T Cardiac MRI: Feasibility, Obtained Information and Limitations

CA203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)

Stress-Computed Tomographic Perfusion Improve Diagnostic Accuracy of Coronary Computed Tomographic Angiography in Intermediate to High-Risk Patients for Coronary Artery Disease

CA204-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)

Cardiac Magnetic Resonance Feature Tracking Derived Myocardial Strain, Delayed Enhancement and Edema in Myocarditis

CA205-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Comparison of Sports Activity between Ambitious Triathletes with and without Myocardial Late Gadolinium Enhancement

CA206-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

Influence of Image Reconstruction Parameters on Cardiovascular Risk Reclassification by Computed Tomography Coronary Artery Calcium Score

CA207-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)

Evaluation of Partial Volume Effect Improvement Using Ultra-High Resolution CT with 0.25-Mm Slice Thickness 160 Detector Rows

CA208-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Adenosine Triphosphate Stress Dynamic Myocardial Perfusion Imaging with Third-generation Dual-source CT at 70 kV Tube Voltage: Comparison with Conventional Invasive Coronary Angiography and Fractional Flow Reserve

CA209-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)

Deformable Registration-Based Analysis of Cine MR for Quantification of Regional Myocardial Function: Validation with Myocardial Tagging

CA210-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

A Novel Contrast Injection Protocol of Variable Two-Phase Injection Method for Cardiac CT

CA211-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Non-Contrast Compressed Sensing Whole-Heart Coronary MRA at 3T: First Results in Twenty Healthy Volunteers

CA212-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)

Coronary Artery Stent Evaluation Using a Vascular Model at Ultra-High Resolution CT with 0.25-mm Slice Thickness

CA213-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)

The Impact of Forward-projected Model-based Iterative Reconstruction SoluTion (FIRST) on Diagnostic Performance of Coronary CT Angiography with Lower Radiation Dose

CA214-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)

Influence of Myocardial Mass on Accuracy of Machine-Learning Coronary CTA-Derived Fractional Flow Reserve Compared to Invasive Measurement: Results from the MACHINE-Registry

CA215-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)

Initial Experience with Contrast-Enhanced Whole-Heart 3D Cine Cardiac MRI within a Single Breath-Hold at 3T

CA216-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)

Cardiac Sympathetic Denervation in Anderson-Fabry Disease Precedes Myocardial Fibrosis: A 123I -Metaiodobenzylguanidine Myocardial Scintigraphy and Magnetic Resonance Imaging Study

CA217-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)

In Vivo Measurement of Normal Myocardial Tissue Density Using Material Decomposition Image with Spectral CT

CA218-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)

Evaluation of Myocardial Extracellular Volume Fraction in Heart Failure Patients Using Iodine Map by Spectral CT: Comparison with MRI T1 Mapping Approach

CA219-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)

Prediction of Infarct Size and Long-Term Adverse Cardiac Outcome by Tissue Tracking Cardiac Magnetic Resonance in ST-Segment Elevation Myocardial Infarction

CA220-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)

A Pilot Study on Left Ventricular Myocardial Strain in Patients with Coronary Chronic Total Occlusion by Cardiovascular Magnetic Resonance Feature Tracking

CA221-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)

Diagnostic Performance of CT-FFR in Comparison with Perfusion MRI for Detecting Myocardial Ischemia: An Initial Experience

CA222-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
CMR Diagnosis of Right Ventricular Myocarditis (RVM): Overlapping Phenotypes with Arrhythmogenic Right Ventricular Dysplasia

CA223-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Monochromatic Imaging of Dual-Layer Spectral Detector CT Improve Visualization of Myocardial Hypo-Perfusion

CA224-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Quantification of Mitral Insufficiency Using Cardiac MRI: Volumetric Versus Velocity Assessment

CA225-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
The Potential of Myocardial Extracellular Volume Fraction and the Aortic Valvular Calcification Load as the Biomarkers Provided from TAVI Planning CT: Comparison of High-Gradient versus Paradoxical Low-Gradient Severe Aortic Stenosis

CA226-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Acute Adverse Events in Cardiac MR Imaging (CMR) with Gadolinium Based Contrast Agents: Results from the European Society of Cardiovascular Radiology (ESCR) MRCT Registry

CA227-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
An Evaluation of Diagnostic Accuracy of Coronary CT Angiography within a Single Cardiac Cycle on Patients with Atrial Fibrillation Using 256-Row Detector CT

CA228-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Diagnostic Accuracy Comparison of Low and High Tube Voltage Coronary CT Angiography using Tailored Contrast Medium Injection Protocols

CA229-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Advantages of Corrected Coronary Opacification (CCO) in Assessment of Calcified Plaques Not Properly Evaluable with Standard Method of CT Analysis: Comparison between CCO and Stress CMR

CA230-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
The Role of Angio-CT in Quantification of Calcifications of the Aortic Arch and Correlation with Cerebrovascular Events and Hospitalization Rate in Patients Undergoing TAVI

CA231-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Myocardial T1 Mapping for Evaluation of Catecholamine-Induced Cardiac Injury in Patients with Pheochromocytoma

CA232-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
The Added Value of Including Mid-Systolic Aortic Annulus Measurements in the Report of Pre-Procedural Cardiac CT Performed On Candidates for Transcatheter Aortic Valve Replacement

CA233-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Accuracy of Pulmonary Vein Isolation for Atrial Fibrillation Using Non-Enhanced Cardiac Computed Tomography (CT): Comparison of Contrast Enhanced Cardiac CT

CA234-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Dual-Energy CT Venography of the Lower Extremity as Part of Presurgical Evaluation in Complicated Cases before Coronary Artery Bypass Graft

CA235-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
The Value of Wide-Detector Helical CT Combined with Adaptive Statistical Iterative Reconstruction-V in Patients with High Heart Rate in Coronary CT Angiography

CA236-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Evaluation of the Use of Coronary Computed Tomography Angiography as a Follow-Up to a Negative Cardiac Stress Test in Young Adult Patients

CA237-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Understanding Pressure Gradient and Pressure Mapping in Patients with Bicuspid Aortic Valve: Usefulness of Pressure Mapping

CA238-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Prevalence, Localization and Extent of Myocardial Fibrosis in Competitive Triathletes Detected By Late Gadolinium Enhancement

CA239-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Usefulness of Hybrid Imaging on Cardiac CT and ¹³N-Ammonia PET for Assessment of Significant Coronary Artery Disease

CA240-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Off-Pump versus On-Pump Coronary Artery Bypass Surgery - Graft Patency Assessment with Coronary CT Angiography: A Prospective Multicenter Randomized Controlled Study

CA241-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Incremental Diagnostic Value of Stress Testing for Intermediate Obstructive Lesions on Coronary CT Angiography in Acute Chest Pain

CA242-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Precise Regional RV Function Measurement in the Adult Congenital Heart with Low Radiation Dose CT and SQUEEZ Processing

CA243-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Evaluation of the Incremental Value of 3T CE-MRCA Combined with MR Stress Perfusion for Detecting Suspected Coronary Artery Disease

CA244-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
CT Calcium Score in Patients with Prior Non-Gated Chest CT: Is it Necessary?

CA245-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Clinical Relevance of Microvascular Obstruction (MVO) Observed on Cardiac MRI after STEMI: A Prospective Study

CA246-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
The Effect of Nitroglycerin for Fractional Flow Reserve from CT

CA247-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Mid- and Long-Term Effects of Repetitive Prolonged Breath-Hold in Elite Divers on Myocardial Fibrosis and Cerebral Morphology: A Follow-Up Study

CA248-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
The Value of Wide-Detector Revolution CT in Diagnosis of Congenital Heart Disease in Infants and Children: An Angiography Study Using Prospective ECG-Gated Technique and Low-Level Tube Voltage

CA249-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Analysis of Distensibility characteristics of Coronary Sinus, Ascending Aorta, Descending Aorta and Pulmonary Artery using 640 slice-Volume CT

CA250-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Cardiac MR-derived Extracellular Volume (ECV) in Healthy Subjects: A Systematic Review and Meta-analysis

CA251-SD-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Coronary Artery Calcium Score: Validation of an Automated Process for Assessment on Standard CT of the Chest Evaluations

CA252-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Segmental Analysis of Left Ventricular Myocardial Extracellular Volume Fraction in Healthy Adults Based on MOLLI T1 Mapping: Normal Range and the Value of Feature/Contour Based Registration

CA253-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Left Atrial Appendage Thrombus as a Preventable Cause of Stroke: Complex Imaging Modalities versus Prone Position MDCT

CA254-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Radiation Dose of Coronary Calcium Scoring and Coronary CT Angiography with a Third-Generation Dual-Source CT in Unselected Patients

CA255-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Left Atrial Inflow and Vortex Formation in Patients with Paroxysmal Atrial Fibrillation Using 4D Phase Contrast Magnetic Resonance Imaging

CA256-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Imaging Characteristics of Cardiac Metastases in Patients with Malignant Melanoma

CA257-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
The Effects of Snapshot Freeze Motion Correction Algorithm on Coronary CT Angiography for Patients with Free Heart Rates

CA258-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Detection of Vulnerable Plaques by Coronary CT in Comparison with Intravascular Ultrasound

CA259-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
High-pitch Coronary Angiography Using Third-Generation Dual-Source CT in Freely Breathing Patients with High Heart Rates

CA260-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
CT Coronary Angiography for Stable Chest Pain: Estimated Service Requirement if the United States Adopted New Guidelines from the United Kingdom

CA261-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Feasibility of One-Stop-Shop Coronary Computed Tomography Angiography (CCTA) Combined with Left Atrium and Pulmonary Veins Imaging for Atrial Fibrillation Patients Using Wide-Detector CT

CA262-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Cardiac Abnormalities Assessed by T1 Mapping and Myocardial Extracellular Volume Fraction in Patients with Inflammatory Myopathies in Cardiovascular Magnetic Resonance Imaging at 3T

CA263-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Association between Serum Uric Acid and the Characteristics of Coronary Plaque Burden: Assessment with Coronary CT Angiography

Chest

CH001-EB-X (Hardcopy Backboard)

Chronic Lung Consolidation: Diagnostic Approach

CH002-EB-X (Hardcopy Backboard)

Thoracic Metastasis: Where Are You From? Radiologic Overview According to Distant Primaries

CH003-EB-X (Hardcopy Backboard)

Clinical and Radiologic Findings of Pulmonary Tuberculosis in the Immunocompromised Hosts: What Radiologists Should Know

CH004-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)

Imaging Signs of Chronic Pulmonary Thromboembolism: The Story So Far

CH005-EB-X (Hardcopy Backboard)

Non-Thrombotic Pulmonary Embolism: What the Radiologist Wants to Know

CH006-EB-X (Hardcopy Backboard)

Subtraction CT for Imaging Pulmonary Embolism Perfusion Defects

CH007-EC-X (Custom Application Computer Demonstration)

Pay High Attention to High Attenuation: A Pictorial Essay of High Attenuation Lung Lesions

CH008-EB-X (Hardcopy Backboard)

Let's Go Spelunking: Lung Cavities Beyond TBC

CH009-EB-X (Hardcopy Backboard)

The Radiologist's Contribution to the Multidisciplinary Pre-Lung Transplant Evaluation: A Breath of Fresh Air

CH010-EB-X (Hardcopy Backboard)

Out with the Old and in with the New: A Comparison of the 7th and 8th Editions of the TNM Staging for Lung Cancer

CH011-EB-X (Hardcopy Backboard)

CT-Guided Fiducial Placement for Preoperative Localization of Small Pulmonary Nodules: How We Do It

CH100-ED-X (Digital Education Exhibit)

Beyond Pulmonary Embolism: Nonthrombotic Pulmonary Embolism as Diagnostic Challenges

CH101-ED-SUA5 (Sun, 12:30-1:00 PM, Station #5)

Non-Neoplastic Diffuse Soft Tissue Chest Wall Diseases

CH102-ED-X (Digital Education Exhibit)

The Linx Device: A Novel Approach in the Treatment of GERD

CH103-ED-X (Digital Education Exhibit)

Congenital Aortopathies: What the Radiologist Should Know

CH104-ED-X (Digital Education Exhibit)

Breathe New Life into Your Chest CT Exams Using Advanced Acquisition and Post-Processing Techniques

CH105-ED-X (Digital Education Exhibit)

Pitfalls in MRI of Thymic Masses

CH106-ED-X (Digital Education Exhibit)

Fat-Containing Lesions of the Chest: Beyond Hamartomas

CH107-ED-X (Digital Education Exhibit)

Smoke: Non-Uniform Intravascular Contrast Enhancement on Chest CT

CH108-ED-SUB5 (Sun, 1:00-1:30 PM, Station #5)

ABCs of EGFR, ALK, and ROS1: The Modern Science of Radiogenomics

CH109-ED-X (Digital Education Exhibit)

High-Density Material in the Pleural Space

CH110-ED-X (Digital Education Exhibit)

Breathing Underwater: A Review of Pleural Physiology, Pathophysiology, and Thoracic Imaging Findings

CH111-ED-X (Digital Education Exhibit)

Lung Cancer Screening: An Algorithmic Approach

CH112-ED-X (Digital Education Exhibit)

Bronchopulmonary Sequestration: Spectrum of Appearance on CT

CH113-ED-X (Digital Education Exhibit)

Throw Chest Radiologists a Bone!: Thoracic Diseases with Musculoskeletal Manifestations and Vice Versa

CH114-ED-X (Digital Education Exhibit)

Collateral Pathways from Superior Thoracic Inlet Venous Obstruction (STIVO): Review of Embryology, Anatomy, and Clinical Relevance

CH115-ED-MOA6 (Mon, 12:15-12:45 PM, Station #6)

Update of the Fleischner Society Guidelines for Incidental Nodule Management: Answers to Frequently Asked Questions - Solid Pulmonary Nodules

CH116-ED-X (Digital Education Exhibit)

Should I Be Concerned About That? Clarifying Common Doubts in Incidental Nodule Management Encountered in General Practice (An Update of the Fleischner Society Guidelines)

CH117-ED-X (Digital Education Exhibit)

Test Your Knowledge: Venous Collateral Pathways in the Chest

CH118-ED-X (Digital Education Exhibit)

Congenital and Acquired Transdiaphragmatic Communication: Types, Imaging, Mimics, Complications and Treatment

CH119-ED-X (Digital Education Exhibit)

Update of the Fleischner Society Guidelines for Nodule Management: Answers to Frequently Asked Questions - Subsolid Pulmonary Nodules

CH120-ED-X (Digital Education Exhibit)

Puff the Magic Dragon: A Review of Marijuana Use and Associated Thoracic Imaging Findings

CH121-ED-X (Digital Education Exhibit)

Diseases with Thoracic and Orbital Involvement: What the Radiologist Should Know

CH122-ED-X (Digital Education Exhibit)

Imaging of Response to Radiation Therapy in the Chest: Impact of Therapeutic Modality on Image Interpretation

CH123-ED-X (Digital Education Exhibit)

The Mediastinal Visceral Space: Central Pathway for the Spread of Mediastinal Disease

CH124-ED-X (Digital Education Exhibit)

Alveolar Pulmonary Metastases: Facing the Challenges

CH125-ED-X (Digital Education Exhibit)

Fibrosing Mediastinitis Revisited: Multimodality Imaging and Histopathologic Correlation of Focal and Diffuse Fibrosing Mediastinitis

CH126-ED-X (Digital Education Exhibit)

Pulmonary Edema: Common and Uncommon Etiologies and Radiographic Manifestations

CH127-ED-X (Digital Education Exhibit)

Multimodality Imaging Of Solitary Fibrous Tumor of the Pleura (SFTP)

CH128-ED-X (Digital Education Exhibit)

Calcific/Ossific Disorders of the Lungs and Pleura

CH129-ED-X (Digital Education Exhibit)

The Good the Bad and the Ugly: Recognizing Thoracic Radiotherapy Complications

CH130-ED-X (Digital Education Exhibit)

Tuberculosis in 4D: Imaging Findings from Head to Toe and Throughout the Time

CH131-ED-X (Digital Education Exhibit)

A Sound Approach to Biopsy: Ultrasound Guided Techniques For Lung and Chest Percutaneous Interventions

CH132-ED-X (Digital Education Exhibit)

Pulmonary Embolism: Much Beyond Deep Venous Thrombosis Embolization

CH133-ED-X (Digital Education Exhibit)

The Exhibition and Clinical Utility of High Resolution Three Dimensional Surface/Volume Rendering (HR-3D) CT in Various Pleural/ Pulmonary Diseases

CH134-ED-X (Digital Education Exhibit)

New CT-Based Mediastinal Compartment Classifications and Differential Diagnosis of Mediastinal Tumors

CH135-ED-X (Digital Education Exhibit)

Interventional Radiologic Procedures in Thoracic Infections: What Every Radiologist Should Know

CH136-ED-X (Digital Education Exhibit)

Interpreting the Reversed Halo Sign: Differential Characteristics and Key Clues

CH137-ED-X (Digital Education Exhibit)

Opportunities for Translation of Quantitative Imaging Biomarkers into Clinical Cardiothoracic CT

CH138-ED-X (Digital Education Exhibit)

Pulmonary Tuberculosis: A Change of Paradigm

CH139-ED-X (Digital Education Exhibit)

Optimized Preprocedural Evaluation and Technique for CT-Guided Transthoracic Lung Biopsy: Comprehensive and Up-to-Date Literature Review

CH140-ED-X (Digital Education Exhibit)

Histoplasmosis: The Many Flavors of a Forgotten Fungus

CH141-ED-X (Digital Education Exhibit)

Pulmonary Manifestation of the Collagen Vascular Disorder

CH142-ED-X (Digital Education Exhibit)

TNM Staging System for Esophageal Cancer: What is New

CH143-ED-X (Digital Education Exhibit)

Chest Digital Tomosynthesis: A Useful Tool Between X-Ray and CT

CH144-ED-X (Digital Education Exhibit)

Coincidence? I Think Not! What You Don't Know About Pulmonary Vein Hypoperfusion

CH145-ED-X (Digital Education Exhibit)

Common and Uncommon Manifestations of Cardiothoracic Mucormycosis

CH146-ED-X (Digital Education Exhibit)

Thoracic Hernias: A Radiologic Review

CH147-ED-X (Digital Education Exhibit)

Dynamic Chest Radiography for Follow-Up Assessment of Diaphragm Movement

CH148-ED-X (Digital Education Exhibit)

Similar but Not the Same: Differentiating Pulmonary Mucormycosis from Aspergillosis

CH149-ED-X (Digital Education Exhibit)

Primary Intrathoracic Sarcomas: Epidemiological Particularities and Radio-Pathological Correlations

CH150-ED-MOB6 (Mon, 12:45-1:15 PM, Station #6)

Post-treatment Complications in Esophageal Cancer: Common and Unexpected CT Imaging Findings

CH151-ED-TUA6 (Tue, 12:15-12:45 PM, Station #6)

What CT Findings Besides the TNM Classification or Staging Can Radiologists Provide to Thoracic Surgeons for Safe Lung Cancer Surgery

CH152-ED-X (Digital Education Exhibit)

Is the Effectiveness of the Spiral Flow Realizable Also in a Clinical CT Scanning Scene?

CH153-ED-X (Digital Education Exhibit)

What a Profound Traceal World!

CH154-ED-X (Digital Education Exhibit)

Pulmonary Lymphatic Pathology: Imaging, Genetics, and Beyond

CH155-ED-X (Digital Education Exhibit)

To Review the Imaging Appearances of Pleural Pathologies on 18FDG PETCT

CH156-ED-X (Digital Education Exhibit)

Adding Value: What Do Pulmonologists Want from Radiologists and Vice Versa - Imaging Examples and Learning Points from a Joint Clinical Governance Round

CH157-ED-X (Digital Education Exhibit)

Response Assessment in Non-Small Cell Lung Cancer (NSCLC): Beyond RECIST Past, Present and Future

CH158-ED-X (Digital Education Exhibit)

When Amyloidosis Involves the Respiratory System

CH159-ED-X (Digital Education Exhibit)

Radiologic Overview of Aspiration-Induced Lung Diseases in Adults

CH160-ED-X (Digital Education Exhibit)

Primary Tracheobronchial Amyloidosis and Its Imaging Features

CH161-ED-X (Digital Education Exhibit)

Thoracic Involvement of IgG4-Related Disease: Radiologic-Pathologic Correlation

CH162-ED-X (Digital Education Exhibit)

Giving Thought to UIP Pattern: Radiologic-Pathologic Correlation in Various Etiologies and the Role of Radiologists in Multidisciplinary Diagnosis

CH163-ED-X (Digital Education Exhibit)

An Interactive Radiologic-Pathologic Correlation of WHO 2015 Classification Primary Epithelial Tumors of the Lung

CH164-ED-X (Digital Education Exhibit)

How to Differentiate Between Benign and Malignant Pleural Effusion with Non-Enhanced Dual-Energy Spectral CT

CH165-ED-X (Digital Education Exhibit)

Uncommon Pulmonary Manifestations from Extrapulmonary Tumors: CT-Pathologic Correlation

CH166-ED-X (Digital Education Exhibit)

Ballistic and Penetrating Injuries of the Chest: What Residents Need to Know

CH167-ED-X (Digital Education Exhibit)

Edge of the Film: How to Manage Incidental Extra-Pulmonary Findings on Thoracic Imaging

CH168-ED-X (Digital Education Exhibit)

The Aftermath of Bronchiectasis: A Radiologist's Guide to Finding Answers

CH169-ED-X (Digital Education Exhibit)

Rare Primary Tumors of the Lung and Pleura: A Radiological Pathological Review of Unusual Entities

CH170-ED-X (Digital Education Exhibit)

Pulmonary Lymphatics and Related Pathologies: What Radiologists Should Know

CH171-ED-X (Digital Education Exhibit)

Thoracic Ultrasonography A to Z: Everything You Need to Know!

CH172-ED-X (Digital Education Exhibit)

Sonographic Evaluation of Diaphragmatic Dysfunction

CH173-ED-X (Digital Education Exhibit)

The Many Faces of Leukemia in the Thorax

CH174-ED-TUB5 (Tue, 12:45-1:15 PM, Station #5)

Evaluation of the Orthotopic Heart Transplant: What the Radiologist Should Know about the Early and Late Post-Transplant Periods

CH175-ED-X (Digital Education Exhibit)

Radiologic Findings of Postoperative Complications after Thoracic Surgery

CH176-ED-X (Digital Education Exhibit)

Unlocking the Mystery of Thymus Gland: Imaging Holds the key to the Chest

CH177-ED-X (Digital Education Exhibit)
Central Venous Access Devices in Diagnostic Imaging: Getting It Right!

CH178-ED-X (Digital Education Exhibit)
Diagnostic Dilemmas in Chest Imaging

CH179-ED-WEA7 (Wed, 12:15-12:45 PM, Station #7)
MRI Evaluation of Thymic Pathology

CH180-ED-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Lung Transplant for the Radiologist: Updates on Pre and Post-Transplant Imaging Features with Clinical and Pathologic Correlation

CH181-ED-X (Digital Education Exhibit)
Pulmonary Cystic Lesions: Atypical Presentation of Lung Cancer

CH182-ED-X (Digital Education Exhibit)
Lung Ultrasound Essentials

CH183-ED-X (Digital Education Exhibit)
The Quantification of Respiratory Movements Using Dynamic Respiratory CT

CH184-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
Thoracic Imaging in PET-CT: When CT Makes the Difference (Case-Based)

CH185-ED-X (Digital Education Exhibit)
CT Evaluation of Cavitory Lung Lesions

CH186-ED-X (Digital Education Exhibit)
Acute and Chronic Lung Allograft Dysfunction (ALAD-CLAD): Review of Nomenclature with Emphasis on Cross Sectional Imaging Findings with Histopathological Correlation - A Road Less Travelled

CH187-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)
Dual-energy CT Pulmonary Angiography: Scanning techniques, Contrast Reduction, and Postprocessing

CH188-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Lung Cancer Operative Planning: What the Surgeon Wants to Know

CH189-ED-X (Digital Education Exhibit)
The Neglected Adult Thymus: Variants, Pathology and Mimics

CH190-ED-X (Digital Education Exhibit)
Mediastinal Lymphadenopathy: Differential Diagnosis Based on Tomographic Patterns

CH191-ED-X (Digital Education Exhibit)
Taking it to Heart: What the Radiologist Needs to Know About Cardiac Devices Encountered on Chest Imaging

CH192-ED-X (Digital Education Exhibit)
Sonographic Evaluation of the Diaphragm: Morphology and Kinetics in Pathological Processes

CH193-ED-X (Digital Education Exhibit)
Non-Neoplastic Radiological Findings in Smokers

CH194-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Practical Dual-Energy CT Workflows for Problem-Solving in Chest Imaging

CH195-ED-X (Digital Education Exhibit)
Multimodality Evaluation of Central Venous Obstruction in the Chest: The Usual and Unusual Suspects of Collateralization

CH196-ED-TUA7 (Tue, 12:15-12:45 PM, Station #7)
PE or No PE: Alternative Diagnoses on CTA

CH197-ED-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Helpful Tips for Identifying Incidental Pulmonary Emboli and Infarcts on Non-CTA Imaging Exams

CH198-ED-X (Digital Education Exhibit)
Thoracic Manifestations of Common Inheritable Immunodeficiency Disorders (CIID): Complete Radiological Spectrum

CH199-ED-X (Digital Education Exhibit)
Test Your Knowledge: Benign Lesions of the Adult Esophagus

CH200-ED-X (Digital Education Exhibit)
Imaging of the Pleura: The Good, the Bad, and the Ugly

CH201-ED-X (Digital Education Exhibit)
Lessons from Thoracic Oncologic Multidisciplinary Conference: What the Radiologist Needs to Know

CH202-ED-X (Digital Education Exhibit)
CT Imaging Features of Axillary Disease: Knowing the Nooks and Crannies

CH203-ED-X (Digital Education Exhibit)
Pulmonary Vascular Tumors and Proliferations: CT- Pathologic Correlation

CH204-ED-X (Digital Education Exhibit)
Correlation among Lung Perfusion Blood Volume (Lung PBV), Lung Perfusion SPECT, and Pulmonary Angiography Images in Patients with Chronic Thromboembolic Pulmonary Hypertension (CTEPH) Before and After Balloon Pulmonary Angioplasty (BPA)

CH205-ED-X (Digital Education Exhibit)
Which Scan Mode We Should Use with 320 Detector Row CT for Pulmonary Imaging

CH206-ED-X (Digital Education Exhibit)

Mountains Beyond Mountains: Lessons and Limitations from Non-Contrast CT Imaging of Advanced Chest Pathology in an Underserved, Rural International Community

CH207-ED-X (Digital Education Exhibit)

When Vasculitis Manifests in the Thorax: Spectrum of Imaging Findings

CH208-ED-X (Digital Education Exhibit)

Chest Perfusion Imaging (CPI): From Technical Principles to Clinical Applications

CH209-ED-X (Digital Education Exhibit)

Lung Cancer Classification Made Simple: Tips, Tricks and Current Updates

CH210-ED-X (Digital Education Exhibit)

Primary Thoracic Sarcomas: A Pictorial Essay

CH211-ED-X (Digital Education Exhibit)

Isolated Aortitis: Concept and Imaging Diagnosis

CH212-ED-X (Digital Education Exhibit)

Primary Chest Wall Tumors Radiologic-Pathologic Correlation

CH213-ED-X (Digital Education Exhibit)

What the Radiologist Needs to Know About Pulmonary Thromboembolism with Dual-Energy CT

CH214-ED-X (Digital Education Exhibit)

Chest X-Ray in Intensive Care Unit Patients: What to Know About Thoracic Devices

CH215-ED-X (Digital Education Exhibit)

Unraveling the Mysteries of the Chest Wall: Complete Imaging Review of Chest Wall Masses

CH216-ED-X (Digital Education Exhibit)

Thoracic Involvement in Collagen Vascular Disorders: A Pictorial Essay

CH217-ED-X (Digital Education Exhibit)

Dual Energy CT in Evaluation of Pulmonary Embolism: Opportunities, Challenges, Pitfalls and Solutions

CH218-ED-X (Digital Education Exhibit)

Update on Thoracic Applications of Multienergetic CT

CH219-ED-X (Digital Education Exhibit)

Chest Abnormalities in Gastrointestinal Disorders: Imaging Review of a Complex Synergy

CH220-ED-X (Digital Education Exhibit)

Cardiothoracic Abnormalities in Genitourinary Disorders: A Multimodality Review

CH221-ED-MOB7 (Mon, 12:45-1:15 PM, Station #7)

Diffuse Lung Disease: Simple Stepwise Method of Interpretation

CH222-ED-X (Digital Education Exhibit)

What's in a Name: Thoracic Imaging Findings in Erdheim-Chester Disease

CH223-ED-X (Digital Education Exhibit)

Avoiding a Pain in the Neck: A Review of Lower Neck Anatomy and Pathology Encountered on Thoracic CT

CH224-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

A New Parameter in the Morphological Evaluation of COPD: The Bulla Index

CH225-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Time-Dependent Analysis of Incidence, Risk Factors and Clinical Significance of Pneumothorax after Percutaneous Lung Biopsy

CH226-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

Differential Diagnosis Efficacy of Thymic Solid Tumors with Intravoxel Incoherent Motion Diffusion-Weighted MR Imaging

CH227-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)

Integrated Prognostic Evaluation of Clinicopathologic and Radiologic Factors in Lung Squamous Cell Carcinoma

CH228-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Quantitative Radiomics Model in Predicting Malignancy of Small Solid Nodules Detected by Low-Dose CT Screening for Lung Cancer

CH229-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

Radio-guided Occult Lesion Localization of Nonpalpable Lung Lesions: Technique Implementation and First Results

CH230-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)

Correlation between Lung Attenuation Parameters in COPD Patients and Their Left Ventricle Systolic and Diastolic Function

CH231-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Comparison of the FDG-PET Avidity of Benign and Malignant Pure Ground Glass Opacities (GGOs): Is Higher FDG-PET Uptake More Typical of Benign GGOs?

CH232-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

MR Imaging Characteristics of Thymic Epithelial Tumors: Correlation with WHO Histological Classification and New TNM

CH233-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Association between Lung Attenuation Parameters, Exacerbations and Lung Function Tests in Cystic Fibrosis Adult Patients

CH234-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)

MR Imaging of Airway Mucus Contrasts as a Tool to Diagnose Allergic Bronchopulmonary Aspergillosis in Cystic Fibrosis

CH235-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Diagnostic Performance of Computer-Aided Detection (CAD) Systems for Lung Cancer Screening CT using Synthesized Pulmonary Nodules

CH236-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Characterization and Quantification of Right Heart Hemodynamics Using 4D Flow MRI in Patients with Chronic Obstructive Pulmonary Disease: A Pilot Study

CH237-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Comparison of Radiomic Biomarker with Volumetric Analysis for Decoding Tumor Phenotypes of Lung Adenocarcinoma with Different Disease-Specific Survival

CH238-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
SOS Lung Cancer Screening Program: Comparison of Digital Tomosynthesis and CT with an Updated Evaluation of the Last Results

CH239-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Evaluation of Ultra-Low Dose 4-D Dynamic Ventilation Volume CT Using an Interval Acquisition in Obstructive Pulmonary Diseases

CH240-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Bone Suppression in Chest Radiographs by Cascade Architecture of Deep Convolutional Neural Networks (CamsNet) Improve Radiologists' Detection Performance for Pulmonary Nodules: Comparison with Digital Tomosynthesis Chest Radiography

CH241-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Reconstructed Field of View Affects CT-based Pulmonary Airway Wall Metrics and Must be Accounted for in Assessments of Male-Female Differences

CH242-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Radiation Dose Reduction and Improvement of Image Quality in Digital Chest Radiography by New Spatial Noise Reduction Algorithm

CH243-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Detection of Solid Pulmonary Nodules in Micro-Dose CT (mDCT) with "Virtual" Higher-Dose (vHD) CT Technology: An Observer Performance Study

CH244-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Usefulness of Volume Perfusion Computed Tomography in Differentiating Histologic Subtypes of Thymic Epithelial Tumors

CH245-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
The Optimal Monochromatic Images with Low-Contrast Medium Dose in CT Pulmonary Angiography Using Dual-Energy Spectral CT

CH246-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Detection of Pulmonary Nodules in 3T MR: Sequence Selection and Optimization

CH247-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
CT-Based Radiomics Signature: A Potential Postoperative Prognostic Marker for Patients with Lung Adenocarcinoma

CH248-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Convolutional Neural Networks to Predict the Tumor Invasiveness of Pulmonary Adenocarcinomas Appearing as Pulmonary Ground-Glass Opacity Nodules

CH249-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Whole-Lesion Evaluation of Lung Adenocarcinoma for Predicting Pathological Grade: Comparative Study between Histogram Parameters of ADC on DWI, and MTV as Well as TLG on 18F-FDG PET

CH250-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Radiomics for Predicting NSCLC Recurrence after Surgery: Quantitative Analysis of the Tumor and Peritumoral Lung Parenchyma on MDCT

CH251-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Clinical and Radiologic Features of Primary Lung Cancer in Patients with Primary Breast Malignancy

CH252-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
CT Characteristics of Non-Small Cell Lung Cancer with ALK Gene Rearrangement: Comparison with EGFR Mutation and ALK/EGFR Negative Lung Cancer

CH253-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Performance of Lung Nodule Detection of Free-Breathing versus Breath-Hold 3D Ultrashort Echo Time (UTE) Spiral MRI Compared to Low-Dose CT

CH254-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Non-contrast MR Angiography at 1.5 Tesla for Aortic Monitoring in Marfan Patients after Aortic Root Surgery

CH255-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Predicting Time to Decline in FVC Using Baseline Visual and Computer-Based CT Analysis and Baseline Functional Indices

CH256-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Differentiation of Benign Thymic Cystic Lesion from Thymic Epithelial Tumor: MDCT and 18F-FDG PET

CH257-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Low Radiation Dose, Low Contrast Dose CT Pulmonary Artery Imaging: The Application of Volume Helical Shuttle Technique with Low Tube Voltage Combined with Iterative Reconstruction

CH258-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Radiologic Predictor of Metabolic Syndrome: Devising a Simple Metric Tool for Routine Use

CH259-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Radiomics Model to Predict the Invasiveness of Pulmonary Adenocarcinomas Appearing as Pulmonary Ground-Glass Opacity Nodules

CH260-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Improving Small Pulmonary Emboli Detection with Spectral CT Imaging

CH261-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Quantitative Assessment of Respiratory Deformation Associated with Pulmonary Function in IPF Patients

CH262-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Prediction of Pathological Classification in Thymic Epithelial Tumors by Diffusion-Weighted MR Imaging

CH263-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Bronchiolocentric Pattern of Interstitial Pneumonia: CT-Pathologic Correlation in 15 Cases

CH264-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Antebrachial IV Placement Significantly Increases Incidence of Suboptimal Pulmonary Arterial Enhancement on CT Pulmonary Angiograms: A Single Center Review of Over 700 Cases

CH265-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Diagnostic Rate and Complications of CT-Guided Percutaneous Transthoracic Needle Biopsy in Elderly Patients

CH266-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Submillisievert CT Bronchoscopy Using Spectral Shaping in Third-generation Dual-source CT

CH267-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Growth Rate of Lung Cancers Detected in the NLST versus Those Detected in a Clinical Setting

CH268-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Benign and Malignant Pure Ground Glass Nodule Diagnosed By High Resolution Computer Tomography (HRCT)

CH269-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Multi Detector CT Evaluation of Suspicious Malignant Lung Masses with Its Combined Wash-In & Wash-Out Features and Their Histopathological Correlation

CH270-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Outcomes of Multi-Detector Computed Tomography Pulmonary Angiography (CTPA) in Pregnant Women with Suspected Pulmonary Embolism

CH271-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Early Evaluation of Rabbit Lung VX2 Tumor after Radiofrequency Ablation by CT Perfusion

CH272-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Prevalence, Reporting, and Management of Interstitial Lung Disease Present on Low-Dose Lung Cancer Screening CT Studies

CH273-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Potential of Grid-Like Software on Bedside Chest Radiography in Improving Image Quality and Dose Reduction: An Observer Preference Study between Non-Grid, Grid-Like, and Grid Images

Emergency Radiology

ER001-EB-X (Hardcopy Backboard)

Bruised and Perforated: CT Findings of Bowel Injury in Abdominal Trauma

ER002-EB-X (Hardcopy Backboard)

Butterflies in the Stomach: A Resident's Survival Guide to Identify Acute Pancreatitis on CT

ER003-EB-X (Hardcopy Backboard)

From the Bottom of My Heart: A Multimodality Representation and Characterization of Chest Foreign Bodies with an Anatomical and Clinical Approach

ER100-ED-X (Digital Education Exhibit)

Renal Colic Imaging 2017: Myths, Recent Trends, and Controversies

ER101-ED-X (Digital Education Exhibit)

Gas Where it Shouldn't Be! Imaging Spectrum of Emphysematous Infections in the Abdomen and Pelvis

ER102-ED-X (Digital Education Exhibit)

Secondary Aortoenteric Fistulas: Spectrum Of Clinical Presentations, Imaging Findings And Outcomes

ER103-ED-X (Digital Education Exhibit)

What TLICS Are You? Review of Thoracolumbar Spine Traumatic Fractures

ER104-ED-X (Digital Education Exhibit)

Air is in the Wall: Radiological Spectrum in Gastroesophageal Pneumatosis

ER105-ED-X (Digital Education Exhibit)

Emergency Department Laboratory Tests: Their Use to Suggest Appropriate Imaging and Provide an Accurate Differential Diagnosis

ER106-ED-X (Digital Education Exhibit)

Suspicious Neighbors!!! Uncommon Renal and Extrarenal Causes of Acute Flank Pain: A Quiz for the Rad Geeks

ER107-ED-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Acute Nontraumatic Back Pain: Infection or Mimic

ER108-ED-X (Digital Education Exhibit)

Lower Extremity Ultrasound in the Emergency Department: Thinking Beyond Simple DVTs as a Cause for Pain and Swelling

ER109-ED-X (Digital Education Exhibit)

Non-Obstetric Emergencies in the Pregnant Patient: A Multi-Modal, System-Based, Head-To-Toe Review

ER110-ED-MOB5 (Mon, 12:45-1:15 PM, Station #5)

Acute and Delayed Complications of Traumatic Pancreatic Injury: What the Radiologist Needs To Know

ER111-ED-X (Digital Education Exhibit)

Non-Contrast MRI of Acute Abdominal Pain: A Paradigm Shift?

ER112-ED-X (Digital Education Exhibit)

Abdominal and Extraabdominal CT Imaging Immediately Following Emergent Laparotomy: Pearls to Behold and Perils to Beware

ER113-ED-X (Digital Education Exhibit)

Pediatric Neuroimaging: What the On-Call General Radiologist Needs to Know

ER114-ED-X (Digital Education Exhibit)

Simplifying the Judet-Letournel System for Everyday Practice: A Visual Guide

ER115-ED-MOA6 (Mon, 12:15-12:45 PM, Station #6)

Fournier's Gangrene in Men and Women: What the Surgeon Wants to Know

ER116-ED-X (Digital Education Exhibit)

Non-thrombotic Diseases of the Lower Extremity Venous Duplex: Review of Incidental Findings on the Everyday Study

ER117-ED-X (Digital Education Exhibit)

Pelvic Ring Fractures for Dummies: What to Look For

ER118-ED-X (Digital Education Exhibit)

Evaluation of Acute Pelvic Pain in Women: Spectrum or HRMR Findings

ER119-ED-X (Digital Education Exhibit)

Imaging Review of Deep Neck Abscess Involving Multiple Spaces: An Anatomic Approach to Imaging Findings

ER120-ED-X (Digital Education Exhibit)

Acute Imaging of Flank Pain: What to Look for When the Kidney Appears Normal

ER121-ED-X (Digital Education Exhibit)

Clues from the Paraspinal Fat: How Careful Evaluation May Lead to Early Detection of Unexpected Spinal Osteomyelitis on Body CT

ER122-ED-X (Digital Education Exhibit)

Don't Forget the Breasts: Incidental Lesions on CT

ER123-ED-X (Digital Education Exhibit)

A Dangerous Path: Various Types of Esophageal Fistulas

ER124-ED-X (Digital Education Exhibit)

Curbing Satisfaction of Search: Knowing Malignant Mimickers of Common Surgical Emergencies

ER125-ED-X (Digital Education Exhibit)

Thinking Outside the Box: Going Beyond Diagnosing a Single Cause for Patient Symptoms and Diagnosing the Underlying Syndrome/Disease

ER126-ED-X (Digital Education Exhibit)

Unexpected Gynecological Emergencies: Top 15 Emergencies Radiologists Should Consider

ER127-ED-X (Digital Education Exhibit)

Plumbing Problems? The Doppler Vascular Exam in the Emergency Room

ER128-ED-X (Digital Education Exhibit)

What Happens in the Esophagus Does Not Stay in the Esophagus: Esophageal Trauma Series and Anatomic Review

ER129-ED-X (Digital Education Exhibit)

Jump, Jump: An Illustrative Imaging Review of a Spectrum of Injuries Sustained at Trampoline Parks

ER130-ED-X (Digital Education Exhibit)

Imaging and Intervention in Peripheral Vascular Trauma: A Comprehensive Review for Emergency Radiology Trainee

ER131-ED-TUA6 (Tue, 12:15-12:45 PM, Station #6)

Injuries in Rigid Spine Disease: What the Spine Surgeon Wants To Know

ER132-ED-X (Digital Education Exhibit)

The Needle and the Damage Done: A Review of Imaging Findings of Pathological Processes in Intravenous Drug Users

ER133-ED-X (Digital Education Exhibit)

Small Bowel and Mesenteric Trauma: Revisiting the Mechanism and Imaging Features of Blunt and Penetrating Injuries to the Small Bowel and Its Mesentery

ER134-ED-X (Digital Education Exhibit)

CT of Pelvic Fractures: Back to Basics

ER135-ED-X (Digital Education Exhibit)

Crystal Deposition Diseases in the Emergency Department: Pearls and Pitfalls

ER136-ED-TUB5 (Tue, 12:45-1:15 PM, Station #5)

Acute Manifestations of Illicit Drug and Alcohol Abuse: A Systems-based Imaging Review

ER137-ED-X (Digital Education Exhibit)

Internal Hernias Following Gastric Bypass: The Myth Busted

ER138-ED-X (Digital Education Exhibit)

The Thick and Thin of Acute Mesenteric Ischemia

ER139-ED-WEA6 (Wed, 12:15-12:45 PM, Station #6)

Multi-detector CT Findings after Emergent Limited Exploratory Laparotomy for Acute Traumatic Injuries

ER140-ED-X (Digital Education Exhibit)

Utilization of Dual-Energy/Spectral Computed Tomography in Emergency Radiology for Assessment of Acute Intestinal Obstruction

ER141-ED-X (Digital Education Exhibit)

Beyond Adhesion: Pictorial Review of Interesting and Unusual Cases of Intestinal Obstruction

ER142-ED-X (Digital Education Exhibit)

Spontaneous Isolated Acute Non-Traumatic Adrenal Hemorrhage in Adult Patients: CT Features

ER143-ED-X (Digital Education Exhibit)

Going with the Flow: Venoarterial ECMO in the Resuscitation Room - What the Radiologist Needs to Know

ER144-ED-X (Digital Education Exhibit)

Multimodal CT in Stroke Imaging

ER145-ED-X (Digital Education Exhibit)

Right Upper Quadrant Pain in the ED: Not Just Acute Cholecystitis

ER146-ED-X (Digital Education Exhibit)

The Forgotten Right Lower Quadrant Organ: Acute Pathologies of the Cecum

ER147-ED-X (Digital Education Exhibit)

MRI of Cervical Ligamentous Injuries: A Pictorial Review

ER148-ED-X (Digital Education Exhibit)

Percutaneous Gastrostomy: It's Complicated

ER149-ED-X (Digital Education Exhibit)

Pattern Recognition Mechanism-Based Injury Approach

ER150-ED-X (Digital Education Exhibit)

Pain in the Neck: Tales from the ED

ER151-ED-X (Digital Education Exhibit)

The Pareto Principle Exists In Radiology: Top Ten Pitfalls on Emergency Abdominal CT

ER152-ED-X (Digital Education Exhibit)

Abdominal DECT in the Emergency Department: Applications and Workflow in a Busy Level I Trauma Center

ER153-ED-X (Digital Education Exhibit)

Gastric Emergencies: A Pictorial Review

ER154-ED-X (Digital Education Exhibit)

Dual-Energy CT: Game-changer in the Acute Abdomen

ER155-ED-X (Digital Education Exhibit)

What Can Happen with the Operated Patient: Uncommon Complications Following Thoracoabdominal Surgery

ER156-ED-WEB5 (Wed, 12:45-1:15 PM, Station #5)

ED Resident Readiness: Primer on Diagnostic Errors

ER157-ED-THA5 (Thu, 12:15-12:45 PM, Station #5)

Partial-thickness Bowel Injury after Blunt Abdominal Trauma: Lessons from a Level 1 Trauma Center

ER158-ED-X (Digital Education Exhibit)

Thinking Beyond Traumatic Fractures: Imaging Features and Management in Atypical, Pathologic, and Fragility Fractures

ER159-ED-X (Digital Education Exhibit)

CT Signs of Hypovolemic Shock: Recognizing the Acutely Unwell Patient

ER160-ED-X (Digital Education Exhibit)

Non-Atherosclerotic Cardiac Pathologies on Coronary CTA and Functional Analysis in the Emergency Department: Pictorial Review

ER161-ED-X (Digital Education Exhibit)

Imaging Overview of Non-Traumatic Acute Cardiac Emergencies: Complete Radiological Spectrum

ER162-ED-X (Digital Education Exhibit)

Follow Your Nose! An Imaging Review of Acute Nasal Pathology

ER163-ED-X (Digital Education Exhibit)

Something's Not Right! A Guide to the Seemingly Normal Head CT in the ER

ER164-ED-THB5 (Thu, 12:45-1:15 PM, Station #5)

MDCT of Laryngeal Injuries: Principles of Injury Recognition

ER165-ED-X (Digital Education Exhibit)

Imaging of the Cervical Spine in the Emergency Setting: A Pictorial Comparison of Single Energy, Dual Energy, and Spectral Filtration CT

ER166-ED-X (Digital Education Exhibit)

Trauma Portable: Chest Radiograph Appearance of Thoracic Trauma and CT Correlation

ER167-ED-X (Digital Education Exhibit)

Acute Abdominal Aorta: Not So Cute

ER168-ED-X (Digital Education Exhibit)

Robotic-Assisted Procedures in the Abdomen and Pelvis: Imaging Complications and Implications for Management

ER169-ED-X (Digital Education Exhibit)

Dual Energy CT Evaluation of Abdominal Extravasation Due to Blunt and Penetrating Trauma

ER170-ED-X (Digital Education Exhibit)

Imminent Cardiac Collapse: The Catastrophe You Cannot Afford to Miss

ER171-ED-X (Digital Education Exhibit)

Systemic Emergencies in Severe Pregnancy-Induced Hypertension

ER172-ED-X (Digital Education Exhibit)

Spectrum of Internal Hernias: Making Sense Out of the Shadows

ER173-ED-SUA5 (Sun, 12:30-1:00 PM, Station #5)

Abdominal Pain Investigation: Is There a Role to MRI?

ER174-ED-X (Digital Education Exhibit)

Those Pesky First Images: Missed and Nearly Missed Lesions at the Skull Base on Routine Head CT from the Emergency Room

ER175-ED-X (Digital Education Exhibit)

Small Fracture, Big Trouble: A Review of Bone Trauma Associated with Other Significant Injuries

ER176-ED-X (Digital Education Exhibit)

Extracorporeal Membrane Oxygenation in Adults: A Review of Technique, Normal Imaging Appearances and Complications

ER177-ED-X (Digital Education Exhibit)

Imaging of Kidney, Ureter, and Bladder Emergencies

ER178-ED-X (Digital Education Exhibit)

CT Angiogram of the Head and Neck: What the ED Radiologist Must Know

ER179-ED-X (Digital Education Exhibit)

Radiologic Evaluation of the Post-Laparotomy Abdomen

ER200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Diagnostic Quality Imaging of the Acute Abdomen using Low Dose CT and Model-Based Iterative Reconstruction

ER201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Utility of the Emergent Radiographic Shunt Series after a Stable Head CT in Patients with a Ventriculoperitoneal Shunt

ER202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Hounsfield Unit Values of Liver Pathologies in Unenhanced Post-Mortem Computed Tomography

ER203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Axial Measurements of Acute Gastrointestinal Bleeding Size on CTA Predicts Subsequent Positive Catheter-Directed Angiography

ER204-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Automated Detection of B-lines in Lung Ultrasound by Deep Learning

ER205-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Prior Imaging Findings are a Strong Predictor of Obstructive Uropathy on Emergency Ureter CT

ER207-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Impact of 24/7 Emergency Radiology on Imaging Utilization in a Single-Payer Health Care System

ER208-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Utility of Social Media in Radiologic Didactics: Diagnosis in a Snap

ER209-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Does Psoas Lumbar Vertebral Index Have Any Prognostic Value in the Elderly Population with Major Trauma?

ER210-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Accuracy of the 'Extratesticular Mass' Sign: Don't Be Fooled By Color Doppler

ER211-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Incidence of Pulmonary Hypertension in Blast Injury Patients

ER212-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Postmortem Cardiac MR: Non-Enhanced Coronary Angiography Using a 3D T2w

ER213-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Gas Embolism after Gunshots to the Head

ER214-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Radiological Identification of Decedents By Means of Image Fusion

ER215-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Triple Rule-Out CTA Protocol for Patients with Acute Chest Pain

ER216-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Reduce Radiation Dose in Triple-Rule-Out CT Angiography with Optimized Scan Protocol

ER217-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Utility of High Resolution MR Sequences of the Craniocervical Junction in Patients with Acute Cervical Spine Trauma

ER218-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Reduction in the Size and Degree of Splenic Enhancement on CT in Patients with Trauma: A New Biomarker for the Hypoperfusion Complex in Shock

ER219-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Determining the Necessity of Oral Contrast for Abdominal/Pelvic Computed Tomography Scans: An Approach Using Bioelectric Impedance Analysis and Body-Mass Index

ER220-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
The Combination of SWI and DTI in Diagnosing Different Severity's Traumatic Brain Injury Application of SWI and DTI in Evaluating the Severity of Traumatic Brain Injury

ER221-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
At Your Service: Understanding Variation of CTs Performed Across a Major Health System with Implications on Staffing of Emergency Radiologists

ER222-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Diagnosis and Localization of Lumbar Spinal Fractures in Emergency Department: Comparison between Low-Dose and Standard-Dose Computed Tomography Using Iterative Reconstruction

ER223-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Comparative Analysis of Body Radiologist versus Neuroradiologist Interpretation of MDCT of the Thoracic and Lumbar Spine in the Setting of Trauma

ER224-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Intra-Individual Comparison of Biphasic DE-CT and Triphasic CT in Patients with Suspected Active Bleeding: Utility of Virtual Unenhanced DE-CT Reconstructions

ER225-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Clinical Utility of Plain-Film Abdominal Radiographs outside Standard Working Hours in a Large University Teaching Hospital

ER226-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
When Ultrasound is Not Enough: Do Laboratory Markers of Systemic Inflammation Predict Utilization of CT after Ultrasound in Acute Abdomen?

ER227-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
NYC Bicycle Trauma: Historical Review and Analysis of Trends

ER228-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
A Review of 28 Patients with Radiologic Findings of Gastric Pneumatosis

ER229-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
The Clinical and Imaging Characteristics of Acute Pyogenic Spondylodiscitis Presenting in the Emergency Department

ER230-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
MRI as the First Line Imaging Study for Suspected Appendicitis in Pregnancy

ER231-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Acute Jejunoileal Diverticulitis: Multicenter Descriptive Study of 30 Patients

ER232-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Retroperitoneal Fasciitis: 16-year Retrospective Case Review

ER233-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Do We Need a Change Diagnostic Strategy for Adult Acute Epiglottitis in Emergency Department?

ER234-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
The Prognostic Value of Descending Aorta Enhancement to Main Pulmonary Artery Enhancement Ratio in Massive or Sub-Massive Acute Pulmonary Embolism

ER236-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Radiologic Appearance of Stomach Contents in Drowning Victims in Post-Mortem Computed Tomography Compared to Forensic Autopsy

ER237-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
To Evaluate the Diagnostic Value of Abdominal Follow-Up Sonography (AFS) in Polytrauma Patients

ER238-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Radiation Dose Reduction to the Thyroid Gland Using Organ-Based Computed Tomography (CT): Image Quality for the Head and Chest CT

ER239-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Added Value of Dedicated Spine CT to Detect Fracture in Patients with CT Chest, Abdomen, and Pelvis in the Trauma Setting

ER240-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Prevalence of Pulmonary Embolism in Combined CT Imaging of the Chest with Abdomen/Pelvis in the Emergency Department

ER241-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Incidental Findings in Adult CT Abdomen Pelvis and Their Association with Patient Characteristics

Gastrointestinal

GI001-EB-X (Hardcopy Backboard)

Imaging Primary and Metastatic Small Intestinal Neuroendocrine Tumor (Carcinoid)

GI002-EB-X (Hardcopy Backboard)

It's Not a Tumor! Focal Fatty Infiltration of the Pancreas: A Pancreatic Neoplasm Mimic

GI003-EB-X (Hardcopy Backboard)

Cystic Lesions of Upper Gastrointestinal Tract

GI004-EB-X (Hardcopy Backboard)

Spectrum of Volumetric Morphology Alterations and Other Imaging Characteristics of Primary Sclerosing Cholangitis: Correlation with Disease Severity, Pathology, and Prediction of Long Term Outcome

GI005-EB-X (Hardcopy Backboard)

Imaging of Long Term Sequelae in Hepatopancreaticobiliary IgG-4 Related Disease

GI006-EC-X (Custom Application Computer Demonstration)

Did You Know? Pearls and Factoids About Pancreatic Masses

GI007-EB-X (Hardcopy Backboard)

Is That Polyp Measurement Precise? Re-evaluate the Conditions of High-precision Polyp Measurement in CTC

GI008-EB-X (Hardcopy Backboard)

Distinguishing Linitis Plastica from Its Mimics: A CT Review

GI009-EB-X (Hardcopy Backboard)

Snapshot of the Upper GI Tract Series: Simple Guidelines Describing the Phases of Examination and Correlating the Patients Positions with Radiologic Images

GI010-EB-X (Hardcopy Backboard)

Acute Abdomen Due to Meckel Diverticulum

GI011-EB-X (Hardcopy Backboard)

A Pictorial Review of Developmental Anomalies and Variants in Pancreatic Imaging

GI012-EB-X (Hardcopy Backboard)

Multimodality Imaging of Infrequent Pancreatic Tumors

GI100-ED-X (Digital Education Exhibit)

Radiological and Histopathological Findings of Hepatic Lesions Caused by Portal Tract Disorder

GI101-ED-X (Digital Education Exhibit)

Computed Tomography of Acute Mesenteric Ischemia: What You Need to Know

GI102-ED-X (Digital Education Exhibit)

Imaging of Cystic Pancreatic Lesions: A Guide to Differential Diagnosis

GI103-ED-X (Digital Education Exhibit)

Bowel Twists and Turns! A Multiple Choice Case-Based Review of Internal Hernias and Volvulus

GI104-ED-X (Digital Education Exhibit)

MRI Imaging of the Rectum: What We Have Learned

GI105-ED-X (Digital Education Exhibit)

Ready to Explode: Tips for Identifying, Triaging, and Managing Visceral Artery Aneurysms

GI106-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)

The Two Faces of Pneumatosis Intestinalis in the Adult: Benign versus Life-Threatening Causes and Imaging Features

GI107-ED-X (Digital Education Exhibit)

MDCT of Groin Hernias: Diagnosis, Postoperative Findings, and Complications

GI108-ED-X (Digital Education Exhibit)

Small Bowel Masses: An Illustrative Case-Based Review

GI109-ED-X (Digital Education Exhibit)

Cinematic Rendering of Pancreatic Masses: Can 3D Texture Maps Aid in Lesion Detection and Discrimination? Preliminary Observations and Opportunities

GI110-ED-X (Digital Education Exhibit)

CT Diagnosis of Bowel Obstruction for Appropriate Management: A Role of Radiologists

GI111-ED-X (Digital Education Exhibit)

Small Bowel GI Bleeding: Multimodality Radiologic Imaging with Endoscopic Correlation, Approach, and an Update on 2015 American College of Gastroenterology (ACG) Guidelines

GI112-ED-X (Digital Education Exhibit)

LI-RADS Radiology-Pathology Working Group: Building a Bridge Towards Standardized Terminology

GI113-ED-X (Digital Education Exhibit)

Non-occlusive Mesenteric Ischemia: CT Findings and Most Frequent Risk Factors in 70 Patients

GI114-ED-X (Digital Education Exhibit)

Out with the Old, in with the New: Complications Status Post Pancreatic Transplant

GI115-ED-X (Digital Education Exhibit)

ACR Ultrasound LI-RADS 2017: Guidelines and Technical Recommendations for Ultrasound-based Hepatocellular Carcinoma Screening and Surveillance

GI116-ED-X (Digital Education Exhibit)

Comprehensive Reviews Imaging Features of Benign and Malignant Ampullary Obstruction

GI117-ED-X (Digital Education Exhibit)

Comprehensive Reviews of the Imaging of Mesenteric Ischemia with Clinicopathologic Correlation

GI118-ED-X (Digital Education Exhibit)

The Disease Formerly Known As: Imaging Findings and Interventional Treatments in Recurrent Pyogenic Cholangitis

GI119-ED-X (Digital Education Exhibit)

Imaging and Management of Gall Bladder Carcinoma: What the Radiologist Needs to Know

GI120-ED-X (Digital Education Exhibit)

When the Pathologist Asks 'Are You Sure You are Biopsying the Liver?' Unusual Hepatic Tumor and Tumor Like Conditions: Clinical, Pathological and Imaging Features

GI121-ED-X (Digital Education Exhibit)

The Dorsal Pelvic Compartment: MRI Based Anatomy Relevant for Surgical Treatment Planning

GI122-ED-X (Digital Education Exhibit)

Synoptic Reporting for MRI of Rectal Cancer

GI123-ED-X (Digital Education Exhibit)

Evaluation of Perirectal Cystic Mass on MRI

GI124-ED-X (Digital Education Exhibit)

Colostomy on CT and Fluoroscopy: What the Radiologist Needs to Know

GI125-ED-X (Digital Education Exhibit)

Abdominal Imaging of the Sick Foreign Traveler

GI126-ED-X (Digital Education Exhibit)

CT Enterocolonography: Technique for Colonic Imaging

GI127-ED-X (Digital Education Exhibit)

Implementation of CT Gastric Protocol to aid Surgical Decision Making for Gastric Tumors: CT, Endoscopic, and Intraoperative Correlation

GI128-ED-X (Digital Education Exhibit)

Cecum: Diagnosing Pathology and Avoiding Pitfalls

GI129-ED-X (Digital Education Exhibit)

Multiparametric Liver MRI as a Biomarker During Treatment of Obesity and Metabolic Syndrome

GI130-ED-X (Digital Education Exhibit)

CT Colonography: How to Do it, What to Expect, and What Are the Alternatives?

GI131-ED-X (Digital Education Exhibit)

Challenges in Pancreatic Cancer Detection: Lessons Learned from Difficult Cases

GI132-ED-X (Digital Education Exhibit)

Radiologic Evaluation of Retained Surgical instruments (Chest & Abdomen): A Self-learning Module in Two Parts

GI133-ED-X (Digital Education Exhibit)

24 Hours Later: Small Bowel Obstruction and the Gastrografin Challenge

GI134-ED-X (Digital Education Exhibit)

Imaging Review of Small Bowel Neoplasms

GI135-ED-X (Digital Education Exhibit)

Grabbed by the Tail: Radiological Evaluation of Focal Pancreatitis of the Tail

GI136-ED-X (Digital Education Exhibit)

Pancreatic Neuroendocrine Tumors: An Imaging Review with Clinical and Pathologic Correlation

GI137-ED-X (Digital Education Exhibit)

Lost in the Surgical Procedure: A Survival Guide

GI138-ED-X (Digital Education Exhibit)

Imaging Features of Ductal Plate Malformations: A Pictorial Review

GI139-ED-X (Digital Education Exhibit)

Bleeding Liver Masses: Imaging Features with Pathologic Correlation and Impact on Management

GI140-ED-X (Digital Education Exhibit)

How Can We Find and Identify the Mesentery? Embryological and Anatomic Consideration for Diagnostic Localization of the Mesenteric Lesions

GI141-ED-X (Digital Education Exhibit)

Imaging of Rare Neoplastic and Nonneoplastic Lesions of the Pancreas

GI142-ED-X (Digital Education Exhibit)

Mucinous Neoplasms of the Abdomen and Pelvis: Spectrum of Imaging Findings with Pathologic Correlation

GI143-ED-X (Digital Education Exhibit)

Multimodality Imaging of Extrahepatic Biliary Obstruction: Causes, Clinical Aspects and Imaging Features

GI144-ED-X (Digital Education Exhibit)

American College of Gastroenterology (ACG) Guidelines for Diagnosis and Management of Hereditary Gastrointestinal Cancer Syndromes: An Update for Radiologists

GI145-ED-X (Digital Education Exhibit)

The Cancer Genome Atlas (TCGA) Molecular Classification of Gastric Adenocarcinoma: An Update for Radiologists

GI146-ED-X (Digital Education Exhibit)

Melena and Hematochezia: Acute Gastrointestinal Bleeding: Differential Diagnosis and Role of Imaging

GI147-ED-X (Digital Education Exhibit)

Hard on the Outside, Soft on the Inside: Review of the Porcelain Gallbladder

GI148-ED-X (Digital Education Exhibit)

Technical Aspects, Accuracy and Safety of Percutaneous CT-Guided Biopsy in Pancreatic and Peripancreatic Focal Lesions: Our Experience in 45 Cases

GI149-ED-X (Digital Education Exhibit)

Wait! It's Not A Tumor! Pitfalls in Pancreatic Imaging

GI150-ED-X (Digital Education Exhibit)

Jejunioileal Diverticulosis and Its Complications: A Pictorial Review

GI151-ED-X (Digital Education Exhibit)

Magnetic Resonance Imaging Characteristics of Multifaceted Pancreatic Serous Cystadenoma and Its Mimics

GI152-ED-X (Digital Education Exhibit)

Radiology Featuring Surgical Liver Anatomy: Looking Through the Eyes of the Surgeon

GI153-ED-X (Digital Education Exhibit)

Use Caution When Staging, Restaging and Monitoring Mucinous Rectal Cancer!

GI154-ED-X (Digital Education Exhibit)

Pancreatic Cystic Lesions: How to Differentiate Based on CT and MRI

GI155-ED-X (Digital Education Exhibit)

Cholangiocarcinoma: What the Surgeon Needs to Know

GI156-ED-X (Digital Education Exhibit)

Endoscopic Retrograde Cholangiopancreatograms (ERCP): Deciphering the Black and White

GI157-ED-X (Digital Education Exhibit)

Comprehensive Review of Typical Versus Atypical Appendiceal Pathology on CT: Cases with Clinical Implications

GI158-ED-X (Digital Education Exhibit)

MRI of Rectal Cancer: The Bottom Line

GI159-ED-X (Digital Education Exhibit)

Comprehensive Review of Enhancement of Hepatocellular Carcinoma: Emphasis on Hepatobiliary Contrast Agent

GI160-ED-X (Digital Education Exhibit)

MRI of Gallbladder Cancer and its Mimickers: What Radiologists Need to Know

GI161-ED-X (Digital Education Exhibit)

Imaging Spectrum of Rare Pancreatic and Peri-pancreatic Lesions on Multimodality Imaging: Algorithmic Approach to Diagnosis and Management

GI162-ED-X (Digital Education Exhibit)

Liver Imaging Reporting and Data System (LI-RADS®): What is New in v2017 CT/MRI Diagnostic Algorithm

GI163-ED-X (Digital Education Exhibit)

CT/MRI Liver Imaging Reporting and Data System (LI-RADS®): Toward Structured Reporting

GI164-ED-X (Digital Education Exhibit)

Uncommon Vascular Findings on Abdominopelvic CT: Diagnosis and Intervention

GI165-ED-X (Digital Education Exhibit)

CT/MRI LI-RADS: Unmasking Category M - An Official LI-RADS v2017 Summary

GI166-ED-X (Digital Education Exhibit)

Advanced Endoscopic Procedures: What the Radiologist Needs to Know

GI167-ED-X (Digital Education Exhibit)

Ileal Pouch-Anal Anastomosis (J-Pouch): Radiologic Appearance and Complications

GI168-ED-X (Digital Education Exhibit)

Multi-Modality Imaging Approach to Pancreatic Transplantation

GI169-ED-X (Digital Education Exhibit)

Atypical CT and MR Manifestations of Pancreatic Ductal Adenocarcinoma

GI170-ED-X (Digital Education Exhibit)

Celiac Disease Spectrum: A Pictorial Review of the GI and Non-GI Manifestations

GI171-ED-X (Digital Education Exhibit)

MDCT Diagnosis of Amebic Colitis: What Radiologists Need to Know

GI172-ED-X (Digital Education Exhibit)

Multi-modality Imaging of Ileal Carcinoid Tumor Along the Spectrum of Disease

GI173-ED-X (Digital Education Exhibit)

Imaging of Unusual Pathology of the Appendix: Beyond Appendicitis

GI174-ED-X (Digital Education Exhibit)
Conventional and Novel MR Imaging Techniques with Pathologic Correlation and Long-Term Imaging Follow-up of Incidental and Genetically Pre-disposed Pancreatic Cystic Neoplasms

GI175-ED-X (Digital Education Exhibit)
MR Enterography in Small Bowel Diseases: What Else Beyond Crohn's Disease?

GI176-ED-X (Digital Education Exhibit)
Differential Diagnosis of Hypervascular Lesions in the Pancreas

GI177-ED-X (Digital Education Exhibit)
Spotlight on Solid Pseudopapillary Tumors (SPT): Spending Spectacular Specs on this Special Species

GI178-ED-X (Digital Education Exhibit)
Abdominal Manifestation of Histiocytoses

GI179-ED-X (Digital Education Exhibit)
Endoscopic Interventions in Pancreatitis: What the Advanced Endoscopist Wants to Know

GI180-ED-X (Digital Education Exhibit)
MRI Signs in Gastrointestinal Radiology: An Interactive Teaching File

GI181-ED-X (Digital Education Exhibit)
Small Bowel Transplant: Multimodality Imaging Appearance and Common Complications

GI182-ED-X (Digital Education Exhibit)
CEUS LI-RADS: Starting a CEUS Program for Evaluation of Focal Liver Lesions at Your Institution

GI183-ED-X (Digital Education Exhibit)
Not Only Rectal Cancer is Present in Anorectal and Perirectal Region: Look Beyond

GI184-ED-X (Digital Education Exhibit)
Ultrasound for Chronic Liver Disease: How We Do It

GI185-ED-X (Digital Education Exhibit)
Computed Tomography Perfusion Imaging in Liver Neoplasm

GI186-ED-X (Digital Education Exhibit)
Learn the Basics and Unravel Intestinal Malrotation

GI187-ED-X (Digital Education Exhibit)
CT for GI Bleeding: A Primer for Residents

GI188-ED-X (Digital Education Exhibit)
Gut Feelings! Bowel Obstruction: Etiology and Imaging with CT

GI189-ED-X (Digital Education Exhibit)
Mimickers of Extrahepatic Cholangiocarcinoma

GI190-ED-X (Digital Education Exhibit)
The Role of Radiology in the Diagnosis and Treatment of Spontaneous Intraabdominal Tumor Hemorrhage

GI191-ED-X (Digital Education Exhibit)
Imaging Features of Gastrointestinal Stromal Tumors of Small Bowel

GI192-ED-X (Digital Education Exhibit)
Current Status of the Imaging Biomarkers Predicting Biological Nature of Hepatocellular Carcinoma

GI193-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Applied Peritoneal Anatomy: Imaging Concepts

GI194-ED-X (Digital Education Exhibit)
Response Evaluation of GIST to Sunitinib and Regorafenib Targeted Therapy: Pitfalls and Solutions

GI195-ED-X (Digital Education Exhibit)
The Degree of Movement of the Mesenteric Artery Due to Gas Insufflation While Performing CT Colonography

GI196-ED-X (Digital Education Exhibit)
Pancreatic Metastatic Lesions from Renal Cell Carcinomas (RCC): CT and MR Patterns

GI197-ED-X (Digital Education Exhibit)
Dynamic MRI Defecography: A Pictorial Review

GI198-ED-X (Digital Education Exhibit)
Yttrium 90 TARE for Liver Tumors: Expected and Unexpected Findings during Follow up - What You Should Know

GI199-ED-X (Digital Education Exhibit)
Intestinal Intussusception: The Essential Knowledge for Radiologists

GI200-ED-X (Digital Education Exhibit)
Hard to Swallow: Fluoroscopic Spectrum of Dysphagia - Can You Make the Right Diagnosis?

GI201-ED-X (Digital Education Exhibit)
Clinical-Radiological Correlation of Mesenteric and Omental Pathology: An Overview of Common and Not-So-Common Conditions

GI202-ED-X (Digital Education Exhibit)
The Ins and Outs of Adult Intussusceptions

GI203-ED-X (Digital Education Exhibit)
Clinical Implications of Normal Variants of Biliary Ductal Anatomy on MRCP

GI204-ED-X (Digital Education Exhibit)
Imaging Features of Patients Undergoing Irreversible Electroporation for Locally Advanced Non-Metastatic Pancreas Cancer

GI205-ED-X (Digital Education Exhibit)
Exploring Uncharted Territory: The Mesentery - A Newly-Classified Organ in the Human Body

GI206-ED-X (Digital Education Exhibit)
Acute Pancreatitis: A Case-Based Review of Pathology, Complications, Revised Atlanta Criteria and Mimickers for the Radiology Trainee

GI207-ED-X (Digital Education Exhibit)
CT Diagnosis of Small Bowel Closed Loop Obstruction: A Surgical Emergency

GI208-ED-X (Digital Education Exhibit)
Strategy for the Management of Incidental Pancreatic Cystic Lesion: Radiologist's Perspective

GI209-ED-X (Digital Education Exhibit)
The Superior Mesenteric Artery: The Forgotten Middle Child of the Abdominal Aorta

GI210-ED-X (Digital Education Exhibit)
Clinical Significance of FDG PET in Combination with International Consensus Guidelines 2012 for the Management of Intraductal Papillary Mucinous Neoplasms of the Pancreas

GI211-ED-X (Digital Education Exhibit)
Multi-modality Approach to Adult Splenic Pathology

GI212-ED-X (Digital Education Exhibit)
Biliary Complications after Liver Transplantation: Role of MR Cholangiography

GI213-ED-X (Digital Education Exhibit)
Perceptual Errors in Abdominal Computed Tomography Imaging: Reducing Avoidable Error

GI214-ED-X (Digital Education Exhibit)
Clinical Challenges and Images of Incidental Pancreatic Cystic Lesions: How Much Do You Know Regarding Pancreatic Cystic Lesions and Mimickers?

GI215-ED-X (Digital Education Exhibit)
Off with Its Head! Pearls and Pitfalls of CT Imaging After Pancreatoduodenectomy

GI216-ED-X (Digital Education Exhibit)
Many Faces Of Bowel Ischemia

GI217-ED-X (Digital Education Exhibit)
Imaging Findings in Peritoneal Mesothelioma and Novel Concept of Communicating Key Findings That Impact Surgical Decision Making in These Patients

GI218-ED-X (Digital Education Exhibit)
Peroral Endoscopic Myotomy (POEM): New Challenges for the Radiologist

GI219-ED-X (Digital Education Exhibit)
Have You Seen this Choledochal Cyst?

GI220-ED-X (Digital Education Exhibit)
Reporting Perianal Fistula and Other Anorectal Disorders

GI221-ED-X (Digital Education Exhibit)
Cholangiocarcinoma Structured Reporting: Emphasizing the Crucial Findings for Appropriate Patient Management

GI222-ED-MOA10 (Mon, 12:15-12:45 PM, Station #10)
Rectal Cancer Staging: A Primer

GI223-ED-X (Digital Education Exhibit)
Imaging of Wandering Spleen and Liver

GI224-ED-X (Digital Education Exhibit)
Morphology and Beyond in Pancreatic Cystic Lesions: The Evolving Role of Endoscopic Ultrasound in Lesion Characterization

GI225-ED-X (Digital Education Exhibit)
Uncommon Intraluminal Tumors of Gallbladder and Biliary Tract: Spectrum of Imaging Appearances

GI226-ED-X (Digital Education Exhibit)
Primer on Distal Pancreatectomy: Indications, Surgical Approaches, Expected Post-operative Findings and Complications Every Radiologist Should Know

GI227-ED-X (Digital Education Exhibit)
Portal Biliopathy: From Anatomy to Management

GI228-ED-X (Digital Education Exhibit)
Overview and Cases of Biliary Intraductal Papillary Mucinous Neoplasms (BIPMNs)

GI229-ED-X (Digital Education Exhibit)
MDCT Evaluation of Anastomotic Sites in Patients with Whipple Surgery: What Radiologists Need to Know and Report

GI230-ED-X (Digital Education Exhibit)
A Review of Meckel's Diverticulum and Associated Pathologies

GI231-ED-X (Digital Education Exhibit)
Systematic Approach to the LI-RADS v2017 Hepatocellular Carcinoma Treatment Response Algorithm

GI232-ED-X (Digital Education Exhibit)
Image Findings of the Spleen: Spectrum of CT and MR Imaging Findings

GI233-ED-X (Digital Education Exhibit)
Approach to MRI Lymph Node Staging of Rectal Cancer

GI234-ED-X (Digital Education Exhibit)
MR Imaging of Rectal Cancer Made Simple: How to Do It and What to Report

GI235-ED-X (Digital Education Exhibit)
Multimodality Imaging Spectrum of Small Bowel Malignancy in Pre-existing Crohn's Disease

GI236-ED-X (Digital Education Exhibit)
Endoscopic Ultrasound vs MRI in the Diagnosis of Pancreatic Disease: Friends or Enemies?

GI237-ED-X (Digital Education Exhibit)
Abdominal Vasculitis: Revisiting Pathogenesis and Cross Sectional Imaging Findings

GI238-ED-X (Digital Education Exhibit)
Postoperative Esophagus: What Could Possibly Go Wrong?

GI239-ED-X (Digital Education Exhibit)
Transanal Minimally Invasive Surgery - The Pre and Post: From Patient Selection to Post-Procedural Complications

GI240-ED-X (Digital Education Exhibit)
Complicated and Atypical Abdominal Hydatid Disease

GI241-ED-X (Digital Education Exhibit)
Liver Capsule and Surroundings: Imaging at the Border

GI242-ED-X (Digital Education Exhibit)
Uncommon Pancreatitis: A Review with an Emphasis on Chronic Forms

GI243-ED-X (Digital Education Exhibit)
Target-like Appearance: Multimodality Imaging and Differential Diagnosis

GI244-ED-X (Digital Education Exhibit)
CT Gastrography Features of Gastric Linitis Plastica

GI245-ED-X (Digital Education Exhibit)
Comparison of Enhancement Profiles in Gadoxetic Acid versus Extracellular Contrast Agents in Both Benign and Malignant Liver Lesions in Patients with Varying Hepatic Function

GI246-ED-X (Digital Education Exhibit)
Pancreatic Transplantation: The Role of Diagnostic and Interventional Radiology in the Early Diagnosis and Management

GI247-ED-X (Digital Education Exhibit)
Multimodality Imaging of the Umbilical and Periumbilical Region: Clinico-radiological Features and Differential Diagnosis

GI248-ED-X (Digital Education Exhibit)
Value of Ultra-High-Resolution CT (U-HRCT) for Staging of Pancreatic and Biliary Malignancies

GI249-ED-X (Digital Education Exhibit)
Pictorial Review: LI-RADS Version 2017 Ancillary Features on MRI

GI250-ED-X (Digital Education Exhibit)
Spectral-shaping Abdominal CT Imaging: Concepts and Applications

GI251-ED-X (Digital Education Exhibit)
The Role of MRI in the Classification and Staging of Cholangiocarcinoma

GI252-ED-X (Digital Education Exhibit)
Interpreting Abdominal Radiographs: A Lost Art?

GI253-ED-X (Digital Education Exhibit)
Hematologic Diseases with Liver, Pancreatic and Biliary Tract Involvement

GI254-ED-X (Digital Education Exhibit)
Imaging Features and Recurrence Pattern of Sclerosing IgG4-Related Disease: Our Experience and Literature Review

GI255-ED-X (Digital Education Exhibit)
Incidental Detection of Gastric Carcinoma During Routine MDCT: How to Realize What You Really Need to Diagnose

GI256-ED-X (Digital Education Exhibit)
Pancreatic Adenocarcinoma and Beyond: Imaging of Solid Pancreatic Masses

GI257-ED-X (Digital Education Exhibit)
Vascular Complications Related to Pancreatitis on MDCT: Lifesaving Checklist

GI258-ED-X (Digital Education Exhibit)
Pancreatic Cystic Lesions Clinical Assessment: A Journey Through Major Clinical Guidelines and Their Importance for Practice in Radiology

GI259-ED-X (Digital Education Exhibit)
Pancreatic Adenocarcinoma: Have You Got the Pancreas Covered?

GI260-ED-X (Digital Education Exhibit)
N.O.T.E.S: Understanding Novel Endoscopic Surgeries and Imaging Perspectives! (NOTES) - Natural Orifice Transluminal Endoscopic Surgery

GI261-ED-X (Digital Education Exhibit)
Once in a Blue Moon Peritoneal Diseases: The Chance to See and Learn

GI262-ED-MOB10 (Mon, 12:45-1:15 PM, Station #10)
The Last but Not the Least: MR Imaging of Anal Canal Malignancies

GI263-ED-X (Digital Education Exhibit)
Contrast-Enhanced Ultrasound Liver Imaging Reporting and Data System (CEUS LI-RADS) v2017: What are the Key Differences from CT/MRI and Why?

GI264-ED-X (Digital Education Exhibit)
Encapsulating Peritoneal Sclerosis: The Abdominal Cocoon

GI265-ED-X (Digital Education Exhibit)
Deciphering the Defecogram: A Comprehensive Review of Fluoroscopic Defecography

GI266-ED-X (Digital Education Exhibit)
The Role of Magnetic Cholangiography in the Assessment of Postoperative Biliary Complications: Pictorial Essay

GI267-ED-X (Digital Education Exhibit)
Acute Pancreatitis: Resident Survival Guide for Imaging Diagnosis, Classification, and Complications

GI268-ED-X (Digital Education Exhibit)
Colon Strictures Beyond Cancer: The Role of Barium Enema

GI269-ED-X (Digital Education Exhibit)
The Inguinal Regional: The Ultrasonographic Guide of How to Evaluate and Recognize Inguinal Pathologies

GI270-ED-X (Digital Education Exhibit)
The Bright Side of the ACR White Paper: Which Abdominal Incidental Findings Radiologists Should Not Worry About

GI271-ED-X (Digital Education Exhibit)
A Radiologic Approach to the ALPPS Procedure: Associating Liver Partition and Portal Vein Ligation Procedure for Staged Hepatectomy

GI272-ED-X (Digital Education Exhibit)
Eosinophilic Gastroenteritis: Imaging/Clinical Spectrum in Correlation with Site and Depth of Eosinophilic Infiltration

GI273-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Role of High Resolution Multiplanar MRI of Low Rectal Cancer in Treatment Planning: What a Radiologist Should Know

GI274-ED-X (Digital Education Exhibit)
Deep-Learning Super-Resolution Imaging for Enhancing the Diagnosis of Serrated Polyps in CT Colonography

GI275-ED-X (Digital Education Exhibit)
Sclerosing Cholangitis: Images and Pathophysiology

GI276-ED-X (Digital Education Exhibit)
Rare Focal Liver Lesions: Can Imaging Features Come to Our Rescue?

GI277-ED-X (Digital Education Exhibit)
Don't Let Restricted Diffusion Restrict Your Thoughts: DWI in Benign Lesions

GI278-ED-TUB6 (Tue, 12:45-1:15 PM, Station #6)
MRI of Mucinous Rectal Adenocarcinoma: Imaging of A Unique Rectal Cancer Subtype

GI279-ED-X (Digital Education Exhibit)
Visceral Abdominal Fat Quantification By MRI

GI280-ED-X (Digital Education Exhibit)
Malignancy During Pregnancy: Considerations for the Body Radiologist

GI281-ED-X (Digital Education Exhibit)
RFOs and Gossypibomas: How to Recognize and Prevent Them (Maybe!)

GI282-ED-X (Digital Education Exhibit)
Imaging Assessment of Portal Venous System Abnormalities

GI283-ED-X (Digital Education Exhibit)
Goin' Old School: Tips for Doing a Perfect Barium Swallow

GI284-ED-X (Digital Education Exhibit)
Acute and Chronic Intestinal Obstruction: Aspects in CT

GI285-ED-X (Digital Education Exhibit)
Fantastic Artifacts and Where to Find Them: A Comprehensive Review of US and Doppler Artifacts

GI286-ED-X (Digital Education Exhibit)
Pictorial Review of Extra Intestinal Manifestations in Inflammatory Bowel Disease

GI287-ED-X (Digital Education Exhibit)
Imaging Post-SBRT Responses for Hepatocellular Carcinoma: Typical Imaging Patterns and Pitfalls

GI288-ED-X (Digital Education Exhibit)
Bring the Heat: Post Operative Imaging After Heated Intraperitoneal Chemotherapy (HIPEC)

GI289-ED-X (Digital Education Exhibit)
When Pancreas Goes Wild: An Approach of Exceptional Pancreatic Lesions and Features That May Help in Diagnosis

GI290-ED-X (Digital Education Exhibit)
Lymphatic Drainage of the Liver: A Primer for Radiologists

GI291-ED-X (Digital Education Exhibit)
Radiation Strategy for Laparoscopic Colorectal Surgery Support: One-phase Arteriovenous Scanning Technique with No Mis-registration Using Monochromatic (keV) Image Obtained Using Single Source Dual Energy CT

GI292-ED-X (Digital Education Exhibit)
Ischemic Colitis: Etiology, Pathophysiology and Spectrum of CT Findings

GI293-ED-X (Digital Education Exhibit)
Location Matters: Ligaments and Lymphatic Pathways in Staging of Gastric Adenocarcinoma

GI294-ED-X (Digital Education Exhibit)

Mysterious Spleen: Comprehensive Review with Radiologic-Pathologic Correlation

GI295-ED-X (Digital Education Exhibit)

The Use of Contrast Enhanced Ultrasound for Imaging Pancreatic Pathology

GI296-ED-X (Digital Education Exhibit)

Gastroenteropancreatic Neuroendocrine Tumors: Radiologic-Pathologic Correlation

GI297-ED-X (Digital Education Exhibit)

The Dark Side of the (ACR) White Paper: Which Abdominal Incidental Findings Radiologists Should Worry About

GI298-ED-X (Digital Education Exhibit)

Changes in the 8th AJCC Cancer Staging of Hepatobiliary System: Case-based Review

GI299-ED-X (Digital Education Exhibit)

MR Enterographic Features of Bowel Tuberculosis and Changes After Therapy

GI300-ED-X (Digital Education Exhibit)

Role of Parametric Imaging with Contrast-enhanced Ultrasound: Current Status and Future Perspectives

GI301-ED-X (Digital Education Exhibit)

How Well Do We Know Spleen? Quiz for a Radiologist

GI302-ED-X (Digital Education Exhibit)

Periportal Activity: Spectrum of Periportal Space Diseases

GI303-ED-X (Digital Education Exhibit)

Visceral lymphoma: Varying Imaging Patterns of Involvement of Solid and Hollow Abdominal Viscera on CT

GI304-ED-X (Digital Education Exhibit)

Artifacts in Contrast Enhanced Ultrasound of the Abdomen

GI305-ED-X (Digital Education Exhibit)

Morphological, Functional and Metabolic Response after Trans-Arterial Radio Embolization (TARE) For HCC: A Pictorial Review Focusing on the Combined Use of Liver MR and Double Tracer 18F-Choline and 18F-FDG PET CT

GI306-ED-X (Digital Education Exhibit)

Patterns of Response to Anti-PD-1/PD-L1 Therapy: What Radiologists Need to Know

GI307-ED-X (Digital Education Exhibit)

Splenopodia

GI308-ED-X (Digital Education Exhibit)

Common Musculoskeletal Findings of the Abdominal Exams: What Radiologists Need to Know

GI309-ED-X (Digital Education Exhibit)

Reporting Cholangiocarcinoma: Straight to the Point

GI310-ED-X (Digital Education Exhibit)

Illustrative Review of Contrast-Enhanced Ultrasonography in Abdomen

GI311-ED-X (Digital Education Exhibit)

Ultrasound of the Pancreas with Correlative Imaging

GI312-ED-X (Digital Education Exhibit)

Gastrointestinal Bleeding for the Radiologist: Review of Guidelines, Management, and Pitfalls

GI313-ED-X (Digital Education Exhibit)

MR Defecography: Case-Based Review of Pelvic Floor Anatomy and Pathology

GI314-ED-X (Digital Education Exhibit)

Virtual Colonoscopy Polyps with Colonoscopy Correlation: A Visual Atlas

GI315-ED-X (Digital Education Exhibit)

Deep-learning Electronic Cleansing for Single and Dual-Energy CT Colonography

GI316-ED-X (Digital Education Exhibit)

Pictorial Review on Anatomy and Pathology of Anal Canal

GI317-ED-X (Digital Education Exhibit)

Clinical Utility of PET-MRI in Evaluation and Follow-up of Colorectal Neoplasms

GI318-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Effect of Gravity on Portal Venous Flow: Evaluation Using Multi-Posture MRI

GI319-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Diffusion-Weighted MR Imaging for Prediction of High-Risk Patients with Lymph Node-Negative Colorectal Cancers

GI320-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

Impact of Hepatocellular Carcinoma Heterogeneity on Non-Contrast-Enhanced Computed Tomography as a Prognostic Indicator

GI321-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)

Contrast-enhanced CT Assessment of Resectability of Pancreatic Ductal Adenocarcinoma

GI322-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)

A Prospective Cohort Study to Compare Biannual Low Dose Liver CT and USG for HCC Surveillance in High-risk Group of HCC: Preliminary Study

GI323-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Extracellular Volume Fraction with Equilibrium Contrast-Enhanced MDCT as a Prognostic Factor in Pancreatic Adenocarcinoma Treated with Chemotherapy

GI324-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Non-Invasive Quantitative Assessment of Hepatic Steatosis by B-Mode Image-Guided Ultrasound Attenuation Imaging: A Prospective Study

GI325-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Dual-Energy CT for Noninvasive Staging of Liver Fibrosis: Accuracy of Iodine Density Measurements from Contrast-Enhanced Data

GI326-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Clinical Outcomes of Liver Imaging Reporting and Data System Version 2014 Category 4 and 5 Nodules after Initial Treatment

GI327-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Preliminary Study on Activity Evaluation of Small Bowel Crohn's Disease Using Spectral CT Imaging

GI328-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Hepatocellular Carcinoma (HCC) Response to Transcatheter Arterial Chemoembolization (TACE) and Its Correlation with HCC Tumor Volumes

GI329-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Examination of Novel Body Size Index to Adjust Contrast Medium Dose for Abdominal Contrast-Enhanced Computed Tomography: Comparison with Body Surface Area and Lean Body Weight

GI330-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Iodine Density Imaging using Dual-energy CT in Patients with Hepatocellular Carcinoma After Transcatheter Arterial Chemoembolization: Quantitative Assessment of Ethiodized Oil Retention for Predicting Tumor Recurrence

GI331-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Our 11-Years' Experience in Presbyesophagus and Presbyphagia: Radiologic Evaluation

GI332-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Cancer Immunotherapy and Tumor Measurements: Impact of Lesion Locations on Intraobserver and Interobserver Variability in Melanoma Treated with PD-1 Inhibitor

GI333-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Feasibility of Intraoperative Shear Wave Elastography Compared to CEUS for Differentiation of Malignant and Benign Hepatic Lesions during Liver Surgery

GI334-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Doppler Ultrasonography Device Following by Elastography Allows Accurate Screening for Severe Liver Fibrosis

GI335-SD-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Intravoxel Incoherent Motion (IVIM) and T2 Mapping in Differentiating Subtypes of Crohn's Disease: A Pilot Study

GI336-SD-MOA9 (Mon, 12:15-12:45 PM, Station #9)
Dynamic Contrast Enhanced MR Imaging for Therapeutic Response Assessment after Neoadjuvant Chemoradiotherapy in Patient with Local Advanced Rectal Cancer

GI337-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Prediction of Pancreatic Fistula and Postoperative Complications after Pancreaticoduodenectomy Based on Preoperative Imaging and Clinical Features

GI338-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Contrast-Enhanced Dual-Energy CT as a Prognostic Factor in Patients with Pancreatic Adenocarcinoma

GI339-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Feasibility of CT Colonography to Provide Vessel Anatomy for Laparoscopic Colorectal Surgery: Does the Preoperative Vessel Anatomy Correlate the Operative Finding?

GI340-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Quantitative Magnetic Resonance Parameters and Their Relationship to Liver Fibrosis and Necroinflammation

GI341-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Role of Spleen Stiffness Measured by ARFI Elastography in Predicting the Presence of Esophageal Varices (EV) in Patients of Liver Cirrhosis

GI342-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Early Prediction of Tumor Response to Bevacizumab Treatment in Murine Colon Cancer Models using Three-Dimensional Dynamic Contrast-Enhanced Ultrasound Imaging

GI343-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Diffusion Weighted MR Imaging-Derived Histogram Metrics for Quantitative Assessment of Response to Neoadjuvant Chemoradiotherapy in Local Advanced Rectal Cancer: Initial Experience and Comparison between Single-Section and Volumetric Analyses

GI344-SD-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Diagnostic Accuracy of FibroScan for Significant Liver Fibrosis and Cirrhosis in Chronic Hepatitis B: A Meta-Analysis

GI345-SD-MOB9 (Mon, 12:45-1:15 PM, Station #9)
Diffusion-weighted Magnetic Resonance Imaging for Assessing Intestinal Stenosis in Crohn's Disease

GI346-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Application of Multiphase Perfusion CT Parameters in Evaluating Early-treatment Response to Transcatheter Arterial Chemoembolization of Advanced Hepatocellular Carcinoma

GI347-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Diagnostic Performance and Interobserver Variation in MR Reporting of Extramural Venous Invasion in Rectal Cancer

GI348-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Correlations between the Iodine Concentrations from Dual Energy Computed Tomography and Molecular Markers Ki-67 and HIF-1a in Rectal Cancer: A Preliminary Study

GI349-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
CT Enterography Score: A Potential Predictor for Severity Assessment of Active Ulcerative Colitis

GI350-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Whole-Volume Perfusion CT for Differentiating Tumor KRAS Mutation Status in Colorectal Cancer

GI351-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Prediction of Histological Grade of Hepatocellular Carcinoma with Intravoxel Incoherent Motion Diffusion-weighted Imaging and Conventional Contrast-enhanced MR Imaging

GI352-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
MRI and MRCP Features of Chronic Pancreatitis in Patients with or without Pancreas Divisum Abnormality and Their Relationship to Patient's Age

GI353-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Detection of Inflammatory Bowel Segments with [18F]-FDG PET/MR Enterography by Crohn's Disease: Which Surrogate Marker is Better - MaRIA, Clermont Score or PET?

GI354-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
The Value of Gadoteric Acid-Enhanced Magnetic Resonance Imaging (EOB-MRI) for Predicting Rapid Recurrence of Hepatocellular Carcinoma (HCC) After Surgical Resection: Comparison with Multi-Detector Row CT (MDCT)

GI355-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
CT Fractal Analysis of Rectal Cancer: New Biomarker for Predicting the Histological Effect of Neoadjuvant Chemoradiation Therapy

GI356-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Measuring Cardiac and Liver T2* for Iron Quantification in a Single Breath-Hold Acquisition

GI357-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Long-Term Fate of Hepatic Adenoma and Adenomatosis: Analysis of Imaging Findings with Pathologic Correlation

GI358-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Dose and Image Quality Comparison Between with Mas-Adjusted Fast Kvp-Switching Dual Energy Scan Protocols and Conventional Helical Scan Mode Using Postmortem CT

GI359-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
The Feasibility of One-Stop Examination of Coronary CT Angiography (CCTA) and Abdominal Enhanced CT

GI360-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Radiation Dose Reduction in Abdominal CT Perfusion with Model-Based Iterative Reconstruction: Phantom and Clinical Studies

GI361-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
MRI Texture Analysis Value in Prediction and Early Assessment Tumoral Treatment Response to Neoadjuvant Chemoradiotherapy in Patients with Locally Advanced Rectal Cancer: A Preliminary Study

GI362-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Volume versus Caloric Stimulation of Small Bowel Motility at Dynamic MRI

GI363-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Virtual Monochromatic Image Reconstruction with Dual-Layer Spectral Detector Computed Tomography at 50% Iodine Load Reduction for Hepatic Dynamic Computed Tomography: A Matched-Pair Comparative Study

GI364-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Risk Stratification of Gastrointestinal Stromal Tumors Assessed by Quantitative Texture Analysis Based on Dual-Energy CT: A Preliminary Study

GI365-SD-WEA8 (Wed, 12:15-12:45 PM, Station #8)
Initial Study on Radiation Dose and Image Quality of Ultra-low Current and Voltage CT Colonography with Iterative Model Reconstruction

GI366-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Value of 100 kVp Scan with Sinogram-Affirmed Iterative Reconstruction on a Single-Source CT Scanner during Chest-Abdominal-Pelvic CT in Oncologic Assessment for Radiation and Contrast Medium Dose Reduction: An Intraindividual Feasibility Study

GI367-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Imaging Comparison Study between Type 1 and Type 2 Autoimmune Pancreatitis

GI368-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Application of Dynamic Contrast Enhancement Imaging and Intravoxel Incoherent Motion Model in Pathological Grades of Rectal Cancer and Its Correlation of Perfusion Parameters

GI369-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Effect of Preset Adaptive Statistical Iterative Reconstruction-V on the Image Quality and Radiation Dose in Dual-Enhanced Abdominal CT

GI370-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)

Dynamic Contrast Enhanced Perfusion CT Imaging: Diagnostic Biomarker Tool for Prediction of Tumour Response to Antiangiogenic Treatment in Patients with Advanced HCC Lesions

GI371-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)

Integrated Slice-Specific Shimming (iShim) Intravoxel Incoherent-Motion Diffusion-Weighted MR Imaging in the Liver: The Value of Early Assessment in Colorectal Cancer Patients with Liver Metastases Treated with Antiangiogenic Drugs

GI372-SD-WEB7 (Wed, 12:45-1:15 PM, Station #7)

Feasibility of Free-Breathing Dynamic Contrast-enhanced MRI of Gastric Cancer Using a Golden-Angle Radial VIBE Sequence: Comparison with Conventional Contrast-Enhanced Breath-hold 3D VIBE Sequence

GI373-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)

In Vivo Conductivity Images of Liver Tissue Damage: Animal Liver Cirrhosis Model Study

GI374-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)

Can ADC Be Used as a Surrogate Marker of Response to Therapy in Intestinal Ulcero-constrictive Diseases?

GI375-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)

Diagnosis of Hepatocellular Carcinoma (HCC) Using Gadoxetic Acid (Gd-EOB-DTPA)-Enhanced Magnetic Resonance Imaging (MRI): Liver Imaging Reporting and Data System (LI-RADS) versus Simplified LI-RADS (Sli-RADS)

GI376-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)

Liver Imaging Reporting and Data System on CT and Gadoxetic Acid-Enhanced MRI with Diffusion-weighted Imaging

GI377-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)

Comparison of Diagnostic Performances of Magnetic Resonance Elastography and Serum Markers for Liver Fibrosis Staging

GI378-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)

Vanishing Washout Phenomenon on CT in Patients with Hepatocellular Carcinoma Due to Hepatic Steatosis: Qualitative and Quantitative Imaging Analysis

GI379-SD-THA7 (Thu, 12:15-12:45 PM, Station #7)

Computed Tomography Lymphangiography Findings in 19 Cases of Chyloperitoneum and Liver Cirrhosis

GI380-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)

Can Disturbed Liver Perfusion Revealed In P-CT on the First Day of Acute Pancreatitis Provide Information about the Expected Severity of the Disease and be a Prodrome of a Multiple-Organ Dysfunction?

GI381-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)

Predicting Hepatic Metastases in MRI with a Radiomics Approach in a Mouse Model

GI382-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)

Hepatic Neuroendocrine Tumors: Gadoxetic Acid-Enhanced Magnetic Resonance Imaging Findings with an Emphasis on Differentiation between Primary and Secondary Tumors

GI383-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)

Anatomical and Hemodynamic Evaluations of Hepatic Vasculatures using 4D-PCA and MRFD for Liver Disease Assessment

GI384-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)

Ultrasound-Guided Percutaneous Drainage of Hepatic Abscesses: Efficacy, Safety, and Factors Associated with Failure

GI385-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)

Signal Changes of Liver Metastases after Bevacizumab Therapy

Genitourinary/Uroradiology

GU224-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Pilot Study of Co-registration of Pre- and Post-treatment MRI for Predicting Treatment Adequacy of Prostate Cancer Focal Therapy

GU225-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Evaluation of Complex Renal Cystic Lesions with Contrast Enhanced Ultrasound (CEUS) and Functional Magnetic Resonance Imaging (MRI) versus the Gold Standard: Computer Tomography (CT)

GU226-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Diffusion Weighted Magnetic Resonance Imaging of Acute Pyelonephritis from Acute Stage to 3-Months Follow-Up: Is There a Match Between Radiological and Clinical Results?

GU227-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Determination of Single-Kidney Glomerular Filtration Rate (GFR) with CT Urography versus Renal Dynamic Imaging Gates Method

GU228-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Fat Quantification of Adrenal Masses Using 3D 6-point Dixon MR Imaging: Intermodality Agreement and Interobserver Reproducibility Study

GU229-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
NSsFe: Observational Study on the Incidence of Nephrogenic Systemic Fibrosis in Patients with Renal Impairment Following Gadoterate Meglumine Administration

GU230-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Are Growth Patterns in Small (<4 Cm) Solid Renal Masses Useful For Diagnosis of Benign versus Malignant Histology?

GU231-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Role of Periodically Rotated Overlapping Parallel Lines with Enhanced Reconstruction (PROPELLER) DWI of the Prostate in Reducing Distortion Artefact from Total Hip Replacement Metalwork

GU232-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
MRI-Based High Spatial Resolution Single Renal Oxygenation Imaging for Early Evaluation of Acute Kidney Injury

GU233-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
X-Ray Phase-Contrast CT: A New Tool for Differentiation of Benign Lesions from Renal Cell Carcinomas

GU234-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Useful Objective and Subjective Criteria for Prostate Cancer Detection on Multiparametric MRI

GU235-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Objective Differentiation of Clear Cell and Papillary Renal Cell Carcinoma (RCC) and Oncocytoma through Whole Lesion Volumetric ADC Measurement

GU236-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Predicting Clinically Significant from Non-Clinically Significant Prostate Cancers: Evaluation of PIRADS-v2 in a Surgical Cohort

GU237-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Parapelvic Cysts: An Ultrasonographic Clue for Differential Diagnosis in Fabry Disease

GU238-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Individual Variables Influencing Clinical Outcome in Women Treated with Magnetic Resonance High-intensity Focused Ultrasound Ablation of Uterine Fibroids (MRgFUS)

GU239-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Comparative Study of Digital Tomosynthesis and Radiological Methods on Diagnoses' Factor in Ureteral Calculi

GU240-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Color Doppler Ultrasound (CDUS) in Focal Testicular Lesions: Influence of Size and Pattern of Vessels in Malignant and Benign Lesions

GU242-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Ovarian Cancer: Correlation of Apparent Diffusion Coefficient (ADC) with Tumor Cellularity and Histological Subtypes

GU243-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Imaging Assessment in Women Affected by Uterine Fibroids for Planning Type of Treatment: Surgery or Interventional Radiology?

GU244-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
In Vivo Multiparameter Quantitative Characterization of Sub-types of Upper Urinary Calcium Calculi on Dual-energy CT: A Pilot Study

GU245-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Utilization of Monochromatic Images at Higher Photon Energies to Reduce Pseudo-Enhancement of Renal Lesions Increases the Number of Missed Malignant Lesions

GU246-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Reproducibility of CT Perfusion in Ovarian Cancer: A Substudy of ACRIN 6695/GOG-0262

GU247-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Diagnostic Value and Pathological Study of ADC Value in Early Cervical Cancer

GU248-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Anti-Peristaltic Medication Significantly Decreases Motion Artefacts and Allows Better Delineation of Anatomic Structures in mp-MRT of the Prostate

GU249-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Impact of Magnetic Resonance Imaging (MRI) of the Fetal Brain in the Assessment of Fetal Central Nervous System (CNS) Anomalies

GU250-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Uterine Malformations Associated with Higher Incidence of
Ectopic Ovary

GU251-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Does a Negative Prostate mpMRI Rule-Out Clinically Significant
Cancer

GU252-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
3D Texture-based Kernel Regression for Characterization of Clear
Cell Renal Cell Carcinoma vs Oncocytoma on Four Phase MDCT

GU253-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Radiogenomics of High-Grade Serous Ovarian Cancer: Association
Between Qualitative and Radiomics CT Features, Clinical Features
and Mutations of BRCA1 and BRCA2

GU254-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
The Differential Diagnosis Value of Texture Analysis and
Histogram Parameters in Apparent Diffusion Coefficient of
Diffusion Weighted Images for Uterine Sarcoma and Degenerated
Hysteromyoma

GU255-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Evaluating the Ultrasound Diagnostic Criteria for Non-Viable First
Trimester Pregnancies

GU256-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
3T MR Imaging, PIRADSV2 based detection of Index Prostate
Cancer Lesions in the Transition Zone and the Peripheral Zone
using Whole Mount Histopathology as Reference Standard 3T MR
Imaging, PIRADSV2 Based Detection of Index Prostate Cancer
Lesions

GU257-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
MRI Features of Endometrial Polyps: Frequency of Occurrence and
Interobserver Reliability

GU258-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Application of Diffusion Kurtosis MR Imaging in Characterization
of Renal Cell Carcinomas with Different Pathological Types and
Grades

GU259-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Atypical Imaging Features of Renal Pelvic Urothelial
Carcinoma that Mimics Central Renal Cell Carcinoma: Utility
of Monoexponential, Biexponential, and Stretched Exponential
Diffusion-Weighted Imaging Models

GU260-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
MRI Quantitative Evaluation of Cervical Cancer Extent to
Parametrium

GU261-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Quantitative Shear-Wave Elastography of the Testicle: Normal
Values and Assessment of the Common Pathological Conditions on
a Large Cohort

GU262-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Effects of Echo Time on IVIM Quantification and Reproducibility of
the Normal Prostate

GU263-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Utilization of 70 keV versus 78 keV Simulated Monoenergetic Dual
Energy CT Images for Detection of Enhancement in Renal Cell
Carcinoma

GU264-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Biparametric MRI and Targeted Biopsy in Men with Elevated PSA
before Their First Biopsy: Prospective Qualitative and Quantitative
Reporting in a Multi-Institutional Registered Clinical Trial (Multi-
IMPROD)

GU265-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Volumetric Analysis of Prostate Tumors on MRI as a Predictor for
Aggressive Disease

GU266-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Radiological Assessment of Peritoneal Cancer Index (PCI) on
Preoperative CT in Ovarian Cancer: Relationship with Surgical
Outcome and Survival

GU267-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Incremental Value of Ultrasound in Small Renal Mass (≤ 4 Cm) with
T2 Low Signal Intensity to Differentiate Fat Poor Angiomyolipoma
and Renal Cell Carcinoma

GU268-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Dual Energy Computed Tomography Assessment of Ablation Zone
after Renal Radiofrequency Ablation

GU269-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Intra-Tumoral Texture and Features of Organ Distension Predict
Prostate Cancer Biochemical Recurrence on Pre-Treatment MRI

GU270-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Development and Validation of Biparametric MRI Followed by
Targeted Biopsy in Men with a Clinical Suspicion of Prostate
Cancer: IMPROD and Multi-IMPROD Clinical Trials

GU271-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
3D T2-weighted and Quantitative T2 Prostate MRI Using DESS at
3T: Comparison of T2-weighted Image Quality to a Reference 3D
TSE Sequence

GU272-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Malignant Epithelial Tumor of Ovary: Preoperative Nomogram to
Assess Probability of Lymph Node Metastasis Using Tumor Marker
and Computed Tomography

GU273-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Multiparametric PET/MRI in Cervical Cancer: Radiomics Signature
of Primary Tumor Predicts N- And M-Stage

GU274-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Magnetic Resonance Imaging and Intraoperative Frozen Section in the Assessment of Myometrial Invasion in Endometrial Cancer: Radiology-Pathology Correlation

GU275-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Bladder Cancer Staging in CT Urography Using Radiomic Biomarkers

GU276-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Detection and Characterization of Clinically Significant Prostate Cancer Index Lesions with Multiparametric MRI (Mpmri): Is There an Association between Reader Confidence and Diagnostic Accuracy?

GU277-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
The Diagnostic Potential of Diffusion Weighted and Dynamic Contrast Enhanced MR Imaging in the Characterization of Complex Ovarian Lesions

GU278-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Are Hemorrhagic Renal Cysts T1 Bright Enough to be Distinguished from Papillary Type Renal Cell Carcinoma? A Retrospective Analysis of 155 MRI Studies

GU279-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Usefulness of Testicular Volumes and Apparent Diffusion Coefficient Values of Magnetic Resonance Imaging in Evaluation of Infertile Men with Azoospermia

GU280-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Texture Analysis of Bladder Cancer: Differentiating Transitional Cell Carcinoma from Micropapillary Carcinoma

GU281-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Value of DTI Quantitative Parameters in Differential Diagnosis of Uterine Sarcoma and Degenerated Hysteromyoma

UR001-EB-X (Hardcopy Backboard)
Small Renal Mass (<4 cm): Clues to Diagnosis

UR002-EB-X (Hardcopy Backboard)
Immune Disorders of the Genitourinary System: Multimodality Imaging Features

UR003-EB-X (Hardcopy Backboard)
Renal Hemorrhagic/Proteinaceous Cysts (HPCs): Top Ten Imaging Pearls Every Radiologist Should Know

UR004-EB-X (Hardcopy Backboard)
Update on CT and MRI Evaluation of Cystic Renal Masses with Radiological-Pathological Correlation

UR005-EB-X (Hardcopy Backboard)
Common and Unusual Dissemination of Prostate Cancer: A Multimodality Pictographic Review

UR006-EB-X (Hardcopy Backboard)
Low Urine Output or Elevated Resistive Index after Renal Transplant: What Every Radiologist Should Know About It

UR007-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)
Renal Tract Anomalies Related to the Disruption of Normal Embryological Development: What the Radiologist Needs to Know

UR008-EB-TUB (Tue, 12:45-1:15 PM, Hardcopy Backboard)
A Multimedia Application for Comprehensive Depiction of Imaging Findings in Urological Disorders for iPad and iPhone

UR009-EC-X (Custom Application Computer Demonstration)
CT Evaluation of an Adrenal Mass: An Interactive Checklist Approach

UR010-EB-THB (Thu, 12:45-1:15 PM, Hardcopy Backboard)
A Tale of Two Ducts: Development of the Male Reproductive System and Associated Pathology

UR011-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Semiology of the Male Urethra Ultrasonography: Key Concepts

UR012-EB-X (Hardcopy Backboard)
The Role of Contrast Enhanced Ultrasound (CEUS) in the Evaluation of Scrotal Trauma

UR013-EB-X (Hardcopy Backboard)
Percutaneous Interventions for Ureteral Stent Dwelling

UR100-ED-X (Digital Education Exhibit)
Diagnostic Imaging and Interventional Procedures in Complications of Kidney Transplantation

UR101-ED-X (Digital Education Exhibit)
Tumor, Trauma, and Tumescence: A Review of Penile Pathology

UR102-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Sonographic, MDCT and MRI Imaging of Renal Infection: Pathophysiology, Early Detection, Complications and Atypical Variants

UR103-ED-X (Digital Education Exhibit)
MDCT Imaging of Bladder Emergencies: The Gamut of Imaging Findings

UR104-ED-X (Digital Education Exhibit)
The Male Urethrogram: Is There Room in the Lumen?

UR105-ED-X (Digital Education Exhibit)
MRI in Peyronie's Disease: Technique and Interpretation

UR106-ED-X (Digital Education Exhibit)
Epididymal Abnormalities: A Case-Based Review of Scrotal Ultrasound and Epididymal Findings

UR107-ED-X (Digital Education Exhibit)

Non-Conventional Contrast Multi-Detector Tomography Studies in the Urinary Tract: Pictorial Review

UR108-ED-X (Digital Education Exhibit)

Be Aware of Tube Potential Setting When Interpreting Renal Masses on CT

UR109-ED-X (Digital Education Exhibit)

Kidneys, Ureters, Bladders, Oh My! A Case-based Review of Genitourinary Mimics of Malignancy

UR110-ED-X (Digital Education Exhibit)

Not Only Bones Can Fracture: A Review of Penile Fractures and Associated Injuries

UR111-ED-X (Digital Education Exhibit)

Unpack That Sack: Multimodality Imaging of Paratesticular Scrotal Masses with Contrast-enhanced Ultrasound (CEUS) and Pathology Correlation

UR112-ED-X (Digital Education Exhibit)

Bone Metastases from Prostate Cancer, Monitoring of Chemotherapy using of Whole Body MRI (WB-MRI), CT, Bone Scintigram: Which is the Standard?

UR113-ED-X (Digital Education Exhibit)

Imaging of Renal Transplant Complications Throughout the Life of the Allograft: A Comprehensive Multimodality Review

UR114-ED-X (Digital Education Exhibit)

Sonography of Extratesticular Scrotal Pathology and their Mimics

UR115-ED-X (Digital Education Exhibit)

Ultrasonography for the Scrotum: A Primer for Radiology Residents

UR116-ED-X (Digital Education Exhibit)

Penile Doppler Ultrasound in Erectile Dysfunction: Technique and Interpretation

UR117-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)

Imaging Evaluation of T1a (≤ 4 cm) Renal Cell Carcinoma on Non-Contrast CT: Can You Detect Small Renal Cell Carcinoma on Screening Non-Contrast CT?

UR118-ED-X (Digital Education Exhibit)

Postoperative Appearance and Complications of the Urinary Tract Following Surgery: A Comprehensive Review

UR119-ED-X (Digital Education Exhibit)

Problematic Renal Masses: Pitfalls and Pearls on Cross Sectional Imaging

UR120-ED-X (Digital Education Exhibit)

Pheochromocytoma: The Great Masquerader

UR121-ED-MOA7 (Mon, 12:15-12:45 PM, Station #7)

Diffusion Restriction in the Prostate: Not Always Cancer, Be Aware!

UR122-ED-X (Digital Education Exhibit)

CT Laparoscopy Depicting Virtual Gross Pathology and Its Role in Surgical Management of Renal Masses

UR123-ED-X (Digital Education Exhibit)

Diffuse Renal Parenchyma Diseases: Patterns on Gray-scale Ultrasound, Color Doppler Ultrasound, Contrast-enhanced Ultrasound and Ultrasound Elastography

UR124-ED-MOB7 (Mon, 12:45-1:15 PM, Station #7)

MRI of the Penis: Shedding Light on a Small Part

UR125-ED-TUA7 (Tue, 12:15-12:45 PM, Station #7)

Abdominopelvic Solitary Fibrous Tumors with Radiologic Pathologic Correlation

UR126-ED-X (Digital Education Exhibit)

Contrast-Enhanced Ultrasound: The New Magic Wand in Renal Sonography?

UR127-ED-X (Digital Education Exhibit)

Augmentation Urethroplasty Repair for Anterior Urethral Stricture: Everything the Radiologist Needs to Know from Initial Imaging Evaluation to Post-operative Assessment and Patient Management

UR128-ED-X (Digital Education Exhibit)

Pi-Rads Version 2: A Pictorial Review with Radiopathologic Correlation Using a 3T MRI

UR129-ED-X (Digital Education Exhibit)

Transrectal Contrast-enhanced Ultrasound (CEUS) for Assessment of Ablation Zone after High-intensity Ultrasound (HIFU) for Prostate Cancer

UR130-ED-TUB7 (Tue, 12:45-1:15 PM, Station #7)

Percutaneous Nephrolithotomy: Role of Computed Tomography in Pre and Post-procedural Assessment

UR131-ED-WEA7 (Wed, 12:15-12:45 PM, Station #7)

Putting MRI to Test Testes: A Review on Malignant Testicular Neoplasms

UR132-ED-X (Digital Education Exhibit)

MRI Spectrum of PI-RADS 5 Lesions with Emphasis on Invasive Features: A High-yield Case-based Review

UR133-ED-X (Digital Education Exhibit)

Duplex Doppler Ultrasound with Intracavernous Vasoactive Drugs in Evaluation of Erectile Dysfunction Prior Peyronie's Disease Correction Surgery: Step-by-Step Guide and What to Expect

UR134-ED-X (Digital Education Exhibit)

Test Your Diagnostic Skills on Focal Renal Masses: Biopsy Yay or Nay?

UR135-ED-WEB7 (Wed, 12:45-1:15 PM, Station #7)

Imaging Complications of Intravesical BCG Therapy for Bladder Cancer

UR136-ED-X (Digital Education Exhibit)

Calcified Adrenal Masses; Pattern Recognition Approach on Computed Tomography with Pathologic Correlation

UR137-ED-X (Digital Education Exhibit)

Multimodality Imaging Evaluation of Potential Renal Donors

UR138-ED-X (Digital Education Exhibit)

Contrast-enhanced Ultrasound with Time-Intensity Curve Analysis: A Diagnostic Tool for Management of Indeterminate Cystic Kidney Lesions

UR139-ED-X (Digital Education Exhibit)

Measuring the Prostate: A Guide for the Perplexed

UR140-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)

Endoscopic-radiological Combined Procedure Rendezvous for Ureteral Iatrogenic Detachment

UR141-ED-X (Digital Education Exhibit)

2017 AUA Renal Mass and Localized Renal Cancer Guidelines: Imaging Implications

UR142-ED-X (Digital Education Exhibit)

Urinary Diversion in the Treatment of Bladder Cancer: Beyond the Surgical Intervention

UR143-ED-X (Digital Education Exhibit)

Adrenocortical Carcinoma: Pathology, Imaging Workup, Typical/Atypical Features, Pitfalls and Mimics - Does WEISS Pathology Score And Ki-67 Correlate with Imaging Features?

UR144-ED-X (Digital Education Exhibit)

Misplaced/displaced Urinary Tract Stents and Catheters: A Pictorial Review

UR145-ED-X (Digital Education Exhibit)

Spectrum of Ultrasound Imaging Findings in Different Scrotal Pathologies

UR146-ED-X (Digital Education Exhibit)

Male Infertility: The Role of Ultrasound Imaging in Diagnosis and Management

UR147-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)

More Than Masses: The Many Faces of Renal Calcifications

UR148-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)

CT Dose Reduction Strategies in CT Urography

UR149-ED-X (Digital Education Exhibit)

How to Access/Manage Adrenal Incidentalomas Based on Currently Guideline

UR150-ED-X (Digital Education Exhibit)

Direct and Indirect Imaging Features of Adrenohepatic Fusion

UR151-ED-X (Digital Education Exhibit)

Urological Malignant Lymphoma: Multimodality Imaging and Differential Diagnosis

UR152-ED-X (Digital Education Exhibit)

Renal Angiomyolipomas (AML) with Minimal Fat: CT/MR Imaging Patterns, with Intratumoral Fat Content Evaluation using Chemical-Shift MR Imaging Technique

UR153-ED-X (Digital Education Exhibit)

Complications of Urinary Tract Surgical Procedures: CT-Urographic Patterns

UR154-ED-X (Digital Education Exhibit)

Incidental Prostate Cancer Detected after Holmium Laser Enucleation of Prostate (HoLEP): Multiparametric Magnetic Resonance (MR) Imaging Patterns

UR155-ED-X (Digital Education Exhibit)

Retroperitoneal Cystic Lymphangiomas (RCL): CT and MR Patterns

UR156-ED-X (Digital Education Exhibit)

Renal Oncocytomas: Computed Tomography (CT) and Magnetic Resonance (MR) Patterns

UR157-ED-X (Digital Education Exhibit)

Postoperative complications after Robotic Assisted Laparoscopic Prostatectomy (RALP): Computed Tomography (CT) Patterns

UR158-ED-X (Digital Education Exhibit)

MR Imaging Patterns of Unusual Adrenal Masses

UR159-ED-X (Digital Education Exhibit)

The Treated Kidney: Computed Tomography (CT) and Magnetic Resonance (MR) Recurrence Patterns

UR160-ED-X (Digital Education Exhibit)

Multimodality Imaging of Common and Uncommon Adrenal Masses in Adults

UR161-ED-X (Digital Education Exhibit)

Benign Prostatic Hyperplasia (BPH): Multiparametric Magnetic Resonance (MR) Imaging Patterns

UR162-ED-X (Digital Education Exhibit)

Urethral Lesions Revisited: The Role of Imaging in the Diagnosis, Staging, and Treatment

UR163-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)
Complexity R.E.N.A.L. Nephrometry in Kidney Tumors: Ready? Score it!

UR164-ED-X (Digital Education Exhibit)
The Lowdown on Lower GU: Lower Urinary Tract Neoplasms, Preoperative and Postoperative Imaging

UR165-ED-X (Digital Education Exhibit)
Non-Ischaemic Priapism: Role of Imaging in the Diagnosis, Treatment and Follow-up

UR166-ED-X (Digital Education Exhibit)
PI-RADS v2 for Transition Zone Lesions: Imaging Potholes and Pitfalls

UR167-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Cystic World of Retroperitoneum

UR168-ED-X (Digital Education Exhibit)
Multiparametric MR Imaging in the Setting of Prostate Cancer Recurrence

UR169-ED-X (Digital Education Exhibit)
Evolving Management of Solid Renal Masses: Role of Imaging

UR170-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Therapeutic Ultrasound Ablation of the Prostate: A Review of Available Devices and Evidence

UR171-ED-X (Digital Education Exhibit)
Differential Diagnosis of Solid Renal Tumors: A Pictorial Review

UR172-ED-X (Digital Education Exhibit)
Postoperative Imaging of Genital Reassignment

UR173-ED-X (Digital Education Exhibit)
Incidental Findings at Multiparametric Prostate MRI

UR174-ED-X (Digital Education Exhibit)
The Urinary Bladder: A Multimodality Review of Uncommon Pathology

UR175-ED-X (Digital Education Exhibit)
Inflammatory and Non-Neoplastic Pathology of the Bladder: When the Pathologic Evaluation is Required

UR176-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)
Challenging Adrenal Cases: A Quiz-Based Approach to Adrenal Gland Pathologies

UR177-ED-X (Digital Education Exhibit)
Advanced Renal Cell Carcinoma: Role of Radiologist in the Era of Precision Medicine

UR178-ED-X (Digital Education Exhibit)
Benign to Malignant Adrenal Lesions on MRI: A Comprehensive Review

UR179-ED-X (Digital Education Exhibit)
Multiparametric Magnetic Resonance Imaging Findings in Granulomatous Prostatitis

UR180-ED-X (Digital Education Exhibit)
Scrotal Ultrasound Tutorial: Positive Results after just 6 Months

UR181-ED-X (Digital Education Exhibit)
Venous Thrombosis Secondary to Renal Neoplasm: Radiological Assessment

UR182-ED-X (Digital Education Exhibit)
Benign Renal Neoplasms: Unusual Findings and Uncommon Tumors

UR183-ED-X (Digital Education Exhibit)
Diseases of the Renal Hilum and Perinephric Space: Looking Beyond the Bleed

UR184-ED-X (Digital Education Exhibit)
A Case-Based Approach to Differentiating Retroperitoneal Pathology

UR185-ED-X (Digital Education Exhibit)
A Tale of Two Tumors: Current Update in Genetics and Imaging of Pheochromocytomas and Paragangliomas

UR186-ED-X (Digital Education Exhibit)
How Does the Fat Reach the Bladder? Chyluria: Lymphatico-urinary Fistula on CT

UR187-ED-X (Digital Education Exhibit)
T2-Hyperintense Retroperitoneal Lesions: Diagnostic Considerations and Imaging Findings

UR188-ED-X (Digital Education Exhibit)
Think Outside the Peritoneal Box: A Call for an Accurate Interpretation of Retroperitoneal Masses

UR189-ED-THB8 (Thu, 12:45-1:15 PM, Station #8)
MR Imaging of Disorders of Sex Development: What Does the Referring Physician Expect Us to Report?

UR190-ED-X (Digital Education Exhibit)
Renal Cell Carcinoma: Imaging Aspects from Diagnosis to Advanced Therapies

UR191-ED-X (Digital Education Exhibit)
Lumps and Bumps: Imaging Evaluation of Palpable Scrotal Pathology

UR192-ED-X (Digital Education Exhibit)
Perirenal Rind-like Lesions: A Pattern Approach

UR193-ED-X (Digital Education Exhibit)
Renal Tumor Structured Reporting Including Nephrometry Score and Beyond: What the Urologist Needs to Know

UR194-ED-X (Digital Education Exhibit)
Radiographic Evaluation of Scrotal Pain with Pathological Correlation: A Pictorial Review

UR195-ED-X (Digital Education Exhibit)
Incidental Findings on Prostate MRI: A Pictorial Review

UR196-ED-X (Digital Education Exhibit)
Scrotal Pathologies: MRI Manifestations

UR197-ED-X (Digital Education Exhibit)
MRI Case-based Review of Adrenal Pathologies

UR198-ED-X (Digital Education Exhibit)
Anatomical and Molecular Imaging of Prostate Cancer

UR199-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
Strain US Elastography of Prostatic Lesions: Correlation with B-mode Ultrasound and Magnetic Resonance

UR200-ED-X (Digital Education Exhibit)
Cystic Lesions of the Lower Urogenital Tract in Male/Female: Case-based Pictorial Review

UR201-ED-X (Digital Education Exhibit)
Retrograde Urethrography: A Full-Length Review

UR202-ED-X (Digital Education Exhibit)
Imaging Features of Oncocytic Neoplasms of the Adrenal Gland: Experience with 11 Cases

UR203-ED-X (Digital Education Exhibit)
The Role of Imaging in Modern Prostate Cancer Care

UR204-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)
The Value of Ultrasonography in Evaluating Stent Placement of Atherosclerotic Renal Artery Stenosis

UR205-ED-X (Digital Education Exhibit)
Disorders of the Testes: A Case-Based Approach of Ultrasonographic Findings

UR206-ED-MOA9 (Mon, 12:15-12:45 PM, Station #9)
Atypical Prostatic Lesions: The Uncommon Neoplasms and Periprostic Mimickers

UR207-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Disorders of the Testes: A Case-Based Approach of Ultrasonographic Findings

UR208-ED-X (Digital Education Exhibit)
Avoiding Suprarenal Slipups: Fundamentals of Adrenal MRI

UR209-ED-X (Digital Education Exhibit)
Essentials for Establishing a Successful MR-US Fusion Biopsy Program

UR210-ED-X (Digital Education Exhibit)
Limitations of PIRADS Version 2

UR211-ED-X (Digital Education Exhibit)
Retroperitoneal Masses: What Are the Diagnostic Clues?

UR212-ED-TUA9 (Tue, 12:15-12:45 PM, Station #9)
The Many Faces of Urinary Bladder Disorders

UR213-ED-TUB8 (Tue, 12:45-1:15 PM, Station #8)
Bilateral Renal Lesions: A Pictorial Review

UR214-ED-WEA8 (Wed, 12:15-12:45 PM, Station #8)
Feeling the Burn? Imaging Features of Urinary Tract Infections

UR215-ED-X (Digital Education Exhibit)
Current Challenges in Assessing Response in Metastatic Renal Cell Carcinoma

UR216-ED-X (Digital Education Exhibit)
Progress in the Diagnosis of Upper Tract Urothelial Carcinoma: Advances and Remaining Hurdles

UR217-ED-X (Digital Education Exhibit)
Sonographic, Cross-Sectional and PET Imaging in Testicular Tumors Contributing to Male Infertility

UR218-ED-WEB9 (Wed, 12:45-1:15 PM, Station #9)
Adrenal Lesions from ACC to Zuckerkandl: Interactive Case-Based Review of the Diagnosis of Adrenal Lesions

UR219-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)
The Adrenals: Thinking Beyond the Adrenal Protocol - A Pictorial Essay of Incidentalomas and Diagnostic Algorithm

UR220-ED-X (Digital Education Exhibit)
Ultrasound Evaluation of the Epididymis

UR221-ED-X (Digital Education Exhibit)
Von Hippel-Lindau (vHL) Disease: A Comprehensive Review of Genetic, Clinical and Radiological Manifestations

UR222-ED-X (Digital Education Exhibit)
Extra-adrenal Retroperitoneal Paragangliomas: What the Radiologist Should Know

UR223-ED-X (Digital Education Exhibit)
Renal Stone CT: Composition and Quantification

Health Services Research, Policy, and Practice

HP001-EB-X (Hardcopy Backboard)

The Radiologist Will See You Now! Our Institution's Experiences Creating a Diagnostic Radiology Clinic

HP002-EB-WEA (Wed, 12:15-12:45 PM, Hardcopy Backboard)

Managing and Reducing the Scattered Radiation Dose in MDCT

HP003-EB-X (Hardcopy Backboard)

MACRA Is Coming: Are We Ready?

HP004-EB-X (Hardcopy Backboard)

Importance of Effective Communication with Patients and Staff: Emotional Intelligence in Negotiation and Mediation to Help Resolve Disputes

HP100-ED-SUA4 (Sun, 12:30-1:00 PM, Station #4)

Fundamentals of Diagnostic Error

HP101-ED-X (Digital Education Exhibit)

Inter-rater Reliability in Radiology: A Primer for Appropriate Use, Interpretation and Avoidance of Potential Pitfalls

HP102-ED-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Quality over Quantity: What MACRA, MIPS and APMs Mean For the Future of Radiology

HP103-ED-MOA6 (Mon, 12:15-12:45 PM, Station #6)

MACRA MIPS: What You Don't Know Now Will Hurt You Later!

HP104-ED-X (Digital Education Exhibit)

It's About Time: The Utilization of Time-Outs in Radiology and Nuclear Medicine

HP105-ED-X (Digital Education Exhibit)

3D-Printed Simulation Models in Interprofessional Radiology Education

HP106-ED-X (Digital Education Exhibit)

Video Tutorials for Ultrasound Assessment

HP107-ED-X (Digital Education Exhibit)

Motivation: How to Create a Cohort of Engaged, Happy, and Motivated Radiology Trainees

HP108-ED-X (Digital Education Exhibit)

Practice Improvements in Thyroid Ultrasound Assessment: Implementing a Transition from ATA to TI-RADS

HP109-ED-X (Digital Education Exhibit)

Improving the Care That We Provide: A Training Curriculum for Diverse, Vulnerable and Marginalized Patient Populations

HP110-ED-MOB6 (Mon, 12:45-1:15 PM, Station #6)

Increasing Value in Radiologic Care: Learning from Past Misses, Misinterpretations, and Overcalls

HP111-ED-X (Digital Education Exhibit)

Measuring Academic Performance in Radiology: A Primer

HP112-ED-X (Digital Education Exhibit)

How to Build a Multi-Faceted Radiology Simulation Curriculum to Meet the Needs of a Competency Based Learning Environment

HP113-ED-X (Digital Education Exhibit)

E-Course Design Made Easy: Steps to Create an Interactive, Video-Rich Computerized Training Module

HP114-ED-X (Digital Education Exhibit)

Applying the NCQA Patient-Centered Specialty Practice Framework to Radiology

HP115-ED-TUA6 (Tue, 12:15-12:45 PM, Station #6)

Contrast-induced Nephropathy (CIN): The Past, Present, and Future

HP116-ED-TUB6 (Tue, 12:45-1:15 PM, Station #6)

Gadolinium Deposition in Brain: From an Unknown Unknown to a Known Unknown

HP117-ED-X (Digital Education Exhibit)

Into the Bush: Developing a Radiology Curriculum in Tanzania, Africa

HP118-ED-X (Digital Education Exhibit)

Imaging Biomarkers: Understanding the Concept and Context of Use

HP119-ED-X (Digital Education Exhibit)

CT Protocol Quality Control Using Semi-Automated Management Software: Why Does It Matter and Why Should I Do It?

HP120-ED-X (Digital Education Exhibit)

Key Trends and Valuation Considerations in the Changing Radiology Landscape

HP121-ED-X (Digital Education Exhibit)

Operational Logs of Events: Data That Can Be Used For Operational Improvement in a Radiology Practice

HP122-ED-X (Digital Education Exhibit)

How to Establish a Multivendor DECT Practice in a Multispecialty Institution

HP123-ED-X (Digital Education Exhibit)

Cost-Effectiveness Analysis: A Primer for the Radiologist

HP124-ED-X (Digital Education Exhibit)

Cognitive Bias and Diagnostic Errors: Improving Quality Through Metacognition

HP125-ED-X (Digital Education Exhibit)

What Radiologists Can Learn from Pathologists about Second Opinions, Double Reading, and QA: A Cross-Disciplinary Conversation about Error Reduction

HP126-ED-X (Digital Education Exhibit)

Between Mini-Fellowships to the Job Search: How Trainees Might Approach Recent Changes from the American Board of Radiology

HP127-ED-X (Digital Education Exhibit)

Barriers to Safety Event Reporting: Authority Gradients and Other Human Factors

HP128-ED-X (Digital Education Exhibit)

CMS Open Payments: What is the Sunshine Act Illuminating?

HP200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

GI Fluoroscopy by the Numbers from 2000-2015: A Guide to What We Should Still Be Teaching

HP201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Cost-Effective Analysis of the Available Methods for Intra-Articular Glenohumeral Steroid Injection in Patients with Adhesive Capsulitis

HP202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

Role of Family Obligation Stress on the Breast Health Seeking Behavior of Ugandan Women

HP203-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Pedal to the Metal: Under Desk Cycles in Radiology

HP204-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

The Impact of Resident Faculty Reviews on Resident Education: The Attendings' Perspective

HP205-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)

Assessing No-Show Risk using Modality-Specific Predictive Models

HP206-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

The Use of Mobile Apps by Radiology Journals

HP207-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Patients' Perceptions to a CT Examination Across Different Ethnic Backgrounds

HP208-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)

The Public Response to the ACGME's Recently Announced Relaxed Resident Duty Hour Restrictions

HP209-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)

The Recent Upturn in Utilization Rates of Diagnostic Imaging: Could This Be the Start of a New Trend?

HP210-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)

A Multi-Dimensional Benchmarking Study to Support the Examination of Cost-Effectiveness of Radiology Departments

HP211-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)

Strategies to Cope Claustrophobia during Magnetic Resonance Imaging Examination

HP212-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)

Differences in Applicant and Resident Perceptions of the Most Important Aspects of a Radiology Residency Program

HP213-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)

Efficiency in the Use of Radiology Resources as Compared Between Attendings with Academic Responsibilities and Non-Academic Hospitalists

HP214-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)

Education Effect of Radiology Clinical Decision Support

HP215-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)

Appropriateness of MRI Exams by American College of Radiology and Canadian Association of Radiologists Guidelines

HP216-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)

Gender Bias and the Hiring Process in Academic Radiology

HP217-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)

Historic PQRS Reporting by Radiologists: A Wake-up Call to Avoid Penalties Under MACRA

HP218-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)

Cost Effectiveness Analysis in Radiology: Review of Methods and Future Directions

HP219-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)

Implementing Contrast Reaction Management Training for Residents through High-Fidelity Simulation

HP220-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)

Info-RADS: Explaining Next Steps for Patients in Radiology Reports

HP221-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)

Nausea and Vomiting after Exposure to Non-ionic Contrast Media: Prevalence and Risk Factors

HP222-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)

Needlestick Injuries in Interventional Radiology are Common and Under Reported

HP223-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)

Clinical Benefit Evaluation of Retrospective Spectral Workflow Using a Dual-Layer Spectral CT

HP224-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Optimizing Automatic Electronic Release of Imaging Results through an Online Patient Portal: A Discrete Choice Conjoint Experiment

HP225-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Evaluating Quality and Performance in Radiology Departments: Benchmarking Against International Standards and Peer Comparison Analysis

HP226-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Causative Genetic Mutation in Patients with Severe Adverse Reaction to Contrast Media Used in Computed Tomography (CT)

HP227-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Two-Step Predictive Modelling of Inpatient Admission and Costs in Patients with Acute Diverticulitis Using CT and Clinical Findings

HP228-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Justification of Breast Cancer Staging: Implications for Patient Safety and Radiologist Workload

HP229-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Population Based Health Engagement Opportunities Through Mammography Screening: A Population-Based Cross Sectional Survey

HP230-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Detecting Quality Concerns in Radiology Reports

HP231-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Ocular Health Amongst Radiologists: Is There More That Meets the Eye?

HP232-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
How the US News 'Honor Roll' Hospitals are Projected to Fare Under the Inpatient Prospective Payment System (IPPS) in 2017

HP233-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Ordering of Stat and Routine CT and MR in ED and Hospital: Crying Wolf or Really Urgent?

HP234-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
An Optimal Prophylactic Strategy to Prevent the Recurrence of Iodinated Contrast Media Hypersensitivity: A Retrospective Cohort Study of Patients Experiencing Mild Immediate Reaction

HP235-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Early Exposure Improves Medical Student Perceptions on Female and Minority Physician Inclusion in Interventional Radiology

HP236-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Performance of Nation's Hospitals on Medicare's Outpatient Imaging Measures

HP237-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Systematic Screening for Environmental and Behavioral Determinants Identifies Factors Detrimental to Skeletal Health

HP238-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Impact of a Private Health Insurer's Coronary Computed Tomography Angiography Coverage Decision

HP239-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Innovative Educational Tools Transform Anatomy Teaching: Integration of a Radiology Mobile App into First-Year Undergraduate Anatomy

HP240-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Impact of Case-Based Radiology Education on First-Year Medical Students Knowledge, Perceptions, and Interests in the Field of Radiology

HP241-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Reporting of Imaging Diagnostic Accuracy Studies: Baseline Adherence to STARD 2015 and Guidance for a STARD Imaging Extension

Informatics

IN001-EC-X (Custom Application Computer Demonstration)
Computed Tomography Virtual Simulation in Radiology Technology Students

IN002-EC-TUB (Tue, 12:45-1:15 PM, Custom Application Computer Demonstration)
Standing on the Shoulders of Giants: State-of-the-Art Deep-Learning Super-Resolution Imaging for Radiology

IN003-EC-SUA (Sun, 12:30-1:00 PM, Custom Application Computer Demonstration)
TEMPO: Open-Source Web App for Creating Radiology Reports with Pre-Populated Values from Technologists and Machine Learning Applications

IN004-EC-TUA (Tue, 12:15-12:45 PM, Custom Application Computer Demonstration)
Design and Implementation of an Integrated Radiation Exposure Monitoring System Used in a Tertiary Care Hospital

IN005-EC-THB (Thu, 12:45-1:15 PM, Custom Application Computer Demonstration)
ViSion Structured Reporting Empowered with NLP to Enhance the User Experience

IN007-EB-X (Hardcopy Backboard)
Anonymization of Images with RSNA Clinical Trial Processor for Research

IN008-EB-X (Hardcopy Backboard)
Protocols Imaging Studies with 3D Prints in Mind

IN009-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)
DICOM Anonymization Challenges in Clinical Trials: A Perspective from the NCI NCTN

IN010-EB-X (Hardcopy Backboard)
3D Printing for Treatment Planning: Transseptal Mitral Valve Replacement Case Studies

IN011-EB-X (Hardcopy Backboard)
Recent Advances of Deep Learning Methods for Pulmonary Image Analysis: Do We Always Need Precisely Labeled Training Samples?

IN012-EB-X (Hardcopy Backboard)
Cardiovascular 3D Printing: Ready for Prime Time?

IN101-ED-X (Digital Education Exhibit)
What Do We Do Now?: Integrating Multi-Vendor PACS for an Expanding Hospital System

IN102-ED-X (Digital Education Exhibit)
Contextual Radiology Reporting: A New Approach to Structured Templates

IN103-ED-X (Digital Education Exhibit)
Hands-Off Approach to Interventional Radiology: A Review of Intra-procedural Touchless Image Manipulation Technology

IN104-ED-X (Digital Education Exhibit)
Shawn and Mike's Excellent Adventure: Bringing PowerPoint Case Conferences into the 21st Century with Free Interactive Tools

IN105-ED-X (Digital Education Exhibit)
Programming for Radiologists: How to Actualize What You Want in Your Computer

IN108-ED-X (Digital Education Exhibit)
Utilization of Apps on Mobile Electronic Devices: Evolution of New Trends in Radiology Trainee Education

IN109-ED-X (Digital Education Exhibit)
MRISIM: A Software for Virtual MRI Data Acquisition and Image Reconstruction

IN110-ED-X (Digital Education Exhibit)
Can AI Generate High-Resolution Images While Reducing Radiation Exposure Dose in Chest CT?: Application of Deep-Learning Super-Resolution Imaging in Chest CT

IN111-ED-MOA5 (Mon, 12:15-12:45 PM, Station #5)
3D Organ Printing for Dummies: 5 Steps to Success

IN112-ED-X (Digital Education Exhibit)
Creation and Application of 3D Augmented Reality Cancer Models for Use in Abdominal Surgery

IN113-ED-X (Digital Education Exhibit)
The Potential Role of Facebook as the Ideal Medium for Global Medical Education: Current Practices and Future Directions

IN114-ED-X (Digital Education Exhibit)

Real-time Radiographic Simulator Based on a General Purpose Motion Sensor for the Education and Training of Less-experienced Radiology Personnel

IN115-ED-X (Digital Education Exhibit)

Radiology Engagement Project (REP): A Novel Online Tool for Public Health Engagement Using Radiology

IN116-ED-X (Digital Education Exhibit)

How Advanced is Advanced Imaging?: A Mixed Reality Primer for Radiologists

IN117-ED-MOB5 (Mon, 12:45-1:15 PM, Station #5)

Lung Nodules Volumetry: State of Art and Technical Pitfalls

IN118-ED-X (Digital Education Exhibit)

3D Imaging in Radiology: What a Long Strange Trip It's Been

IN121-ED-X (Digital Education Exhibit)

Crossing the Streams: Using Informatics to Catalyze Health Services Research in Medical Imaging

IN200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Bridging the Radiation Oncology and Diagnostic Radiology Communication Gap: A Survey to Determine Usefulness and Optimal Presentation of Radiotherapy Treatment Plans for Radiologists

IN201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Electronic Follow-Up Radiology Application (eFRA): Improving Patient Care

IN203-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Density Estimation and Automated Quality Control in Digital Mammography Using Deep Learning

IN204-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

In-house Fabrication of a Mandibular Cutting Jig

IN205-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)

A Prototype Assembled Multi-Layer 3D Printed Interventional Phantom for Fluoroscopic-Guided Shoulder Arthrography?

IN206-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Deep Neural Networks to Identify and Localize Intracerebral Hemorrhage and Midline Shift in CT Scans of Brain

IN207-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

Low-Cost, High-Precision 3D Printed Models for Surgical Simulation in Lateral Skull Base Surgery

IN208-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Utilization of Electroencephalogram Signals and Gaze Points for Manipulation of Image Display in Operating Rooms

IN209-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)

Social Networking: New Horizons and Our Experiences from Development of a Social Network for Radiology

IN210-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)

Lung Cancer Screening CT Awareness Campaign: Using Social Media and Search Engine Outreach Efforts to Increase Awareness and Patient Engagement

IN211-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)

Lung Movement Analysis Based on Deformable Registration for Assessment of the Elasticity of the Lungs in Interstitial Lung Diseases Patients

IN212-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)

A Machine Learning System for Radiomics-Based Solitary Brain Tumor Classification

IN213-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)

Individual Emergency Department Practitioner Variability of CT Pulmonary Angiography: An Examination Yield Assessment Framework

IN214-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)

Improving Radiology Education by Automated Test-Item Generation Enabled Retrieval Practice

IN215-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)

Augmented Reality for Surgical Planning of Superior Semicircular Canal Dehiscence

IN216-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)

CT Image Retrieval Based on Morphological Similarity: Initial Clinical Trial for Diffuse Lung Diseases

IN217-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)

Construction of Patient-Specific Imaging Phantoms Using a Desktop 3D Printer and Customized Filaments with a Wide Range of Radiodensities

IN218-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Radiation Dose Reduction in Digital Chest Radiography with New Spatial Noise Reduction Algorithm: Semi-Anatomical and Anthropomorphic Chest Phantom Studies

IN219-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
A Practical Method for Reducing Provider Radiation Exposure When Patient Assistance is Necessary in the Scanning Room: Move to the Side of the Gantry

IN220-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Effect of Metal Hardware on Radiation Exposure during Fluoroscopy-Guided Epidural Steroid Injection

IN221-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Toward Patient-specific Micro-catheter Design using 3D Printing and Soft Robotics Technology

IN222-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Radiomics and Radiogenomics Analysis of Large Collection of Tuberculosis Data with TB DEPOT

IN223-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Initial Experiences from an Integrated National Picture Archiving and Communication System: Improved User Experience and Patient Outcomes

IN224-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Increased Matrix Size for Preserving Spatial Resolution in Full Field of View CT Imaging

IN226-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Automated Multi-Vertebrae and Disc Delineation for MR and CT Spinal Images

IN228-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Associations of Clinical Physiological Index from Pulmonary Function Tests with Quantitative Scores from HRCT Image Using Texture Features in Subjects with Idiopathic Pulmonary Fibrosis compared to Scleroderma-related Interstitial Lung Disease

IN230-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Quantitative MRI Texture and Shape Analysis: Which Features Can Predict Metastases in Patients with Soft-Tissue Sarcomas of the Extremities?

IN231-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Use of Multiphasic Contrast-enhanced MR and ADC Histogram Derived Parameters as Predictors in Differentiating Clear Cell from Papillary Renal Cell Carcinoma and Oncocytoma

IN232-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Quantitative Imaging Assessment for Clinical Trials in Oncology

IN233-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Computer-Aided Diagnosis and Three-Compartment Breast Imaging for Classification of Mammographic Breast Masses

IN234-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Positron Emission Tomography (PET) Tumor Penumbra Radiomics for Prediction of Survival in Non-Small Cell Lung Cancer: A Pilot Study

Informatics Demonstrations

IN300
3D Printing and Virtual Reality Showcase

IN301
Computer Assisted Radiology and Surgery (CARS)

IN302
The Society for Imaging Informatics in Medicine (SIIM)

IN304
National Cancer Institute Image Perception Lab

Informatics Machine Learning

Demonstrations

ML004
RSNA Deep Learning Classroom

ML005
Crowds Cure Cancer: Help Annotate Data from The Cancer Imaging Archive

Posters and Exhibits

ML006
Invited poster

ML007
Invited poster

ML008
Invited poster

ML009
Invited poster

ML010
Invited poster

ML011
Invited poster

ML012
Invited poster

ML001-EB-X (Hardcopy Backboard)
Machine Learning Techniques for Automated Accurate Organ Segmentation and Their Applications to Diagnosis Assistance

ML002-EC-X (Custom Application Computer Demonstration)
Ensemble Deep Learning of Computer-aided Detection for Colon Cancer Screening in CT Colonography

ML003-EC-SUA (Sun, 12:30-1:00 PM, Custom Application Computer Demonstration)
Machine Learning: A Primer for Radiologists

ML100-ED-X (Digital Education Exhibit)
Practical Guide to Using Deep Learning for Computer Vision Research in Radiology

ML106-ED-X (Digital Education Exhibit)
What Was Changed in Machine Learning (ML) in Medical Image Analysis After the Introduction of Deep Learning?

ML107-ED-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Will You Be Assimilated? Machine Learning, Radiomics, and their Implications for Radiologists

ML119-ED-X (Digital Education Exhibit)
Countdown to Radiology 4.0 in Thoracic Radiology: Human and/or Machine Radiologist

ML120-ED-X (Digital Education Exhibit)
Deep Learning Applications in Radiology, Recent Developments, Challenges and Potential Solutions

ML122-ED-X (Digital Education Exhibit)
Machine Learning for Image and Report Data: What We Know, What We Don't, and What We Can Learn

ML202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Deep Learning for Rapid, Accurate, Automated Detection & Characterization of Intracranial Hemorrhage on Unenhanced Head CT, Using a Small Training Set

ML225-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Automatic Detection of Pulmonary Emboli by 3D Convolutional Neural Networks

ML227-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Machine Learning based Classification of Glioma Subtypes Characterized by MR Radiomics

ML229-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
A Preliminary Study of Bone Age Assessment Using Deep Learning for Clinical Application

ML235-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Radiogenomics in Meningioma: Associations between Radiographic Features and Chromosome Copy Number Variation

Molecular Imaging

MI001-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)

Clinical Translation of Optoacoustic Imaging: What a Radiologist Needs To Know

MI002-EB-X (Hardcopy Backboard)

GA-Dotatate Scan Vs Standard Imaging Techniques in Detection of Neuroendocrine Tumors, Recurrence and Metastasis: A Multimodality Comparison

MI003-EB-X (Hardcopy Backboard)

Oncological Applications of 18Fcholine PET/CT: Indications and Pitfalls with Illustrative Case Examples

MI004-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)

Optimizing Clinical Care and Drug Development in the New Era of Immune Oncology through Virtual Imaging Biopsies of the Tumor Microenvironment

MI100-ED-X (Digital Education Exhibit)

How Imaging Can Assess Cancer Biology and the Tumor Microenvironment

MI101-ED-X (Digital Education Exhibit)

PET/CT and PET/MRI in the Diagnosis and Management Primary Osseous Tumors of the Spine: An Interactive Review

MI102-ED-X (Digital Education Exhibit)

Neuroendocrine Tumors: Spectrum of Imaging Appearances on Ga68 DOTA- NOC PETCT

MI103-ED-X (Digital Education Exhibit)

18F-Fluoromisonidazole PET/CT for Assessment of Tumor Hypoxia: Current Concepts and Case Examples

MI104-ED-X (Digital Education Exhibit)

FDG-PET in Infections and Inflammatory Pathologies Associated with Cardiovascular Diseases

MI105-ED-X (Digital Education Exhibit)

Hyperpolarized ¹³C Magnetic Resonance Spectroscopic Imaging: What's the Benefit from Knowing This?

MI106-ED-X (Digital Education Exhibit)

Biomarker Imaging And Radiomics of Gliomas in The Era Of Personalized Cancer Medicine: Current Evidence and Future Directions

MI107-ED-X (Digital Education Exhibit)

Revisiting Prostatic Cancer Recurrence with PSMA PET Imaging: An Atlas of Typical and Atypical Spread of Neoplastic Disease

MI108-ED-X (Digital Education Exhibit)

Precision Imaging Biomarkers for Enhanced Detection and Characterization of Primary and Metastatic Hepatic Tumors

MI109-ED-X (Digital Education Exhibit)

Indications, Imaging Patterns and Advantages of 18F-FDG PET/CT in Identification and Management of Infectious and Inflammatory Diseases

MI110-ED-MOB3 (Mon, 12:45-1:15 PM, Station #3)

Superparamagnetic Iron Oxide Nanoparticles in Biomedicine: Applications and Developments in Diagnostics and Therapy

MI111-ED-X (Digital Education Exhibit)

Chemical Exchange Saturation Transfer (CEST) MRI: A Primer for Radiologists

MI200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

The Value of Zoomed Intravoxel Incoherent Motion Diffusion-weighted MR Imaging in Differentiating Pancreatic Carcinoma from Chronic Mass-like Type Pancreatitis

MI201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Targeting Cytochrome C of Mitochondria Double Functional Magnetic Resonance Probe Based on Magnetosomes

MI202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

Evaluating Glioma Grading Accuracy of a Multiparametric Nosologic Imaging Algorithm

MI203-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Correlation of CD31- and CD34-Based Microvessel Density and Percent Area Measurements against ¹³C-tert-butanol MRI Perfusion Mapping in a Sunitinib-Resistant RCC Xenograft

MI204-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

18F Flurothymidine versus 18F Flurodeoxyglucose Uptake Pattern in Benign and Malignant Lesions: A Case-Based Comparative Pictorial Review

MI205-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

An All-in-One Nanoparticle Contrast Agent for Breast Cancer Detection via CT-DEM-MRI-NIRF Multimodality Imaging

MI206-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Quantitative Evaluation of Gd-EOB-DTPA Uptake in Focal Liver Lesions by Using T1 Mapping: Differences between Hepatocellular Carcinoma, Hepatic Focal Nodular Hyperplasia and Cavernous Hemangioma

MI207-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)

Development of a Fluorescent Glucose Analogue via Click Chemistry for Imaging Sodium-Dependent Glucose Transporters in Cancer

MI208-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)

Whole-Body MR Findings in Lipodystrophy: Case Series

MI209-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
PET Imaging of a Novel HER3 Peptide Selected by Phage Display

MI210-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Comparative Evaluation of Gallium-68 DOTATATE PET and In-111 Pentetreotide Whole-Body with SPECT-CT in Clinically Stable Neuroendocrine Tumors

MI211-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Imaging Large Vessel Vasculitis in Contrast-Enhanced FDG PET/CT: Which Imaging Parameter Reflects the Disease Activity Best?

MI212-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
PET/MR of Biliary Malignancies: Impact on Treatment Planning

MI213-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
18F-FDG-PET/CT for Monitoring a BRAF-/- and CDK4/6-Inhibitor Combination Therapy in Experimental Malignant Melanomas

MI214-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Evaluation of Diagnostic Accuracy of Gallium-68 DOTATATE PET-MRI Hybrid Imaging in Staging and Restaging Neuroendocrine Tumors

MI215-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
A Dual-functional Agent for Hepatic Fibrosis Diagnose Triggered by Synergistic Magnetic Resonance and Near-Infrared Imaging

MI216-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Chemical Exchange Saturation Transfer (CEST) Imaging vs Diffusion-Weighted Imaging vs FDG-PET/CT: Single- and Multiparametric Approach for Diagnosis of Pulmonary Nodules

MI217-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Fluorescence Molecular Imaging of Cathepsin Activity as a Novel Biomarker for Giant Cell Arteritis

MI218-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Radiogenomic Correlation of Key Magnetic Resonance Imaging Features with Key Genes and Pathways in Hepatocellular Carcinoma: The Cancer Imaging Atlas Dataset

MI219-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Detection of Bone Metastases through Diffusion-Weighted Whole-Body Imaging with Background Body Signal Suppression (DWIBS) Compared with PET/CT 18F-NaF

MI220-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Correlation Analysis of DCE-MRI, DKI and the Expression of KRAS Gene in Rectal Cancer

MI221-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Correlation between Blood Flow of Arterial Spin Label and Standardized Uptake Values in 18F-FDG Integrated PET/MR: Preliminary Results in Oral Cancer

MI222-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Estimating Targeting and Therapeutic Efficacy of Erlotinib-Conjugated Iron Oxide Nanoparticles in Lung Cancer by Quantitative MRI and NF- κ B Reporter Gene System

MI223-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Whole-Body Integrated PET/MR Imaging in Patients with Suspected Recurrent Prostate Cancer after Radical Prostatectomy: Comparison to Whole Body PET/CT as the Standard of Reference

Multisystems/Special Interest

MS001-EB-X (Hardcopy Backboard)

The Many Uses of Opposed-Phase Imaging in Body MRI

MS002-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)

Something Just Isn't Right: Recognizing Signs of Malpositioned Lines, Tubes, and Metallic Devices

MS003-EB-X (Hardcopy Backboard)

Multimodality Imaging Evaluation of Disseminated Tuberculosis: Radiologic-Pathologic Correlation

MS004-EB-X (Hardcopy Backboard)

Quantitative Multi-Energy Computed Tomography: How to Assure Accuracy and Develop a Quality Control Program

MS005-EC-X (Custom Application Computer Demonstration)

Cinematic Rendering: Principles, Applications and Observations in CT

MS006-EB-X (Hardcopy Backboard)

Oops! I Thought it Was a Tumor: Imaging Spectrum of Pseudotumors

MS007-EB-X (Hardcopy Backboard)

Images in the Scientific or Education Presentations: How to Prepare Them

MS100-ED-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Klippel-Trenaunay Syndrome: Spectrum of Imaging Findings

MS101-ED-X (Digital Education Exhibit)

Diffusion-weighted Whole Body MR Imaging in Oncology: Current Status and Future Prospective

MS102-ED-X (Digital Education Exhibit)

Shock and Awe: Implantable Pulse Generators and Their Uses From Head to Sacrum

MS103-ED-X (Digital Education Exhibit)

Dual Pronged Attack: Disease Processes that Strike the Heart and Lungs

MS104-ED-X (Digital Education Exhibit)

Lessons Learned from Peer Review at a Cancer Center: Common Blind Spots and Misses in Oncologic Imaging

MS105-ED-X (Digital Education Exhibit)

Histiocytosis Revisited: A New Look of Our Friend Under the Light of Genomic Discoveries

MS106-ED-X (Digital Education Exhibit)

Syndromes and Unusual Imaging Associated with Germ Cell Tumors

MS107-ED-X (Digital Education Exhibit)

Secondary Hypertension and Complications: Diagnosis and Management: Role of Imaging

MS108-ED-X (Digital Education Exhibit)

More than a Gyn Consult: A Review of Non-Gynecologic Causes of Pelvic Masses

MS109-ED-X (Digital Education Exhibit)

From Conventional Chemotherapy to Novel Immunotherapies: An Image-based Itinerary of Response Patterns in Lung Cancer

MS110-ED-X (Digital Education Exhibit)

Imaging Challenges in Radiomics: CT Protocol Optimization and Technical Limitations in Textural Analysis for Oncologic Assessment of Solid Tumors

MS111-ED-X (Digital Education Exhibit)

Patient-Centered Approaches to Incidental Findings

MS112-ED-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Keeping Your Eye on the Nontarget: Pearls and Pitfalls of RECIST v1.1 Nontarget Lesion Assessment

MS113-ED-X (Digital Education Exhibit)

All You Need to Know About Turner Syndrome

MS114-ED-X (Digital Education Exhibit)

Imaging of HIV Related Malignancies: Diagnostic Workup and Patterns of Involvement with Impact on Management

MS115-ED-X (Digital Education Exhibit)

TB or not TB: Pictorial Essay of Tuberculosis and its Common Mimics

MS116-ED-MOA1 (Mon, 12:15-12:45 PM, Station #1)

Turning it Up to Eleven: Imaging Appearances of Too Much (and Too Little) Heavy Metal in Pathology, Diagnosis, and Therapy

MS117-ED-X (Digital Education Exhibit)

Are You In or Out?: Applications of Chemical Shift Imaging in the Chest and Abdomen

MS118-ED-X (Digital Education Exhibit)

Multicenter Experience with the First Dual-layer Detector Spectral CT

MS119-ED-X (Digital Education Exhibit)

From Dust to Pixel: Unravelling the Secrets of Afterlife on Virtual Autopsy

MS120-ED-X (Digital Education Exhibit)

Imaging Findings in IgG4-Related Disease: What Radiologists Need to Know

MS121-ED-MOB1 (Mon, 12:45-1:15 PM, Station #1)

Can We Blame Our Genes for All Cancers? A Radiologist's Primer on Common Hereditary Cancer Syndromes

MS122-ED-X (Digital Education Exhibit)

Pelvic Space Tumors: Anatomy of Pelvic Spaces and Pattern-based Approach to Guide Imaging Diagnosis: How the Radiologist Can Help with the Treatment Plan

MS123-ED-X (Digital Education Exhibit)

Paracoccidioidomycosis from Head to Toe

MS124-ED-TUA1 (Tue, 12:15-12:45 PM, Station #1)

Role of MRI in Thalassemia

MS125-ED-X (Digital Education Exhibit)

Secondary Malignancies After Hematopoietic Stem Cell Transplantation: A Comprehensive Imaging Review

MS126-ED-X (Digital Education Exhibit)

Extramedullary Haematopoiesis: Understanding How the Haematopoietic Tissue Plays Away from Home

MS127-ED-X (Digital Education Exhibit)

Succinate Dehydrogenase Deficient Tumours: Pathophysiology, Imaging Features and Follow-up Recommendations

MS128-ED-X (Digital Education Exhibit)

What the Radiologist Needs to Know About the MR Safety of Medical Implants

MS129-ED-X (Digital Education Exhibit)

Sheep in Wolves' Clothing: Benign Mimics of Cancer in the Abdomen and Pelvis

MS130-ED-X (Digital Education Exhibit)

Magnetic Susceptibility: An Absolute Beginner's Guide to Quantitative Susceptibility Mapping (QSM)

MS131-ED-X (Digital Education Exhibit)

Burned Bodies: The Postmortem Computed Tomography (PMCT), An Essential Tool for the Modern Forensic Medicine

MS132-ED-X (Digital Education Exhibit)

Cysticercosis: The Great Masquerader Revisited Beyond the Nervous System

MS133-ED-X (Digital Education Exhibit)

Multisystem Imaging Manifestations of Immune-Related Adverse Effects in Check-Point Inhibitor Therapies: A Primer for the Radiologist

MS134-ED-X (Digital Education Exhibit)

The Great Mimic: The Versatility of Tuberculosis in the Age of Immunodeficiency

MS135-ED-X (Digital Education Exhibit)

Multisystem Hydatid Disease: A Review of Atypical Organ Involvement and Unusual Imaging Appearances

MS136-ED-X (Digital Education Exhibit)

Aesthetic Implants: Imaging from Head to Toe

MS137-ED-X (Digital Education Exhibit)

Volumetric Analysis at abdominal CT: Oncologic and Non-neoplastic Applications

MS138-ED-X (Digital Education Exhibit)

Out of Place Tissues and Pathologies: Seek and You Shall Find!

MS139-ED-X (Digital Education Exhibit)

Approach to Radiological Diagnosis of Common and Uncommon Skin and Subcutaneous Neoplasms: The Good, the Bad and the Ugly

MS140-ED-X (Digital Education Exhibit)

Location is Everything: Anatomical Approach to the Diagnosis of Abdominal Soft Tissue Sarcomas

MS141-ED-TUB1 (Tue, 12:45-1:15 PM, Station #1)

Cancer Immunotherapies Made Simple!

MS142-ED-X (Digital Education Exhibit)

Metabolism Gone Awry: A Comprehensive Review of Oncometabolites-Induced Malignancies

MS143-ED-X (Digital Education Exhibit)

Lymphoma: More than Nodes

MS144-ED-X (Digital Education Exhibit)

Don't Burst My Bubble! Contrast-enhanced Ultrasound: Techniques and Clinical Applications

MS145-ED-X (Digital Education Exhibit)

Contrast-Enhanced US: Problem-solving Beyond Hepatic and Renal Tumors

MS146-ED-X (Digital Education Exhibit)

Technological Development for Improving Spatial Resolution in CT Images and Its Whole-body Clinical Impact: What the Radiologist and Radiological Technologist Needs to Know

MS147-ED-X (Digital Education Exhibit)

Succinyl Dehydrogenase Mutations: Paraganglioma Imaging and At-risk Population Screening

MS148-ED-X (Digital Education Exhibit)

How Cognitive Biases Make Us Deaf, Dumb and Blind: Perceiving Errors in Radiology

MS149-ED-X (Digital Education Exhibit)

Something in Common: Diseases Affecting the CNS and Cardiopulmonary Systems

MS150-ED-X (Digital Education Exhibit)

The Many Faces of Tuberculosis in a Cosmopolitan Setting: TB Can Do Anything!

MS151-ED-X (Digital Education Exhibit)

Liposarcoma: From Chest to Toe

MS152-ED-X (Digital Education Exhibit)

Hidden Hosts: Imaging of Parasitic Disease

MS153-ED-WEA1 (Wed, 12:15-12:45 PM, Station #1)

Understanding Tumor Response Criteria - RECIST 1.1, irRC and irRECIST: Radiologists and Oncologists Perspective

MS154-ED-X (Digital Education Exhibit)

Radiographic Appearance of Retained Surgical Foreign Bodies

MS155-ED-X (Digital Education Exhibit)

Endocrine Hypertension: What the Radiologist Needs to Know

MS156-ED-X (Digital Education Exhibit)

Hyperechoic Lesions in Abdomen: What is the Differential Diagnosis and What to Recommend in Different Abdominal Organs

MS157-ED-X (Digital Education Exhibit)

Don't Panic!: Test Your Knowledge of Lymphoma's Lugano Classification

MS158-ED-X (Digital Education Exhibit)

Rebound of the Sound: Emerging Role of Quantitative Ultrasound in the Rising Importance of Clinical Ultrasound in the USA

MS159-ED-THA1 (Thu, 12:15-12:45 PM, Station #1)

A Systematic Approach of Abdominal Involvement in Lymphoproliferative Disorders

MS160-ED-X (Digital Education Exhibit)

Mischiefous Masses in the Abdomen and Pelvis: Pearls and Pitfalls in Differentiating Benign from Malignant

MS161-ED-X (Digital Education Exhibit)

Greater Sciatic Foramen: Anatomy, Pathology, and Intervention

MS162-ED-X (Digital Education Exhibit)

Alcohol-induced Diseases of Various Organs: Cross-sectional Imaging Findings

MS163-ED-X (Digital Education Exhibit)

Imaging Findings of Methotrexate-Associated Lymphoproliferative Disorders: What the Radiologist Should Know

MS164-ED-X (Digital Education Exhibit)

Stay Hungry, Stay Foolish: A Review of Uncommon Molecular Targeted Therapy Toxicities for the Radiologist

MS165-ED-X (Digital Education Exhibit)

You've Got a Lot of Nerve! MR Imaging of Enlarged Central and Peripheral Nerves

MS166-ED-X (Digital Education Exhibit)

Who Am I?: Foreign Bodies, Devices, and Their Complications

MS167-ED-THB1 (Thu, 12:45-1:15 PM, Station #1)

Imaging Approach to Infiltrative Lesions of the Pelvic Cavity

MS168-ED-X (Digital Education Exhibit)

The Joker of Pelvic MRI: 3D T2-Weighted Sequence beyond Gynecology

MS169-ED-X (Digital Education Exhibit)

Tuberculous Emergencies from Head to Toe: Imaging Manifestations and Clinical Implications

MS170-ED-X (Digital Education Exhibit)

Silicone Sculpting: Multimodality Imaging Review of Normal and Aberrant Imaging Findings with Attention to the Innovative Role of Dual-Energy and Spectral CT

MS171-ED-X (Digital Education Exhibit)

Opportunities and Challenges of Whole Body PET/MRI: A Multisystem Approach in Evaluating Oncologic Disease

MS172-ED-X (Digital Education Exhibit)

A "Hairy" Situation: Abdominal Imaging in Erdheim-Chester Disease

Musculoskeletal

MK001-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)

SAPHO Syndrome: A Rare Radiological Entity

MK002-EB-X (Hardcopy Backboard)

Imaging of Pediatric Bone Infection: Lessons from a Tertiary Referral Centre

MK003-EB-X (Hardcopy Backboard)

High-resolution US of Cutaneous Branches: Lower Extremity

MK004-EB-X (Hardcopy Backboard)

High-resolution Ultrasound (US) Findings in Skin Malignancies

MK005-EB-X (Hardcopy Backboard)

Imaging Findings in Merkel Cell Carcinoma (MCC)

MK006-EB-TUB (Tue, 12:45-1:15 PM, Hardcopy Backboard)

Beyond Typical Tendinopathy, Ultrasound of Accessory Muscles of the Hind Foot: What We Should Not Forget to Look For

MK007-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)

Imaging Findings of Digital and Extradigital Glomus Tumors

MK008-EB-X (Hardcopy Backboard)

Pain in First Metatarso-Phalangeal Joint: What Radiologists Should Know

MK009-EB-X (Hardcopy Backboard)

Imaging Assessment of Volleyball Injuries

MK010-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)

High-resolution Sonography of Cutaneous Branches: Upper Extremity

MK011-EB-X (Hardcopy Backboard)

MRI and Ultrasound of Dorsal Hand and Wrist: Normal and Pathologic Findings

MK012-EB-X (Hardcopy Backboard)

Reducing the Pediatric Radiation Dose and Breast Cancer Risk in Radiography for Scoliosis

MK013-EB-X (Hardcopy Backboard)

Calcific Tendinitis in Unusual Locations: Useful Multimodality Imaging Approach for Radiologists

MK014-EB-X (Hardcopy Backboard)

Lumps and Bumps in the Wrist: Spectrum of Various Leading Cause

MK015-EB-X (Hardcopy Backboard)

Foot X-Rays in the Adult: How to Take Advantage of Them

MK016-EB-X (Hardcopy Backboard)

Diagnosing the Root Cause: Tips and Tricks to Avoid Overlooking Meniscal Root Tears on MRI

MK017-EB-TUB (Tue, 12:45-1:15 PM, Hardcopy Backboard)

DECT as a Problem-Solving Tool in the Assessment of the MSK System

MK018-EB-X (Hardcopy Backboard)

Radiological Approach to the Diagnosis of Primary Osteosarcomas

MK019-EB-X (Hardcopy Backboard)

Rheumatoid Arthritis Ultrasound Assessment Made Simple

MK020-EB-X (Hardcopy Backboard)

CT Fluoroscopy-Guided Drainage for Pyogenic Spondylodiscitis and Iliopsoas Abscesses: What You Need to Know Before You Start

MK021-EB-X (Hardcopy Backboard)

Necrotizing Fascitis of the Lower Extremity: Imaging Pearls and Pitfalls

MK022-EB-X (Hardcopy Backboard)

Radiologist Guide to the Diagnosis and Management of Coccydynia: A Pictorial Review

MK023-EB-X (Hardcopy Backboard)

High Resolution Hand MRI: What Should You Look for in Trauma of the Fingers?

MK100-ED-X (Digital Education Exhibit)

Frontliners: An Imaging Review of Anterior Knee Conditions and Common Sources of Anterior Knee Pain, Related Pathologies and Differential Diagnoses

MK101-ED-X (Digital Education Exhibit)

From A to CYST: Imaging Review, Associated Pathologies and Differential Diagnoses of Soft Tissue and Intraosseous Cysts with Emphasis on Location and Etiology

MK102-ED-X (Digital Education Exhibit)

The Great Toe: A Case Based Review of 1st Digit Anatomy and Pathology

MK103-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)

A Funny Thing Happened on the Way to the Sternum

MK104-ED-X (Digital Education Exhibit)

Musculoskeletal 'Don't Touch' Lesions: Avoiding Pitfalls - A Multimodality Approach

MK105-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Musculoskeletal Coccidioidomycosis: An Illustrative Review

MK106-ED-X (Digital Education Exhibit)
Oh, Places Contrast Will Go! Interpreting Fluoroscopic Images Obtained During Injection Arthrography

MK107-ED-X (Digital Education Exhibit)
Sonography of the Suprascapular Nerve: From the Neck to the Shoulder

MK108-ED-X (Digital Education Exhibit)
High Contrast 3D CT Imaging Improves Imaging Performance for Tendons of the Wrist Joint

MK109-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Breaking Down Triangular Fibrocartilage Complex Injuries: Imaging Findings of TFCC Injury with Correlating Arthroscopic Appearances

MK110-ED-X (Digital Education Exhibit)
The Importance of Non Fat-Suppressed T1-Weighted Sequences in Musculoskeletal Magnetic Resonance Imaging

MK111-ED-X (Digital Education Exhibit)
Synovial Plica of the Knee with Radiologic: Arthroscopic Correlation

MK112-ED-X (Digital Education Exhibit)
Anterior Hip Pain in Young Athletes: A Differential Diagnosis Challenge

MK113-ED-X (Digital Education Exhibit)
Rectus Femoris: Where to Look? Multimodality Imaging with Illustrative Review of Anatomy Focusing in the Different Locations and Types of Injuries

MK114-ED-X (Digital Education Exhibit)
The Many Faces of the Cartilaginous Tumors

MK115-ED-X (Digital Education Exhibit)
Sacral Tumors and Mimics: A Stepwise Approach to the Diagnosis

MK116-ED-X (Digital Education Exhibit)
Calcium Hydroxyapatite Deposition Disease: The Spectrum of Findings

MK117-ED-X (Digital Education Exhibit)
Interventional Pain Management: A Primer For Radiology Residents and Perspective on the Importance of Radiological Interpretation

MK118-ED-X (Digital Education Exhibit)
Musculoskeletal Metastasis: Imaging Findings and Pathophysiological Correlation

MK119-ED-X (Digital Education Exhibit)
Radiology Can Be Stressful: A Review of Insufficiency Fractures

MK120-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Melorheostosis: An Imaging Review

MK121-ED-X (Digital Education Exhibit)
Comprehensive Review of Iliopsoas Compartment Pathologies

MK122-ED-TUB8 (Tue, 12:45-1:15 PM, Station #8)
Multimodality Imaging of Hind Foot Avulsion Fractures: Radiographic and Cross-Sectional Imaging Features and Pathophysiologic Implications

MK123-ED-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Facing Consequences of Elbow Dislocations: Imaging Findings of Recurrent Instability

MK124-ED-X (Digital Education Exhibit)
A Modality Based Primer on Musculoskeletal Imaging in Motion

MK125-ED-X (Digital Education Exhibit)
The Role of Imaging in Desmoid-type Fibromatosis

MK126-ED-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Elastofibroma Dorsi: Step by Step

MK127-ED-X (Digital Education Exhibit)
Overuse Knee Injuries: A Radiographic Review

MK128-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
Tips for Evaluating the Plantar Plate of the Metatarsophalangeal Joints in MRI: Normal and Pathological Findings

MK129-ED-X (Digital Education Exhibit)
Ultrasound of the Wrist and Hand: Examination Technique, Pathology and Common Pitfalls

MK130-ED-X (Digital Education Exhibit)
Ultrasound of the Ankle and Foot: Examination Technique, Pathology and Image-Guided Interventions

MK131-ED-X (Digital Education Exhibit)
Tendon Fiber Orientation and Insertional Anatomy: An Anatomical and Bio-mechanical Primer

MK132-ED-X (Digital Education Exhibit)
Talar Trauma: What the Orthopedist Wants to Know

MK133-ED-X (Digital Education Exhibit)
Musculoskeletal Measurement of Lower Extremity

MK134-ED-X (Digital Education Exhibit)
Using a Cannon to Kill a Mosquito: What Have We Learned So Far About Chikungunya's Effects in the Joints?

MK135-ED-X (Digital Education Exhibit)

Liposclerosing Myxofibrous Tumor: Unique Entity or Spectrum of Disease? Presentation of a Rare Case with Review of Imaging Features and Controversy

MK136-ED-X (Digital Education Exhibit)

Fat Chance for Hidden Lesions: Hoffa's Fat Pad Lesions (A Pictorial Essay)

MK137-ED-X (Digital Education Exhibit)

Unravel the Ankle: Diagnostic Pearls and Pitfalls in MR Imaging of the Ankle

MK138-ED-X (Digital Education Exhibit)

Sac Attack: A 35-Slide Guide to Bursitis

MK139-ED-X (Digital Education Exhibit)

Spatial Frame External Fixation: Fundamentals and Utilization: A Primer for the Radiologist

MK141-ED-X (Digital Education Exhibit)

Isolated Popliteomeniscal Fascicles Lesion: A Under Recognized Condition of Knee Pain

MK142-ED-X (Digital Education Exhibit)

Whole Body MRI of Multiple Myeloma: Utilization as Both Diagnosis and Therapy Monitoring

MK143-ED-X (Digital Education Exhibit)

Shoulder Dislocation in the Elderly: Bad Trauma without All the Drama

MK144-ED-X (Digital Education Exhibit)

Evidence-Based Diagnosis of Periprosthetic Joint Infection After Hip and Knee Arthroplasty: What the Radiologist Needs to Know

MK145-ED-X (Digital Education Exhibit)

Lower Limb and Hip in Children and Adolescents: Lines, Angles and Measurements in Radiographs, CT and MR Images - A Pocket Guide

MK146-ED-X (Digital Education Exhibit)

Assessment of Cervical Alignment and Management Approach Based on Global Spinopelvic Balance, Degree of Cervical Kyphosis, Deformity Flexibility and Cervical Myelopathy Symptoms

MK147-ED-X (Digital Education Exhibit)

Meniscus Surgeries: Illustrative Review of Meniscal Tear Patterns, Repair and Replacement Options, and Imaging Evaluation and Findings

MK148-ED-X (Digital Education Exhibit)

MRI of the Wrist: What the Surgeon Needs to Know

MK149-ED-X (Digital Education Exhibit)

Dixon's Revival: MR Imaging Detection and Discrimination of Osseous Findings on Dixon Sequences

MK150-ED-X (Digital Education Exhibit)

Multimodality Evaluation of Paget Disease of Bone: From Incidental Finding To Unusual Locations and Complicated Disease - Key Findings

MK151-ED-X (Digital Education Exhibit)

Gluteoplasty in MRI: What Radiologists Should Know

MK152-ED-X (Digital Education Exhibit)

The British Athletics Muscle Injury Classification: MRI Pictorial Review in Professional Soccer Players

MK153-ED-X (Digital Education Exhibit)

Magnetic Resonance Imaging of Inflammatory Arthropathies

MK154-ED-THB6 (Thu, 12:45-1:15 PM, Station #6)

Think Different: Sorting Out Osteochondral Lesions of the Knee

MK155-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)

The Antibiotic Spacer: What Every Radiologist Should Know

MK156-ED-X (Digital Education Exhibit)

Post-traumatic Heterotopic Ossification: A Pictorial Review

MK157-ED-X (Digital Education Exhibit)

Cartilage Disease of the Knee with Direct Arthroscopic Correlation

MK158-ED-X (Digital Education Exhibit)

Imaging the Knee After Arthroplasty: What the Surgeon Wants to Know

MK159-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)

Knowledge in your "SHIRT Pocket": Imaging and Differential Diagnosis of Distal Clavicle Osteolysis

MK160-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)

When the Envelope Is Poisoned: A Guide to Fascial Diseases in the Extremities

MK161-ED-X (Digital Education Exhibit)

Simultaneous Dual Display of Sonography and 3D-MRI of the Hip: To Recognize the Detailed Hip Morphologies/Pathologies by Using Real-Time Virtual Sonography (RVS)

MK162-ED-X (Digital Education Exhibit)

Giant Cell Tumor of Bone: Imaging-Pathologic Correlation

MK163-ED-X (Digital Education Exhibit)

Musculoskeletal Manifestations of Morquio and Other Mucopolysaccharidoses

MK164-ED-X (Digital Education Exhibit)

Injuries of Lower Limbs in English Premier League Soccer and Rugby Players

MK165-ED-X (Digital Education Exhibit)

Gaucher Disease: Radiology Has a Pivotal Role in Diagnosis and Management of This Rare Disease

MK166-ED-MOB9 (Mon, 12:45-1:15 PM, Station #9)

All About the 1st Carpometacarpal Joint: Anatomy, Pathologic Conditions, and MRI Imaging

MK167-ED-X (Digital Education Exhibit)

Just Not That Hip: Postoperative Imaging Complications of Total Hip Arthroplasties

MK168-ED-X (Digital Education Exhibit)

Musculoskeletal Complications of Haemophilia: A Multi-Modality Imaging Review

MK169-ED-X (Digital Education Exhibit)

Skeletal Dysplasia - Overcoming the Phobia: Basic Working Algorithm for Every Radiology Resident

MK170-ED-X (Digital Education Exhibit)

MRI-Arthroscopy Correlation for Hip Anatomy and Pathology: A Teaching Guide

MK171-ED-X (Digital Education Exhibit)

Opening the Jaw: Imaging Approach to TMJ Pathologies

MK172-ED-X (Digital Education Exhibit)

Joint the Conversation! Imaging Review of Joint Effusions

MK173-ED-X (Digital Education Exhibit)

Preoperative Multislice Tomography with 3D Reconstruction in Anterior Shoulder Instability: How We Can Predict Engaging Hill-Sachs Lesion

MK174-ED-X (Digital Education Exhibit)

Common Soft Tissue Tumors and Tumor Mimics Involving the Hand: A Radio-pathological Correlation

MK175-ED-X (Digital Education Exhibit)

The Radiologist's Role in the Differential Diagnosis of the Mysomatous Lesions: Pathologic Comparison

MK176-ED-X (Digital Education Exhibit)

Pubic Symphysis Pathology: Beyond Athletic Pubalgia

MK177-ED-TUA9 (Tue, 12:15-12:45 PM, Station #9)

Hip Radiographic Measurements: An Essential Toolkit for Radiologists

MK178-ED-X (Digital Education Exhibit)

Inflammatory Lesions of the Spinal Cord: Pathophysiology and Imaging

MK179-ED-X (Digital Education Exhibit)

Imaging Strategies for Evaluation of Musculoskeletal Sarcoidosis

MK180-ED-X (Digital Education Exhibit)

Radiological Review of the Skull Lesions

MK181-ED-X (Digital Education Exhibit)

Is That a DVT?: Confident Diagnosis of DVT on Routine Knee MRI

MK182-ED-X (Digital Education Exhibit)

MR Imaging of Painful Syndromes of the Foot and Ankle by Anatomic Site

MK183-ED-X (Digital Education Exhibit)

TFCC Complex: High Yield with a Focus on Surgical Lesions

MK184-ED-X (Digital Education Exhibit)

Imaging of the Spine in the Inflammatory Arthritis: Plain Radiograph, CT and MRI

MK185-ED-X (Digital Education Exhibit)

Soft Tissue Infections Arising from Injectable Testosterone Replacement Therapy

MK186-ED-X (Digital Education Exhibit)

Pelvic and Lower Limb Stress Fractures: Expect the Unexpected!

MK187-ED-X (Digital Education Exhibit)

The Female Athlete: Common Injuries with Imaging Correlation

MK188-ED-X (Digital Education Exhibit)

MR Imaging of Traumatic Brachial Plexopathy: What the Surgeon Needs to Know

MK189-ED-X (Digital Education Exhibit)

Whole Body MRI: Clinical Applications and Controversies in the Musculoskeletal System

MK190-ED-X (Digital Education Exhibit)

A Radiological Review of Calcium Hydroxyapatite Crystal Deposition Disease in the Shoulder

MK191-ED-X (Digital Education Exhibit)

Peripheral Nerve Compression Syndromes: Imaging Approach to a Trapped Nerve

MK192-ED-X (Digital Education Exhibit)

Diffusion Weighted Imaging Demystified: The Technique and Potential Clinical Applications for Bone Imaging

MK193-ED-X (Digital Education Exhibit)

Carrot Stick Fracture: Definition, Clinical Presentation, Radiological Signs, Complications and Treatment

MK194-ED-X (Digital Education Exhibit)

Transient Regional Bone Marrow Edema: A Cause of Foot and Ankle Pain

MK195-ED-X (Digital Education Exhibit)

Fasciae in Auto-immune Diseases: When the Invisible Becomes Visible

MK196-ED-X (Digital Education Exhibit)

The Elbow: Review of Anatomy and Common Pathology of Collateral Ligaments using MRI

MK197-ED-X (Digital Education Exhibit)

Imaging Features of Inflammatory Disorders of the Spine: A Pictorial Review

MK198-ED-WEA8 (Wed, 12:15-12:45 PM, Station #8)

The Art of Interpreting Cervical Spine Radiographs

MK199-ED-X (Digital Education Exhibit)

Ripped off: A Resident's Cheat Sheet for Avulsion Fractures

MK200-ED-X (Digital Education Exhibit)

The Fat-Fracture Connection: Imaging, Mechanisms, and Clinical Implications

MK201-ED-X (Digital Education Exhibit)

Acetabular Labrum: A Functional Review of the Anatomy and Pathology

MK202-ED-X (Digital Education Exhibit)

Sesamoid Bones and Accessory Ossicles of the Foot: Review of Anatomic Variations and Associated Pathologies

MK203-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)

ALTR, ALVAL, ARMD, and Pseudotumors: What is the Difference and What Does the Radiologist Need to Know?

MK204-ED-X (Digital Education Exhibit)

Non-oncologic Applications of PET in Musculoskeletal and Rheumatologic Imaging

MK205-ED-X (Digital Education Exhibit)

Multimodality Imaging Spectrum of Musculoskeletal Manifestations of HIV

MK206-ED-X (Digital Education Exhibit)

From Zebra Line to Inhibitor-Induced Fasciitis: Spectrum of Imaging Findings of Drug-Induced Musculoskeletal Disorders

MK207-ED-X (Digital Education Exhibit)

Unicompartmental Knee Arthroplasty: What the Radiologist Needs to Know

MK208-ED-X (Digital Education Exhibit)

Enthesitis in the Axial Skeleton: An Overview of MRI findings in Patients with Spondyloarthritis

MK209-ED-X (Digital Education Exhibit)

Dysplasia Epiphysealis Hemimelica (DEH): A Developmental Anomaly?

MK210-ED-X (Digital Education Exhibit)

Triplanar MRI View of the Ankle Ligaments Anatomy

MK211-ED-X (Digital Education Exhibit)

Tibial Plateau Fractures: Understanding the Schatzker Classification System

MK212-ED-X (Digital Education Exhibit)

Sunday Night Football, Monday Morning MRI: Ankle and Foot Injuries in American Football

MK213-ED-X (Digital Education Exhibit)

Imaging of Foreign Body Reactions to Suture Material

MK214-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)

Whole-body MRI and Pathological Findings in Adult Patients with Myopathies: A Pictorial Review

MK215-ED-X (Digital Education Exhibit)

Ulnar Impingement Syndrome and Ulnar Impaction Syndrome: Comparative Review Between MRI and RX Image

MK216-ED-X (Digital Education Exhibit)

Tumoral Calcinosis: Case-based Review of Radiological Findings

MK217-ED-X (Digital Education Exhibit)

Accessory Ossicles in the Foot and Ankle: From Incidental to Invaluable for Patient Care

MK218-ED-X (Digital Education Exhibit)

Does Functional MR-Neurography Have a Role for Peripheral Nerve Surgery and Trauma Evaluation?

MK219-ED-X (Digital Education Exhibit)

Paranoid about Amyloid: Multimodality Imaging of Musculoskeletal Amyloid Deposition

MK220-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)

Juvenile Osteochondroses: Differentiating Pathology from Developmental Variant

MK221-ED-X (Digital Education Exhibit)

The Wild Mountain West: Rare Tumor and Tumor-Like Entities Presenting to a Quaternary Referral Oncologic Orthopedic Center with a Wide Catchment Area in the Past Year

MK222-ED-X (Digital Education Exhibit)

Three Strikes and You're Out? Challenges and Solutions of 3T MARS MRI of Metallic Implants

MK223-ED-X (Digital Education Exhibit)

Hip Infection: From Womb to Tomb

MK224-ED-X (Digital Education Exhibit)

Benign Fat-Containing Lesions: They Aren't All Simple Lipomas

MK225-ED-X (Digital Education Exhibit)

Chondroblastoma: Illustrative Review of Classic and Atypical Imaging Characteristics, Differential Diagnoses, and Treatment Options

MK226-ED-X (Digital Education Exhibit)

Harping on Hip Morphology: Recognizing the Underappreciated Association Between Femoroacetabular Impingement and Osteitis Pubis

MK227-ED-X (Digital Education Exhibit)

Multimodality Imaging Review of Hip Arthroplasties: Normal Appearance and Complications

MK228-ED-X (Digital Education Exhibit)

Recognizing Therapy-Induced and Reactive Tissue Changes in Patients with MSK Sarcoma Using MR and PET-CT

MK229-ED-X (Digital Education Exhibit)

Recurrent Osteosarcoma After Limb Preserving Surgery: Where Do I Look?

MK230-ED-X (Digital Education Exhibit)

First Do No Harm: A Review of Don't Touch Iatrogenic and Normal Variant Pseudolesions in Musculoskeletal Imaging

MK231-ED-X (Digital Education Exhibit)

From Where Did the Soft Tissue Mass Arise?

MK232-ED-X (Digital Education Exhibit)

Ultrasound Feature in Arthroscopic Meniscal Repair System: Thwart the Traps!

MK233-ED-X (Digital Education Exhibit)

Imaging of the Calcaneus

MK234-ED-X (Digital Education Exhibit)

MR Imaging of Posterior Ligament Complex Injury in Thoracolumbar Spine Trauma

MK235-ED-X (Digital Education Exhibit)

MRI of Iatrogenic Peripheral Nerve Injury in the Post-operative Shoulder

MK236-ED-X (Digital Education Exhibit)

Stress Fractures of the Ankle and Foot

MK237-ED-X (Digital Education Exhibit)

The Finger: The Fair, the Bad and the Ugly

MK238-ED-X (Digital Education Exhibit)

Diffusion Weighted Imaging Demystified: The Technique and Potential Clinical Applications for Soft Tissue Imaging

MK239-ED-MOA9 (Mon, 12:15-12:45 PM, Station #9)

The Spectrum of Spinal Hematomas: What a Radiologist Needs to Know

MK240-ED-X (Digital Education Exhibit)

Rotator Cuff and Instability: What to Evaluate In the Most Common Postoperative Exams of the Shoulder

MK241-ED-MOB10 (Mon, 12:45-1:15 PM, Station #10)

Fasciitis: Improving Diagnosis with MRI

MK242-ED-TUA10 (Tue, 12:15-12:45 PM, Station #10)

Contrast-Enhanced Ultrasound (CEUS) for the Evaluation of Synovitis and Treatment Response in Inflammatory Arthritis

MK243-ED-X (Digital Education Exhibit)

Musculoskeletal Lipomatous Tumors: A Pictorial Review with Emphasis on the Radiologist's Role

MK244-ED-X (Digital Education Exhibit)

Meniscal Tears: How to Describe?

MK245-ED-X (Digital Education Exhibit)

Bone Marrow-Specific MRI Sequences: When Do We Need Contrast?

MK246-ED-X (Digital Education Exhibit)

MRI of Ulnar: Sided Wrist Pain

MK247-ED-TUB9 (Tue, 12:45-1:15 PM, Station #9)

Metal Artifact Reduction with Total Hip Replacement: Ultrashort Echo Time: Multispectral Imaging (UTE-MSI) and How it Compares to the Other Methods

MK248-ED-X (Digital Education Exhibit)

Gout Beyond Podagra: A Comprehensive Ultrasonographic Spectrum

MK249-ED-X (Digital Education Exhibit)

The Value of an Extended Segment of the Body of Diffusion-weighted Imaging with Background Body Signal Suppression (DWIBS) MRI in the Evaluation of Musculoskeletal Tumors

MK250-ED-WEA9 (Wed, 12:15-12:45 PM, Station #9)

Lipomatous Lesions of Soft Tissue: More Than Superficial Lipoma

MK251-ED-X (Digital Education Exhibit)

Discovering the Musculoskeletal Involvement in Systemic Sclerosis: Radiological Features According to Cutaneous Subtypes and Immunological Profile

MK252-ED-X (Digital Education Exhibit)

Myositis, Myopathy, and More: Advanced MRI Techniques for Muscle Imaging

MK253-ED-X (Digital Education Exhibit)

Volar Plate? Quick Guide to Normal Anatomy, Pathology and Imaging

MK254-ED-X (Digital Education Exhibit)

Tibial Cortical and Juxtacortical Lesions: A Multimodality Pictorial Review

MK255-ED-X (Digital Education Exhibit)

Sporadic Inclusion Body Myositis: What Radiologists Need to Know

MK256-ED-WEB9 (Wed, 12:45-1:15 PM, Station #9)

Multidisciplinary Approach to Myxoid Soft Tissue Tumors: Radiology, Pathology, and Treatment Implications

MK257-ED-X (Digital Education Exhibit)

Ankle Ultrasound in 10 Steps

MK258-ED-X (Digital Education Exhibit)

Whole-Body Imaging Modalities in Multiple Myeloma: What Radiologists Should Know About Diagnostic Criteria

MK259-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)

US Primer of Common Injuries In Tendon and Ligaments of the Hand

MK260-ED-X (Digital Education Exhibit)

Lines, Angles and Numbers: A Radiologist's Guide On Most Commonly Used Measurements in Musculoskeletal Radiology

MK261-ED-X (Digital Education Exhibit)

Black, White, and Shades of Grey: Subtle Radiographic Findings of the Rotator Cuff from Normal to Full-Thickness Tear with Cross-Sectional Correlation

MK262-ED-X (Digital Education Exhibit)

The Radiologist's Guide to the Sternoclavicular Joint: Anatomy, CT Arthrography, and Pathology

MK263-ED-X (Digital Education Exhibit)

Amateur Sports Athletes - MRI Muscle Tears Map in Lower Limbs: Our Experience

MK264-ED-X (Digital Education Exhibit)

Classic Fractures of the Distal Radius and Base of Thumb: Beyond the Eponym

MK265-ED-X (Digital Education Exhibit)

Main Complications of Hip Arthroplasty

MK266-ED-X (Digital Education Exhibit)

Juvenile Idiopathic Arthritis: New Nomenclature and Pictorial Essay on the Main Imaging Findings

MK267-ED-X (Digital Education Exhibit)

Patellar Dislocation: MR Imaging Appearance, Predisposing Factors, Surgical Treatment and Complications

MK268-ED-X (Digital Education Exhibit)

From Home Runs to Hole-In-Ones: A Review of Sports Related Injuries of the Elbow Including Dynamic Sonographic Imaging Features, Clinical Symptoms, Mechanism of Injury and Treatment

MK269-ED-X (Digital Education Exhibit)

Get A Grip: Lesions of the Hand and Wrist

MK270-ED-X (Digital Education Exhibit)

Taking a Ride Along the Peroneus Longus Tendon Trail/Train

MK271-ED-X (Digital Education Exhibit)

Radiologic Findings After Biologic Reconstruction of Bone Defects in Orthopedic Oncology and Trauma

MK272-ED-X (Digital Education Exhibit)

A Focus on Necrosis: A Review of the Etiology, Appearance, and Natural History of Avascular Necrosis

MK273-ED-X (Digital Education Exhibit)

When Your Six-Packs Go Wrong: Rectus Abdominis Muscle Anatomy and Pathology

MK274-ED-X (Digital Education Exhibit)

MR Imaging of Sciatic Nerve: Techniques, Anatomy and Pathologies

MK275-ED-X (Digital Education Exhibit)

MR Arthrography of the Hip: A Review of Common Pathology and Potential Pitfalls

MK276-ED-X (Digital Education Exhibit)

Bisphosphonate-associated Atypical Femoral Fractures and Osteonecrosis of the Jaw: A Radiological Review

MK277-ED-THB8 (Thu, 12:45-1:15 PM, Station #8)
Sclerosing Bone Dysplasias: What the Radiologist Should Know

MK278-ED-X (Digital Education Exhibit)
Imaging Findings of Spinal Ligaments and Soft Tissue Injuries: Pictorial Review

MK279-ED-X (Digital Education Exhibit)
Life is Stressful: A Comprehensive Review of Stress/Insufficiency Fractures and Osteochondroses

MK280-ED-X (Digital Education Exhibit)
Dedicated Ultrasound-Based Diagnostic Work Up of Clinical Occult Groin Pain in Athletes

MK281-ED-X (Digital Education Exhibit)
Incidental Findings in Lumbar Spine Imaging: Radiographic Overview of Common Misses Due to Errors in Systematic Approach

MK282-ED-X (Digital Education Exhibit)
Dynamic Musculoskeletal Sonography: Anatomy, Mechanism of Injury, Imaging Maneuvers and Diagnosis

MK283-ED-SUA9 (Sun, 12:30-1:00 PM, Station #9)
MRI Screening Protocol for Chronic Exertional Compartment Syndrome (CECS): A Systematic and Individualized Approach

MK284-ED-X (Digital Education Exhibit)
Image Evaluation of the Lateral Structures of the Knee: What Is New?

MK285-ED-X (Digital Education Exhibit)
Musculoskeletal Hemihypertrophy: A Review of Conditions and Differential Diagnosis

MK286-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)
Osteoid Osteoma: Radiologic Diagnosis and Interventional Treatment

MK287-ED-X (Digital Education Exhibit)
Musculoskeletal Biopsy 101: From Pre-Procedural Planning to Post Procedure Care

MK288-ED-MOA10 (Mon, 12:15-12:45 PM, Station #10)
Aneurysmal Bone Cysts from Head to Toe: A Pictorial Essay of the Vast Radiological Spectrum

MK289-ED-MOB11 (Mon, 12:45-1:15 PM, Station #11)
Normal and Pathologic Appearance of Chopart Joint on MRI

MK290-ED-X (Digital Education Exhibit)
Anterior Cruciate Ligament Reconstruction Grafts: What the Radiologist Should Look For

MK291-ED-X (Digital Education Exhibit)
The Fluid-Fluid Level Sign: Friend or Foe? The Current Diagnostic Significance in Approach Towards Bone Tumors

MK292-ED-X (Digital Education Exhibit)
Thumbs-up for the Ride: What the Radiologist Needs to Know About the Anatomy and Lesions of the First Finger

MK293-ED-X (Digital Education Exhibit)
MRI Follow-up of Musculoskeletal Flaps After Soft Tissue Tumors

MK294-ED-TUA11 (Tue, 12:15-12:45 PM, Station #11)
Plantar Plate: Review of Normal Anatomy, Injuries, Differential Diagnosis and Treatment

MK295-ED-X (Digital Education Exhibit)
Renal Osteodystrophy: What the Musculoskeletal Radiologist Should Look Out For

MK296-ED-X (Digital Education Exhibit)
Platelets-Rich Plasma (PRP) Injections: How, When and Where?

MK297-ED-X (Digital Education Exhibit)
Osteoblastoma: Spectrum of Imaging Findings in Usual and Unusual Locations and Their Mimics

MK298-ED-X (Digital Education Exhibit)
Assessment of Multiple Myeloma with Multiparametric Whole Body MRI

MK299-ED-X (Digital Education Exhibit)
Demystifying Scapula: Normal Anatomy and Spectrum of Pathological Conditions Affecting Scapula and Peri-Scapular Region

MK300-ED-X (Digital Education Exhibit)
MR Imaging of the Spine in Spondyloarthritis: How, When and Why

MK301-ED-X (Digital Education Exhibit)
David versus Goliath: Imaging of Denosumab Treatment of Giant Cell Tumors

MK302-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Magnetic Resonance Imaging of the Thoracolumbar Spine in Patients with MRI-Compatible Spinal Cord Stimulators: Are They Really Safe?

MK303-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Diagnostic Usefulness of Low-Dose Lumbar Multi-detector CT with Iterative Reconstruction in Trauma Patients: A Comparison with Standard-Dose CT

MK304-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

The Reliability of the British Athletics Muscle Injury Classification and Its Use in Assessing Reinjury Rates and Time to Return to Full Training in Elite Athletes

MK305-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)

Preoperative Hip MRI: Quantitative Evaluation of Ischiofemoral Impingement Syndrome

MK306-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)

Osteoporotic Fractures versus Metastatic Vertebral Compression Fractures: Combined IVIM-DWI and MR Spectroscopy Aids Differentiation

MK307-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Application of Shear-Wave Elastography to Estimate the Chronicity of Suprapatellar Tendon

MK308-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

MRI Inflammation as an Imaging Biomarker for Rheumatoid Arthritis Response to the Treat to Target Approach

MK309-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)

Association between Baseline Meniscal Extrusion on MRI and Long-Term Incidence and Progression of Knee OA

MK310-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Bone Marrow Gadolinium Retention with Progressive Increased T1 Signal Intensity in Bone Marrow after Multiple Contrast-Enhanced MRI

MK311-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)

Assessment of Chondral Delamination in the Acetabular Region in Patients with Femoroacetabular Impingement by means of 3T Non-arthrographic MR Imaging

MK312-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

Anterior Inferior Iliac Spine Morphology: Comparison between Symptomatic Impingement versus Asymptomatic Patients and Correlation with Measurements of Femoroacetabular Impingement

MK313-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Dual Energy CT (DECT) Imaging of Gout: Who Uses It, Why, and What are the Results? A Ten-Year Institutional Experience

MK314-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)

Comparison the Difference of Intravoxel Incoherent Motion Diffusion-Weighted Imaging in Bone Marrow Infiltration between AML and ALL

MK315-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)

Leopard Spot Bone Marrow": A Frequent Stress-Related MRI Finding in the Hindfoot and Midfoot of Ballet Dancers

MK316-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)

Correlation between Dynamic Contrast-Enhanced Magnetic Resonance (MR) Imaging and Conventional MR Features in Inflammatory Myopathies: Feasibility and Preliminary Results

MK317-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)

The Apparent Diffusion Coefficient as a Marker of Methotrexate Response in Young People with Spondyloarthritis

MK318-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)

Diffusion Tensor Imaging of the Median Nerve with Ultrasound Correlation in Patients with Carpal Tunnel Syndrome Before and After Flexor Retinacular Release

MK319-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)

Can a Preoperative MRI Predict the Stiff Shoulder Requiring Manipulation and Surgical Capsular Release?

MK320-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)

Stiffness of the Ulnar Collateral Ligament (UCL) of the Elbow in Healthy Volunteers as Measured by 2D Shearwave Ultrasound Elastography

MK321-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)

The Comparison of Direct Magnetic Resonance Arthrography and Computed Tomography Arthrography for Diagnosis of the Ankle Osteochondral Lesions

MK322-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)

Quantitative Magnetic Resonance Imaging T2* Measurements of Talar Cartilage: Comparison of Chronic Lateral Ankle Instability with Lateral Ligament Injury Patients and Healthy Controls- Correlation with Clinical Scale

MK323-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)

Assessment of Correlation between Intravoxel Incoherent Motion Diffusion Weighted Imaging and Dynamic Contrast-enhanced MR imaging in Ankylosing Spondylitis

MK324-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)

Usefulness of Multi-Point Dixon (mDixon) MRI in the Assessment of Rotator Cuff Disorder and Fat Quantification of Rotator Cuff Muscles

MK325-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)

Positive Association between Volume of Skeletal 18F-NaF-avid Fibrous Dysplasia (FD) Lesions and Bone Turnover Markers (BTMs)

MK326-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)

Ultrasound Evaluation of Haemarthrosis in Severe Haemophilia on-Demand Replacement Therapy

MK327-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)

Association of Medial Accessory Ankle Muscles with Talocalcaneal Coalitions

MK328-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
The Significance of the “Vanishing Gas Sign” in Spondylodiscitis of the Thoracolumbar Spine: Comparison with a Control Group

MK329-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Non-Invasive MR-Guided Focused Ultrasound Therapy is Associated with Bone Integrity Restoration in Patients with Osteoid Osteoma

MK330-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Changes in Cartilage Quality (dGEMRIC) Following Knee Joint Distraction or High Tibial Osteotomy: A Two-Year Follow-Up

MK331-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
MR T2 Value of the Tibial Nerve Can be Used as a Potential Noninvasive and Quantitative Biomarker for the Diagnosis of Diabetic Peripheral Neuropathy

MK332-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Multi-Template Mapping of Multi-Modal Imaging Data to Track Osteolytic Lesions in Multiple Myeloma Patients

MK333-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Share-Wave Sonoelastography in the Diagnosis of Musculoskeletal Abnormalities Related to Skin Induration Syndromes: An Added Value?

MK334-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
CT-Guided Steroid Lumbar Injection: Which Cocktail is More Effective?

MK335-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
CT-Guided Lumbar Transforaminal Epidural Steroid Injections: The Retroneural Approach

MK336-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Stener Lesion of the Medial Collateral Ligament of the Knee: MRI Features

MK337-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Cartilage Damage Assessed with dGEMRIC Occurs at the Zone of 3D CT-Based Impingement Simulation: A Pilot Study

MK338-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Role of High Frequency Ultrasonography (US) in Penetrating Injuries of Tendons and Nerves of the Upper Extremity

MK339-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Deep Learning-based Approach for Radiographic Assessment of Sacroiliitis in Patients with Axial Spondyloarthritis

MK340-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Comparison of the Image Quality of Cone Beam Computed Tomography and Multidetector Computed Tomography for Wrist Examinations

MK341-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Reliability of Measurement of the Anterior Cruciate Femoral Footprint Using 3D MRI

MK342-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Calcium Density Measurement in Lumbar Vertebrae with Spectral CT in Healthy Adult Men: Distribution and Correlation with Age

MK343-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
FS-3D-VISTA Imaging versus Standard FS-2D-PDW Imaging at 3.0T of Meniscal Root: Correlative Study with Arthroscopy

MK344-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Treatment of Partial Supraspinatus Tendon Tears using Platelet-Rich-Plasma

MK345-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Enhancement of Musculoskeletal Radiology Resident Education with the Use of an Individual Smart Portable Ultrasound Device (ISPUD)

MK346-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Four-Dimensional Computed Tomography Evaluation of Tibio-Fibular Syndesmosis in Asymptomatic Ankles

MK347-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Texture Analysis of T2-Kurtosis Image (T2KI) for the Degeneration of Medial Meniscus Associated with the Extruded Medial Meniscus in Elderlies without Knee Pain

MK348-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Clinical Value of Pointwise Encoding Time Reduction with Radial Acquisition (PETRA) Sequence Compared to Conventional 2D Fast Spin-Echo (FSE) Sequence in Assessing Internal Derangement of the Knee

MK349-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Assessing Bone Density after Endocrine Therapy: Comparison between Measurements in Dual-Energy Spectral CT and Dual-Energy X-Ray Absorptiometry

MK350-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Clinical Ultrasound Can Measure Static and Dynamic Cervical Spine Intervertebral Disc Heights

MK351-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Percutaneous, Vertebroplasty Combined to Sclerotherapy for the Treatment of Symptomatic Spinal Hemangioma

MK352-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Second-Opinion Consultations in Orthopedic Oncology: Can a Musculoskeletal Radiology Fellowship Decrease Clinically Significant Discrepancies?

MK353-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Prevalence of Lumbar Radiculoplexopathy Associated with
Unsuspected Sacral Insufficiency Fracture on Lumbar Spine MRI

MK354-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Rib Lesions: Diagnostic Yield and Safety of Percutaneous Image-
guided Biopsy

MK355-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Application of SEMAR on Evaluation of Soft Tissue around the
Prosthesis in Patients with Hip Replacement

MK356-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Value of Psoas Proximal Insertion for Numbering Lumbar
Vertebrae

MK357-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Utility of Digital Tomosynthesis in Post-Operative Assessment of
Pelvic and Acetabular Fracture Surgery: Can we replace CT?

MK358-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Whole-Body MRI in Monoclonal Plasma Cell Disorders:
Quantification of ADC and Fat Fraction for the Prediction of
Disease Burden

MK359-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
3T MRI-Based Assessment of the Femoral Neck Cortex
Discriminates Between Subjects without and with Fragility
Fractures who Do Not Differ by Bone Mineral Density

MK360-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Prevalence of Femoroacetabular Impingement Features in
Japanese Young Adults without Symptoms: Hip Joint Morphology
Using Radial Reformation from Computed Tomography

MK361-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Shear Wave Speed of the Coracoacromial Ligament in Patients
Referred For Hydrodistention and Subacromial-Subdeltoid Bursal
Steroid Injection: A New Predictor for Injection Response

MK362-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Optimization of Monoenergetic Extrapolations in Dual Energy CT
for Metal Artifact Reduction in Patients with Orthopaedic Implants
in Different Body Regions

Neuroradiology

NR001-EB-X (Hardcopy Backboard)
Pitfalls of SyMRI

NR002-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)
Intracranial Vessel Wall MR Imaging in Space

NR003-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)
Update on Malformations of Cortical Development

NR004-EB-X (Hardcopy Backboard)
Quantitative MRI in the Assessment of Alzheimer's Disease. A Volume Analysis of Normal, Mild Cognitive Impairment and Alzheimer's Disease Subjects

NR005-EC-X (Custom Application Computer Demonstration)
Neurocryptococcosis: A Pictorial Review

NR006-EC-X (Custom Application Computer Demonstration)
An Update on Hybrid PET/MRI in Neuro-imaging

NR007-EB-X (Hardcopy Backboard)
Is Diffusion Weighted Image Enough to Detect Small Brainstem Infarction? Anatomic-Clinical Correlation and Clue for Diagnostic Pitfalls

NR008-EB-X (Hardcopy Backboard)
MRI Appearance of Secondary Central Nervous Lymphoma

NR009-EB-X (Hardcopy Backboard)
Synthetic Dual Energy CT for the Head

NR010-EB-X (Hardcopy Backboard)
Advanced MRI for Intracranial Dural Arteriovenous Fistulas

NR011-EB-X (Hardcopy Backboard)
Extreme Lateral Interbody Fusion (XLIF): Review of Surgical Technique and Spectrum of Post-treatment Imaging Findings that Radiologists Need to Know

NR012-EB-X (Hardcopy Backboard)
Ophthalmic Artery: Embryological Development, Imaging Anatomy, Variation and Embolization

NR013-EB-X (Hardcopy Backboard)
A Practical Illustrated Guide to Understanding both the 2017 ACR Thyroid Imaging, Reporting and Data System (TI-RADS) and the ATA Guidelines for Thyroid Nodules and Differentiated Cancer: How to Not Lose Your Mind!

NR014-EB-X (Hardcopy Backboard)
Implication of Systemic Lupus Erythematosus in the Brain: How Does it Affect It?

NR015-EB-X (Hardcopy Backboard)
Spectrum of Mixed Post-RT Necrosis with Recurred Tumor on Perfusion MRI with Pathological Correlation

NR016-EB-X (Hardcopy Backboard)
Postmortem MRI Microscopy for Teaching Neuroanatomy

NR017-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)
Guide to Programmable CSF Shunts: What the Radiologist Needs to Know

NR018-EB-X (Hardcopy Backboard)
Overview of Response Assessment Criteria for Neuro-Oncology (RANO): Application for High-Grade vs Low-Grade Glioblastoma

NR019-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)
Tricky Arterial Spin-Labeling Magnetic Resonance Imaging (ASL-MRI): Concordant or Discordant with Dynamic Susceptibility Contrast Magnetic Resonance Imaging (DSC-MRI) in Various Central Nervous System Pathology

NR020-EB-X (Hardcopy Backboard)
The Challenges of the Radiological Evaluation of Autoimmune Encephalitis

NR021-EB-X (Hardcopy Backboard)
The Influence of Magnetization Transfer Effects on Simultaneous Multi-slice Turbo Spin-echo Sequence

NR022-EB-X (Hardcopy Backboard)
Interpretation of Bilateral Deep Grey Matter Diseases in Children Using Magnetic Resonance Imaging

NR023-EB-X (Hardcopy Backboard)
Glioblastoma and Primary Central Nervous System Lymphoma: Could We Go Without Advanced Techniques?

NR024-EB-X (Hardcopy Backboard)
When Sleeping Becomes a Nightmare: Computer Tomography Evaluation of Sleep Apnea Syndrome with Muller Maneuver

NR025-EB-X (Hardcopy Backboard)
DWI Features of Uncommon Acute Infectious Meningoencephalitis (AIE)

NR100-ED-X (Digital Education Exhibit)
Imaging of Extracranial Head and Neck Lesions: A Symptom-based Approach in Cancer Patients

NR101-ED-X (Digital Education Exhibit)
Advanced Functional MR Imaging of Head and Neck Squamous Cell Carcinoma: Current Status and Future Prospective

NR102-ED-X (Digital Education Exhibit)
Peripheral Nerve Sheath Tumors of Head and Neck: Spectrum of Imaging Findings

NR103-ED-X (Digital Education Exhibit)
Imaging and Classification of Paragangliomas of Head and Neck

NR104-ED-X (Digital Education Exhibit)
Routine and Advanced Cross-sectional Imaging of Lymphomas of Head and Neck

NR105-ED-X (Digital Education Exhibit)
Pictorial Review of Fungal Diseases of the Paranasal Sinuses

NR106-ED-X (Digital Education Exhibit)
Diffusion Tensor Imaging and Tractography of Multiple Sclerosis: Current Status and Future Prospective

NR107-ED-X (Digital Education Exhibit)
Diagnostic Imaging in the Setting of Adult Brain Death: Possibilities and Pitfalls

NR108-ED-X (Digital Education Exhibit)
Can You Hear Me Now? A Case-based Review of Sensorineural Hearing Loss

NR109-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Head and Neck Cancer Staging Updates in AJCC 8th Edition: What Changed and What the Radiologists Need to Know

NR110-ED-X (Digital Education Exhibit)
Lymphoma: What Differential May Include

NR111-ED-X (Digital Education Exhibit)
Glioma Response Assessment: Classic Pitfalls, Novel Confounders, and Emerging Imaging Tools

NR112-ED-X (Digital Education Exhibit)
The Lateral C1-C2 Puncture: Indications, Technique, and Potential Complications

NR113-ED-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Intraoperative Ultrasound in Spine Surgery: A New View of Spinal Pathology

NR114-ED-X (Digital Education Exhibit)
Fourth Ventricle: What Can We Find Inside It?

NR115-ED-X (Digital Education Exhibit)
Trouble at the Neurovascular Hub: Imaging Spectrum of Cavernous Sinus Lesions

NR116-ED-X (Digital Education Exhibit)
Cystic Lesions of the Jaws: Imaging Approach and Diagnostic Pearls

NR117-ED-X (Digital Education Exhibit)
Pre, Intra and Postoperative Imaging of Cochlear Implants: What Information Otolaryngologist Expects from Radiologist

NR118-ED-X (Digital Education Exhibit)
Blurry Vision in Focus: Pictorial Review of Anatomy, Pathology and Complications

NR119-ED-X (Digital Education Exhibit)
Microwave Ablation as the New Advance in Nonsurgical Treatment of Thyroid Nodules

NR120-ED-X (Digital Education Exhibit)
CT Anatomy of the Pharynx and Larynx with Endoscopic Correlate

NR121-ED-X (Digital Education Exhibit)
What do 'U' Know About the 'U' Fibers? Pictorial Review of Subcortical U Fibers Diseases

NR122-ED-X (Digital Education Exhibit)
Evaluation of Pediatric Brain Perfusion with Arterial Spin Labeling: Theoretical Underpinnings with a Selection of Illustrative Cases

NR123-ED-X (Digital Education Exhibit)
Submillimeter Spatial Resolution of High Quality Black-blood Imaging by DANTE T1-SPACE: Blood Signal Should Be Suppressed

NR124-ED-X (Digital Education Exhibit)
Imaging of Skull Vault Tumors in Adults: Diagnosing in No-man's Land

NR125-ED-X (Digital Education Exhibit)
Spinal Vascular Imaging for the General Radiologist

NR126-ED-X (Digital Education Exhibit)
Nasal Cavity Neoplasm and Mimics: A Pictorial Review

NR127-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Looking Skin Deep: Neuroimaging of Non-vascular Congenital Skin Lesions

NR128-ED-X (Digital Education Exhibit)
Pearls and Pitfalls in Staging the Adamkiewicz Artery using High-resolution MR Angiography

NR129-ED-X (Digital Education Exhibit)
Lymphoid Associated Lesions Within the Parotid Glands

NR130-ED-X (Digital Education Exhibit)
How to Not Go Mad Diagnosing Creutzfeldt-Jakob Disease: What the Radiologist Needs to Know

NR131-ED-X (Digital Education Exhibit)
Important Imaging Findings Easily Overlooked on Brain MR Imaging

NR132-ED-X (Digital Education Exhibit)
R2* Map by IDEAL IQ for Cerebrovascular Disease

NR133-ED-X (Digital Education Exhibit)

MRI Findings in Lyme Disease

NR134-ED-X (Digital Education Exhibit)

Untangling Head and Neck Vascular Anomalies

NR135-ED-X (Digital Education Exhibit)

Imaging Features of Benign Mass Lesions in the Nasal Cavity and Paranasal Sinuses: An Update According to the Latest WHO Classification

NR136-ED-X (Digital Education Exhibit)

Craniocerebral Neuroblastoma: What a Radiologist Needs to Know and to Report

NR137-ED-X (Digital Education Exhibit)

Subtle, but They're There: Transaxonal Degenerations of Cerebellar Connections

NR138-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)

Resident Primer: A Pattern-Based Approach to Causes of Intraparenchymal Hemorrhage on Head CT

NR139-ED-X (Digital Education Exhibit)

Acute Non-traumatic Neck Pathology: Looking Beyond the Clinic

NR140-ED-X (Digital Education Exhibit)

MRI-guided Head and Neck Lesion Laser Ablation: How To Do It

NR141-ED-X (Digital Education Exhibit)

Communication or Miscommunication? Pictorial Review of Various Applications of CSF Flow Study using Phase Contrast Technique

NR142-ED-X (Digital Education Exhibit)

WHO 2016 Classification of CNS Neoplasms & Tumor Markers: What Every Radiologist Must Know

NR143-ED-X (Digital Education Exhibit)

MR Imaging of Nigrosome1 RevMR Anatomy, Pathology with Illustrative Interpretation Checklist for Diagnostic Characterization Parkinsonism and Its Mimics: Illustrated Pictorial Essay

NR144-ED-X (Digital Education Exhibit)

Head and Neck Neuroendocrine Tumors: Making Sense of Many Diseases from a Common Histology

NR145-ED-X (Digital Education Exhibit)

May It Recur No More: An Enhanced Look at the Radiopathologic Spectrum and Future Treatment Aims of Myxopapillary Ependymoma

NR146-ED-X (Digital Education Exhibit)

Imaging of Neurologic Conditions During Pregnancy and Postpartum Period

NR147-ED-X (Digital Education Exhibit)

Development of Brain Phantom for MRI Based On New Approach: Phantom Preparation Method by Approximating T1 and T2 Values and Morphology to the Body Based On a Simple Technique

NR148-ED-X (Digital Education Exhibit)

Cystic Lesions of the Parotid Gland: Radiologic-pathologic Correlation with Update of the Latest WHO 2017 Classification of Head and Neck Tumors

NR149-ED-X (Digital Education Exhibit)

Tumefactive Tuberculomas: Multi Parametric Imaging Pearls and Pitfalls and Misdiagnosis Nightmares and Wisdom Mantras Shared For the Resident

NR150-ED-TUB8 (Tue, 12:45-1:15 PM, Station #8)

Adult-onset Leukodystrophies: A Step-by-step Diagnostic Approach

NR151-ED-X (Digital Education Exhibit)

T2 Bright Lesions of the Brainstem Using Clinical and MRI Findings to Make the Diagnosis

NR152-ED-X (Digital Education Exhibit)

Symmetrical Signal Abnormality in the Rhombencephalon Can Leave You Scratching the Back of Your Head!

NR153-ED-WEA9 (Wed, 12:15-12:45 PM, Station #9)

Manifestations of HIV in the Central Nervous System: A Case-Based Review for Residents

NR154-ED-X (Digital Education Exhibit)

Sutton's Law for Epilepsy Imaging: Narrowing the Differential for Seizure Disorders Using an Anatomic Based Approach

NR155-ED-X (Digital Education Exhibit)

Where are the Lateral Ventricles: How to Diagnose and Distinguish Avenriculi from the Other Holoprosencephaly Variants

NR156-ED-X (Digital Education Exhibit)

Videofluoroscopic Evaluation of Functional Impairment in Oropharyngeal Swallowing

NR157-ED-X (Digital Education Exhibit)

Tips and Tricks in Head and Neck Imaging: From Missed Diagnosis to Imaging Pearls

NR158-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)

Patterns of Gray Matter Disease: Fifty Shades

NR159-ED-X (Digital Education Exhibit)

Swallowing Abnormalities Associated with Disorders of the Central Nervous System: Diagnosis by Videofluoroscopy and Rapid Digital Sequences

NR160-ED-X (Digital Education Exhibit)

Post-thyroidectomy Surveillance Ultrasound of Thyroid Cancer: Review of Anatomy, Thyroidectomy Variants, Tumor Recurrence and Pitfalls

NR161-ED-X (Digital Education Exhibit)

Lumbar Puncture Under Fluoroscopy Guidance: An Evidence-Based Technical Review for Radiologists

NR162-ED-X (Digital Education Exhibit)

Can the Pattern of Intracranial Calcifications be Helpful in Differentiating Zika from Other Congenitally Acquired Infections?

NR163-ED-X (Digital Education Exhibit)

Ultrasound Assessment and Sampling of Salivary Gland and Neck Nodal Lesions: Paving the Way for an Optimal Outcome

NR164-ED-X (Digital Education Exhibit)

Main Anatomical Variations of the Intracranial Arteries

NR165-ED-X (Digital Education Exhibit)

Videofluoroscopic Diagnosis of Swallowing Disorders and Complications after Total Laryngectomy and Radiation Therapy

NR166-ED-X (Digital Education Exhibit)

Ultrasound Tips for New Residents: How to Recognize Thyroiditis

NR167-ED-X (Digital Education Exhibit)

Computed Tomography (CT) of the Paranasal Sinuses (PS): Normal Anatomy and Anatomic Variants

NR168-ED-X (Digital Education Exhibit)

Set Lasers to Cure: Radiology's Role in Laser Ablation Surgery for Epilepsy and Brain Tumors

NR169-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)

Imaging Evaluation of Patients with Unilateral Cleft Lip and Palate for Treatment Planning and Follow-up from Birth until Adulthood

NR170-ED-X (Digital Education Exhibit)

Tumors of the Anterior Skull Base: A Systematic Approach

NR171-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)

Something Doesn't Sound Right: Congenital Anomalies of the Ear and Associated Syndromes

NR172-ED-X (Digital Education Exhibit)

Applications of Multi-Delay Arterial Spin Labeling With Time Delay Mapping-Based Perfusion MRI in Cerebrovascular Diseases

NR173-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)

Autoimmune Encephalitis: What the Radiologist Should Know

NR174-ED-X (Digital Education Exhibit)

The Forgotten Oculomotor Nerve: Not to be Missed Lesions

NR175-ED-X (Digital Education Exhibit)

4D Flow MRA: Clinical Applications of Hemodynamic and Flow Data for Evaluation of Intracranial Pathologic Processes

NR176-ED-X (Digital Education Exhibit)

Don't Miss It!: Cerebral Venous Thrombosis

NR177-ED-X (Digital Education Exhibit)

Characteristics and Pitfalls of MR Vascular and Blood Flow Imaging of the Brain to Obtain Useful Information

NR178-ED-X (Digital Education Exhibit)

Evaluating the Utility of CT Perfusion for Head and Neck Tumors

NR179-ED-X (Digital Education Exhibit)

Supratentorial Intraventricular Tumors in Pediatric Patients: A Pictorial Review

NR180-ED-X (Digital Education Exhibit)

Avoiding Complications Before, During and After Vertebral Augmentation

NR181-ED-X (Digital Education Exhibit)

Imaging on CNS Disorders Attributable to Alcohol Abuse: Pictorial Essay

NR182-ED-X (Digital Education Exhibit)

Radiologic Review of Maxillary and Mandibular Cystic and Sclerotic Lesions

NR183-ED-X (Digital Education Exhibit)

The Many Faces of an AVM and the Diagnostic Radiologist's Role in Its Management

NR184-ED-X (Digital Education Exhibit)

Imaging of Neurologic Complications in Patients with Hematologic Malignancies

NR185-ED-X (Digital Education Exhibit)

Tying TI-RADS Together: A Pictorial Review of Thyroid Lesions and Appropriate TI-RADS Level Assignments

NR186-ED-X (Digital Education Exhibit)

Demystifying the Paraclinoid Region of the Internal Carotid Artery

NR187-ED-X (Digital Education Exhibit)

Pilocytic Astrocytoma: Variable Imaging Manifestation and Differential Diagnosis

NR188-ED-X (Digital Education Exhibit)

Anatomical Variations of the Ethmoid Bone at CT Scan

NR189-ED-X (Digital Education Exhibit)

Dedicated 3D High Resolution 3T Vessel Wall MR Imaging in Cerebrovascular Diseases

NR190-ED-X (Digital Education Exhibit)

Too Many Cooks? Comparison and Critical Review of Available Management Models for Thyroid Nodules

NR191-ED-X (Digital Education Exhibit)

Don't Get Phaked Out! Case-Based Imaging Review of Neurocutaneous Diseases (Phakomatoses)

NR192-ED-X (Digital Education Exhibit)

Non-Invasive Characterization of Rim Enhancing Intracranial Intra-Axial Lesions Using Advanced MR Techniques

NR193-ED-X (Digital Education Exhibit)

Craniofacial Pain: What to Look for and Where

NR194-ED-X (Digital Education Exhibit)

Evaluation of Facial Nerve Paralysis: The Spectrum of Pathology From Cortex to Terminal Branches

NR195-ED-X (Digital Education Exhibit)

Central Nervous System Tuberculosis: Magnetic Resonance Imaging Findings

NR196-ED-X (Digital Education Exhibit)

Sellar and Suprasellar Lesions in Pediatric Patients

NR197-ED-X (Digital Education Exhibit)

MR Imaging of Histiocytoses: What Should Neuroradiologists Know?

NR198-ED-X (Digital Education Exhibit)

Skull Base Imaging: What Your Neurosurgeon Wants to Know

NR199-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)

Simplifying C-Spine Stability: A Review of Subaxial Injury Classification and Scoring (SLIC) system

NR200-ED-X (Digital Education Exhibit)

No Strain, No Gain: Optimizing Thyroid Nodule and Neck Lymph Node Fine Needle Aspiration Yield Using Ultrasound Strain Elastography with Cytopathologic Correlation

NR201-ED-X (Digital Education Exhibit)

Imaging Review of the 2017 American Joint Committee on Cancer Staging of Primary Malignant Tumors of the Osseous Spine

NR202-ED-X (Digital Education Exhibit)

Postoperative of the Sinuses: What Does the Radiologist Need To Know?

NR203-ED-X (Digital Education Exhibit)

MRI Characteristics of Acute Spinal Cord Infarction and Mimics

NR204-ED-X (Digital Education Exhibit)

Septo-optic Dysplasia (SOD): Redesigning and Broadening the Spectrum

NR205-ED-X (Digital Education Exhibit)

Role of CEUS in Comparison to 4DCT for Parathyroid Adenoma Imaging

NR206-ED-X (Digital Education Exhibit)

New Acceleration Techniques in Neuroimaging: Why and How to Beat the Clock

NR207-ED-X (Digital Education Exhibit)

Uncommon but Not Forgotten: MRI-based Review of Pediatric and Adolescent Spinal Masses

NR208-ED-X (Digital Education Exhibit)

Imaging Intracranial Melanoma: Don't Shoot in the Dark When You See Something Bright

NR209-ED-X (Digital Education Exhibit)

Non-tumorous Disease of the Spinal Cord: From A to Z

NR210-ED-X (Digital Education Exhibit)

A Comprehensive Review of Glioblastoma

NR211-ED-X (Digital Education Exhibit)

Midbrain, Pons and Medulla Anatomy and Syndromes: An Attempt to (Brain) Stem the Rising Tide of Uncertainty

NR212-ED-X (Digital Education Exhibit)

Coordinate Your Moves: Imaging of Cerebellar Ataxia in Children

NR213-ED-X (Digital Education Exhibit)

Cortical Based Neoplasms and Tumor Mimics: Think Outside the Box

NR214-ED-X (Digital Education Exhibit)

Eagle Syndrome: A Comprehensive Review

NR215-ED-X (Digital Education Exhibit)

Dive and Discover: Neurodegenerative Disorders Revisited

NR216-ED-X (Digital Education Exhibit)

MR Imaging of Chiasmatic Pathologies: To Cross Over From Common to Uncommon

NR217-ED-X (Digital Education Exhibit)

The Road Less Travelled: MR Imaging of Rare Neoplasms of Cerebellum

NR218-ED-X (Digital Education Exhibit)

Stroke or Not Stroke? A Daily Dilemma: Imaging Findings of Stroke Mimics

NR219-ED-X (Digital Education Exhibit)

The Good, the Bad and the Ugly of Meningiomas: Surgical Considerations and Approaches the Radiologist Should Know

NR220-ED-WEA10 (Wed, 12:15-12:45 PM, Station #10)
From Cannulation to Interpretation: A Mouth-watering Review of Digital Sialograms

NR221-ED-X (Digital Education Exhibit)
What is Your Diagnosis? A Pictorial Review of Head and Neck Muscular Pathology

NR222-ED-X (Digital Education Exhibit)
Multimodality Imaging of Intraventricular Tumors

NR223-ED-MOB9 (Mon, 12:45-1:15 PM, Station #9)
Glioblastoma: Evolving Treatment Modalities and their Expected Post-treatment Imaging Changes

NR224-ED-X (Digital Education Exhibit)
Restricted Diffusion in CNS Neoplasms: Assumptions and Applications

NR225-ED-X (Digital Education Exhibit)
Drooling Over Amazing Images: Salivary Gland Imaging - Normal and Abnormal

NR226-ED-X (Digital Education Exhibit)
Rare Pathologies in the Spine: Unusual Locations, Unusual Manifestations Causing Difficulties and Diagnostic Challenges

NR227-ED-X (Digital Education Exhibit)
Spinal Synovial Cysts: A Clinicoradiological Review including Current and Novel Interventional Therapeutic Techniques

NR228-ED-X (Digital Education Exhibit)
Ultra High-resolution CT in Head and Neck Cancer; Clinical Usefulness and Accuracy

NR229-ED-X (Digital Education Exhibit)
Imaging Findings in Gliosarcoma: A Single Institution Experience

NR230-ED-X (Digital Education Exhibit)
Radiology of Mild Cognitive Impairment: Conversion into Alzheimer's disease or Dementia with Lewy Bodies

NR231-ED-X (Digital Education Exhibit)
How to Create the Best T1 Contrast in Spin Echo Brain Imaging at 3.0T MR System

NR232-ED-X (Digital Education Exhibit)
Radiopathologic Correlation of the Thyroid Nodules

NR233-ED-X (Digital Education Exhibit)
Comprehensive Review of Neck Dissection and Reconstructive Surgeries: Radiological Perspective

NR234-ED-X (Digital Education Exhibit)
Cinematic Rendering in Neuroradiology: A New Era in 3D Postprocessing

NR235-ED-X (Digital Education Exhibit)
Dozen Mystic MRI Imaging Signs of Spinal Pathology Every Resident Must Know

NR236-ED-TUA9 (Tue, 12:15-12:45 PM, Station #9)
Beyond Atrophy: A Clinical-Rad-Path Correlation and Uncommon Findings in Rasmussen Encephalitis

NR237-ED-X (Digital Education Exhibit)
Imaging Approach to the Temporomandibular Joint with Computed Tomography and Magnetic Resonance with Arthroscopic Correlation Surgical Treatment

NR238-ED-X (Digital Education Exhibit)
Neurosyphilis: Typical and Atypical Findings

NR239-ED-X (Digital Education Exhibit)
T2-Mapping of Globes and Orbits: A Different Sight Through the Looking Glass

NR240-ED-X (Digital Education Exhibit)
Cerebellar Atrophy in Children: An Approach of the Differential Diagnoses

NR241-ED-TUB9 (Tue, 12:45-1:15 PM, Station #9)
What are the News at AJCC Classification about Cervical Lymph Nodes?

NR242-ED-X (Digital Education Exhibit)
Post-Transplantation Disorders of the Central Nervous System: An Approach of the Differential Diagnoses

NR243-ED-X (Digital Education Exhibit)
Imaging of Pituitary Infundibulum Inflammatory Lesions: Infundibulohypophysitis and Differential Diagnosis

NR244-ED-WEA11 (Wed, 12:15-12:45 PM, Station #11)
Anatomy and Pathology of the Inner Ear: A Primer for Radiologists

NR245-ED-X (Digital Education Exhibit)
Vascular Beading & Stroke: Pattern Based Approach to Diagnosis

NR246-ED-X (Digital Education Exhibit)
Infarction in the Subcallosal Artery and Recurrent Artery of Heubner Following Surgical Repair of the Anterior Communicating Artery Aneurysm: A Causal Relationship with Postoperative Amnesia and Neuropsychological Findings

NR247-ED-X (Digital Education Exhibit)
Traumatic Vascular Injuries of the Head and Neck: What the Radiologist Needs to Know

NR248-ED-X (Digital Education Exhibit)
Imaging Evaluation of Trigeminal Neuralgia: A Segmental Approach

NR249-ED-X (Digital Education Exhibit)
Getting On My Nerves: Cranial Nerve Lesions

NR250-ED-X (Digital Education Exhibit)
Ultrasound Evaluation of Neck Lumps and Bumps

NR251-ED-X (Digital Education Exhibit)
Missed, Misinterpreted, and Misleading Imaging Findings in Brain Tumors and Tumor-Like Lesions

NR252-ED-X (Digital Education Exhibit)
Keratocystic Odontogenic Tumor and Nevoid Basal Cell Carcinoma Syndrome: What Radiologists Need to Know

NR253-ED-X (Digital Education Exhibit)
Invading the Orbit: A Case Series of Infiltrative Orbital Disorders

NR254-ED-X (Digital Education Exhibit)
Clinical Application of Arterial Spin Labeling in Neurovascular Diseases

NR255-ED-X (Digital Education Exhibit)
Midnight Radiology: A Primer on Emergent Head CT Findings for the On-Call Resident

NR256-ED-X (Digital Education Exhibit)
3D Models in Head and Neck Neoplasms: Technique, Practical Use, and Cost Effectiveness

NR257-ED-X (Digital Education Exhibit)
Mucocoeles Need Not Be Such a Headache: An Overview of Paranasal Sinus Mucocoeles

NR258-ED-X (Digital Education Exhibit)
A Tract Less Traveled: Imaging of Lesions of the Brain Stem

NR259-ED-X (Digital Education Exhibit)
Dual-energy Spectral CT for Patients after Embolization of Intracranial Aneurysm

NR260-ED-WEB9 (Wed, 12:45-1:15 PM, Station #9)
The Imaging Spectrum of Congenital Craniofacial Anomalies: Facing the Challenge

NR261-ED-X (Digital Education Exhibit)
Out with the Old: What's New In the TNM 8th Edition for H&N Cancer Staging

NR262-ED-X (Digital Education Exhibit)
The Assessment of Contrast Media Circulation in Brain Ischemia with the Use of 4D CT Imaging

NR263-ED-X (Digital Education Exhibit)
Correlation of Bethesda Cytopathology Classification with T1 Rads: When is Surgery Necessary?

NR264-ED-X (Digital Education Exhibit)
Non-Traumatic Myelopathy: A Pictorial Review

NR265-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)
Ultrasound of the Oral cavity and Its Surrounding Structures: A Play of Techniques!

NR266-ED-X (Digital Education Exhibit)
APT Imaging of Tumors: Theory, Clinical applications, Pitfalls and Future Directions

NR267-ED-X (Digital Education Exhibit)
Imaging of the Head and Neck Glands - Diagnostic Algorithm Made Easy: An Instruction Manual for General Radiologists

NR268-ED-X (Digital Education Exhibit)
Cerebral Bleeding is Not Always an Easy Diagnosis: Test Your Luck in the Microbleeding Quiz!

NR269-ED-X (Digital Education Exhibit)
Funny Turns: 3.0T MRI-PET Fusion Imaging in Evaluation of Dyskinesia!

NR270-ED-X (Digital Education Exhibit)
One Shop Where All Brownian Stop

NR271-ED-X (Digital Education Exhibit)
A Real Pain in the Neck (and Arm): An Imaging Review of Brachial Plexus Anatomy and Pathology

NR272-ED-X (Digital Education Exhibit)
3.0T MR Neuroimaging of Opportunistic Infections in People Living With HIV-AIDS (PLHA)

NR273-ED-X (Digital Education Exhibit)
Analysis of the Factors Associated to Prevalence of High Signal Intensity in the Dentate Nucleus and Globus Pallidus on Unenhanced T1-Weighted MR Images in the Year 2016 at a Reference Hospital

NR274-ED-X (Digital Education Exhibit)
Adverse Effects caused by Oncological Treatment Radio and Chemotherapy: Spectrum of Image Presentation in the CNS

NR275-ED-X (Digital Education Exhibit)
Multimodality Radiographic Review of the Neonatal Brain Born to Zika Positive Mothers

NR276-ED-X (Digital Education Exhibit)
Thyroid Mass Mimickers: Wait a Minute - This is Not from Thyroid Gland!

NR277-ED-X (Digital Education Exhibit)
What Radiologists Should Know about the MRI Findings in the Acute Spinal Cord Compression

NR278-ED-X (Digital Education Exhibit)
Tumefactive Demyelinating Lesions: A Pictorial Essay

NR279-ED-X (Digital Education Exhibit)
Traumatic Dural Venous Sinus Thrombosis in Acute Head Trauma Patients: Clues for the Diagnosis

NR280-ED-X (Digital Education Exhibit)
Spinal Cord Lesions: A Pattern Approach

NR281-ED-X (Digital Education Exhibit)
Anatomical Connections of the Fornix and Stria Terminalis of the Human Limbic System

NR282-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
What the ENT Surgeon Needs to Hear: Presurgical Evaluation of Temporal Bone Masses

NR283-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)
And the Eye's Have It! A Closer Look at Expected and Unexpected Oculoplastic Post-operative Appearances

NR284-ED-X (Digital Education Exhibit)
Back to Skull Base-ics: Pre and Postoperative Evaluation of Skull Base Tumors

NR285-ED-X (Digital Education Exhibit)
Meningioma: Not Just Your Mother-in-Law's Tumor!

NR286-ED-X (Digital Education Exhibit)
Power Up! The Power of Post-Contrast 3D-FLAIR on 3T

NR287-ED-X (Digital Education Exhibit)
Current e-Vents: A Review of Endoscopic Ventriculostomy, Including Pre- and Post-procedural Imaging

NR288-ED-X (Digital Education Exhibit)
Lost with Hearing Loss? A Preoperative CT Evaluation of Cochlear Implants and Common Pathologies Associated that the Radiologist Must Know

NR289-ED-X (Digital Education Exhibit)
Atypical Complications and Presentations of Developmental Venous Anomalies

NR290-ED-X (Digital Education Exhibit)
Cavernomas: Unusual Locations, Complications and Associated Features

NR291-ED-X (Digital Education Exhibit)
Radiographic Evaluation of Vertebral Metastasis: Speaking the Same Language

NR292-ED-X (Digital Education Exhibit)
Nothing to Sneeze At: Neoplasms of the Nasal Cavity and Paranasal Sinuses

NR293-ED-X (Digital Education Exhibit)
Supraclavicular Region: Last Exit Before the Thorax

NR294-ED-X (Digital Education Exhibit)
All About that Base: A Pictorial Review of the Most Common Skull Base Lesions

NR295-ED-X (Digital Education Exhibit)
Infantile Head and Neck Masses: How to Differentiate Hemangiomas from Vascular Malformations

NR296-ED-X (Digital Education Exhibit)
Arteriopathy in Pediatric Stroke: An Underestimated Clinical Entity

NR297-ED-X (Digital Education Exhibit)
Camping Out in the Hippocampus: Imaging Spectrum of Etiologies Affecting the Hippocampi and Tips for Honing the Differential Diagnosis

NR298-ED-X (Digital Education Exhibit)
Drugs, Alcohol, Heavy Metal, and More: Complications in the Spine

NR299-ED-X (Digital Education Exhibit)
MRI of Brachial Plexus Injury: Imaging Technique and Spectrum of Findings

NR300-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
The WHO 2016 Classification of CNS Tumors: Are We Speaking The Same Language With Our Clinicians And Pathologists?

NR301-ED-X (Digital Education Exhibit)
Status Epilepticus: The Role of Imaging in this Neurological Emergency

NR302-ED-X (Digital Education Exhibit)
Don't Lose Your Mind Reviewing Neurodegenerative Disorders!

NR303-ED-X (Digital Education Exhibit)
Imaging of the Brain in Breast Cancer: What You Should Know

NR304-ED-X (Digital Education Exhibit)
Bilateral Thalamic Lesions and the Differential Diagnosis

NR305-ED-X (Digital Education Exhibit)
Differential Diagnosis of Nontumoral Conus Medullaris Lesions: A Practical Approach to this Distinct Spinal Cord Site

NR306-ED-X (Digital Education Exhibit)
Imaging Evaluation of Strabismus with Clinical Correlation: Pictorial Essay

NR307-ED-X (Digital Education Exhibit)
The Nose Knows: A Primer of Cosmetic Nasal CT & MRI

NR308-ED-X (Digital Education Exhibit)

Remarkable MR Brain Findings to Predict Specific Genetic Syndromes

NR309-ED-X (Digital Education Exhibit)

D`y` M`n Gen M`n - Mountains Beyond Mountains: Lessons and Limitations from Non-Contrast CT Spine Imaging of Pott's disease in an Underserved, Rural International Community

NR310-ED-X (Digital Education Exhibit)

Imaging of Dengue Encephalitis in Tropical Countries: Do We Really Need Serological Confirmation?

NR311-ED-X (Digital Education Exhibit)

Imaging of Pituitary Stalk Abnormalities

NR312-ED-X (Digital Education Exhibit)

Mountains Beyond Mountains: Lessons and Limitations from Non-contrast CT Imaging of Advanced Head and Neck Pathology in an Underserved, Rural International Community

NR313-ED-X (Digital Education Exhibit)

Genetics and Imaging Features of Medulloblastomas: A Case-based Review of Pediatric Medulloblastomas Imaging Features and Characteristics of Their Molecular Subtypes

NR314-ED-X (Digital Education Exhibit)

Parotid Gland Lesions and Multiparametric Magnetic Resonance Evaluation: A Diagnostic Approach

NR315-ED-X (Digital Education Exhibit)

Let's Take a Look at the Eye: What Radiologists Should Know about Ocular Ultrasound and Doppler in Comparison with OCT

NR316-ED-X (Digital Education Exhibit)

Journey to the Center of the Brain: The Ventricular System

NR317-ED-X (Digital Education Exhibit)

CT And MR Imaging of the Skull Bone Lesions: Assessment of Age-Related Normal Patterns and Pathologic Spectrum

NR318-ED-X (Digital Education Exhibit)

Bonehead! Osseous Lesions of the Skull

NR319-ED-X (Digital Education Exhibit)

Another Enhancement in the Wall: Vessel-Wall Analysis in CNS Infectious Diseases

NR320-ED-X (Digital Education Exhibit)

Functional and Structural Assessment of the Brain During Normal Aging and Common Age-related Neurodegenerative Diseases

NR321-ED-X (Digital Education Exhibit)

Brainstem Neuroanatomy: Correlation of In vivo and Post Mortem 7T Images and Histology

NR322-ED-X (Digital Education Exhibit)

Brain 4D Flow MRI: Scan Parameters, Analysis Parameters and Target Diseases

NR323-ED-X (Digital Education Exhibit)

An Emotional Memoir of the Limbic System: Reflection on Anatomy and Pathology

NR324-ED-X (Digital Education Exhibit)

Go With the Flow: Imaging, Diagnosis, and Treatment of High and Low-Flow Cerebral Vascular Malformations

NR325-ED-X (Digital Education Exhibit)

Jaw-dropping Lucent Lesions of the Jaw

NR326-ED-X (Digital Education Exhibit)

Causes of Hoarseness: A Review of CT and MR Imaging Findings

NR327-ED-X (Digital Education Exhibit)

Imaging Spectrum of Subacute Sclerosing Panencephalitis (SSPE)

NR328-ED-X (Digital Education Exhibit)

The Wide Spectrum of Tubulinopathies: What Are the Key Features for the Diagnosis?

NR329-ED-X (Digital Education Exhibit)

Craniofacial Malformations: What the Radiologist Needs To Know

NR330-ED-X (Digital Education Exhibit)

Multimodality Imaging Approach to Craniovertebral Junction (CVJ) Anomalies: A Road Map for Surgeons

NR331-ED-X (Digital Education Exhibit)

Beyond the Visible: Quantitative Volumetric Analysis in Neurodegenerative Diseases

NR332-ED-X (Digital Education Exhibit)

Orbital Emergencies: From Fractures to Fistulas

NR333-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Incidental Thyroid Nodules Detected By 18-FDGPET/CT: Correlation with TIRADS and Shear Wave Elastography

NR334-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

MR Lymphangiography for Sentinel Lymph Node Detection in Oral Cavity Cancer: A Preliminary Clinical Study

NR335-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

Histological Classification of Head and Neck Tumors Using Patlak Analysis in Head and Neck CT Perfusion

NR336-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)

Radiomic Strategy for Detecting IDH and TP53 Mutation of Lower-Grade Glioma Based on Multimodal MRI

NR337-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Comparison of Intravoxel Incoherent Motion Diffusion-Weighted MR Imaging with Dynamic Contrast-Enhanced MRI for Differentiating Sinonasal Small Round Cell Malignant Tumors from Non-Small Round Cell Malignant Tumors Lesions

NR338-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Repeated Administrations of Macrocyclic Ionic MR Contrast Agent are Not Associated with Increased T1 Signal in Globus Pallidus and Dentate Nucleus

NR339-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Amide Proton Transfer Imaging: Comparing Glioblastoma and Metastatic Brain Tumor in Enhancing Tumors and Peritumoral Regions

NR340-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
C-11 Methionine PET/CT versus F-18 FDG PET/CT for Evaluating Residual or Recurrent Atypical / Anaplastic Meningioma after Treatment

NR341-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Brain Tissue Follow-up Using Dynamic Susceptibility Contrast-Enhanced and Dynamic Contrast-Enhanced Perfusion Magnetic Resonance Imaging on Lesions Categorized by Apparent Diffusion Coefficient Values in Glioblastoma

NR342-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
A Multicenter Validation Study of 2017 ACR Thyroid Imaging Reporting and Data System in Patients with Thyroid Nodules

NR343-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Diffusion-Weighted Imaging of Brain Metastasis from Lung Cancer: Correlation of MRI Parameters with the Histological Type and Gene Mutation Status

NR344-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Multimodal MRI Images for MGMT Methylation Status Prediction in Primary Glioblastoma

NR345-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Web Treatment for Small Ruptured Intracranial Aneurysms

NR346-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Application of Virtual Monochromatic Images at Optimal Energy Level in Dual-Energy Spectral CT Combined with Multiplanar Reformation in Diagnosing Lumbosacral Peripheral Neuropathy

NR347-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Edge Density Mapping of Cerebral White Matter in Persons with Cerebral Microbleeds in the Rotterdam Study

NR348-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Correlation of Cerebral Blood Flow with Cognitive Impairment in Alzheimer's disease Complicated with Type 2 Diabetes Patients

NR349-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Image-Guided Percutaneous Spine Biopsy Specimen Adequacy and Pathology Concordance with Battery Powered Drill and Manual Approaches

NR350-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Flow Diverters in the Treatment of Symptomatic Cerebral Aneurysms

NR351-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Relationship Studying Between Condyle Longitudinal Inclination and Internal Temporomandibular Joint Derangement Using Magnetic Resonance

NR352-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Altered Brain Activity Improvement: Evidence from rs-fMRI in Children with Type 1 Gaucher Disease during Therapy

NR353-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Simultaneous T2 Mapping and Neurography Method with 3D SHINKEI: Evaluation of Patients with CIDP

NR354-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Reproducibility of Advanced Neuroimaging Metrics across Sessions, Sites, and Subjects

NR355-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Presence of Temporal Lobe Lesions Help Differentiate Multiple Sclerosis from Small Vessel Ischemic Changes

NR356-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Temporal CT Subtraction Images Derived by Large Deformation Diffeomorphic Metric Mapping can Improve Detectability of Brain Infarctions

NR357-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
In What Context are Radiologists Most Prone to Error? A Systematic Review of Discrepancies in a Tertiary Neuroradiology Service

NR358-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Detection of Skull Fractures on Curved Maximum Intensity Skull Projections by Means of Deep-Learning

NR359-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Improving EPI-Based DWI of the Head and Neck Using Local Shim Coils: Comparison to Slice-Specific Integrated Shimming

NR360-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Diagnostic Utility of Compressed Sensing SPACE for IAC MRI Screening Protocols

NR361-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Quantitative Assessment of Red Nucleus and Dentate Nucleus with Diffusion Tensor Imaging in Parkinson Disease

NR362-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Strain and Shear Wave Elastography in The Differentiation of Benign and Malignant Thyroid Lesions

NR363-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Imaging Correlation Between CT Angiogram Collaterals and CT Perfusion in Acute Stroke

NR364-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Brain MRI Characteristics of Patients with Anti-N-Methyl-D-Aspartate Receptor Encephalitis and Their Associations with 2-Year Clinical Disability

NR365-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Association between Local Fat Depots assessed by Whole-Body MR Imaging and Gray Matter Brain Volumes

NR366-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Resting State Functional Connectivity of the Language Network in Young Adults with Multiple Sclerosis

NR367-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Combined Diffusion Weighted Imaging and Dynamic Contrast Enhanced Magnetic Resonance Imaging for Differentiating Radiologically Indeterminate Malignant From Benign Orbital Mass

NR368-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Complicated Aortic Arch atheroma and Acute Ischemic Stroke: How Does It Interfere with Mechanical Thrombectomy Success?

NR369-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Comparing Brain Structural and Perfusion MRI Changes across ALS-FTD Continuum

NR370-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Glioma: Application of Histogram Analysis of Diffusion Kurtosis Imaging to Tumor Grading and Tissue Heterogeneity

NR371-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Vision-related Areas and Beyond: A Multimodal MRI Analysis (DTI, fMRI and structure) of Primary Open Angle Glaucoma Patients

NR372-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Transneuronal Degeneration in the Ipsilateral Thalamus after Middle Cerebral Artery (MCA) Territory Infarction: An Arterial Spin Labeled (ASL) MRI Study

NR373-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Enlarged Perivascular Spaces of Subjects with Silent Lacunar Infarction from a Nationwide Longitudinal Study of Ageing

NR374-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Voxel Based Analysis of Metabolic Abnormalities in Mesial Temporal Lobe Epilepsy

NR375-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Prognostic Value of CT Perfusion in Ischemic Stroke Patients for Predicting Good Functional Outcome after Successful Intra-Arterial Therapy

NR376-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Does Repeated Administration of Hepatospecific MRI Contrast Agent Gadoxetate Disodium Lead to Gadolinium Deposits in Brain Tissue: Preliminary Results

NR377-SD-WEA8 (Wed, 12:15-12:45 PM, Station #8)
Wall Shell Stress Insult Contributes to Growth of Small (<5 mm) Unruptured Cerebral Aneurysms during Longitudinally 3D-TOF-MRA Follow-Up

NR378-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Standardization of Dynamic Susceptibility MR-Perfusion in Glioblastoma Using a Wavelet-Based Reconstruction Technique

NR379-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Characteristic of Bilateral Carotid Artery Intraplaque Hemorrhage and Its Relationship with Severity of Acute Ischemic Stroke: A CARE-II study

NR380-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Advanced Virtual Monochromatic Imaging in Metal Artifact Reduction using Energy Subtraction Processing on Dual-Energy CT-Angiography: Evaluation of Image Quality, Delineation of Recanalization Coil-embolized Cerebral Aneurysms

NR381-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Imaging Differences Between NMOSD and MS: A Multi-institutional Study in Japan

NR382-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Gd Deposits in Multiple Organs of Adult Patients with Normal Renal Function after Administration of Gadolinium Contrast Agents (GBCAs)

NR383-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Assessment of Collateral Circulation in Acute Ischemic Stroke: Simulated 3-phase CTA versus Simulated 2-phase CTA

NR384-SD-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Characterization of a MRI-compatible Animal Model of Vessel Wall Enhancement

NR385-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Utility of CT in Screening for Acute Invasive Fungal Sinusitis in Bone Marrow Transplant Patients: Is Fever a True Indication?

NR386-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Has Implementation of the British Thyroid Association's 2014 Guidelines Reduced Thyroid Nodule Sampling?

NR387-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
New Method for Diagnosing Metastatic Cervical Lymph Nodes with Head and Neck Squamous Cell Carcinoma Using Third-Generation Dual-Energy CT

NR388-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Altered Resting-State Brain Network in Type 2 Diabetic Patients with Cognitive Impairment: A Degree Centrality-Based Network Study at Voxel-Wise Level

NR389-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Computed Diffusion Weighted Imaging with Noise Reduction: Utility in Diagnosing Middle Ear Cholesteatoma

NR390-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Effect of Luminal CT Number on Detection of Neointimal Formation after Carotid Artery Stenting at 320-Detector CT Angiography: Comparison among Filtered Back Projection, Hybrid Iterative Reconstruction and Full Iterative Reconstruction

NR391-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Extraspinal Incidental Findings Identified on Lumbar Spine Diffusion-Weighted MR Neurography

NR392-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Utility of Concomitant Head and Facial CT in Trauma Setting

NR393-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Amide Proton Transfer (APT) Imaging of Parotid Tumors: Differentiation between Malignant and Benign Tumors

NR394-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Cortical Thickness Abnormalities in Non-Comorbid Medication-Naive Patients with Major Depressive Disorder and Patients with Social Anxiety Disorder

NR395-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
The Feasibility of Ultrashort Echo Time Imaging for Visualization of Sinonasal and Skull Base Bony Structures: Preliminary Study

NR396-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Head and Neck Angiography at 70 kVp with a Third-Generation Dual-Source CT System in Patients: Compare with 100kVp

Nuclear Medicine

NM001-EB-X (Hardcopy Backboard)

Use of a Clinical Next Generation dPET/CT for in vivo High Throughput Murine Preclinical Imaging

NM002-EB-X (Hardcopy Backboard)

Dynamic I-123 MIBG Chest Scan in Evaluating Cardiac Sympathetic Function for Neurodegenerative Diseases

NM003-EB-X (Hardcopy Backboard)

Ga-68 DOTATATE vs F-18 FDG: Competitor or Complementor in Neuroendocrine Tumor Assessment

NM004-EB-X (Hardcopy Backboard)

Nuclear Radiology Education via the Social Media Site Instagram

NM100-ED-SUA5 (Sun, 12:30-1:00 PM, Station #5)

Peptide Receptor Radionuclide Therapy: The Dawn of the Era of Theranostics

NM101-ED-SUB5 (Sun, 1:00-1:30 PM, Station #5)

Manifestations of Periosteal Pathology on Tc-99m MDP Skeletal Scintigraphy

NM102-ED-X (Digital Education Exhibit)

Adding Value: The Utility of PET/CT in the Diagnosis and Work-up of Sarcoidosis, with Focus on Atypical Presentations

NM103-ED-X (Digital Education Exhibit)

Simultaneous Time-of-Flight (TOF) FDG PET/MRI-MRCP for Evaluation of Borderline Resectable Pancreatic Adenocarcinoma

NM104-ED-X (Digital Education Exhibit)

An Update on Diagnosis and Therapy of Thyrotoxicosis and the Role of Radioactive Iodine Therapy in Children: Will This Work? Read, Learn, Decide and Implement

NM105-ED-X (Digital Education Exhibit)

68Ga-DOTATATE PET-CT: Basis, Pitfalls and Clinical Applications

NM106-ED-X (Digital Education Exhibit)

68Ga-PSMA PET-CT: Basis, Pitfalls and Clinical Applications

NM107-ED-X (Digital Education Exhibit)

If The Sugar Doesn't Fit, the Protein Won't Quit: 18 Fluoro-Ethyl-Tyrosine (18F-FET) Brain PET-CT as a Part of Multimodality Imaging In Clinical Neuro-Oncology

NM108-ED-X (Digital Education Exhibit)

Molecular Imaging with Ga68-DOTATATE PET/CT: Neuroendocrine Tumors and Beyond

NM109-ED-MOA6 (Mon, 12:15-12:45 PM, Station #6)

Pulmonary Perfusion Scintigraphy in Diagnosis and Management of Chronic Thromboembolic Pulmonary Hypertension (CTEPH): A Pictorial Review

NM110-ED-MOB6 (Mon, 12:45-1:15 PM, Station #6)

Oxygen-15 Positron Emission Tomography in the Management of Moyamoya Disease

NM111-ED-X (Digital Education Exhibit)

Tc-99m Pyrophosphate Scintigraphy in the Diagnosis of Cardiac Amyloidosis - Proven As Old Is Gold in Reviving an Old Imaging Study for a New Indication: Understanding Imaging Appropriateness, Pitfalls, and Interpretation

NM112-ED-X (Digital Education Exhibit)

Role of Technetium 99m Pyrophosphate Scintigraphy in the Diagnosis of Patients with Transthyretin-related Cardiac Amyloidosis: A Reliable Non-invasive Alternative to Endomyocardial Biopsy

NM113-ED-X (Digital Education Exhibit)

18F-FDG PET and Multi-parametric MRI Co-registration of the Encephalon Out Performs Each Modality Alone in Evaluation of Brain Tumors

NM114-ED-X (Digital Education Exhibit)

Colon, Beware! Pictorial Review of Colonic Activity in F-18 FDG PET/CT

NM115-ED-X (Digital Education Exhibit)

Brain Death: Criteria, Signs and Tests

NM116-ED-X (Digital Education Exhibit)

PET-CT in Pediatric Oncology: A 10 Year Experience

NM117-ED-X (Digital Education Exhibit)

Can 18F-FDG PET/MRI Help Differentiate Between Malignant Peripheral Nerve Sheath Tumors and Benign Neurofibromas in Neurofibromatosis Type 1?

NM118-ED-X (Digital Education Exhibit)

What's New in the Molecular Imaging of Prostate Cancer? A Pictorial Review of Fluciclovine: The First F-18 Positron Emission Tomography (PET) Imaging Agent for Suspected Recurrent Prostate Cancer Approved by the Food and Drug Administration

NM119-ED-X (Digital Education Exhibit)

Addressing Concerns for Radiation Safety and Protection of Surgeons and Pathology Personnel Handling Radioactive Breast Specimens

NM120-ED-X (Digital Education Exhibit)

Imaging with PSMA PET: What We've Been Missing

NM121-ED-X (Digital Education Exhibit)

Post-transplant Lymphoproliferative Disorders: The Clinical Impact of 18F FDG-PET/CT

NM122-ED-X (Digital Education Exhibit)
Role of 18F-FDG PET/CT in TNM 8 Staging of Non-Small Cell Lung Cancer (NSCLC)

NM123-ED-X (Digital Education Exhibit)
Everything You Need to Know About Imaging in Bronchial NET

NM124-ED-X (Digital Education Exhibit)
The Use of PET/CT for Diagnosing and Characterizing Perineural Metastases

NM125-ED-X (Digital Education Exhibit)
Avoid Confusion by Using Fusion: SPECT/CT for the Diagnosis of Indeterminate Abdominal Lesions

NM126-ED-X (Digital Education Exhibit)
Exploration of FDG PET/CT Findings in a Spectrum of Gallbladder Pathology: A Case-Based Approach

NM127-ED-X (Digital Education Exhibit)
Sliced by Occam's Razor: The Pitfalls of Mixed Response on PET/CT

NM128-ED-X (Digital Education Exhibit)
Evolving from an Old 18F-FDG to C¹¹-Acetate in Hepatocellular Carcinoma: What a Radiologist Must Know

NM129-ED-X (Digital Education Exhibit)
So Far, So Good: Our Experience Of Radium-223 Therapy in Patients with Castration Resistant Prostate Cancer

NM130-ED-X (Digital Education Exhibit)
Infection and Inflammation on F18-FDG PET/CT: From Diagnostic Pitfall in Oncologic Imaging to Clinical Alternative to WBC Imaging

NM131-ED-X (Digital Education Exhibit)
Simultaneous PET/MR Imaging: Innovative Technology, Advanced Physics, and Precision Imaging

NM132-ED-X (Digital Education Exhibit)
The Utility and Pitfalls of PET/CT in the Evaluation of Cancers of the Male Genitourinary Tract

NM133-ED-X (Digital Education Exhibit)
Theranostic Imaging of Neuroendocrine Tumors: 68Ga DOTA-TATE/18F-FDG & 177Lu DOTA-TATE

NM134-ED-X (Digital Education Exhibit)
18F-FDG PET/CT and Immunotherapy Assessment

NM135-ED-X (Digital Education Exhibit)
Clinical PET Imaging in Brain Tumor

NM136-ED-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Quick on the Uptake: An Animated Review of Radiopharmaceutical Uptake

NM137-ED-TUB6 (Tue, 12:45-1:15 PM, Station #6)
InSPECTing Under Stress: A Pictorial Review of Brain Perfusion SPECT Imaging in Vascular Disorders

NM138-ED-X (Digital Education Exhibit)
Retrospective SPECT-MR Fusion: A Great Problem Solving Tool

NM139-ED-X (Digital Education Exhibit)
PET-CT with 18F-FDG in the Evaluation of Infectious/Inflammatory Processes

NM140-ED-X (Digital Education Exhibit)
Expected Post Treatment Changes on FDG-PET/CT: Case-based Pictorial Review

NM141-ED-X (Digital Education Exhibit)
The Good, the Bad, and the Ugly: LTB Quantification an Unknown Tool in the Differentiation of Breast Cancer with Impact on the Prognosis Prior Biopsy

NM142-ED-X (Digital Education Exhibit)
Fluorine 18-Fluorocholine PET: Importance on the Follow-up of Brain Tumors

NM200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
The Influence of the Different Reference Area on the Quantitative Parameters in Diagnosing Parkinson's disease by 123I-Ioflupane SPECT

NM201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
I-123 MIBG Cardiac Uptake and Its Change After Surgery May Be Related to Norepinephrine Levels in Patients with Pheochromocytoma and Paraganglioma

NM202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Comparison of Early-Phase F-18 Florbetaben PET Image with F-18 Fluorodeoxyglucose Images: Diagnostic Performance and Uptake Pattern Analysis

NM203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Automated Bone Scan Index in Prostate Cancer Patients Treated with Radium-223

NM204-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Comparison of I-123 IMP SPECT, F-18 FDG PET/CT, and F-18 FDOPA PET/CT in Detection of Choroidal Malignant Melanoma

NM205-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Validity of Cholescintigraphy Gallbladder Ejection Fractions Stimulated with Ensure Plus Fatty Meal

NM206-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
The Agreement among 4 Kinds of Software in Diagnosing Therapeutic Effect of NSCLC by PERCIST Criterion: Syngo Via, MIM Maestro, Intellispace Portal and GT-PET

NM207-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Quantitative Assessment of Tc-99m MDP SPECT and Its Prognostic Value in Prostate Cancer Patients with Bone Metastasis

NM208-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Radiotracer-Guided Localization as an Aid for Thoracoscopic Resection of Small and Subsolid Pulmonary Nodules

NM209-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Heterogeneity of Amino Acid Metabolism Using Three-Dimensional Fractal Analysis of Methionine PET: Prediction of Prognosis in Glioma

NM210-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Quantitative Functional Volumetric Assessment with Tc-99m Galactosyl Serum Albumin (GSA) Using Single-Photon Emission Computed Tomography (SPECT) /CT

NM211-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Diagnostic Accuracy of FDG-PET/MR for Dementia: Impact of Atlas-Based MR Attenuation Correction

NM212-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
FDG Spleen-to-Liver Ratio Has a Greater Association with Low-Density Lipoprotein Levels and White Blood Cell Count than FDG Artery Wall Activity

NM213-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
11C-Methionine and 18F-FDG PET-CT Scans in Clinical Management of Cerebral Tumors

NM214-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
The Clinical Significance of Incidental Findings on CT Attenuation Correction Images in Myocardial Perfusion Scintigraphy

NM215-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Detection Rate of PET/CT in Patients with Biochemical Relapse of Prostate Cancer Using [68Ga] PSMA I&T and Comparison with Published Data of [68Ga] PSMA HBED-CC

NM216-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
The Correspondence between Amyloid Deposition and Hypometabolism in Mild Cognitive Impairment and Alzheimer's Disease

NM217-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Prevalence of Sodium 18F-Fluoride (NaF) Uptake in the Calcified Plaques of the Major Blood Vessels of the NaF PET/CT Scans

NM218-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Hepatobiliary Scintigraphy Diagnosis and Qualitative Categorization of Bile Leaks Correlated With Interventions and Outcomes

NM219-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Volume-based Analysis of Lung Metastases on F-18 FDG PET/CT in Differentiated Thyroid Carcinoma Patients: Association with Short-term Progression after I-131 Therapy

NM220-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Comparison of Sequential PET/CT and PET/MR in Previously Treated Multiple Myeloma Patients

NM221-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
18F-FDG-Positron-Emission-Tomography (18F-FDG-PET) has the Potential to Detect Complete Response to Anti-PD1-Therapy Two Weeks after Treatment Initiation in Patients with Advanced Melanoma: Initial Results of an Ongoing Study

NM222-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Nationwide Assessment of Nuclear Medicine Practices Regarding Diabetic Management Prior to FDG-PET CT for Oncologic Indications: From the Patient's Point-of-View

NM223-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Evaluation of Spinal Tubercular Infection Treatment Using 18F-FDG PET-CT

NM224-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Detection of Increased FDG Uptake in the Atria by PET/CT in Patients with Atrial Fibrillation

NM225-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Efficacy of Low Dose I-131 Ablation Therapy Post Total Thyroidectomy in Differentiated Thyroid Cancer

NM226-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Significantly Low Effective Dose from 18FDG PET/CT Scan Using Dose Reducing Strategies: "Lesser is Better"

NM227-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Uptake of 18F-FDG Correlates with Histopathological Subtypes and Outcome in Advanced Gastric Cancer

NM228-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Amyloid Deposits and Idiopathic Normal-Pressure Hydrocephalus: An 18F-Florbetaben Study

NM229-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Association between Intratumoral Heterogeneity Measured By FDG PET and Glucose Transporter 1 Expression and Its Prognostic Significance in Lung Adenocarcinoma

NM230-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Application of F-18 FDG PET/CT and Enhanced MRI Parameters for Detecting Malignancy in Patients with Cystic Pancreas Tumor

NM231-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Comparison of Diagnostic Performance of Three Dimensional Positron Emission Mammography versus Whole-Body Positron Emission Tomography in Breast Cancer

NM232-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
To Study Whether PET/CT Primary and Nodal Parameters are Associated with Event Free Survival in HPV+ Oropharyngeal Carcinoma Patients

NM233-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
For Acute Cholecystitis, is a HIDA Scan Necessary if a Right Upper Quadrant Ultrasound Has Been Performed?

NM234-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Geometric Distortion Effect of MRI-based Attenuation Correction on Body Coil PET/MR Image: A Modular Mapping (MOMA) Phantom Study

NM235-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Buffering the Suffering of Breast Lymphoscintigraphy

NM236-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
FDG-PET/CT in Bone-Dominant Metastatic Breast Cancer: Evaluation of Patterns of Early PERCIST Response and Time-to-Progression

NM237-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Multi-Parametric 11C-Methionine-PET/MRI for Brain Tumor Imaging Utilizing MR Fingerprinting

NM238-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Prognostic Value of Texture Analysis Using 18 F-FDG Positron Emission Tomography/Computed Tomography (PET/CT) in Patients with Follicular Lymphoma (FL) Treated With Rituximab Maintenance Therapy

NM239-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Radium-223 Dichloride Therapy in Patients with Metastatic Castration-Resistant Prostate Cancer (CRPC): Symptomatic Outcome, Safety Profile and Biomarkers

NM240-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
18F-FDG PET-CT for Monitoring Treatment Response in Extra-Pulmonary Tubercular Infections

NM241-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Is Whole-Body 18F-FDG-PET/CT Including Extremities Routinely Warranted in Sarcoma Patients?

NM242-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Prognostic Value of Metabolic Tumor Volume of Pretreatment 18F-FAMT PET in Non-Small Cell Lung Cancer

NM243-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Clinical Outcomes and Progression Pattern of Patients with Complete Metabolic Response by 18F-FDG PET-CT in Patients with Metastatic Colorectal Carcinoma

NM244-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Computed SUV Derived from Voxel-Based SUV-ADC Scatter Plots in FDG-PET/MR Hybrid Imaging of Soft Tissue Tumors

NM245-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Comparison of Integrated 18F-FDG PET/MRI Without Contrast Agents and Dynamic Contrast-enhanced MRI in Evaluating FIGO Stage in Uterine Cancer: A Preliminary Study

NM246-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Quantification of Metabolic Activity in Lung Cancer: Does Correction for the Effect of Blood Glucose Level Matter?

NM247-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Added Value of SPECT/CT in Localizing Overly-Descended Superior Parathyroid Adenomas

NMS-SUA (Sun, 12:30-1:00 PM)
Nuclear Medicine Sunday Poster Discussion

Obstetrical Imaging

OB001-EB-X (Hardcopy Backboard)

What Does It Look Like? A Multimodal Pictorial Essay of the ESHRE-ESGE Classification for Mullerian Duct Anomalies

OB002-EB-X (Hardcopy Backboard)

Malignant Lesions Of Fallopian Tube: Imaging-Pathologic Correlation

OB100-ED-X (Digital Education Exhibit)

Ovarian Pitfalls on Sonography and How to Avoid Them

OB101-ED-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Multimodality Imaging Appearance of Ovarian Torsion: A Review of Sonographic, CT and MRI Findings and Differential Diagnostic Considerations

OB102-ED-X (Digital Education Exhibit)

Refresh Your Anatomical Knowledge of the Female Pelvis: For the Correct Diagnosis and Treatment

OB103-ED-X (Digital Education Exhibit)

Ovarian Mature Cystic Teratoma (Dermoid): Emphasis on Ultrasound with Multimodality Correlation

OB104-ED-MOA1 (Mon, 12:15-12:45 PM, Station #1)

Evaluation of the Cervix and Lower Uterine Segment in Pregnancy

OB105-ED-X (Digital Education Exhibit)

Is This a Benign or Malignant Lesion in Gynecological MR Imaging?

OB106-ED-X (Digital Education Exhibit)

Deeply Improved Value: Structured Reporting for Deep Infiltrating Endometriosis

OB107-ED-X (Digital Education Exhibit)

Prenatal and Postnatal MRI Diagnosis of Cerebral Tuberos Sclerosis

OB108-ED-MOB1 (Mon, 12:45-1:15 PM, Station #1)

Pus and Tubes: A Resident's Guide to the Spectrum of Gynecologic Infections and Mimickers

OB109-ED-X (Digital Education Exhibit)

Not Quite Right: Abnormally Positioned Gestational Sac - Pearls and Pitfalls

OB110-ED-TUA1 (Tue, 12:15-12:45 PM, Station #1)

Uterine Vascular Abnormalities: Uterine Arteriovenous Malformations (AVM) and its Mimics

OB111-ED-X (Digital Education Exhibit)

Puerperal Emergencies: In Which Cases Does Ultrasound Make a Difference?

OB112-ED-TUB1 (Tue, 12:45-1:15 PM, Station #1)

Doppler for Babies! A Guide to the Performance and Interpretation of Doppler in Obstetric Ultrasound

OB113-ED-X (Digital Education Exhibit)

Guided Tour of Hidden Tracts in the Pelvis: Exploring Pelvic Fistulas

OB114-ED-WEA1 (Wed, 12:15-12:45 PM, Station #1)

Revisit of Adenomyosis: Typical and Atypical Manifestations and Pitfalls

OB115-ED-X (Digital Education Exhibit)

Highlight the Importance of the Levator Ani (LA) Muscle for Diagnosis of Pelvic Floor (PF) Aging: Relationship between the LA Muscle Configuration on MRI/CT and PF Aging

OB116-ED-WEB1 (Wed, 12:45-1:15 PM, Station #1)

Isolated Fallopian Tube Torsion: A Twisted Diagnosis

OB117-ED-X (Digital Education Exhibit)

MR Imaging of the Uterine Cervix Adenocarcinoma and Other Rare Cervical Tumors

OB118-ED-X (Digital Education Exhibit)

Fetal MR Imaging of Ventral Body Wall Defects: Pearls and Pitfalls

OB119-ED-X (Digital Education Exhibit)

Adenomyosis in 2017: An Ultrasound Diagnosis

OB120-ED-X (Digital Education Exhibit)

Different Faces of Ectopic Pregnancy: A Pictorial Story

OB121-ED-X (Digital Education Exhibit)

Tumors and Tumor-like Conditions of the Vulva and Vagina

OB122-ED-X (Digital Education Exhibit)

Endometrial Cancer Staging: A Resident's Primer

OB123-ED-X (Digital Education Exhibit)

Mucinous Ovarian Tumors: An Imaging Guide For Reporting Radiologists

OB124-ED-X (Digital Education Exhibit)

Cervical Cancer: Role of MR Imaging in Intracavitary Brachytherapy Planning Including Pre and Post Therapy Imaging

OB125-ED-X (Digital Education Exhibit)

Three-Dimensional Ultrasound Evaluation of Displaced Contraceptive Devices

OB126-ED-X (Digital Education Exhibit)

Deep Pelvic Endometriosis: What the Surgeon Wants to Know

OB127-ED-X (Digital Education Exhibit)

Diagnostic and Therapeutic Strategy for Adnexal Tumors and Tumor-Like Lesions with Preserved Ovarian Follicles: A Comprehensive Review and Diagnostic Impact of Advanced MR Techniques

OB128-ED-X (Digital Education Exhibit)

What the Radiologist Needs to Know About the Female Genital Organs and Their Suspensory Ligaments: A Pictorial Review

OB129-ED-X (Digital Education Exhibit)

Challenges in the Imaging of Abnormal Placentation

OB130-ED-X (Digital Education Exhibit)

Fetal MRI: In Utero Imaging of the Developing Fetus a Comprehensive Review of Body Anomalies

OB131-ED-X (Digital Education Exhibit)

How to Deal with an Alpha: Causes Of Abnormal Maternal Serum Alpha Fetoprotein during Pregnancy

OB132-ED-X (Digital Education Exhibit)

Adnexal Tumors Associated With another Adnexal Tumors: Wide Spectrum of Clinical and Imaging Manifestations, Differential Diagnosis and Pitfalls

OB133-ED-THA1 (Thu, 12:15-12:45 PM, Station #1)

Comprehensive Diagnostic Strategy for Adnexal Hemorrhagic Masses with Advanced MR Techniques

OB134-ED-X (Digital Education Exhibit)

Many Faces of Uterine Leiomyomas: Usual, Unusual Imaging Manifestations, Pitfalls, and Problem-Solving MR Techniques

OB135-ED-X (Digital Education Exhibit)

State-Of-The-Art Reduced Field-Of-View Diffusion-Weighted Imaging of Uterine Cancers: Diagnostic Impact in Lesion Detection, Differential Diagnosis and Clinical Staging

OB136-ED-X (Digital Education Exhibit)

Musculoskeletal Abnormalities on Fetal MRI: Correlation With Clinical and Pathology Findings

OB137-ED-X (Digital Education Exhibit)

MRI in the First Trimester of Pregnancy: Indications, Findings and Management

OB138-ED-X (Digital Education Exhibit)

Congenital Diaphragmatic Hernia: A Gut-Wrenchingly Difficult Diagnosis

OB139-ED-X (Digital Education Exhibit)

US Evaluation of Uterine Cervical Lesions

OB140-ED-X (Digital Education Exhibit)

A Scheme-inductive Algorithmic Approach to First Trimester Ultrasound

OB141-ED-X (Digital Education Exhibit)

Goodness, Gracious, Great Balls of Fibroids!: A Comprehensive Multimodality Imaging Review of Leiomyomas

OB142-ED-X (Digital Education Exhibit)

Ovarian Solid Tumors: MR Imaging Features with Radiologic-Pathologic Correlation

OB143-ED-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Ultrasound Bubbles in Ovarian Troubles

OB144-ED-X (Digital Education Exhibit)

Endometrial Thickening: Not Always That Simple!

OB145-ED-X (Digital Education Exhibit)

The Spectrum of Sonographic Findings of Pelvic Endometriosis: Pearls, Pitfalls and Mimics

OB146-ED-X (Digital Education Exhibit)

Multimodality Imaging of Recurrent Cervical Cancer: Recognizing Patterns and Their Implications in Prognosis and Management

OB147-ED-X (Digital Education Exhibit)

Pelvic MRI: What the Infertility Specialist Wants to Know

OB148-ED-X (Digital Education Exhibit)

Post Pregnancy Bleeding: The Spectrum of Normal to the Abnormal

OB149-ED-X (Digital Education Exhibit)

Pelvic Congestion Syndrome: A Controversial but Real Entity

OB150-ED-X (Digital Education Exhibit)

Staging of Gynecological Tumors with MR Imaging: A Interactive Atlas

OB151-ED-X (Digital Education Exhibit)

Baby Mama Drama: Maternal Pathologic Conditions During Pregnancy

OB152-ED-X (Digital Education Exhibit)

Understanding Malignant Endometriosis: Imaging features with Pathologic Correlation

OB153-ED-THB1 (Thu, 12:45-1:15 PM, Station #1)

Fetal MR Imaging of CNS Anomalies Associated with Absence of the Cavum Septi Pellucidi

OB154-ED-X (Digital Education Exhibit)

MR Imaging of Bowel Endometriosis: Options and Implications for Surgical Management

OB155-ED-X (Digital Education Exhibit)

Ovarian Cancer Screening: Current Data and Controversies

OB156-ED-X (Digital Education Exhibit)

Magnetic Resonance Imaging Findings of Vulva: Key Points for Making Differential Diagnosis

OB157-ED-X (Digital Education Exhibit)

Ultrasound of the First Trimester Pregnancy

OB158-ED-X (Digital Education Exhibit)

When the Bubble Bursts: Diagnosing Ruptured Endometriomas

OB159-ED-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Fetal Neuroanatomy on Ultrasound and MRI: Imaging Correlation with Pathology

OB160-ED-X (Digital Education Exhibit)

Imaging Features of the Therapeutic Changes and the Spectrum of Recurrence of Cervical Cancer

OB161-ED-X (Digital Education Exhibit)

MR Imaging Findings of Polypoid Mass in the Uterus Endometrial Cavity: What is a Differential Diagnosis?

OB162-ED-X (Digital Education Exhibit)

An Imaging Lexicon of Ovarian Masses by Histological Subtype

OB163-ED-X (Digital Education Exhibit)

Aberrant Vasculature in the Fetus: When the Vascular Conduits Look Different

OB164-ED-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Ultrasound Elastography of the Female Pelvis: The Hard and Soft Facts

OB165-ED-X (Digital Education Exhibit)

Endometriosis: Roadmap for Diagnosis

OB166-ED-X (Digital Education Exhibit)

Twists and Turns: Sonographic Spectrum of Fallopian Tube Pathologies

OB167-ED-TUA2 (Tue, 12:15-12:45 PM, Station #2)

Variations and Complications of Ovarian Teratoma: Imaging and Pathological Features

OB168-ED-X (Digital Education Exhibit)

Matched and Unmatched Gadolinium Enhancement and Diffusion Restriction in Lesions of the Female Pelvis

OB169-ED-X (Digital Education Exhibit)

New Kids After the Block? Hysterosalpingography Findings Following Fibroid Uterine Artery Embolization

OB170-ED-TUB2 (Tue, 12:45-1:15 PM, Station #2)

The Endgame: Pictorial Review of Normal and Pathologic Sonographic Appearances of the Endometrium

OB171-ED-X (Digital Education Exhibit)

MRI for Radiotherapy Planning of HPV-associated Gynecologic Cancers: What the Radiologist Needs to Know

OB172-ED-WEA2 (Wed, 12:15-12:45 PM, Station #2)

Diagnosing Invasive Placentation: Image Based Evidence for Complementary Roles of Ultrasound and MRI

OB173-ED-X (Digital Education Exhibit)

MR Imaging Findings of Morphological Changes and Complications after Drug Treatment in the Gynecologic Oncology

OB174-ED-X (Digital Education Exhibit)

Below the Belt: A Review of Lower Reproductive Tract Cystic Lesions

OB175-ED-X (Digital Education Exhibit)

Post-operative Appearances after Female Pelvic Floor Surgery: Using MRI for Problem Solving

OB176-ED-X (Digital Education Exhibit)

Ovarian Masses with Solid Tissue Characterization at MR Imaging: An Algorithmic Approach

OB177-ED-X (Digital Education Exhibit)

Ovarian Teratomas: A Comprehensive State-of-the-Art Review

OB178-ED-X (Digital Education Exhibit)

Female and Male Infertility: When the Puzzle Starts

OB179-ED-X (Digital Education Exhibit)

Imaging Appearance and Non-surgical Management of Pelvic Venous Congestion Syndrome

OB180-ED-WEB2 (Wed, 12:45-1:15 PM, Station #2)

Placental Disorders during Pregnancy: A Pictorial Review with Histopathological Correlation

OB181-ED-THA2 (Thu, 12:15-12:45 PM, Station #2)

Ectopic Pregnancy in Common and Uncommon Locations: A Systematic Approach to Making the Diagnosis and Avoiding Complications

OB182-ED-X (Digital Education Exhibit)

Utility of the MRI in the Acute Abdomen in Pregnancy: What the Gynecologist Doesn't Expect

OB183-ED-X (Digital Education Exhibit)

TB Or Not TB - That Is the Question: Hysterosalpingographic Appearances Following Tuberculous Infection of the Pelvis and Female Genital Tract

Pediatric Radiology

PD001-EC-X (Custom Application Computer Demonstration)
Improved Understanding of Pediatric Anterior Mediastinal Masses through Stereoscopic Visualization of Segmented Pathology

PD002-EB-X (Hardcopy Backboard)
Sonographic Findings of Ectopic Thyroid: What Radiologists Need To Know

PD003-EB-TUB (Tue, 12:45-1:15 PM, Hardcopy Backboard)
Multisystem Manifestations of Haemolytic Uremic Syndrome: A Pictorial Review

PD004-EB-X (Hardcopy Backboard)
3D Printing and Augmented Reality Help Surgeons Visualize Tumor: Our Role in Radiology

PD005-EB-X (Hardcopy Backboard)
Spectrum of Pineal Region Tumors in Pediatric Patients: A Pictorial Review

PD006-EB-X (Hardcopy Backboard)
Getting on Your Nerves: A Review of Pediatric Spinal Abnormalities Presenting as Neurologic Deficits

PD007-EB-THB (Thu, 12:45-1:15 PM, Hardcopy Backboard)
The Pediatric Cervical Spine at a Breakneck Pace: A Multimodality Imaging Review

PD008-EB-X (Hardcopy Backboard)
Comprehensive Review of Pediatric Liver MR Elastography (MRE): Techniques, Tips, and Common Indications

PD009-EB-X (Hardcopy Backboard)
There's a Fungus Among Us: Imaging of Endemic Fungal Infection in the Pediatric Population

PD100-ED-X (Digital Education Exhibit)
Diffusion Tensor Imaging and Tractography of Pediatric Brain Tumors: Current Status and Future Prospective

PD101-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Meso-Rex Bypass: What the Radiologist Needs to Know

PD102-ED-X (Digital Education Exhibit)
Ultrasound for Anorectal Malformation: Radiologists Play an Important Role in Deciding On a Surgical Approach

PD103-ED-X (Digital Education Exhibit)
Neuroimaging of Abusive Head Trauma: Beyond Subdural Hematomas

PD104-ED-X (Digital Education Exhibit)
Micro CT: Principles, Techniques and Implications for Perinatal Skeletal Anomalies

PD105-ED-X (Digital Education Exhibit)
A Pictorial Review of Non-Traumatic, Non-Oncological Pediatric Neurological Emergencies

PD106-ED-X (Digital Education Exhibit)
Pictorial Review of Neonatal Brain Ultrasound: Through the Soft Spot

PD107-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Pediatric Imaging Using Contrast Enhanced Ultrasound: Current and Future Applications

PD108-ED-X (Digital Education Exhibit)
Diverse Imaging Features of Primary Hyperoxaluria

PD109-ED-X (Digital Education Exhibit)
Fetal MRI in Twin Pregnancies: Technical Considerations and Neuroimaging Abnormalities

PD110-ED-X (Digital Education Exhibit)
Imaging Neurofibromatosis from Birth to Adulthood: A Systemic Review

PD111-ED-X (Digital Education Exhibit)
Ultrasound in Neonatal Cranial Hemorrhages: From the Subcutaneous to the Brain

PD112-ED-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Hypoxic-Ischemic Encephalopathy: Ultrasonographic Approach to a Catastrophic Natural History with MRI Correlation

PD113-ED-X (Digital Education Exhibit)
Pediatric Bilateral Basal Ganglia Lesions: A Pattern Based Approach

PD114-ED-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Tip of the Tongue Diagnosis: Imaging Appearance of the Most Common Congenital Oral Masses

PD115-ED-X (Digital Education Exhibit)
Breast Lesions in Children and Adolescent: Self-Assessment for Diagnosis and Management

PD116-ED-X (Digital Education Exhibit)
Congenital Pediatric Neck Masses

PD117-ED-X (Digital Education Exhibit)
Shedding Light on the Dark Thalami: A Clinico-Radiological Approach

PD118-ED-X (Digital Education Exhibit)
Classification of the Most Common Pediatric Soccer Injuries: Our Nine Years Experience with Young Athletes from the Sports Medicine Clinic

PD119-ED-TUB6 (Tue, 12:45-1:15 PM, Station #6)
 Focused Thoracic Ultrasonography for the Elucidation of Radiolucent Areas in Critically Ill Neonates and Pediatric Patients' Chest X-Ray

PD120-ED-WEA6 (Wed, 12:15-12:45 PM, Station #6)
 Don't Get Burned: Mimics of Chronic Recurrent Multifocal Osteomyelitis (CRMO)

PD121-ED-X (Digital Education Exhibit)
 Vascular Anomalies of the Pediatric Native Liver

PD122-ED-X (Digital Education Exhibit)
 Imaging in Guided Growth for Correction of Pediatric Lower Extremity Angular Deformities: What Should Radiologists Know?

PD123-ED-X (Digital Education Exhibit)
 Like It Or Lump It: A Pictorial Quiz of Ultrasound Assessment for Pediatric Lumps and Bumps

PD124-ED-X (Digital Education Exhibit)
 Xantogranulomatous Pyelonephritis in Children: Clinical, Radiological, Surgical and Pathological Features

PD125-ED-X (Digital Education Exhibit)
 Apophyseal Injuries in Young Football Players: What the Radiologist Should Know

PD126-ED-WEB6 (Wed, 12:45-1:15 PM, Station #6)
 Pediatric Cephaloceles: A Pictorial Review with Radiologic, Surgical and Pathologic Correlation

PD127-ED-X (Digital Education Exhibit)
 Hip Hop You Don't Stop: Multi-modality Imaging Characteristics of Pediatric Hip Pain

PD128-ED-X (Digital Education Exhibit)
 Updates on Pathophysiology and Imaging of Abusive Head Trauma

PD129-ED-X (Digital Education Exhibit)
 Classification and Treatment of Pediatric Vascular Anomalies: A Pictorial Review

PD130-ED-X (Digital Education Exhibit)
 All That Glitters is Not Wrong

PD131-ED-X (Digital Education Exhibit)
 Pediatric Stroke: A Multidisciplinary Approach towards the Assessment of a Stroke Unit

PD132-ED-X (Digital Education Exhibit)
 3T MRI Findings of the Reasons of Intractable Epilepsy in Children

PD133-ED-X (Digital Education Exhibit)
 Emergent Imaging in Pediatric Spine Trauma

PD134-ED-X (Digital Education Exhibit)
 Hand Polydactyly: Rule of Thumb for Radiologic Diagnosis

PD135-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
 Beyond Microcephaly: Neuroimaging Findings Of Congenital Zika Virus (ZIKV), Toxoplasmosis and Cytomegalovirus (CMV) Infections

PD136-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)
 Autoinflammatory Diseases in Childhood: What Are They and How Can We Recognize Them?

PD137-ED-X (Digital Education Exhibit)
 Early and Late Complications after Pediatric Liver Transplantation: Role of Imaging and Interventional Radiology

PD138-ED-X (Digital Education Exhibit)
 Multidisciplinary Management of Neuroblastoma: The Role of the Radiologist

PD139-ED-X (Digital Education Exhibit)
 Connective Tissue Disorders in Childhood: Are They All the Same?

PD140-ED-X (Digital Education Exhibit)
 Congenital Urinary Tract Dilation: A Case-Based Argument for Standardizing Ultrasound Protocols Between Prenatal and Pediatric Imaging

PD141-ED-MOA7 (Mon, 12:15-12:45 PM, Station #7)
 Role of Whole-body MRI in the Clinical Evaluation of Pediatric Cancer: State of the Art

PD142-ED-X (Digital Education Exhibit)
 Correlation between Neurosonography Findings and Magnetic Resonance Imaging in Infants Exposed To Zika Virus Infection in Utero

PD143-ED-X (Digital Education Exhibit)
 Congenital Renal Anomalies: In-Utero Diagnosis and Pediatric Imaging Findings

PD144-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)
 Gastroschisis: Far Beyond Intestinal Herniation

PD145-ED-X (Digital Education Exhibit)
 Cerebral Hemiatrophy Syndromes Presenting As Childhood Intractable Seizures

PD146-ED-X (Digital Education Exhibit)
 Imaging the Cerebral Complications of Extracorporeal Membrane Oxygenation (ECMO) In Infancy: A Cranial Ultrasound Pictorial Review With Multimodality Correlation

PD147-ED-X (Digital Education Exhibit)
 US Findings In the Evaluation of Neonatal Encephalopathy

PD148-ED-X (Digital Education Exhibit)

Cerebellar Involvement in Metabolic Disorders: A Pattern-Recognition Approach

PD149-ED-TUA7 (Tue, 12:15-12:45 PM, Station #7)

Optimization of Contrast Material Injection Technique for Cardiac CT with Contrast Noise Ratio (CNR) Based Dose Modulation Technique: Experience in Neonates with Congenital Heart Disease

PD150-ED-X (Digital Education Exhibit)

Pitfall for Automatic Tube Current Modulation Technique in Pediatric CT Examination

PD151-ED-MOB6 (Mon, 12:45-1:15 PM, Station #6)

Before We Are Born: Essentials of Congenital Malformations of the Gastrointestinal Tract

PD152-ED-X (Digital Education Exhibit)

Macrocephaly: Imaging Diagnostic Characteristics and Clinical Cases

PD153-ED-X (Digital Education Exhibit)

Microcephaly: Imaging Diagnostic Characteristics and Clinical Cases

PD154-ED-X (Digital Education Exhibit)

Impending Fetal Demise: Ominous MR Imaging Signs and Patterns

PD155-ED-X (Digital Education Exhibit)

Revisiting Perinatal Imaging of Lung Malformations: A Pictorial Essay

PD156-ED-X (Digital Education Exhibit)

Retroperitoneal Masses in Children: A Case-Based Review

PD157-ED-X (Digital Education Exhibit)

Neck Masses in Children: A Practical Approach to Imaging Diagnosis

PD158-ED-X (Digital Education Exhibit)

Pediatric Tumors of the Sacrum: A Guide through Key Clinical and Imaging Features

PD159-ED-WEA7 (Wed, 12:15-12:45 PM, Station #7)

Unilateral Hyperlucent Hemithorax: A Tutorial with Helpful Tips to a Proper Diagnosis

PD160-ED-X (Digital Education Exhibit)

Pediatric Leukocoria: What Are We Looking For?

PD161-ED-WEB7 (Wed, 12:45-1:15 PM, Station #7)

Understanding Genetics in Pediatric Neuroradiology

PD162-ED-X (Digital Education Exhibit)

Congenital Limb-Length Discrepancy and Associated Vascular Anomalies: An Imaging Review of Presentation, Differential Diagnosis, and Treatment Options

PD163-ED-X (Digital Education Exhibit)

Can We Be Functional? A Practical Approach of Urinary Tract Malformations by Functional MR Urography

PD164-ED-X (Digital Education Exhibit)

Pancreatic Lesions in Children on MRI

PD165-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)

PET/MRI in Pediatrics Sarcoma: Clinical Applications, Technical Considerations and Pitfalls

PD166-ED-X (Digital Education Exhibit)

Radiologic Findings of Nissen Fundoplication and Its Complications in Pediatric Patients

PD167-ED-X (Digital Education Exhibit)

Imaging Plethora of Pediatric Scrotal Ultrasound: Emphasis on Unexpected Findings

PD168-ED-X (Digital Education Exhibit)

Pediatric Liver Masses

PD169-ED-MOB7 (Mon, 12:45-1:15 PM, Station #7)

State-of-the-Art Dual Source CT Techniques for Decreasing Radiation Dose and Sedation Requirements in Infants and Young Children

PD170-ED-X (Digital Education Exhibit)

Neonatal Head Ultrasound: Review of Technique, Normal Anatomy, Pathology and Pitfalls

PD171-ED-X (Digital Education Exhibit)

Ultrasound Imaging of Pediatric Neck Masses: What Radiologists Need To Know

PD172-ED-X (Digital Education Exhibit)

Radiation Dose Reduction with Low Tube Voltage and Iterative Reconstruction for Pediatric CT

PD173-ED-X (Digital Education Exhibit)

Pediatric Brain Tumor Genetics: What the Radiologist Needs To Know

PD174-ED-X (Digital Education Exhibit)

Dural-Based Mass in Children: Case Series

PD175-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)

An Illustrated Ultrasound Guide to Pediatric Non-Neoplastic Scrotal Masses

PD176-ED-X (Digital Education Exhibit)

Solid Hepatic Lesions in the Child and Adolescent: Key Clinico-Radiologic Features and Pathologic Correlation

PD177-ED-X (Digital Education Exhibit)

Multimodality Assessment of Pediatric Esophagus: A Pictorial Review

PD178-ED-X (Digital Education Exhibit)

Decoding Retinoblastoma: Everything that the Radiologist Must Know

PD200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

MR Imaging of Fetal Situs Anomalies

PD201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Evaluation of Early MRI and Passive Colling for Neonates with Hipoxic Isquemic Encephalopathy in a Single Tertiary Center in Latin America

PD202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

Sonographic Analysis of Breast Lesions in Children and Adolescents: Characteristics and Management

PD203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)

The Application Value of Magnetic Resonance Imaging Acoustic Reduction Technique in Infants and Young Children

PD204-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)

The Diagnostic Utility of Abdominal Ultrasonography and Plain Radiography in Children with Clinical Suspicion of Gastrointestinal Tract Obstruction

PD205-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

The Comparison of 3D Fetal Images Obtained By Ultrasound and Magnetic Resonance Imaging in the Third Trimester

PD206-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

Semi-quantitatively Assess Myelination Progress of Subcortical White Matter During 6-48 Months Using T2 Weighted Imaging

PD207-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)

Coronary Artery Anomalies in Free-Breathing Children with Congenital Heart Disease by Low-Dose Dual-Source CT Angiography

PD208-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Diagnostic Accuracy of low-Dose Dual-Source Computed Tomography Angiography as Compared to Surgery in Univentricular Heart Patients

PD209-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)

Impact of Intrauterine Hypoxia on Alveolar Development of Newborn Rats: A Comparative Study of CT Lung Volume Imaging and Pathology

PD210-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

Utility of Joint Screening by Ultrasonography (US) in Children and Young Adults with Hemophilia: Comparison with Radiograph

PD211-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Initial Clinical Evaluation of Stationary Digital Chest Tomosynthesis in Patients with Cystic Fibrosis

PD212-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)

The Prevalence and Associations of Head and Neck Conditions on Fetal MRI in a Tertiary Care Center

PD213-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)

Assessment of Aberrant Artery in Pulmonary Sequestration by Fetal MRI: The Utility of a Single Shot Turbo Spin Echo Sequence

PD214-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)

18F-FDG-PET/MRI for Primary Staging and Therapy Response Assessment in Pediatric Oncology: When Do We Need It and Is It Sufficient?

PD215-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)

A Comparison of Contrast-Enhanced and Contrast-Enhanced Silhouette MRI in the Initial Stage of Legg-Calvé-Perthes Disease

PD216-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)

Risk Estimation for Biliary Atresia in Neonatal Cholestasis: Development and Validation of a Predictive Model and Scoring System

PD217-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)

Correlation of Longitudinal Change of Hepatic R2* with Proton Density Fat Fraction Estimated By Magnitude-Based MRI

PD218-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)

An Improvement of Bone Age Assessment Method for Clinical Application Using Deep Learning

PD220-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)

What Can the Single Axial Rotation with 16cm Wide-Detector Bring In Imaging Infant Lungs? Comparison between 256-Raw CT and 64-Raw CT

PD221-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)

Contrast Enhanced Ultrasound (CEUS) in the Diagnosis of Pediatric Focal Nodular Hyperplasia and Hepatic Adenoma: Intra- and Inter-Observer Reliability

PD222-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)

B-Mode Ultrasonography in Pediatric Maxillary Sinusitis: A Comparison with Computed Tomography and Conventional Radiography

PD223-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)

Magnetic Resonance Urography with Emphasis on Functional Analysis in Unsedated Children

PD224-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)

Diagnostic Accuracy of Renal Ultrasonography for Vesicoureteral Reflux in Children

PD225-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)

High Pitch Spiral Dual Source CT for Evaluation of Truncus Arteriosus

PD226-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Comparison of Hepatic Shear Wave Elastography in Children under Free-Breathing and Breath-Hold Conditions

PD227-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Is Pre-procedure Bloodwork Necessary in Children Undergoing Elective Removal of Tunneled Central Venous Access Devices (CVLs)

PD228-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
The Whole Nine Yards on Biodegradable Biliary Stents in Children: What We've Seen and Done

PD229-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Epidemiological Profile of Children with Dislocated Hip Due to Hip Dysplasia Diagnosed by Ultrasound Examination with Graf's Methodology

PD230-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Capitato-Hamate Planimetry Method for Bone Age Assessment

PD231-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Appropriate Radiological Projections of Conventional Imaging to Display Postoperative Elongation Callus with Truelok Ring Fixation System®

PD232-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Diffusion Kurtosis Imaging Demonstrating Microstructural Changes of Neonatal Bilirubin Encephalopathy

PD233-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Pontine and Cerebellar Injury in Neonatal Hypoxic-Ischemic Encephalopathy: MRI Features and Clinical Outcome

PD234-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Percutaneous Ultrasound-Guided Sclerotherapy of Orbital Lymphatic Malformations in Children: An Initial Single-Center Experience

PD235-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
A Comparative Study of Automatic Hand Bone Age Assessment Systems

PD236-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Voxel-Based Morphometry and Machine Learning Based Classification and Lateralization in Children of Mesial Temporal Lobe Epilepsy with Hippocampal Sclerosis

PD237-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Abnormal Thalamocortical Functional Connectivity during Non-rapid Eye Movement Sleep in Children Suffer From Primary Nocturnal Enuresis

PD238-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Abnormal Neurite Orientation Dispersion and Density of White Matter in Children Suffer From Primary Nocturnal Enuresis

PD239-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Percutaneous Lymphatic Embolization for Management of Plastic Bronchitis in Single Ventricle Physiology: A Cost-Effectiveness Analysis

PD240-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Determination of the Best ASIR-V Blending Level for Low-Dose Pediatric Chest CT

PD241-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Effect of Patient Characteristics on Vessel Enhancement at Cardiac CT Angiography in Pediatric Patient

PD242-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Protocol Standardization on a CT Console to Show Age Definition as an Easy Way to Optimize Radiation Dose for Pediatric Head CT

PD243-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Radioprotection Campaign and Radioprotection Wallet: Educational Strategies that Reduce Children's Excessive Exposure to Radiological Exams in Brazil

PD244-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
A Correlation Study of Congenital Deafness Auditory Pathway and Speech Center and Cochlear Implant Rehabilitation using DTI

PD245-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Arterial Spin Labeling MRI for Quantitative Assessment of Cerebral Perfusion Before and After Cerebral Revascularization in Children with Moyamoya Disease

PD246-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Feasibility of Radiation Dose Reduction with New CNR Index and Low-Tube Voltage at Pediatric Cardiac CTA

PD247-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
MRS, DWI, DTI Characteristics of the Brain Tissue in Normally Developing Children and in Children with Toxic and Metabolic Disorders

PD248-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Radiology of Pulmonary Infections in HIV Infected Children

PD249-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Abdominal Ultrasound for Predicting Surgical Management of Necrotizing Enterocolitis in Infants: a Systematic Review

PD250-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Magnetic Resonance Imaging in Children Presenting Migraine with Atypical Aura: Association of Hypoperfusion Detected By Arterial Spin Labeling and Vasospasm on MR Angiography Findings

PD251-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Initial MRI at Pediatric-Onset Neuromyelitis Optica: The Challenge of Diagnosis

Physics

PH001-EB-X (Hardcopy Backboard)

Smoke and Mirrors: A Review of the Top Artifacts on CT, MR, Ultrasound, and Molecular Imaging That Residents Should Know

PH002-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)

Porcine Cardiac Imaging using Prospective Electrocardiogram Gated Stationary Digital Tomosynthesis

PH003-EB-X (Hardcopy Backboard)

Management of Radiation exposure in Fluoroscopy Systems with an Over-the table X-ray Tube for Upper Gastrointestinal (Barium Meal) Examination

PH004-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)

Photon Counting Detector CT: System Design and Clinical Applications of an Emerging Technology

PH005-EB-X (Hardcopy Backboard)

The Physics of Diffusion MRI and its Applications in Oncology

PH006-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)

Ultra-Short Pulse Operation of Digital X-Ray Tubes with Carbon Nanotube Electron Emitters for High-Performance Medical Imaging

PH007-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)

A New Quantitative Index For the Noise Power Spectrum at CT: Correlation with Subjective Nodule Detectability on CT Images

PH008-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)

CT Imaging Phantom for Mimicking Pulmonary Diseases and Validation Using 3D Printing Technology

PH009-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)

Evaluation of Eye Radiation Exposure of Medical Workers: What is the Most Desirable Method?

PH100-ED-X (Digital Education Exhibit)

Approaching Motion on MR Imaging

PH101-ED-X (Digital Education Exhibit)

Potential Exposure Dose Reductions During Digital Breast Tomosynthesis Using a Novel Compressive Sensing Algorithm

PH102-ED-X (Digital Education Exhibit)

3D Printing of a Tissue Realistic Anthropomorphic Abdominal Phantom

PH103-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)

Multicontrast MRI with Quantitative Mapping: It's Magic!

PH104-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)

Essential Knowledge About Gadolinium Contrast Agents on Magnetic Resonance Imaging to Plan Optimal Contrast Enhancement Protocols: Graphic Demonstration Using a Computer Simulation

PH105-ED-X (Digital Education Exhibit)

Can Ultra-high-resolution CT that Achieves Reduction in the Partial Volume Effect Reduce the Amount of Contrast Medium Required?

PH106-ED-MOA9 (Mon, 12:15-12:45 PM, Station #9)

Virtual High-Dose (VHD) Technology: Radiation Dose Reduction in Digital Breast Tomosynthesis (DBT) by Means of Supervised Deep-Learning Image Processing (DLIP)

PH107-ED-X (Digital Education Exhibit)

High-quality 2D and 3D Angiography CT Imaging of Pancreato-Biliary Diseases with Low Tube Voltage, Small Focal Spot and Iterative Model Reconstruction Techniques

PH108-ED-X (Digital Education Exhibit)

A Radiation Protection & Diagnostic Radiology eLearning Module Developed to Improve Healthcare Professionals Knowledge

PH109-ED-X (Digital Education Exhibit)

Optimization of Radiation Dose and Image Quality in Abdomen CT using Pre-set and Post-recon ASIR-V Tips: What the Radiologists Should Know

PH110-ED-X (Digital Education Exhibit)

Real-time Management of Patient Radiation Dose during Interventional Radiology

PH111-ED-X (Digital Education Exhibit)

Thimble Ionization Chamber and Solid-State Detector: Which is Better for Measuring Equilibrium Dose in Computed Tomography?

PH112-ED-X (Digital Education Exhibit)

Unboxing Contrast Enhanced MRI Perfusion Techniques and Their Analysis Models: A Primer for Technicians and a Reminder for Radiologists

PH113-ED-X (Digital Education Exhibit)

How Deep Should We Go with Deep Learning in Medical Image Analysis?

PH114-ED-X (Digital Education Exhibit)

CSF Flow Artifacts: The Radiologist's Frenemy

PH115-ED-X (Digital Education Exhibit)

Technological Factors for Realizing State-of-the-art Ultra-high-resolution CT and Its Clinical Impact: What the Radiologist and Radiological Technologist Needs to Know

PH116-ED-X (Digital Education Exhibit)

Deep Learning in Medical Image Analysis: What's Next?

PH117-ED-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Arm Artifact Reduction Techniques for Computed Tomographic Images: Has the Problem Been Overcome by Existing Techniques?

PH118-ED-X (Digital Education Exhibit)
Monochromatic Images in Spectral CT: The New Technology of CT Imaging in CT Angiography

PH119-ED-X (Digital Education Exhibit)
Neuroimaging Problem Solving on MRI with Dynamic Susceptibility Contrast Perfusion Weighted Imaging, Proton Magnetic Resonance Spectroscopy, and Diffusion Weighted Imaging: Basic Physics and Clinical Applications for Residents and Fellows

PH120-ED-X (Digital Education Exhibit)
Monte Carlo Based Platform for Personalized Pediatric Dosimetry in Nuclear Medicine Applications

PH121-ED-X (Digital Education Exhibit)
From Chernobyl to Radiology Physics: A Lesson to Remember

PH122-ED-X (Digital Education Exhibit)
Clinical Applications of Digital Tomosynthesis: When and How Useful?

PH200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Can Iterative Reconstruction Methods Improve Low-Contrast Detectability?

PH201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
New Usage of Size-Specific Dose Estimate: Development of Organ Dose Analysis Calculation New Software

PH202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
DeepLesion: Automated Deep Mining, Categorization and Detection of Significant Radiology Image Findings using Large-Scale Clinical Lesion Annotations

PH203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Potential of Photon Counting Technique for Next-Generation Type X-Ray Diagnostic System: To Provide New Medical Image Concerning Effective Atomic Numbers Using Plain X-Ray

PH204-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Task-Based Optimal Dose Partitioning In Dual-Energy CT for Virtual Non-Contrast and Iodine Imaging

PH205-SD-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Characteristics of MRI Patents Approved by the U.S. Patent and Trademark Office in 2016

PH206-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Influence of Ultrasound-Targeted Microbubble Destruction on Biofilm

PH207-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Initial Investigation of Novel Anthropomorphic Breast Ultrasound Phantoms for Radiology Resident Education

PH208-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Automated Segmentation of Normal Structures of Meniscus for Diagnosis of Osteoarthritis in Ultrasonography

PH209-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Automated Patient Positioning in CT: Accuracy and Effect on Radiation Dose of a Novel 3D Camera Body Detection System

PH210-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Potential for Highly Specific Perfusion Imaging Using Gadoteridol and K-Edge Spectral Photon-Counting CT

PH211-SD-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Select Application of Care Bolus for the Best Monitoring Location in Head and Neck Joint Three-Dimensional Contrast-Enhanced Magnetic Resonance Venography

PH212-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Simulation Ultrasound as a Breach Between Physics and the Ultrasound Machine

PH213-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Ultra-Low-Dose versus Low-Dose CT of the Paranasal Sinuses with Using Volumetric 320-Row Detector CT System

PH214-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Radiation Dose Reduction with Frame Rate Conversion in X-Ray Fluoroscopic Imaging Systems with Flat Panel Detector: Clinical Retrospective Analysis

PH215-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
High Dynamic Range Ultrasound for Imaging Tendon Pathology

PH216-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Potential for Coronary K-Edge Imaging with Spectral Photon-Counting CT

PH217-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Virtual Dual-Energy (VDE) Imaging: Separation of Bones from Soft Tissue in Chest Radiographs (CXRs) by Means of Anatomy-Specific (AS) Orientation-Frequency-Specific (OFS) Deep Neural Network Convolution (NNC)

PH218-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Preprogrammed Tube Current Modulation vs Attenuation-Based Tube Current Modulation vs Fixed Current Acquisitions: Which Technique Delivers the Lowest Doses in Dental CBCT Scans?

PH219-SD-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Patient-Specific Fetal Dose Determination for Multi-Target Frame-Fixed Stereotactic Radiosurgery: Computational Model and Case Report

PH220-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Measurement of Effective Dose of Ovaries in Hysterosalpingography using a Patient-Specific 3D-Printed Phantom

PH221-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Do Lead Glasses Protect Only the Eyes? A Study on the Effect of Protective Devices in the Dose Received By the Brain of Interventional Radiologists

PH222-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Ultra-Low-Dose Periradicular Infiltration of the Lumbar Spine: Spot Scanning and Its Potential for Further Dose Reduction by Replacing Helical Planning CT

PH223-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Automated Multi-Organ Segmentation in Abdominal CT with Hierarchical 3D Fully-Convolutional Networks

PH224-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
A Grating-Based Phase-Contrast Mammography Clinical Investigational Device

PH225-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Evaluation of Iodine Contrast to Noise Ratio for Monoenergetic Images on a Photon Counting Detector CT

PH226-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
High Resolution Extremity Cone-Beam CT with a CMOS X-Ray Detector: System Design and Applications in Quantitative Assessment of Bone Health

PH227-SD-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Effect of Beam Geometry and Number of Arcs on VMAT Planning for Large Field Gynecologic Cancer Patients

PH228-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Subtraction Quality Assessment of Hepatic Dynamic Contrast Enhanced MRI by Using Non-Rigid 3D-Registration for Subtraction Technique

PH229-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Apparent Diffusion Coefficient in Brain is Affected by Respiration

PH230-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Better Reproducibility of 7T Parallel Transmit with Interleaved Transmission at the Calibration

PH231-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Highly Efficient Biomarker Selection (BS) Based on Novel Binary Coordinate Accent (BCA) for Machine Learning with a Large Dataset in Radiomics

PH232-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
New Reconstruction Algorithm for Breast Tomosynthesis: Better Image Quality for Humans and Computers

PH233-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Quantitation of Lu-177 Using General Purpose Whole-Body Solid State CZT and Standard SPECT/CT Cameras

PH234-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Annual Eye Lens Doses for Computed Tomography Technologists When Restraining Patients in Scanning Room

PH235-SD-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Model versus Human Observer for Localization of Liver Lesions: Can the Model Predict Human Performance?

PH236-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Effect of Sleep State on ADC Change during Cardiac Cycle in the Human Brain

PH237-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Which is More Important for Quantitative Susceptibility Mapping? SNR of Phase vs Spin Dephasing

PH238-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Variation of Iodine CT Number for Spectral CT Imaging Using a First-Generation Dual-Layer CT: Effect of Object Size and Tube Voltage

PH239-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Comparison of Contrast-Enhanced Dual Energy Mammography and Contrast-Enhanced Digital Breast Tomosynthesis for Lesion Assessment and Radiation Dose

PH240-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Organ Dose Estimation in CT through Voxelized Phantoms and Monte Carlo Methods: Impact of Wrong Patient-Phantom Matching

PH241-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Determining the Suitability of Ultrasound Systems as Fit-for-Purpose for Early Pregnancy Assessment Through the Use of Color Doppler Sensitivity Performance

PH242-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Optimization of Reconstruction Parameters for High and Ultra-high Definition Images with Next-generation Digital PET/CT

PH243-SD-TUB8 (Tue, 12:45-1:15 PM, Station #8)
The Influence of keV and Target Material on Spatial Resolution of Virtual Monochromatic Image

PH244-SD-TUB9 (Tue, 12:45-1:15 PM, Station #9)
Shape and Texture Feature Classification of Angiomyolipoma without Visible Fat and Clear Cell Renal Cell Carcinoma in Contrast-Enhanced CT Images

PH245-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Novel Technique to Generate Computed Diffusion Weighted Brain MRI with Ultra-High B-Values

PH246-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Improved Spatial Resolution of High-contrast Structures with Ultra-high-resolution CT Scanner: Phantom and Clinical Pilot Studies

PH247-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
A Novel Perfusion Map for Assessment of Brain Ischemia in 4D-CT: Comparison with PET Image

PH249-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Comparison of Three Different Protocols of CT Cardiac Imaging and CT Angiography as Pre-Procedural Assessment of Trans-Catheter Aortic Valve Implantation (TAVI): A Prospective Study

PH250-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Contribution of Mono-Exponential, Bi-Exponential and Stretched Exponential Model-Based Diffusion-Weighted MR Imaging in the Diagnosis of Prostate Cancer

PH251-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Calculation of Aortic Regurgitation Rate by Differential Analysis of Multi Location Time Enhancement Curve Using Test Injection in CT Examination

PH252-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Myocardial T1 Measurement and Relationship with Myocardial T2* at 3.0T MRI for Thalassemia Major Patients

PH253-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Reducing Variability of Radiation Doses in CT

PH254-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
TSE-Based DWI of the Prostate as an Alternative to SS-SE-EPI DWI

PH255-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Optimal Beam Quality for Chest Flat Panel Detector System: Realistic Phantom Study

PH256-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
A New 3D Resolution Gauge for CT

PH257-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Deep Learning Super-Resolution Imaging for Enhancing Image Resolution in Digital Mammography

PH258-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Analysis and Optimization of Projection Data Acquisition in CT under the Framework of Sampling on Lattice

PH259-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Improvement of Spatial Resolution of CT Using Model-Based Iterative Reconstruction on CT: A Phantom Study

PH260-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Image Quality Assessment of Modern Dual Source and Area Detector CT Scanners Using Contrast Dependency Signal-to-Noise Ratio

PH261-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
A Three-Dimensional Two Material Based Beam Hardening Correction Algorithm for Iterative Reconstruction Computed Tomography

PH262-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Multivariate Radiogenomic Analysis for Molecular Classification of Invasive Breast Cancer Guided by Synergistic Interactions of microRNA-Gene Network

PH263-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
A Methodology to Calculate the Water Equivalent Diameter for Chest Radiography: A Step Closer to Personalized Dosimetry with a Dose Monitoring Platform

PH264-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Four Different Iterative Reconstruction Algorithms on Abdominal CT Image: A Comparative Study on Image Quality of Inferior Vena Cava

Quality Storyboards

QS001-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Bridging the Gap: Communicating Biopsy Recommendations to Referring Providers

QS002-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)
Change Management Methodologies and Approach to Implementation of Abdominal Tomograms: An Ultra-Low Dose CT Scan (uLDCT)

QS003-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Dose Reduction In Mammographically Guided Pre-Operative Breast Radioactive Seed Localization Procedures: Minimizing Radiation Dose Without Compromising Successful Clinical Performance

QS004-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)
Road Map to Culture of Patient Safety: Feasibility of Interdisciplinary Mock Root Cause Analysis (RCA)

QS005-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)
Implementing a Technologist Peer Review Program: Methods and Lessons Learned

QS006-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)
Port-A-Catheter Education: A Quality Improvement Project

QS007-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)
Reinventing Reject Analysis for Radiographic Quality Improvement

QS008-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)
Improving the Rate and Quality of Pre-Procedure Education for Patients by Standardizing the Nursing Approach

QS009-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)
Radiologists Add Value by Participating in Patient Progression and Complex Care Management Rounds

QS010-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)
Improving "Order-to-Scan Time" for Emergency Department Unenhanced CT Examinations Through Auto-Protocols and Expedited Clinical/Imaging Communication

QS011-EB-TUB (Tue, 12:45-1:15 PM, Hardcopy Backboard)
Development of a Novel Visual Display Tool to Increase Volume and Reduce Labor Costs in Outpatient Computed Tomography

QS012-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)
Reducing False Positives on Breast MRI: How We Improved PPV2 for Biopsy Recommendation and Maintained Desirable Cancer Detection Rates

QS013-EB-TUB (Tue, 12:45-1:15 PM, Hardcopy Backboard)
R-SCAN Increasing the Percentage of High Yield CT Pulmonary Angiograms for PE Through Educational Collaboration Between Radiology and Emergency Departments

QS014-EB-WEA (Wed, 12:15-12:45 PM, Hardcopy Backboard)
Increasing the Number of Frontline Improvements Completed in Breast Imaging and Intervention's Improvement System by Using Lean Principles

QS015-EB-WEA (Wed, 12:15-12:45 PM, Hardcopy Backboard)
Increasing On-Time Screening Mammogram Patient Appointments and Improving Load-Leveled Work

QS016-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)
Call for Help! Creating an Efficient Emergency Response Protocol in an Outpatient Imaging Center

QS017-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)
Reducing IV Contrast Extravasation in Contrast Enhanced CT Scans Using Power Injected Saline Bolus

QS100-ED-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Clinical Audit of Standardized Hand over Process in Interventional Radiology: Implementation of a New Tool for Improving Communication and Patient Safety

QS101-ED-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Do Standardized Reporting Templates with Mandatory Reporting Fields and 'Pick-List' Options Improve Use of Prostate Imaging and Data Reporting System (PI-RADS) Version 2 In Clinical Practice? A Plan-Do-Study-Act (PDSA) Analysis

QS102-ED-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Demonstrating Measureable Improvement in 'Care' Through the Implementation of a Structured Service-Excellence Training Program

QS103-ED-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Radiology Peer Review: Enabling Collaborative Learning and Enhancing Practice

QS104-ED-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Collaboration Between Radiology and Utilization Management to Reduce Inappropriate MRI Orders and Patient Wait Times

QS105-ED-SUB3 (Sun, 1:00-1:30 PM, Station #3)
From Reactive To Proactive: Implementing a Low-Threshold Reporting System in a Large, Multisite Diagnostic Radiology Department

QS106-ED-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Developing a Technologist-Focused Quality Improvement Program

QS107-ED-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Implementing Optimal Kidney Stone CT Protocols Using Outreach from a National Database

QS108-ED-MOA1 (Mon, 12:15-12:45 PM, Station #1)
MRI Time-Out Protocol Helps "S.A.V.E." Patients and Staff from MR Related Accidents

QS109-ED-MOB1 (Mon, 12:45-1:15 PM, Station #1)
MACRO: Laterality - Adapting Auto-population of Laterality in Musculoskeletal MRI Reports Across a Large Health System

QS110-ED-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Multicenter Implementation of a CT Scanner Dose Excellence Program Based on Clinical Indication, BMI and Diagnostic Image Quality Assessment

QS111-ED-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Lung Cancer: Moving Imaging to the Front of Outpatient Pathways

QS112-ED-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Research on Establishing an Integrative Management System for Medical Radiation Dose

QS113-ED-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Streamlining Communication of Clinical History in the Emergency Department: A Multidisciplinary Approach

QS114-ED-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Trainee-Driven Quality Improvement Initiatives in the Musculoskeletal Imaging Section of a Tertiary Hospital

QS115-ED-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Implementation of Lean and Six Sigma in Magnetic Resonance Imaging: Optimizing the 'End-To-End' Process to Improve the Customer Experience and Operational Efficiency in a Patient Service Center Model

QS116-ED-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Using a Pareto Approach to Better Match Radiology Staffing to Inpatient Care and Service Needs

QS117-ED-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Using Algorithms to Educate and Optimize Appropriate Use of Cross-Sectional Imaging among First Year Radiology Residents

QS118-ED-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Incorporation of Color Doppler Parameters in Thyroid Ultrasound Reports Significantly Reduces Ambiguity in Reporting of Thyroiditis

QS120-ED-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Improving First-Time Quality of NeuroCT Exam Protocols in the Emergency Department and Hospital Setting

QS121-ED-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Lung Cancer Screening 'Go-Live': Institutional Challenges, Experience and Success

QS122-ED-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Integration of a Radiology Assistant Into Daily Workflow at an Academic Radiology Department

QS123-ED-TUB4 (Tue, 12:45-1:15 PM, Station #4)
CT Protocols: Use of Web-Based Tools to Double-Check our Changes

QS124-ED-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Improving Clinical Value through Reducing Variability by Establishing and Monitoring Best Practice Recommendations: How We Do It

QS125-ED-WEB1 (Wed, 12:45-1:15 PM, Station #1)
MRI Quality Assurance and Improvement Project in the Department Of Radiology at a Large Academic Medical Center

QS126-ED-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Increasing the Adherence of Imaging Recommendations for Incidental Adnexal Lesions Detected on CT to ACR White Paper

QS127-ED-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Specimen Handling Workflow Redesign Post EMR Transition: An Implementation of Classic Quality Improvement Methodology

QS128-ED-THA1 (Thu, 12:15-12:45 PM, Station #1)
Increasing Access to Musculoskeletal Ultrasound to Improve Patient and Provider Satisfaction

QS129-ED-THB1 (Thu, 12:45-1:15 PM, Station #1)
Structured Thyroid Ultrasound Reports: Closing the Loop

QS130-ED-THA2 (Thu, 12:15-12:45 PM, Station #2)
Central Line Infections: The Beginning of the End?

QS131-ED-THB2 (Thu, 12:45-1:15 PM, Station #2)
Transitioning from Peer Review to a Peer Learning System in a Multi-Centric Group Practice

Quantitative Imaging Reading Room

AMA PRA Category 1 Credit™ is not available at these exhibits.

QRR001

Rapid Cloud-based Body Composition Profiling of Dixon-based MR Images using AMRA Profiler

(Advanced MR Analytics AB, Linköping, Sweden)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

QRR002

Deep-Radiomics for Lung Nodules on Chest CT Using Deep and Shallow Learning Methods for Robust Nodule Segmentation, Texture, Shape and Classifications

(Asan Medical Center, Seoul, Republic of Korea)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

Thursday 12:15pm – 1:15pm

QRR003

Integrated User Friendly Deep Learning Platform for Medical Imaging Featuring a Single Platform Deep Learning Deductive and Inference Engines: Horizontal and Vertically Integrated with MIMSOFTWARE/3D Slicer Review Workstations

(Baylor College of Medicine, Bellaire, TX)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

QRR004

3D Slicer: An Open-Source Software Platform for Segmentation, Registration, Quantitative Imaging and 3D Visualization of Multi-Modal Imaging Data

(Brigham & Womens Hospital, Harvard Medical School, Boston, MA)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

Thursday 12:15pm – 1:15pm

QRR005

DICOM4QI Demonstration and Connectathon: Structured Communication of Quantitative Image Analysis Results Using the DICOM Standard

(Brigham and Womens Hospital, Boston, MA)

Meet the Experts Schedule

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

QRR006

Semi-Automated Detection of High-Risk Atherosclerotic Plaque Features from Computed Tomography Angiography

(Elucid Bioimaging Inc, Wenham, MA)

Meet the Experts Schedule

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

QRR007

Quantitative Imaging Application Suite for Cancer Theranostics in Torso FDG-PET Examinations

(St Lukes International Hospital, Tokyo, Japan)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

QRR008

A Quantitative MRI Diffusion Phantom for Standardization of Apparent Diffusion Coefficient

(High Precision Devices, Inc. Boulder, CO)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

QRR009

Volumetric Brain MRI Reporting

(Icometrix, Leuven, Belgium)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

Thursday 12:15pm – 1:15pm

QRR010

An Automated and Standardized Fractional Tumor Burden (sFTB) Workflow for Monitoring Treatment Response in Brain Tumor Patients

(Imaging Biometrics, LLC, Elm Grove, WI)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

QRR011

Precision Imaging Metrics: All-in-one Quantitative Imaging Assessment and Workflow Management System for Oncology Clinical Trials

(Massachusetts General Hospital, Boston, MA)

Meet the Experts Schedule

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

QRR012**FireVoxel: A Software Package for Quantitative Image Analysis**

(New York University School of Medicine, New York, NY)

Meet the Experts Schedule

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Thursday 12:15pm – 1:15pm

QRR013**Quantitative Deep Learning: Application to Pulmonary Nodule Management**

(Optellum Ltd., Oxford, United Kingdom)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

Thursday 12:15pm – 1:15pm

QRR014**QUIBIM Precision® Platform, Automatic Analysis Pipelines Integrated with PACS and also in Cloud for the Extraction of Imaging Biomarkers, Offering Additional Quantitative Information to the Qualitative Approach of Standard Radiology Report**

(QUIBIM, Valencia, Spain)

Meet the Experts Schedule

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

QRR015**New Developments in the ePAD Platform to Support Quantitative Imaging Assessment in the Research Workflow**

(Stanford University, Stanford, CA)

Meet the Experts Schedule

Sunday 12:30pm – 1:30pm

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

QRR016**The Quantitative Image Feature Pipeline (QIFP): Automated Radiomic Feature Extraction to Derive Associations with and Prediction of Clinical Variables from Image Features**

(Stanford University, Stanford, CA)

Meet the Experts Schedule

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

QRR017**Standardizing Radiomic Feature Descriptions for Quantitative Imaging: A Preliminary Report of the Cooperative Efforts of the NCI's QIN PET-CT Subgroup**

(University of California Los Angeles, Los Angeles, CA)

Meet the Experts Schedule

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

QRR018**Cancer Imaging Phenomics Toolkit (CaPTk): A Radio(geno)mics Software Platform Leveraging Quantitative Imaging Analytics for Computational Oncology**

(University of Pennsylvania, Philadelphia, PA)

Meet the Experts Schedule

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

Thursday 12:15pm – 1:15pm

QRR019**DSI Studio: An Open-source Platform for Diffusion MRI Fiber tracking and Connectometry Analysis**

(University of Pittsburgh, Pittsburgh, PA)

Meet the Experts Schedule

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

QRR020**Deep Learning-Based Content-Based Image Retrieval for Finding HRCT Images of Similar Patients with Interstitial Lung Disease: Validation with 100 Paired HRCTs and Automatic Quantification of Six Disease Patterns**

(VUNO Inc, Seoul, Republic of Korea)

Meet the Experts Schedule

Monday 12:15pm – 1:15pm

Tuesday 12:15pm – 1:15pm

Wednesday 12:15pm – 1:15pm

Radiation Oncology

RO001-EB-X (Hardcopy Backboard)

A Digital Approach to Radiation Bolus Compensators: Utilizing 3D Printing in Head and Neck Cancers

RO002-EB-X (Hardcopy Backboard)

Development of a New In-vivo Measurement System by Means of OSL Dosimeters During Brachytherapy for Cervical Cancer

RO100-ED-SUA5 (Sun, 12:30-1:00 PM, Station #5)

Post Radiation Mimics of Malignancy: Cause for Clinical Concern or Relief

RO101-ED-X (Digital Education Exhibit)

Can OSL Dosimetry Measurement Be Applied to MR Imaging During MR-LINAC Treatment?

RO102-ED-X (Digital Education Exhibit)

Prostatic Carcinoma Treated with Focal Brachytherapy: Multiparametric Magnetic Resonance (MR) Imaging Patterns

RO103-ED-SUB5 (Sun, 1:00-1:30 PM, Station #5)

Prostatic Carcinoma Treated with Temporary and Permanent Brachytherapy: Multiparametric Magnetic Resonance (MR) patterns of Recurrence

RO104-ED-X (Digital Education Exhibit)

Salvage Cryosurgery for Recurrent Prostate Cancer after Permanent Brachytherapy: Multiparametric Magnetic Resonance (mpMR) Imaging Patterns

RO105-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)

Hepatocellular Carcinoma after Stereotactic Body Radiotherapy (SBRT): Learning About What Is Happening in the Liver

RO106-ED-X (Digital Education Exhibit)

MRI for Evaluation of Response to Neoadjuvant Chemoradiation Therapy of Rectal Carcinoma

RO200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Normal Tissue Radiomic Feature Kinetics in Oropharyngeal Cancers Treated with Image-Guided Radiation Therapy: Assessment of Parotid Glands Textural Changes on Daily Non-contrast CT

RO201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Stereotactic Radiosurgery for Pilocytic Astrocytoma

RO202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

Prognostic Value of Metabolic Tumor Volume in FDG-PET/CT in Patients with Cervical Cancer Treated with Definitive Chemoradiation

RO203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)

The Effect of Vitamin C on DNA Double-Strand Breaks (DSBs) After Abdominal Contrast-Enhanced CT

RO204-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Stereotactic Radiosurgery and Ipilimumab versus Stereotactic Radiosurgery Alone in Melanoma Brain Metastases

RO205-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

Characterization of Imaging Changes in Brain Metastases Following Combination Therapy with SRS and Immune Checkpoint Blockade

RO206-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)

Robotic Stereotactic Body Radiation Therapy (SBRT) for Liver Metastases at a Non-Academic, Community-Based Hospital

RO207-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Radiotherapy Induces Cell Arrest and Cell Apoptosis in Nasopharyngeal Carcinoma via the ATM and Smads Pathways

RO208-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

Stereotactic Body Radiation Therapy (SBRT) for Adrenal Metastases: Is There an Increased Risk for Intracranial Failures?

RO209-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Effects of Circadian Clock Gene BMAL1 on Proliferation, Apoptosis, and Radiosensitivity of Human Nasopharyngeal Carcinoma Cell CNE2

RO210-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)

Hypofractionated Helical Tomotherapy for Large Size Advanced Biliary Tract Cancer: The Initial Clinical Outcomes

RO211-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)

Clinical Outcomes Following Partial Breast Irradiation with 3-Dimensional External Beam Radiation Therapy, Deep Inspiration, and Moderate Hypofractionation

RO212-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)

Treatment Modalities and Outcomes of Fanconi Anemia Patients with Head and Neck Cancer

RO213-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)

Salvage Stereotactic Radiosurgery for Recurrent Gliomas with Prior Radiation Therapy

RO214-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)

Comparison of Two Cylinder Applicators for Vaginal Brachytherapy in Intermediate and High-Risk Endometrial Cancer

RO215-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)

Is Cancer of Esophagus a Systemic Disease?

RO216-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Three Dimensional Dose/Volume Analysis of Radiation Induced Kidney Damage using Multiphase Dynamic CT Imaging in Patients with Abdominal Malignancy

RO217-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Outcomes for Salvage with Selective Internal Radiation Therapy with Yttrium- 90 in Patient's Failing Liver Directed Therapy

RO218-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Stereotactic Boost 5-10 Gy for Advanced Head and Neck Cancer

RO219-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Clinical Outcomes and Prognostic Factors in Patients with Atypical and Malignant Meningiomas

RO220-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Identifying Prognostic Factors for Locally Advanced Cervical Cancer Patients Treated with Interstitial Implantation via Hybrid Intracavitary and Interstitial Brachytherapy

RO221-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Evaluation of Radiation Therapy Plans and Patient Characteristics for Breast Cancer Patients Who Have Received Neoadjuvant Chemotherapy

RO223-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Pericardial Effusion after Chemoradiotherapy for Esophageal Cancer

RO224-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Late Small Bowel Toxicity after Aggressive Abdominopelvic Intensity Modulated Radiotherapy Treatment

RO225-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Comparison of Gross Tumor Volume of Primary Oesophageal Cancer Based on Contrast-Enhanced Three-Dimensional, Four-Dimensional, and Cone Beam Computed Tomography

RO226-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Quantitative Multiparametric Hybrid Positron Emission Tomography (PET)/Computed Tomography (CT) Imaging of the Tumor Response in Non-Small Cell Lung Cancer (NSCLC) to Stereotactic Ablative Radiation Therapy (SABR)

RO227-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Volumetric Magnetic Resonance-Guided High-Intensity Focused Ultrasound (MR-HIFU) Hyperthermia Combined with Radiation and Chemotherapy for Recurrent Rectal Cancer: Early Phase I Results

RO228-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Optimized Treatment Strategy for Early Glottic Squamous Cell Carcinomas: An Initial Analysis

RO229-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Support Effects of a Weight Loss Prediction Model for Physicians' Decision in Irradiated Head and Neck Cancer Patients

RO230-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Clinical Outcome of Stereotactic Body Radiation Therapy for Advanced Cholangiocarcinoma

RO231-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Current Treatment Practices for Limited-Stage Small Cell Lung Cancer: A Survey of US Radiation Oncologists on the Timing of Thoracic Radiation Therapy with Chemotherapy

RO232-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
High Quality Volumetric CT Reduces PTV Margin for Radiotherapy of Prostate Cancer

RO233-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Tumor Response after Preoperative Chemoradiation Therapy Using Volumetric Arc Therapy with Dose Escalated Simultaneous Integrated Boost in Locally Advanced Rectal Cancer

RO234-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Stereotactic Body Radiation Therapy for Oligometastatic Gastric Cancer

RO235-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Evaluation of the Overlap between the Gross Target Volume and the Celiac Trunk-Superior Mesenteric Artery Region at Radiotherapy Planning for Locally Advanced Pancreatic Cancer

RO236-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Intensity Modulated Radiation Therapy Decrease Interruptions in the Treatment of Squamous-Cell Carcinoma of the Anal Canal

RO237-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
IMRT versus 3DCRT with Concurrent Chemotherapy for Treatment of Squamous Cell Carcinoma of the Anal Canal: Survival, Local Control, and Toxicities

RO238-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Outcomes of Early Stage Breast Cancer with Nodal Micrometastases

RO239-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
A Pilot Study to Evaluate a Newly-Developed Needs Assessment Tool for Improving Radiotherapy and General Oncology Management in Nigeria

RO240-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Volume Changes of Extremity and Pelvis Soft Tissue Sarcomas during Preoperative Radiotherapy: Patterns of Change and Relationship to Outcomes

RO241-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Relationship between Dose-Volume Parameters of the Neural Plexus and Loco-Regional Recurrence after Neoadjuvant Chemoradiotherapy followed by Surgery for Ductal Adenocarcinoma of the Pancreatic Head

RO243-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Extended Experience of Intensity Modulated Radiotherapy with Simultaneous Integrated Boost Technique and Chemotherapy in Patients with Nasopharyngeal Carcinoma

RO244-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Clinical Analysis of Shoulder Dysfunction after Breast Cancer Surgery

RO245-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Profiling Myxofibrosarcoma: Patient and Disease Characteristics As Well As Clinical Outcomes at a Major Tertiary Care Cancer Center

RO246-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Development of an In-House Incident Learning System for Radiation Oncology According to Consensus Recommendations

RO247-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
JAVELIN Head and Neck 100: A Phase 3 Trial of Avelumab in Combination with Chemoradiotherapy (CRT) vs CRT For 1st-Line Treatment of Locally Advanced Squamous Cell Carcinoma of the Head and Neck (LA SCCHN)

RO248-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Dosimetric Benefits of Intensity Modulated Proton Therapy (IMPT) versus Volumetric Modulated Arc Therapy (VMAT) on Advanced Stage Nasopharyngeal Carcinoma (NPC)

RO249-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Long term Chronic Dysphagia Rates in the Treatment of Head and Neck Cancer in Prophylactic versus Reactive Percutaneous Endoscopic Gastronomy Tube Placement

RO250-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Role of Intra-vaginal Brachytherapy Boost in FIGO Stage III Endometrial Carcinoma: A Study from Tertiary Cancer Center in India

RO251-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Bridging Innovation and Outreach to Overcome Global Gaps in Radiation Oncology through Information and Communication Tools, Trainee Advancement, Engaging Industry, Attention to Ethical Challenges, and Political Advocacy

RO252-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Broadening the Radiation Oncology Scope of Practice in the United States

Vascular/Interventional

VI001-EB-X (Hardcopy Backboard)

Be a Safe Operator! Periprocedural Management of Anticoagulant and Antiplatelet Agents: What the Interventionalist Needs to Know

VI002-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)

Long-Term Complications of Renal Transplants: Interventional Management Techniques

VI003-EB-X (Hardcopy Backboard)

Occupational Radiation Protection for Interventional Radiologist

VI004-EB-X (Hardcopy Backboard)

Cholangitis: A Common and Dangerous Complication of Percutaneous Transhepatic Biliary Drainage

VI005-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)

Malignant Biliary Obstruction in Advanced Gastric Cancer: Causes, Radiologic Imaging, Histology, and Intervention

VI006-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)

Percutaneous Stent Placement for Malignant Hilar Biliary Obstruction

VI007-EB-THB (Thu, 12:45-1:15 PM, Hardcopy Backboard)

Endoleak Classification Using 4DCT Via the Assessment of Hemodynamics

VI008-EB-X (Hardcopy Backboard)

Treatment Strategies for Type II Pelvic Arteriovenous Malformation: Focus on the Flow Control of the Nidus

VI009-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)

Percutaneous Trans-luminal Management of the Vascular Manifestations of Neurofibromatosis Type 1

VI010-EB-WEA (Wed, 12:15-12:45 PM, Hardcopy Backboard)

Angiographic Clues to Ensure Success with Adrenal Vein Sampling

VI011-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)

The Ins and Outs of Endocavity Ultrasound-Guided Interventions

VI012-EB-X (Hardcopy Backboard)

Tending to Tendinosis: A Percutaneous Approach Utilizing Ultrasonic Energy Debridement

VI013-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)

Improving Surgery Outcomes With Large Hepatic Resection: Tips and Tricks about Portal Embolization

VI014-EB-X (Hardcopy Backboard)

Advanced Endovascular Repair of Aortic Aneurysms Using Snorkels, Chimneys and Periscopes: Indications, Techniques and Imaging Findings

VI015-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)

From Planning to Execution and Outcome Evaluation: Cone-beam CT Navigation as a Problem Solving Modality in the IR Suite

VI016-EB-X (Hardcopy Backboard)

Below the Knee Peripheral Artery Disease: A Focus on Physical Exam, Diagnosis and Endovascular Technique

VI017-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)

Occupational Exposure of the Eye in Interventional Radiology Laboratory Staff

VI018-EB-X (Hardcopy Backboard)

Percutaneous CT-Guided Cryoablation of the Pudendal Nerve: Technique and Indications

VI019-EB-X (Hardcopy Backboard)

Percutaneous CT-Guided Cryoablation of the Genitofemoral and Ilioinguinal Nerves: Technique and Indications

VI020-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)

Keep Calm and Follow the Collateral Pathways: Leriche Syndrome Made Easy

VI100-ED-X (Digital Education Exhibit)

The Evolution of Intracranial Aneurysm Treatment

VI101-ED-X (Digital Education Exhibit)

Abdominopelvic Vein thrombosis: Causes, Cases, Consequences, and Cures

VI102-ED-X (Digital Education Exhibit)

Image-guided Procedures and New Oral Anticoagulants

VI103-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)

Interventional Radiology in the Management of Vascular Complications in Liver Transplant

VI104-ED-X (Digital Education Exhibit)

Below The Belt and Then Some: Interventionalist's Guide to Advanced Techniques for Below-The-Knee Intervention

VI105-ED-X (Digital Education Exhibit)

MR Angiography of Deep Inferior Epigastric Arteries Before Free Flap Breast Reconstruction

VI106-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)

Preoperative 3D Computed Tomography-Angiography (CTA) of Thoracoscope Simulation in Lung Cancer That Can Be Achieved Using only 15 mL of Contrast Medium

VI107-ED-X (Digital Education Exhibit)

Percutaneous Bone and Spine Consolidation in Cancer Patients: Who and How?

VI108-ED-X (Digital Education Exhibit)

Renal Interventions: What Every Radiologist Should Know

VI109-ED-X (Digital Education Exhibit)

State of The Art Peripheral Lymphatic Imaging: Now You Can See It!

VI110-ED-X (Digital Education Exhibit)

Radioembolization in Hepatocellular Carcinoma Treatment

VI111-ED-X (Digital Education Exhibit)

Venous System Stenosis and Occlusions: Still and Underdiagnosed Condition - Direct and Indirect Signs to Be Aware Of

VI112-ED-MOA9 (Mon, 12:15-12:45 PM, Station #9)

Superselective Transcatheter Arterial Embolization for Acute Lower Gastrointestinal Hemorrhage with N-Butyl-2-Cyanoacrylate (NBCA)

VI113-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)

Synergy of Ablation Techniques and Immunotherapy in Eliciting the Abscopal Effect: Current and Future Research

VI114-ED-X (Digital Education Exhibit)

High Value MDCT Angiography of Acute Superior Mesenteric Artery Pathology: What the Emergency Medicine Physician and Vascular Interventionist Need to Know

VI115-ED-X (Digital Education Exhibit)

Gelatin Phantoms for Interventional Radiology Training

VI116-ED-X (Digital Education Exhibit)

Draining the Swamp: The Role of Percutaneous Intervention in Managing Complications of Pancreatitis

VI117-ED-X (Digital Education Exhibit)

When the Heart Strains: Imaging and Intervention of Submassive Pulmonary Embolism

VI118-ED-X (Digital Education Exhibit)

Nobel Method to Estimate 3D Structure of Lower Extremity Artery with Chronic Total Occlusion (CTO) Using CTA for Endovascular Treatment (EVT)

VI119-ED-TUA9 (Tue, 12:15-12:45 PM, Station #9)

Visualize Skin Dose and Air Dose in Virtual Reality

VI120-ED-X (Digital Education Exhibit)

Case-based Review of Complications Related to Y90 Transarterial Radioembolization (TARE): Primer for Interventional Radiology Residents and Fellows

VI121-ED-X (Digital Education Exhibit)

Interventional Radiology Educational Pathways: A 2017 Update, Including Review of 2017 Match Statistics and Key Ways for Students to Maximize Their Exposure to IR

VI122-ED-X (Digital Education Exhibit)

The Usefulness of a Double-level Test Injection Method in Extended Coverage Body CT Angiography

VI123-ED-X (Digital Education Exhibit)

Radial Access: A Comprehensive Approach

VI124-ED-TUB9 (Tue, 12:45-1:15 PM, Station #9)

4D Flow MRA: Diverse Clinical Applications of Hemodynamics

VI125-ED-WEA11 (Wed, 12:15-12:45 PM, Station #11)

Diagnosis and Management of Complications Related to Thermal Ablation of Hepatic Tumors: A Comprehensive Review Based on Select Cases from Morbidity and Mortality Rounds of Over 15 Years

VI126-ED-X (Digital Education Exhibit)

Selective Venous Sampling for the Diagnosis of Endocrinological Diseases: A Guide and Walkthrough for Radiologists

VI127-ED-X (Digital Education Exhibit)

Normal Prostate Artery Anatomy, Anastomoses, and Anatomic Variants

VI128-ED-X (Digital Education Exhibit)

Portal Vein Occlusion Treated with Transhepatic Stent Placement

VI129-ED-X (Digital Education Exhibit)

Dual-Energy CT Angiography and 3-D Imaging of Vascular Lesions of the Hand and Forearm: Beyond Trauma

VI130-ED-X (Digital Education Exhibit)

Keeping It Together: The Radiologist's Role in The Evaluation of Aortic Endoleaks

VI131-ED-X (Digital Education Exhibit)

4D Abdominal Dynamic Motion Imaging CT

VI132-ED-X (Digital Education Exhibit)

Renal Angiomyolipomata: Systematic Literature Review for the General Radiologist

VI133-ED-X (Digital Education Exhibit)

Targeted Neurolysis: Pruning Visceral Cancer Pain at the Root

VI134-ED-X (Digital Education Exhibit)

Renal Polycystic Disease: From Diagnosis to Treatment

VI135-ED-X (Digital Education Exhibit)

Pre IVC Filter Retrieval CT: What Your Interventional Radiology Colleague Wants to Know

VI136-ED-X (Digital Education Exhibit)

Ultrasound Evaluation of Varicose Veins: Basics for Endovenous Ablation

VI137-ED-X (Digital Education Exhibit)

Spectrum of the Inferior Vena Cava Mass Lesions: Imaging Findings

VI138-ED-X (Digital Education Exhibit)

Beam Me Up! The Importance of Cone-beam CT During Prostatic Arterial Embolization and other Techniques to Improve Safety and Efficacy

VI139-ED-X (Digital Education Exhibit)

It's Not All Deep Vein Thrombosis: Sonography of the Painful Lower Extremity

VI140-ED-X (Digital Education Exhibit)

Embolic Agents: Relationship Between Agent Types and Target Vessel Size and Nature

VI141-ED-X (Digital Education Exhibit)

Endovascular and Percutaneous Treatment of Type II Endoleak: Our Experience in a 10 Year Period

VI142-ED-X (Digital Education Exhibit)

Selective Chemoembolization Through the Caudate Artery: When and How

VI143-ED-X (Digital Education Exhibit)

Extrahepatic Collateral Arteries Supplying Hepatocellular Carcinoma Revisited

VI144-ED-X (Digital Education Exhibit)

Endovascular Treatment for Delayed Post-pancreatectomy Hemorrhage

VI145-ED-X (Digital Education Exhibit)

Establishing a Hereditary Hemorrhagic Telangiectasia Center of Excellence: A How-to Guide

VI146-ED-X (Digital Education Exhibit)

Superselective Chemoembolization for Hepatocellular Carcinomas: When and How

VI147-ED-X (Digital Education Exhibit)

Radial Artery Access for Interventional Radiologists

VI148-ED-X (Digital Education Exhibit)

Perioperative Internal Iliac Artery Balloon Occlusion in the Setting of Placenta Accreta and Its Variants: What the Interventional Radiologist Needs to Know

VI149-ED-X (Digital Education Exhibit)

Interventional Radiology in Obstetric Emergencies

VI150-ED-X (Digital Education Exhibit)

Diagnosing Systemic Vasculitis: How Can the Interventional Radiologist Help?

VI151-ED-X (Digital Education Exhibit)

Keep Calm and Drain the Bile

VI152-ED-X (Digital Education Exhibit)

Imaging Findings, Diagnostic and Treatment Options of Post-transplant Non-occlusive Hepatic Artery Hypoperfusion (Splenic Steal) Syndrome

VI153-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)

Image Predictors of Treatment Outcome After Thoracic Aortic Dissection Repair

VI154-ED-X (Digital Education Exhibit)

An Angiographic Review of Popliteal Lesions: What the Interventionalist Needs to Know

VI155-ED-X (Digital Education Exhibit)

Inner Demons: Anatomy and Pathologies of the Internal Iliac Artery with Implications for Modern Endovascular Management

VI156-ED-X (Digital Education Exhibit)

It's All About the IMAge: Anatomy and Pathologies of the Inferior Mesenteric Artery with Implications for Modern Endovascular Management

VI157-ED-TUB10 (Tue, 12:45-1:15 PM, Station #10)

Integration of Contrast Enhanced Ultrasound (CEUS) into Secondary Surveillance of HCC Following RFA, TACE, and Microwave Ablation

VI158-ED-X (Digital Education Exhibit)

Embolization of Common Hepatic and Left Gastric Arteries Before Distal Pancreatectomy with Celiac Axis Resection

VI159-ED-WEB10 (Wed, 12:45-1:15 PM, Station #10)

Vascular Complications in Renal Transplantation: A Pictorial Review

VI160-ED-X (Digital Education Exhibit)

Anatomical Variations of the Inferior Vena Cava: Cross-sectional MDCT Findings and Three-Dimensional Images

VI161-ED-X (Digital Education Exhibit)

Treatment for Posttraumatic Chylothorax: Focusing on the Technical Aspects of Intra-nodal Lymphangiography and Thoracic Duct Embolization via Left Venous Angle

VI162-ED-SUA10 (Sun, 12:30-1:00 PM, Station #10)

Advanced Pelvic MRI and MRA Techniques for Planning and Follow-up of Interventional Procedures

VI163-ED-X (Digital Education Exhibit)

What Every Resident Should Know About PAD: Workup, Clinical Evaluation and Treatment

VI164-ED-X (Digital Education Exhibit)

Redefining Diagnosis and Management of Budd-Chiari Syndrome

VI165-ED-X (Digital Education Exhibit)

Radiofrequent Ablation Of Benign Thyroid Nodules: How To Do It

VI166-ED-X (Digital Education Exhibit)

Emergent Extended-Transjugular Intrahepatic Porto Systemic Shunt In Budd-Chiari Syndrome with Acute Thrombosis of Splenoportal Axis

VI167-ED-X (Digital Education Exhibit)

Vascular Compression Syndromes: Anatomy, Pathophysiology, Clinical and Imaging Diagnosis: How Can Ultrasound Help?

VI168-ED-X (Digital Education Exhibit)

Abernethy Malformation: Evolving from Conventional Surgery Treatment to Current Endovascular Options

VI169-ED-X (Digital Education Exhibit)

Simulation in IR: Developing a Training Model for Advanced IVC Filter Retrieval

VI170-ED-MOA10 (Mon, 12:15-12:45 PM, Station #10)

When Chyle Leaks: Diagnosis and Management of Lymphatic Leakage

VI171-ED-X (Digital Education Exhibit)

Embolization in Liver Trauma: Patient Selection Criteria, Endovascular Technique, and Outcomes

VI172-ED-X (Digital Education Exhibit)

Evaluation of Vascular Thoracic Outlet Syndrome Using Time-resolved MR Angiography

VI173-ED-MOB9 (Mon, 12:45-1:15 PM, Station #9)

Non-Vascular Gynecological Intervention: How We Do It

VI174-ED-X (Digital Education Exhibit)

The Role of Interventional Radiology in Management of Post-Surgical Complications After Liver Transplantation in Pediatric Population

VI175-ED-TUB11 (Tue, 12:45-1:15 PM, Station #11)

Transcatheter Aortic Valve Implants (TAVI): The Role of Patient-specific 3D Models at Preprocedural Planning

VI176-ED-X (Digital Education Exhibit)

Lung Ablation: Post-procedure Follow-up Imaging Patterns

VI177-ED-X (Digital Education Exhibit)

Visceral Artery Aneurysms: Imaging Review with Clinical, Radiologic, and Treatment Correlation

VI178-ED-X (Digital Education Exhibit)

Transplant Kidney Vascular Complications: Who You Gonna Call? Interventional Radiology!

VI179-ED-X (Digital Education Exhibit)

Vascular Complications in Routine Procedures: What to Look For

VI180-ED-X (Digital Education Exhibit)

Hepatic Portosystemic Shunt: A Review of Imaging and Clinical Features

VI181-ED-X (Digital Education Exhibit)

It's Really Sticky: A Pictorial Review of Glue Utilization in Interventional Radiology

VI182-ED-X (Digital Education Exhibit)

Variant Anatomy and Parasitization: A Pictorial Review for TACE and Y90 Planning

VI183-ED-WEA12 (Wed, 12:15-12:45 PM, Station #12)

Denver Shunts - From A to Z: What the Interventional Radiologist Needs to Know

VI184-ED-X (Digital Education Exhibit)

Urointerventional Radiology: Not Just Bread and Butter Indications - There Are Zebras Too!

VI185-ED-X (Digital Education Exhibit)

Rapid Progression of HCC after RF Ablation: What to Know and How to Reduce

VI186-ED-WEB11 (Wed, 12:45-1:15 PM, Station #11)

A Review of High Intensity Focused Ultrasound with a Focus on Current Status of Use for Prostate Tissue Ablation

VI187-ED-X (Digital Education Exhibit)

Traumatic Arterial Injury: Spectrum of Vascular Findings Beyond Active Extravasation of Contrast: Don't Let Them Go!

VI188-ED-X (Digital Education Exhibit)

So Many Choices to Stop the Flow: Indications and Limitations of Embolization Agents used in Interventional Radiology

VI189-ED-X (Digital Education Exhibit)

Islet Cell Transplantation: An Update for Radiologists

VI190-ED-X (Digital Education Exhibit)

Glued: Endovascular Intraaneurysmal Glue Injection for Peripheral Pulmonary Artery Pseudoaneurysms with Massive Haemoptysis

VI191-ED-X (Digital Education Exhibit)

Pelvic Trauma: The Angiographic Answers In The Open Book

VI192-ED-X (Digital Education Exhibit)

Contrast Enhanced Ultrasound Applications within Interventional Radiology at a Major Tertiary Medical Center

VI193-ED-THA9 (Thu, 12:15-12:45 PM, Station #9)
Ultra High-resolution CT (U-HRCT) Angiography in Pre-treatment Planning of Transcatheter Arterial Chemoembolization (TACE) for HCC

VI194-ED-X (Digital Education Exhibit)
G Tube Misadventures: Some Enteric Food for Thought

VI195-ED-X (Digital Education Exhibit)
Percutaneous Management of Post-surgical Bile Leakage

VI196-ED-X (Digital Education Exhibit)
Image-guide Intervention Techniques in Management of Complication of Pediatric Liver Transplantation

VI197-ED-THB8 (Thu, 12:45-1:15 PM, Station #8)
Balloon Occlusion and Anti-reflux Catheter Techniques For Use in Hepatic Tumor Embolotherapy

VI198-ED-X (Digital Education Exhibit)
Review of Iliocaval Occlusion and Advanced Interventional Techniques for Complex Iliocaval Reconstruction

VI199-ED-X (Digital Education Exhibit)
Transcatheter Arterial Chemoembolization (TACE) for Hepatocellular Carcinoma (HCC) with Vascular Variations and Pitfalls: How To Do It

VI200-ED-X (Digital Education Exhibit)
Internal Biliary Stenting From the Liver to the Bile on a Single Bile Line

VI201-ED-X (Digital Education Exhibit)
Hybrid Intra-arterial CT Angiography (IAC TA) During Interventional Radiology Procedures: A Comprehensive Review

VI202-ED-X (Digital Education Exhibit)
An Image-Based Review of Contemporary Gastroesophageal Varices Management

VI203-ED-X (Digital Education Exhibit)
Stranger Things: Challenging Cases in Aortic Imaging

VI204-ED-SUA11 (Sun, 12:30-1:00 PM, Station #11)
A MILD™ Procedure for a Major Clinical Problem

VI205-ED-X (Digital Education Exhibit)
Can I Biopsy versus Should I Biopsy? A Primer for Residents on How to Select Lesions for Biopsy and Choosing the Safest Approach

VI206-ED-X (Digital Education Exhibit)
Pelvic Vascular Pathologies: Make Your Call!

VI207-ED-SUB9 (Sun, 1:00-1:30 PM, Station #9)
ABCs of Ultrasound: CT/MR/PET/CBCT Fusion-guided Procedures: Techniques and Technology to Enhance Your Practice

VI208-ED-X (Digital Education Exhibit)
IVC Filter Atlas for the General Radiologist: A Pictorial Review of Past and Present Caval Filtration Devices

VI209-ED-X (Digital Education Exhibit)
The Aortic Root : Tips for Its Evaluation as an Anatomical-functional Unit

VI210-ED-X (Digital Education Exhibit)
3D Printing in Radiology and Interventional Radiology

VI211-ED-X (Digital Education Exhibit)
New Tools in carotid Plaque's US Evaluation: CEUS Elastography and 3D-arterial Analysis

VI212-ED-X (Digital Education Exhibit)
Multimodality Fusion: Use of Advanced Software Techniques to Facilitate Increasingly Complex Interventional Radiology Procedures

VI213-ED-X (Digital Education Exhibit)
Never Say Never: Interventional Radiology Optimization of the HCC Liver in the Pre- and Post- Transplant State

VI214-ED-X (Digital Education Exhibit)
Update on Vascular Applications of Multienergetic CT

VI215-ED-X (Digital Education Exhibit)
New Needle Guidance Technology in the Angiography Room: From Cone Beam CT to Stereotaxic Reconstruction From Two Fluoroscopic Views

VI216-ED-X (Digital Education Exhibit)
Second Organ, Third Chance of Life! Plasticity with Stent in Portal Vein Thrombosis and Stenosis in Transplanted Liver: How to Do This With Percutaneous

VI217-ED-X (Digital Education Exhibit)
Master Your Doppler Skills: A Tutorial for Radiologists to Optimize Image Quality When Evaluating Blood Flow

VI218-ED-X (Digital Education Exhibit)
Understanding Imaging Anatomy of the Female Pelvis by Using Angiographic Interpretation

VI219-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Microwave Thermal-Ablation Radiotherapy in the Treatment of Painful Bone Metastasis: Pilot Experience of a Single Center and Comparison with Cryotherapy Ablation Followed By Radiotherapy

VI220-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Lung Cryoablation of Primary Lung Tumors for High Efficacy with Low Morbidity

VI221-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
The Effect of Annual TIPS Volume on Mortality: Year-to-Year Variations in a Single Institution

VI222-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Combination Therapy of Radiofrequency Ablation and Molecular Targeted Chemotherapy with Bevacizumab plus Platinum-Doublet Chemotherapy for a Rabbit VX2 Lung Tumor

VI223-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
TIRADS in Subcentimetric Nodules: Our Experience with Fine Needle Aspiration in More Than 1000 Cases

VI224-SD-SUA6 (Sun, 12:30-1:00 PM, Station #6)
To Evaluate the Clinical Utility of an Electromagnetic Navigation System for Performing Liver Biopsies with Real Time PET-CT and US Fusion

VI225-SD-SUA7 (Sun, 12:30-1:00 PM, Station #7)
Can Minimally-Invasive Treatments (MRgFUS and CT-Guided Percutaneous Radiofrequency Ablation) be an Effective Alternative to Surgery for the Treatment of Bone Osteoblastoma?

VI226-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Renal Parenchymal Volume Preservation Following Percutaneous Cryoablation: A Comparison of MRI and CT-Guidance Utilizing 3D Volumetric Renderings

VI227-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Treatment of Pulmonary Arteriovenous Malformations: Clinical Experience Using Different Embolization Strategies

VI228-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
The Utility of a Benign Biliary Stricture (BBS) Protocol in Preventing the Need for Surgical Revision

VI229-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Irreversible Electroporation Combined with Parenteral Antibiotics Enhances Treatment of Osteomyelitis Caused by Staphylococcus Aureus in a Rabbit Model

VI230-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
CT-Guided 125I Brachytherapy for Distant Oral and Maxillofacial Metastases

VI231-SD-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Evaluation of Microwave Ablation of Liver Malignancy with Enabled Constant Spatial Energy Control to Achieve a Predictable Spherical Ablation Zone

VI232-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Emergency Transarterial Embolization in Post-Operative Hip Bleedings: Indications, Techniques and Results in a Large Cohort after 10 Years' Experience

VI233-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Volumetric Quantification of Lipiodol Deposition on Cone-Beam CT: A Biomarker for Longitudinal Response after Transarterial Chemoembolization in a Prospective Cohort

VI234-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Doxorubicin Drug-Eluting Bead Transarterial Chemoembolization for Inoperable Hepatocellular Carcinoma: Retrospective Single Institution Outcome Series

VI235-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Prostatic Microvascular Anatomy Features Related to the Prostatic Arterial Embolization

VI236-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Is it Possible to Prevent Ethanol-Induced Pulmonary Hypertension by Capturing Sludge Using a Filter? An Experimental Study

VI237-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Assessment of the Occupational Radiation Dose to Eye Lens of Interventional Physicians during Transarterial Chemoembolization for Hepatocellular Carcinoma

VI238-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Image Quality and Radiation Dose of Lower Extremity CT Venography (CTV) Using 70kV TubeVoltage Combined with 50%ASiR-V

VI239-SD-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Cholinesterase Has a Significant Influence on Survival in Patients with Primary Liver Tumors after Radioembolization

VI240-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Transradial Access for Emergent Embolization in Pelvic Trauma: A Feasibility Study

VI241-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Tumor Burden Assessment in Patients with Intrahepatic Cholangiocarcinoma prior to TACE: Determining the Predictive Value of 3D Tumor Analysis for Overall Survival

VI242-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Can a Robotic Tracking System Be Useful to Reduce Time and Dose Exposure to Patients and Interventional Radiologists? Our Experience with CT-Guided Bone Procedures

VI243-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
The Value of Needle-Guidance Technology in Ultrasound-Guided, Percutaneous Procedures Performed By Radiology Residents: A Comparison of Free-Hand; In-Plane, Fixed-Angle; and Electromagnetic Needle Tracking Techniques

VI244-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Safety of Image-Guided Percutaneous Core Needle Biopsy of Hepatocellular Carcinoma With and Without Concurrent Therapeutic Ablation: 1080 Cases

VI245-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Stratification and Prognosis for Advanced-Stage Hepatocellular Carcinoma Treated with TACE Monotherapy or TACE Plus Sorafenib

VI246-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Hemodialysis Catheter Integrity during Mechanical Power Injection of Iodinated Contrast Medium

VI247-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
MR Lymphography: A Reliable Tool for Semiquantitative Grading of Lymphedema in Prevalence and Follow-up of Surgical Treatments

VI248-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Theranostic Application of Lipiodol for Transarterial Chemoembolization in a VX2 Tumor Animal Model

VI249-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Ultrasound Elastography Techniques in Patients with Venous Malformations for Monitoring Sclerotherapy

VI250-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Needle Steering Methods Based on a Loop-Shaped Flexible Mechanisms

VI251-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Prophylactic Internal Iliac Artery Balloon Placement Decreases Operative Blood Loss and Transfusion Requirements in Patients with Invasive Placenta

VI252-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Percutaneous Management of Benign Biliary Enteric Anastomotic Strictures After Iatrogenic Bile Duct Injuries

VI253-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Radiation Dose Reduction and Image Quality Assessment in Endovascular Abdominal Aortic Aneurysm Repair using Low-Dose and Ultra-Low-Dose Protocols: Initial Results at a Single Center

VI254-SD-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Cross-Sectional Imaging (CSI) Findings Predict Clinically Significant Portal Hypertension (pHTN): Correlation with Direct Hepato-Portal Venous Gradient (HPVG) and Portosystemic Gradient (PSG) Manometry

VI255-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Outcomes of the Option vs Denali (ODEN) Trial

VI256-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Outcomes in Patients with Metastatic Hepatic Tumors after Repeated Transarterial Embolization

VI257-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Feasibility and Clinical Value of CT-guided ¹²⁵I Brachytherapy in Pain Palliation of Bone Metastases from Breast Cancer

VI258-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Evaluation of Time Course in Arteriosclerosis, MRI Analysis and Pathological Findings: A Basic Investigative Animal Study

VI259-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Evaluation of Quiescent-Interval Single-Shot Magnetic Resonance Angiography in Diabetic Patients with Clinical Limb Ischemia: Compared with Contrast-Enhanced Magnetic Resonance Angiography at 3.0 Tesla

VI260-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Low-Dose CT Protocols Guiding Radiofrequency Ablation for the Treatment of Small Renal Cell Carcinomas

VI261-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Endovascular Repair of Visceral Arterial Aneurysms: A Systematic Review of the Literature and Report of Outcomes at an Academic Medical Center

VI262-SD-TUB8 (Tue, 12:45-1:15 PM, Station #8)
Safety, Efficacy and Accuracy of Cone Beam CT Navigation for Combined Liver Directed Therapies in One Session

VI263-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Application of Syngo iFlow in Assessment of Skeletal Muscle Ischemia Reperfusion Injury in a Rabbit Model

VI264-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Demographic and Facility Volume Related Outcomes in Ablation for Early Stage Hepatocellular Carcinoma: A National Cancer Database Analysis

VI265-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Improving MR Image Quality and Temperature Monitoring During MR-Guided Microwave Ablations

VI266-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
3D Fat Saturated T1 VIBE for the Diagnosis of Aortitis in Patients with Suspected Large Vessel Vasculitis Using Fully Integrated 18F-FDG PET/MRI

VI267-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
In-vitro Evaluation on Radiopacity of Contrast-loaded Superabsorbent Polymer Microspheres (SAP-MS) with Static Imaging and a Flow Model

VI268-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Comparing the Outcomes of Endovascular and Open Surgical Techniques in the Treatment of Ruptured Abdominal Aortic Aneurysms

VI269-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Comparing Cost Effectiveness and Safety of CT-Guided Percutaneous Pericardial Drainage with Conventional Subxiphoid Surgical Pericardial Drainage

VI270-SD-WEB8 (Wed, 12:45-1:15 PM, Station #8)
Percutaneous CT Guided Biopsies of the Cervical Spine: Technique, Histopathologic and Microbiologic Yield, and Safety at a Single Academic Institution

VI271-SD-WEA9 (Wed, 12:15-12:45 PM, Station #9)
Treatment of Pulmonary Arteriovenous Malformations (PAVM) Embolized with Microvascular Plugs (MVP) in Patients with Hereditary Hemorrhagic Telangiectasia (HHT)

VI272-SD-WEA10 (Wed, 12:15-12:45 PM, Station #10)
Impact of Ablation Guidance and Confirmation Software on Percutaneous Microwave Ablation of Liver Tumors

VI273-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Diagnostic Value of Dynamic CT Angiography in Peripheral Arterial Occlusive Disease: Compared with Standard CT Angiography

VI274-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Ultrasound-invisible Early Stage Hepatocellular Carcinoma: Comparison Between Chemoembolization and Combined Therapy using Chemoembolization and Radiofrequency Ablation

VI275-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Is Contrast Needed for Magnetic Resonance Angiography of the Thoracic Aorta?

VI276-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Cryoablation of Plasmacytomas: Technical Challenges, Complications and Oncologic Efficacy

VI277-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Irreversible Electroporation for the Treatment of Malignant Hepatic, Pancreatic and Nodal Disease: Single Centre Experience

VI278-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Value of Follow-Up Angiography and Predictive Factors of Further Intervention in Patients Undergoing Catheter-Directed Thrombolysis for Massive and Submassive Pulmonary Embolism

VI279-SD-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Comparison of Outcomes and Cost Effectiveness of Tris-Acryl Gelatin Microspheres (TAGM) versus Combined TAGM and Gelatin Sponge Particles in Uterine Artery Embolization for Symptomatic Leiomyomata

VI280-SD-WEA8 (Wed, 12:15-12:45 PM, Station #8)
Has Gender Diversity Improved Among Interventional Radiology Fellows From 1991 to 2015? A Comparative Study With Other Related Fields

VI281-SD-WEB9 (Wed, 12:45-1:15 PM, Station #9)
The Myth of Murphy's Sign

VI282-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Percutaneous Cholecystostomy for Emphysematous Cholecystitis

VI283-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Ablation of Hepatic Tissue Using Microwave Ablation: An Option to Overcome the Heat-Sink Effect?

VI284-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Prospective Randomized MIRA Trial: Microwave Ablation vs Radiofrequency Ablation of Oligonodular Liver Metastases

VI285-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Treatment Results of Low Concentration Barium Enema against Colonic Diverticular Bleeding

VI286-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Trans-Jejunostomy Stent Placement in Patients with Malignant Small Bowel Obstructions

VI287-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Feasibility and Clinical Value of CT-Guided 125I Brachytherapy for Metastatic Soft Tissue Sarcoma after First-Line Chemotherapy Failure

VI288-SD-THA7 (Thu, 12:15-12:45 PM, Station #7)
Comparison of Ferumoxytol MR and CT for the Detection of Arteriovenous Malformations (AVMs) in HHT: Initial Results

VI289-SD-THA8 (Thu, 12:15-12:45 PM, Station #8)
Safety and Efficacy of IRE after Major Liver Surgery

VI291-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Costs Analysis in Transarterial Therapies of Intermediate HCC (cTACE, DEB-TACE, Radioembolization) from a Healthcare-Provider and a Third-Party-Payer Perspective

VI292-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Where is the Origin of the Last Normal Branch from Feeding Artery of the Pulmonary Arteriovenous Malformations?

VI293-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Proposal of a New Diagnostic Criteria for Localizing Insulinomas in the Selective Arterial Calcium Injection (SACI) Test: Decision Tree Analysis

VI294-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Long Term Outcomes of Transjugular Intrahepatic Portosystemic Shunt in Indian Patients with Budd-Chiari Syndrome

VI295-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Comparison of Recent Growth Trends in Surgical and Percutaneous Treatment of Lower Extremity Venous Insufficiency

VI296-SD-THB7 (Thu, 12:45-1:15 PM, Station #7)
Acute Effects of Irreversible Electroporation (IRE) on the Gallbladder Wall: Histopathologic Analysis and Imaging Findings in a Pig Model

Notes
