



POSTERS AND EXHIBITS

Located in Hall D, Level 3, Lakeside Center is the home to education exhibits, scientific digital posters, quantitative imaging reading room, quality improvement reports and informatics demonstrations.

Case of the Day

- ED001
Breast Case of the Day
- ED002
Cardiac Case of the Day
- ED003
Chest Case of the Day
- ED004
Emergency Radiology Case of the Day
- ED005
Gastrointestinal Case of the Day
- ED006
Genitourinary Case of the Day
- ED007
Interventional Radiology Case of the Day

- ED008
Musculoskeletal Case of the Day
- ED009
Neuroradiology Case of the Day
- ED010
Nuclear Medicine Case of the Day
- ED011
Obstetrical Imaging Case of the Day
- ED012
Pediatric Case of the Day
- ED013
Physics Case of the Day
- ED014
Ultrasound Case of the Day
- ED015
Molecular Imaging Case of the Day

CME Learning Checkpoint Exhibits

ED020

CME Learning Checkpoint Exhibit ED020 (CT-Guided Fiducial Placement for Preoperative Localization of Small Pulmonary Nodules: How We Do It)

ED021

CME Learning Checkpoint Exhibit ED021 (Extreme Lateral Interbody Fusion (XLIF): Review of Surgical Technique and Spectrum of Post-treatment Imaging Findings that Radiologists Need to Know)

ED022

CME Learning Checkpoint Exhibit ED022 (When Sleeping Becomes a Nightmare: Computer Tomography Evaluation of Sleep Apnea Syndrome with Muller Maneuver)

ED023

CME Learning Checkpoint Exhibit ED023 (Update on Malformations of Cortical Development)

ED024

CME Learning Checkpoint Exhibit ED024 (Spectrum of Pineal Region Tumors in Pediatric Patients: A Pictorial Review)

ED025

CME Learning Checkpoint Exhibit ED025 (Comprehensive Review of Pediatric Liver MR Elastography (MRE): Techniques, Tips, and Common Indications)

ED026

CME Learning Checkpoint Exhibit ED026 (Smoke and Mirrors: A Review of the Top Artifacts on CT, MR, Ultrasound, and Molecular Imaging That Residents Should Know)

ED027

CME Learning Checkpoint Exhibit ED027 (The Physics of Diffusion MRI and its Applications in Oncology)

ED028

CME Learning Checkpoint Exhibit ED028 (Long-Term Complications of Renal Transplants: Interventional Management Techniques)

Special Interest Demonstrations

DM001

Ask the Expert: Media Production Tips and Tricks

DM002

National Cancer Institute Image Perception Research Lab

Breast

BR001-EB-X (Hardcopy Backboard)
Male Breast Disease: Pictorial Review of Multimodality Images

BR002-EB-X (Hardcopy Backboard)
Synthetic Mammography: Advantages, Disadvantages, Artifacts, and Pitfalls

BR003-EB-X (Hardcopy Backboard)
Is It Really a Simple Intramammary Lymph Node?

BR004-EB-X (Hardcopy Backboard)
Radiation Treatment Planning: What the Breast Imager Should Know

BR005-EB-X (Hardcopy Backboard)
Complex Cystic and Solid Breast Masses - What Should I Know?

BR006-EB-X (Hardcopy Backboard)
Malignant Breast Lesions: Can We Predict the Tumor Subtype?

BR007-EB-THB (Thu, 12:45-1:15 PM, Hardcopy Backboard)
What Radiologists Should Know to Avoid Mistakes in Screening Breast US

BR008-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Where is the Lesion? Mammographic-Sonographic and Breast MR Imaging Correlation

BR009-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)
Quantitative MRI Radiomics in Breast Cancer: Tumor Perfusion and Heterogeneity

BR010-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)
Imaging Findings of Breast Implant Complications: What Has Changed with Latest-Generation Implants?

BR011-EB-THB (Thu, 12:45-1:15 PM, Hardcopy Backboard)
Contrast Enhanced Spectral Mammography (CESM). The "What, When and How" Guide to Using it in a Symptomatic Tertiary Referral Center

BR012-EB-X (Hardcopy Backboard)
Incidental Extra-Mammary Findings on Breast MRI: A Pictorial Illustration

BR013-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Beware of the Rare: A Pictorial Review of Unusual Breast Lesions

BR100-ED-X (Digital Education Exhibit)
Imaging of Lesions of Uncertain Malignant Potential on Core Biopsy

BR101-ED-X (Digital Education Exhibit)
BRCA Mash-Up: Pictorial Review of BRCA-Associated Breast Cancer Phenotypes

BR102-ED-X (Digital Education Exhibit)
Technique and Benefits for Same Day Dual-Energy Contrast-Enhanced Mammography and Breast Biopsy

BR103-ED-X (Digital Education Exhibit)
Breast Cancer Recurrence in the Post-Operative Breast: Catch Me If You Can!

BR104-ED-X (Digital Education Exhibit)
A Radiologist's Practical Guide to use of DWI during Breast MRI

BR105-ED-X (Digital Education Exhibit)
Multimodality Approach to the Nipple-Areolar Complex: A Pictorial Review and Diagnostic Algorithm

BR106-ED-X (Digital Education Exhibit)
Breast Asymmetry. What Does It Mean? What Should I Do?

BR107-ED-X (Digital Education Exhibit)
Tumor Biology and Imaging Manifestations: Can You Match the Imaging Findings to the Correct Tumor Type?

BR108-ED-X (Digital Education Exhibit)
Basic Concepts and Implications of Molecular Classification of Breast Cancer

BR109-ED-X (Digital Education Exhibit)
You Found What in My Breast?!

BR110-ED-X (Digital Education Exhibit)
Radioactive Seed Localization-Speed Bumps of Early Adoption: How to Pave the Way to Successful Use of Non-Wire Localizations

BR111-ED-X (Digital Education Exhibit)
Optimizing Mammographic Positioning: One Technologist at a Time

BR112-ED-X (Digital Education Exhibit)
Preparation of Digital Mammograms for the Application of Deep Learning Algorithms

BR113-ED-X (Digital Education Exhibit)
Embracing EQUIP in Our Daily Mammography Environment:
Best Practices and Lessons Learned (The EQUIP Way or the
Highway)

BR114-ED-X (Digital Education Exhibit)
Cone Beam CT: A Promising Approach to Non-Oncologic
Imaging of the Surgically-Altered Breast

BR115-ED-X (Digital Education Exhibit)
Diagnostic Breast Imaging and Interventions in the Age of
Digital Breast Tomosynthesis: How We Do It

BR116-ED-X (Digital Education Exhibit)
Breast Cancer in Younger Women: Screening and Diagnostic
Imaging Examinations

BR117-ED-X (Digital Education Exhibit)
Breast Diseases Arising in Patient of Chronic Renal Failure
or Kidney Transplantation: What Radiologists Should Know

BR118-ED-X (Digital Education Exhibit)
Encouraging Mammography Screening: Strategies for
Designing a Culturally and Linguistically Targeted Breast
Cancer Educational Program for a Multicultural Population

BR119-ED-X (Digital Education Exhibit)
How to Identify Women Who Are Above Average Risk for
Developing Breast Cancer: Retrospective Review of our
Institution's First Year Experience After Implementing a
Breast Cancer Risk Assessment Program in Breast Imaging

BR120-ED-X (Digital Education Exhibit)
Diagnostic Imaging for Accelerated Partial Breast Irradiation

BR121-ED-X (Digital Education Exhibit)
Extent of Breast Cancer: Assessment with Sonography
(US), Realtime Elastography (EG), and Magnetic Resonance
Imaging (MRI)

BR122-ED-X (Digital Education Exhibit)
Male Breast Masses: A Multimodality Pictorial Review with
Radiopathologic Correlation

BR123-ED-X (Digital Education Exhibit)
Granulomas in the Breast: Do I Need to Worry?

BR124-ED-X (Digital Education Exhibit)
MRI-Detected Breast Lesions: Comparison with Second-
look US Using Real-time Virtual Sonography and
Histopathological Findings

BR125-ED-X (Digital Education Exhibit)
Tomosynthesis and Its Benefits in the Diagnosis of
Architectural Distortions: A Way to Increase Our Diagnostic
Capacity

BR126-ED-X (Digital Education Exhibit)
A Multi-Modality, Case-Based Review of the 8th Edition
AJCC Breast Cancer Staging and Prognosis Algorithm: The
Why and How It Impacts Staging

BR127-ED-X (Digital Education Exhibit)
Developing Asymmetry: Learning Algorithm

BR128-ED-X (Digital Education Exhibit)
What Can It Be Except Gynecomastia?: Imaging Findings of
the Common and Uncommon Causes of the Breast Lump in
Male Patients

BR129-ED-X (Digital Education Exhibit)
A Standardized Approach and Lexicon for Effective
Reporting of Breast Cancer MRIs Pre and Post-Neoadjuvant
Chemotherapy

BR130-ED-X (Digital Education Exhibit)
Breast Cancer Screening in Transgender Patients

BR131-ED-X (Digital Education Exhibit)
Contrast-Enhanced Spectral Mammography (CESM):
Lessons Learned from Early Clinical Implementation

BR132-ED-X (Digital Education Exhibit)
CESM as a Tool for Staging and Post-Neoadjuvant
Chemotherapy Treatment Response

BR133-ED-X (Digital Education Exhibit)
The Art of Diagnosing

BR134-ED-X (Digital Education Exhibit)
Breast Cancer in Patients Under the Age of Forty: Imaging,
Assessment, and Management

BR135-ED-X (Digital Education Exhibit)
Incidental FDG Uptake in the Breast: A "Hot" Topic

BR136-ED-X (Digital Education Exhibit)
The Value of Adding Contrast Enhanced Spectral
Mammography to the Diagnostic Breast Imaging Practice:
How to Implement a Program and Examples of the Utility of
CESM as a Problem Solving Tool

BR137-ED-X (Digital Education Exhibit)
What Radiologists Should Know About Artifacts in Breast
MRI

BR138-ED-X (Digital Education Exhibit)
Out With the Old... Let 'Go with the New BI-RADS MRI
Guide for the Resident

BR139-ED-X (Digital Education Exhibit)
False Negative Breast Lesions - What They Can Teach

BR140-ED-X (Digital Education Exhibit)
Looking Beyond: Extramammary Findings in Breast MRI

BR141-ED-X (Digital Education Exhibit)
Breast Density Issues and Impacts on Mammography
Screening

BR142-ED-X (Digital Education Exhibit)
The Role of Diffusion Weighted MR Imaging in Breast
Lesions

BR143-ED-X (Digital Education Exhibit)
Common and Uncommon Breast Lesions in Women Under
30: Clinical Presentation, Diagnosis, and Management

BR144-ED-X (Digital Education Exhibit)
The Medical Student Experience: From Diagnosis to
Treatment of Breast Cancer Improving the Medical Student
Rotation in the Breast Care Center

BR145-ED-X (Digital Education Exhibit)
Utilization of Molecular Breast Imaging in Women with
Breast Foreign Bodies

BR146-ED-X (Digital Education Exhibit)
Breast Invaders: Atypical Infectious and Parasitic Breast
Diseases

BR147-ED-X (Digital Education Exhibit)
Second Look Breast Ultrasound: A Practical Approach

BR148-ED-X (Digital Education Exhibit)
Pathologic Nipple Discharge: Evaluation, Management, and
Imaging Findings

BR149-ED-X (Digital Education Exhibit)
Catch Me If You Know It: Common Image Quality Problems
in 2D Versus 3D Mammography

BR150-ED-X (Digital Education Exhibit)
Architectural Distortion Revisited: Pearls and Pitfalls in the
Detection of Architectural Distortion on Mammography and
Spectrum of Pathologies

BR151-ED-X (Digital Education Exhibit)
Treatment of Breast Fibroadenoma with High Intensity
Focused Ultrasound (HIFU)

BR152-ED-X (Digital Education Exhibit)
The Wire and Beyond: A Review of Recent Advances
in Breast Imaging Pre-Operative Needle Localization
Technology

BR153-ED-X (Digital Education Exhibit)
Inflammatory Breast Cancer: A Multimodality Approach

BR154-ED-X (Digital Education Exhibit)
Metastasis to the Breast: Where Do They Come From?

BR155-ED-X (Digital Education Exhibit)
Contrast Enhanced Spectral Mammography (CESM) -
Principle, Protocol, Interpretation, and Challenge

BR156-ED-X (Digital Education Exhibit)
Breast Cancer MRI Staging: An Easy to Follow Algorithm

BR157-ED-X (Digital Education Exhibit)
MRI BI-RADS 3: When It Is and When It Is Not

BR158-ED-X (Digital Education Exhibit)
Male Breast: The Good, the Bad, and the Ugly

BR159-ED-X (Digital Education Exhibit)
MRI vs Pathology: Evaluation of Pathologic Complete
Response of Breast Cancer Subtypes After Neoadjuvant
Chemotherapy - Can We Avoid Breast Surgery in the Era of
Personalized Medicine?

BR160-ED-X (Digital Education Exhibit)
Beyond Ducts and Lobules: Imaging of Non-Epithelial
Tumors of the Breast

BR161-ED-X (Digital Education Exhibit)
Palpable Lesions of Breast: What the Radiologist Should
Know

BR162-ED-X (Digital Education Exhibit)
Breast Implants: A Pictorial Review of Implant
Complications

BR163-ED-X (Digital Education Exhibit)
Ready for BI-RADS Mammography Assessment Categories?
Take a Quiz!

BR164-ED-X (Digital Education Exhibit)
Pseudoangiomatous Stromal Hyperplasia of the Breast:
What the Pathology May Explain from Different Imaging
Findings

BR165-ED-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Hematopoietic and Connective Tissue Diseases of the
Breast

BR166-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Ouch, That Hurts! Breast Trauma: What the Radiologist
Needs to Know

BR167-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)
Inflammatory Processes of the Breast a Pictorial Review

BR168-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
Testing the Waters: Multimodality Imaging Evaluation of
Peri-Implant Effusions

BR169-ED-SUA9 (Sun, 12:30-1:00 PM, Station #9)
Comparison of DCIS and Invasive Ductal Carcinoma on
Digital 2D versus Synthesized 2D Mammography

BR170-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Imaging of Free Liquid Silicone Injections in the
Transgender Breast

BR171-ED-SUB67 (Sun, 1:00-1:30 PM, Station #7)
Breast Implants for Residents Test Your Knowledge in
Common and Uncommon Findings

BR172-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)
Law and Order: Staying aBREAST of Medicolegal Issues in
Mammography

BR173-ED-SUB9 (Sun, 1:00-1:30 PM, Station #9)
Breast Elastography: How Does It Help? Interactive
Case Review Including Helpful Tips for Incorporating
Elastography in Your Practice

BR174-ED-SUB10 (Sun, 1:00-1:30 PM, Station #10)
New Findings on Breast MRI with Benign or Probably
Benign Characteristics: Evaluation, Differential, and
Management Dilemmas

BR175-ED-SUB11 (Sun, 1:00-1:30 PM, Station #10)
Imaging Findings Following Image Guided Cryoablation Of
Breast Cancer: A New Normal

BR176-ED-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Contrast-Enhanced Mammography: Current Applications and
Future Direction

BR177-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Factors Affecting MRI Accuracy in Evaluating of
Neoadjuvant Therapy Response in Breast Cancer: A
Pictorial Review with Radiopathological Correlation

BR178-ED-MOA9 (Mon, 12:15-12:45 PM, Station #9)
Pitfalls, Tricks, and Tips in the Sonographic Evaluation of
Breast. What the Radiology Residents Need to Know?

BR179-ED-MOA10 (Mon, 12:15-12:45 PM, Station #10)
Breast Imaging STAT: A Pictorial Review of Acute
Pathology

BR180-ED-MOA11 (Mon, 12:15-12:45 PM, Station #11)
Primary Breast Tuberculosis: Imaging Findings

BR181-ED-MOA12 (Mon, 12:15-12:45 PM, Station #12)
Probably Benign Assessment on Breast MRI: Appropriate
and Inappropriate Utilization

BR182-ED-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Advances in Radiology Education: Development of
Subspecialty Specific Entrustable Professional Activities
Using a Double Delphi Technique

BR183-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Two Faces Breast Cancer: Shooting the Enemy More Than
One Time with Biopsy Gun to Unmask It

BR184-ED-MOB9 (Mon, 12:45-1:15 PM, Station #9)
Don't Forget the Breast: Incidental Breast Findings on CT

BR185-ED-MOB10 (Mon, 12:45-1:15 PM, Station #10)
You Sow What You Reap: Tumoral Needle Tract Seeding
After Percutaneous Breast Biopsy

BR186-ED-MOB11 (Mon, 12:45-1:15 PM, Station #11)
Increased Unnaturally? What Lies Beneath Markedly
Enlarged Breast

BR187-ED-MOB12 (Mon, 12:45-1:15 PM, Station #12)
2018 New Trends! Axillary Ultrasound

BR188-ED-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Missed Breast Cancers: The Unconscious Bias in Breast
Imaging

BR189-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Perceptive and Interpretive Pitfalls at Digital Breast
Tomosynthesis (DBT) - Lessons from Continued Clinical
Practice

BR190-ED-TUA9 (Tue, 12:15-12:45 PM, Station #9)
Breast Imaging of Ductal Carcinoma in Situ: Dilemma
Between Overtreatment and Underestimation

BR191-ED-TUA10 (Tue, 12:15-12:45 PM, Station #10)
Not Your Mother's Breast Cancer - Imaging and Review of
Breast Cancer Under 30 and Other Mimics

BR192-ED-TUA11 (Tue, 12:15-12:45 PM, Station #11)
The Bright Side of the Post-Surgical Breast: Benign
Findings After Breast Manipulation

BR193-ED-TUB8 (Tue, 12:45-1:15 PM, Station #8)
Freezing Instead of Excising: Cryoablation for Early Stage
Breast Cancer

BR194-ED-TUB9 (Tue, 12:45-1:15 PM, Station #9)
Getting Acquainted with the Man(l)y Facets of the Lesser
Known Male Breast: Lessons Learned From a 10-year
Institutional Look-Back

BR195-ED-TUB10 (Tue, 12:45-1:15 PM, Station #10)
The 123's of Breast Cancer Staging

BR196-ED-TUB11 (Tue, 12:45-1:15 PM, Station #11)
The Future Breast Imager: Understanding the Clinician's
Perspective

BR197-ED-TUB12 (Tue, 12:45-1:15 PM, Station #12)
The Dark Side of the Post-Surgical Breast: Recurrence in
Breast Cancer Follow-Up Care

BR198-ED-TUA12 (Tue, 12:15-12:45 PM, Station #12)
Luminal B Subtype Breast Cancer: Radiogenomic
Correlation

BR199-ED-WEA8 (Wed, 12:15-12:45 PM, Station #8)
The Forgotten Male Breast: A Comprehensive Review of
Male Breast Disease

BR200-ED-WEA9 (Wed, 12:15-12:45 PM, Station #9)
What the Breast Radiologist Needs to Know About Imaging
Transgender Patients

BR201-ED-WEA10 (Wed, 12:15-12:45 PM, Station #10)
Unilateral Palpable Male Breast Lump: What Is Underneath!

BR202-ED-WEA11 (Wed, 12:15-12:45 PM, Station #11)
Multimodality Imaging of Lobular Neoplasia: Review
of Imaging Features and Updates on Controversies in
Management

BR203-ED-WEA12 (Wed, 12:15-12:45 PM, Station #12)
Inserting Colors into the Diagnosis: When Doppler Makes
the Difference in Breast Ultrasound

BR204-ED-SUA10 (Sun, 12:30-1:00 PM, Station #10)
Round Malignancies: A Pictorial Review with Radiologic-
Pathologic Correlation

BR205-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)
Interval Breast Cancers in the Era of Precision Medicine: A
Multimodality Approach

BR206-ED-WEB9 (Wed, 12:45-1:15 PM, Station #9)
A Wolf in Sheep's Clothing: Cancer Masquerading as a
Benign-appearing Breast Mass

BR207-ED-WEB10 (Wed, 12:45-1:15 PM, Station #10)
Coming Out: Making Your Breast Imaging Center LGBT
Friendly

BR208-ED-WEB11 (Wed, 12:45-1:15 PM, Station #11)
Anything but Binary: Exploring the Spectrum of Imaging
Concerns in the Transgender Patient

BR209-ED-WEB12 (Wed, 12:45-1:15 PM, Station #12)
A Comprehensive Breast Cancer Risk Management Program
Developed in a Radiology Department to Share with
Referring Physicians

BR210-ED-THA12 (Thu, 12:15-12:45 PM, Station #12)
Genetic Testing for Hereditary Breast and Ovarian Cancer:
A Primer for Radiologists

BR211-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
Easily Seen, Difficult Diagnosis: Spectrum of Lesions
Involving the Nipple

BR212-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)
Systematic Approach to Lesions Involving Nipple-Areolar
Complex Using MRI

BR213-ED-THA9 (Thu, 12:15-12:45 PM, Station #9)
Preoperative Freehand Breast MRI Needle/Hookwire
Localization of Lesions in Hard to Reach Locations Where
Grid Techniques Fail: Indications, Techniques, and Pitfalls

BR214-ED-THA10 (Thu, 12:15-12:45 PM, Station #10)
Intraoperative Use of 3D Printed Breast Models in the
Setting of Breast Cancer

BR215-ED-THA11 (Thu, 12:15-12:45 PM, Station #11)
Non-mass Findings on Breast Ultrasound (US): Detection,
Differential, Diagnosis

BR216-ED-THB6 (Thu, 12:45-1:15 PM, Station #6)

Superficial Breast Lesions That We Need to Know

BR217-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)

Mammographic Evaluation of Calcifications: Atlas for Residents

BR218-ED-THB8 (Thu, 12:45-1:15 PM, Station #8)

Contrast Enhanced Mammography: Where Does It Fail?

BR219-ED-THB9 (Thu, 12:45-1:15 PM, Station #9)

MRI Biopsy Radiology/Pathology Concordance: A Rapid Review of Common Pathologic Entities

BR220-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)

Breast Density Classification and Follow-Up Decision Support System Using Deep Convolutional Models

BR221-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Accuracy of the Nodal Staging in Breast Carcinoma Using 18F-FDG-PET/MRI, Comparison with Pathological Findings

BR222-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)

Automated Volumetric Breast Density Estimation: A Comparison with Radiologists' Qualitative Classification

BR223-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)

The Many Faces of Contrast Enhancing Benign Breast Lesions in Digital Mammography

BR224-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)

Evaluation of Gd-Deposits in Healthy Women Participating in High Risk Screening Program for Early Breast Cancer Detection

BR225-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)

Radiomics Analysis with Contrast-Enhanced Dual-Energy Mammography for the Differentiation of Hormone Receptor Status and Tumor Invasiveness in Breast Cancer Patients

BR226-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)

Patient, Provider, and Facility Characteristics Associated with Observed Variations in Breast Cancer Screening Outcomes: Findings from A Learning Health System

BR227-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)

Breast Imaging (Contrast Enhanced Spectral Mammography)

BR228-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)

Does Tomosynthesis Work for Everyone?

BR229-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)

Ultrasound Radiomics in the Differentiation Between Benign and Malignant Breast Masses: Comparison Between Conventional Ultrasonography and Shear-Wave Elastography

BR230-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)

Impact of Inflammatory Breast Cancer Heterogeneity for Predicting Survival: Low-Dose Breast CT Texture Analysis

BR231-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)

Clinical Impact of Second Opinion Radiology Consultation for Patients with Breast Cancer

BR232-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)

Prediction of 21-Gene Recurrence Score in Patients with Estrogen Receptor-positive Early-Stage Breast Cancer Using MRI-based Radiomics Nomogram

BR233-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)

Volumetric versus Area-based Breast Density Assessment: Comparisons using Fully-Automated Quantitative Measurements in a Large Screening Population

BR234-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)

Breast Cancer Risk Assessment at the Time of Screening Mammography: Pathology and BIRADS Outcomes

BR235-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)

Does the Tumor Stiffness of Shear Wave Elastography Correlate with Tumor Hypoxia or Fibrosis of Breast Cancer?

BR236-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)

Therapeutic Nipple Sparing Mastectomy (NSM): Tumor-To-Nipple Distance (TND) on Preoperative MRI as Useful Variable in Surgical Patient Selection and Outcomes

BR237-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)

Determining the Appropriateness of Second Look Targeted Sonography Recommendation Following Detection of Suspicious Non-Mass Enhancement (NME) Detected on Breast Magnetic Resonance Imaging (MRI)

BR238-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)

Prediction of Neoadjuvant Chemotherapy Response using Radiogenomics of MR Imaging in Breast Cancer: Correlation of Quantitative and Qualitative MR findings with Results of Multi-Gene Classifier

BR239-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)

Breast Cancer and Breast Imaging Malpractice Litigation: A 10-Year Analysis and Update in Trends

BR240-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)

Measurement of Breast Density Using Bioimpedance

BR241-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Evaluating the Timeliness of Abnormal Mammography
Follow-up Based on Race at an Urban Safety Net Hospital

BR242-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Outcome Analysis of BI-RADS Category 3 Lesions in
Young Women Imaged in Tertiary University Versus Safety-
Net Hospital Setting: Is There an Impact of Healthcare
Disparity?

BR243-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Pre-Treatment Prediction of Pathologic Complete Response
to Neoadjuvant Chemotherapy in Node-Positive Breast
Cancer Patients: A Breast MRI Radiomics Pilot Study

BR244-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Histological Whole-Slide Imaging for Invasive Breast
Cancer: A Novel Technique to Obtain Quantitative
Parameters Correlating with the Apparent Diffusion
Coefficient

BR245-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Usefulness of CAD (Computer-Aided Detection) System for
Screening Automatic Breast Ultrasound

BR246-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Analysis of Background Echotexture on Automated Breast
Ultrasound: Correlation with Mammographic Density

BR247-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Clinical Usefulness of Digital Breast Tomosynthesis (DBT)
and Hybrid 18F-FDG PETMRI (PETMR) for Monitoring
Neoadjuvant Chemotherapy (NAC) in Breast Cancer

BR248-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Changes in the Utilization of the BI-RADS Category 3
Assessment in Recalled Patients Screened with Digital
Mammography Before and After the Implementation of
Diagnostic Digital Breast Tomosynthesis

BR249-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Management of Atypical Breast Papillomas by US-Guided
Vacuum-Assisted Removal: Long-Term Outcomes

BR250-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Longitudinal Investigation of Tumor Heterogeneity in
Breast DCE-MRI to Improve Early Response Assessment
to Neoadjuvant Chemotherapy for Locally Advanced Breast
Cancer: Results from the ACRIN 6657/I-SPY-1 Trial

BR251-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Development and Validation of a Deep Learning Model
for More Accurate and Consistent Assessment of MRI
Background Parenchymal Enhancement

BR252-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Diagnosis of Triple Negative Breast Cancer Using Machine
Learning Methods of Quantitative Computerized Ultrasound
Features

BR253-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Comparison of Automated Breast Ultrasound (ABUS)
QVCAD Standalone Performance on Somo-v and Invenia
Cases

BR254-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Associations Between Magnetic Resonance Imaging (MRI)
Biomarkers and Tumor-Infiltrating Lymphocytes (TILs) in
Breast Cancer: Results from a Preliminary Study

BR255-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Patient and Tumor Characteristics to Predict the Benefit of
Pre-Operative Breast MRI: Results from a Machine Learning
Approach at a High Volume Academic Center

BR256-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Peritumoral Fat Content Correlates with Histologic
Prognostic Factors in Breast Carcinoma: Iterative
Decomposition of Water and Fat with Echo Asymmetry and
Least-Squares Emission (IDEAL) Study

BR257-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Cancer Detection Rate for Stereotactic Biopsies Performed
on Initially Categorized BI-RADS 3 Calcifications

BR258-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Radiologists versus Deep Learning Model Inter-Observer
Variability in Mammographic Breast Density Assessment

BR259-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Convolutional Neural Network Based Breast Cancer Risk
Stratification Using a Mammographic Dataset

BR260-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
The Significance of Asymmetries in Screening
Mammograms with Digital Breast Tomosynthesis

BR261-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Utility of Targeted Ultrasound for the Evaluation of Palpable
Breast Symptoms in Breastfeeding Women

BR262-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Ductal Carcinoma in Situ Detected on Ultrasound Only
Showed More Favorable Features Than Ductal Carcinoma
in Situ Detected on Mammography in Asymptomatic Women
with Dense Breasts

BR263-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Is the Contrast Enhanced Mammography an Alternative to Magnetic Resonance Imaging for the Presurgical Evaluation of Tumor Response in Breast Cancer Patients Treated with Neoadjuvant Chemotherapy?

BR264-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Microcalcifications of Ductal Carcinoma in Situ of the Breast: Correlation between Breast Imaging and Pathological and Biological Features

BR265-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Potential of Deep Learning and Conventional Radiomics in the Task of Distinguishing Between Malignant and Benign Breast Lesions in a Large Clinical MRI Dataset from China

BR266-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Performance of Screening Breast MRI According to Different Risk Categories

BR267-SD-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Multi-reader Multi-case Virtual Clinical Trial of Lesion Detection in Digital Mammography and Digital Breast Tomosynthesis

BR268-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Prediction of Axillary Response by Monitoring with Ultrasound and MRI During and After Neoadjuvant Chemotherapy in Breast Cancer Patients

BR269-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Comparison Between Radiation Dose of 2D Digital versus Digital Tomosynthesis Guided Stereotactic Breast Biopsies: Tomosynthesis Wins!

BR270-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Cognitive Bias in Screening Mammography

BR271-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Imaging Features Associated with Pathological Complete Response in HER2 Positive Breast Cancer after Neoadjuvant Chemotherapy with Dual Blockade

BR272-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Comparison between Abbreviated Protocol (AB-MR) and Full Diagnostic Protocol (FD-MR) in the Characterization of Lesions Detected by Breast MRI: A Multi-reader Study

BR273-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Fully Automated Breast Lesion Segmentation on DCE-MRI Using a Convolutional Neural Network for Radiomic Analysis

BR274-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Comparison of Results from Three Different Density Assessment Methods on Mammographic Density (MD) in Screening Patients Receiving Vitamin D (Vit D): Results of CALGB 70806 (Alliance)

BR275-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
"Virtual" Full-Dose (VFD) Technology: Radiation Dose Reduction in Digital Breast Tomosynthesis (DBT) by Means of Neural Network Convolution (NNC) Deep Learning

BR276-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Comparative the Average Glandular Dose between Digital Breast Tomosynthesis (DBT) and Full-Field Digital Mammography (FFDM): Correlation with Breast Thickness and Density

BR277-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Fate of a BI-RADS 3 Lesion: An Analysis of the Characteristics, Follow Up, Diagnostic Workup, and Cancer Rate of Probably Benign Lesions Seen at Breast MRI

Cardiac

CA001-EC-X (Custom Application Computer Demonstration)
3D High-Resolution Microstructure Imaging of the Heart

CA100-ED-X (Digital Education Exhibit)
Fat in the Heart: Defining the Spectrum of Conditions by Cardiovascular MRI

CA101-ED-X (Digital Education Exhibit)
Myocardial Infarction with Normal Coronary Arteries (MINCA): Potential Etiologies and Imaging Findings

CA102-ED-X (Digital Education Exhibit)
Cardiac MR Evaluation of Benign Masses and Mass-Mimicking Lesions

CA103-ED-X (Digital Education Exhibit)
1H-Magnetic Resonance Spectroscopy for Metabolic Imaging of Myocardial Triglyceride Content: How 'To Do' It

CA104-ED-X (Digital Education Exhibit)
Demystifying Coronary Bypass Grafts Using MDCT

CA105-ED-X (Digital Education Exhibit)
Go with the Flow: Multimodality Imaging of Cardiovascular Shunts

CA106-ED-X (Digital Education Exhibit)
Coronary CT Angiography with Wide Coverage Detector: How to Optimize Contrast Injection and Scan Protocol Based on Patient Size to Reduce Contrast and Radiation Doses

CA107-ED-X (Digital Education Exhibit)
Cardiac Conduction Devices in Imaging: Simple but Easily Overlooked

CA108-ED-X (Digital Education Exhibit)
Don't Strain Yourself: Strain and Multimodality Imaging in Cardiac Amyloidosis

CA109-ED-X (Digital Education Exhibit)
What Radiologists Need to Know About the Utility of Detector-Based Spectral CT Imaging for Cardiovascular Disease

CA110-ED-X (Digital Education Exhibit)
Myocardial Bridging: How to Measure and Report

CA111-ED-X (Digital Education Exhibit)
The Ability of the Acute Infarct Extracellular Volume Mapping to Quantify Myocardial Area at Risk of a Non-ST Elevation Myocardial Infarction by 320-Slice CT

CA112-ED-X (Digital Education Exhibit)
Cinematic Rendering in Cardiovascular Imaging: Physics, Principles, and Applications

CA113-ED-X (Digital Education Exhibit)
Magnetic Resonance Imaging of Myocarditis

CA114-ED-X (Digital Education Exhibit)
Survivors: Cardiac MRI Guiding Ablation in Chagas Disease Patients with Sustained Ventricular Tachycardia

CA115-ED-X (Digital Education Exhibit)
Secret War: Is the Iron Heart Invincible? Diagnosis of Cardiomyopathy Due to Iron Overload in Cardiac Magnetic Resonance

CA116-ED-X (Digital Education Exhibit)
Pericardial Diseases: Multimodality Imaging Evaluation with Pathology Correlation

CA117-ED-X (Digital Education Exhibit)
MRI of Restrictive Cardiomyopathy

CA118-ED-X (Digital Education Exhibit)
It Is Not Just a DILV (Double Inlet Left Ventricle): The Additional Value of CT in Preoperative Assessment

CA119-ED-X (Digital Education Exhibit)
Current Trends in Diagnostic Imaging of Cardiac Amyloidosis

CA120-ED-X (Digital Education Exhibit)
Athlete's Heart: The Great Pretender

CA121-ED-X (Digital Education Exhibit)
Coronary Artery Termination Variations and Anomalies

CA122-ED-X (Digital Education Exhibit)
Identifying Vulnerable Coronary Plaques - What Should I Know?

CA123-ED-X (Digital Education Exhibit)
The Importance of Multi-Modality Imaging in Cardiac Amyloidosis

CA124-ED-X (Digital Education Exhibit)

Left Ventricular Assist Devices, the Expected and Unexpected - A Multimodality Imaging Review of Left Ventricular Assist Devices in Preoperative, Perioperative, and Destination Therapy Patients

CA125-ED-X (Digital Education Exhibit)

Demystifying Cardiac Assist Devices: Imaging Review of Pediatric Ventricular Assist Devices with Clinical Correlation

CA126-ED-X (Digital Education Exhibit)

Clinical Applications of Spectral Cardiac CT in Ischemic Heart Disease and Various Cardiomyopathies: What the Radiologist Needs to Know

CA127-ED-X (Digital Education Exhibit)

Evaluation of the Accuracy of Iodine-Enhanced Subtraction Myocardial Computed Tomography in the Diagnosis of Cardiac Sarcoidosis: Comparison with Cardiac Magnetic Resonance Imaging

CA128-ED-X (Digital Education Exhibit)

Development of a New Method to Perform Calcium Scoring with High Accuracy in Pulsating Heart

CA129-ED-X (Digital Education Exhibit)

A Radial Sampling Strategy to Overcome Artifacts in Myocardial Delayed Enhancement: Benefits and Pitfalls

CA130-ED-X (Digital Education Exhibit)

A New Star in Cardiac MRI; T2* Mapping and Intra-Myocardial Hemorrhage in the Setting of Acute Myocardial Infarction

CA131-ED-X (Digital Education Exhibit)

Key Stone Status of Radiology in Surgical Decision Making in TOF - Surgeons Perspective

CA132-ED-X (Digital Education Exhibit)

MSCT Imaging of Unusual Coronary to Pulmonary Circulation Fistulae

CA133-ED-X (Digital Education Exhibit)

Spectrum of Conotruncal Anomalies - What Surgeon Wants to Know in Pre-Operative Imaging?

CA134-ED-X (Digital Education Exhibit)

The Pearls and Pitfalls in the Imaging of ECMO Patients

CA135-ED-X (Digital Education Exhibit)

Pericardial Diseases: Pictorial Review of Congenital and Acquired Pathologies and Their Hemodynamic and Clinical Significance

CA136-ED-X (Digital Education Exhibit)

Reading Between the Guidelines: Techniques and Pitfalls in the Assessment of Resting Perfusion Defects on Dual Energy CT Coronary Angiography

CA137-ED-X (Digital Education Exhibit)

Normal and Abnormal Imaging Findings of Cardiovascular Devices: When ECG-Gated CT Might Help

CA138-ED-X (Digital Education Exhibit)

Assessment of Aortic Valve Disease by Cardiac MRI: Beyond Echocardiography

CA139-ED-X (Digital Education Exhibit)

Assessment of Coronary Artery Fistulas by Computed Tomographic Angiography (CTA)

CA140-ED-X (Digital Education Exhibit)

Comprehensive Assessment of Endomyocardial Fibrosis (EMF) by Cardiac Magnetic Resonance (CMR): Morphology, Function, and Tissue Characterization

CA141-ED-X (Digital Education Exhibit)

Comprehensive Assessment of Hypertrophic Cardiomyopathy (HCM) by Cardiac Magnetic Resonance (CMR)

CA142-ED-X (Digital Education Exhibit)

Comprehensive Three-Dimensional Reconstruction of Adult Congenital Heart Disease

CA143-ED-X (Digital Education Exhibit)

Congenital Thoracic Aortic Anomalies

CA144-ED-X (Digital Education Exhibit)

Update on Cardiovascular Devices

CA145-ED-X (Digital Education Exhibit)

The Circles of Life: Conotruncal Arterial Anastomotic Circles and Their Relevance

CA146-ED-X (Digital Education Exhibit)

Cardiac MR for the Evaluation of Left Ventricular Apical Abnormalities - Pathological Conditions and Keys for Differential Diagnosis

CA147-ED-X (Digital Education Exhibit)

Cardiac Catheterization 101 for radiologists

CA148-ED-X (Digital Education Exhibit)

Computed Tomographic Evaluation of Myocardial Ischemia - An Update on Emerging Strategies

CA149-ED-X (Digital Education Exhibit)
Magnetic Resonance Imaging of the Pericardium - A Comprehensive Review with Multi-Modality Correlation

CA150-ED-X (Digital Education Exhibit)
CT for Injuries of Heart and Aorta

CA151-ED-X (Digital Education Exhibit)
How to Quantify the Intramyocardial Hemorrhage After Reperfusion Injury: Comparison to Various Semi-Automated Methods

CA152-ED-X (Digital Education Exhibit)
Superiority of Systolic T1 Mapping with Saturation Recovery for Errors of Image Registration and Identification of Myocardium

CA153-ED-X (Digital Education Exhibit)
The (He)art of Diagnosing Complex Cardiac Cases: Case Based Quiz for Residents

CA154-ED-X (Digital Education Exhibit)
Optimization of One-beat 256 Row Detector Coronary CT Angiography Using Low Contrast Media Protocols in Patients with Free Breathing under Automatic Tube Voltage Selection

CA155-ED-X (Digital Education Exhibit)
Cardiac Image Analysis with Deep Learning Methods

CA156-ED-X (Digital Education Exhibit)
Coronary Artery Variants and Anomalies: A Pictorial Essay

CA157-ED-X (Digital Education Exhibit)
Cardiac MR Mapping: Diagnostic Strategy in Clinical Practice

CA158-ED-X (Digital Education Exhibit)
Anatomy Halved with Complexity Doubled: Imaging Congenital Heart Disease with Univentricular Physiology

CA159-ED-X (Digital Education Exhibit)
Anatomic Considerations and Imaging of Mitral Valve Disease: Pertinent Imaging for Pre-Surgical Planning

CA161-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)
Cardiac MR in Pulmonary Hypertension: From Magnet to Bedside

CA162-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
A Primer on Echocardiography and Cardiac Angiography for the Cardiothoracic Radiologist

CA163-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)
Cut the Mustard: A Pictorial Review of Post-Surgical Anatomy in the Repair of Conotruncal Abnormalities

CA164-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Fontan Circulation in Adults: What a Radiologist Needs to Know

CA165-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
CAD-RADS™: Pushing the Limits

CA166-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Pap in a Snap: All You Need to Know About Papillary Muscles

CA167-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)
Cardiovascular Imaging in Pregnancy - An Update on Current Practice

CA168-ED-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Fluoroscopic Anatomy of the Heart: Comprehensive Understanding with Endocast Imaging and Virtual Dissection Imaging

CA169-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
Cardiac MRI in Patients with Cardiac Arrhythmias - Practical Tips and Tricks

CA170-ED-TUB8 (Tue, 12:45-1:15 PM, Station #8)
Tutorial for Myocardial Perfusion CT

CA171-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)
Mapping the MAPCAs with Dual Source CT: What Do the Cardiothoracic Surgeons Want to Know?

CA172-ED-WEA8 (Wed, 12:15-12:45 PM, Station #8)
Left Ventricular Outflow Tract: A Complete Review of Imaging Related Anatomy, Pathology, and Surgical Techniques

CA173-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)
Getting to the Heart of Eponyms

CA174-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)
A Compendium of Multimodality Imaging in Infective Endocarditis

CA175-ED-THA6 (Thu, 12:15-12:45 PM, Station #6)
Uncommon Connections in Cardiac CT

CA176-ED-THB6 (Thu, 12:45-1:15 PM, Station #6)
Pathologic Entities That May Affect the Lungs and the Myocardium: Keys for Diagnosis and Prognosis with Chest CT and Cardiac MR

CA200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Clinical and CT Angiographic Characteristics of Coronary Lesions that Later Progressed to Chronic Total Occlusion

CA201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Prognostic Value of Normal Coronary Diagnosed Using Coronary CT on Long Time Follow up of 10 Years

CA202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Development and Validation of Generalized Linear Regression Models to Predict Vessel Enhancement on Coronary CT Angiography Scans

CA203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Prevalence and Clinical Sequelae of Non-Ischemic Myocardial Enhancement Detected on Delayed Enhancement Cardiac CT

CA204-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Machine Learning Based CT-FFR Integrating with Quantitative Myocardial Mass Subtended by Coronary Stenosis Outperforms Plaque Features for Predicting Hemodynamical Significance of Lesions

CA205-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Native True T1 Mapping for Non-Contrast Assessment of Myocardial Fibrosis in Patients with Cardiomyopathy: Correlation with Late Gadolinium Enhancement MRI

CA206-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
The Effect on Left Ventricular Diastolic Function 12 Month After Renal Denervation: An Evaluation Based on Cardiac Magnetic Resonance Imaging

CA207-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Relationship between Texture Features of Myocardial Late Gadolinium Enhancement and Ventricular Tachyarrhythmias in Hypertrophic Cardiomyopathy

CA208-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Diagnostic Accuracy of Fractional Flow Reserve Derived from Coronary CT Angiography for Detection of Lesion-Specific Ischemia: A Multi-Center Study

CA209-SD-SUB5 (Sun, 1:00-1:15 PM, Station #5)
Progression of Coronary Artery Calcification in Primary Chronic Glomerulo-Nephritis After Renal Transplantation

CA210-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Diagnostic Performance of Intravoxel Incoherent Motion Diffusion-Weighted Imaging in the Assessment of the Dynamic Status of Myocardial Microvascular Circulation

CA211-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Cardiac Magnetic Resonance Reveals Signs of Subclinical Myocardial Disease in Patients with Myotonic Muscular Dystrophy

CA212-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
2D/3D CMR-Tissue Tracking in the Assessment of Spontaneous T2DM Rhesus Monkeys with Isolated Diastolic Dysfunction

CA213-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Accuracy of RECHARGE Score Derived From Coronary CT Angiography versus Conventional Angiography for the Prediction of Successful Percutaneous Coronary Intervention in Patient with Chronic Total Occlusion

CA214-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Compressed SENSE Single-Breath-Hold and Free-Breathing Cine Imaging for Accelerated Clinical Evaluation of Left Ventricle

CA215-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Unmodified, Autologous Adipose Tissue Derived Regenerative Cells Improve Cardiac Function, Structure and Revascularization in a Porcine Model of Chronic Myocardial Infarction

CA216-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
The Correlation Between Coronary Artery Calcification and Biochemical Risk Factors in Non-Dialysis Patients with Chronic Kidney Disease Using 16cm Wide-Detector Computed Tomography

CA217-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
A Comprehensive Comparison of Two Accelerated 4D-Flow Sequences in Healthy Volunteers Regarding Acquisition Time, Diagnostic Accuracy, Image Quality, and Importance of Eddy Currents Using the Software "Bloodline"

CA218-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Pulsatile Lung Deformation Derived from Feature Tracking of Cardiac Cine Magnetic Resonance Imaging: Assessment of Systemic Sclerosis Related Pulmonary Fibrosis

CA219-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Effect of Long Term CPAP Usage on Cardiac Parameters Assessed with Cardiac MRI

CA220-SD-MOB4 (Mon, 1:00-1:15 PM, Station #4)
Non-Ischemic Myocardial Fibrosis: Diagnostic Performance of Delayed Enhancement Cardiac CT in Comparison with Late Gadolinium Enhancement Cardiac MRI

CA221-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Effect of Collateral Circulation on Left Ventricular Myocardial Strain in Patients with Coronary Artery Chronic Total Occlusion by Cardiovascular Magnetic Resonance Feature Tracking

CA222-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Usefulness of Strain Imaging During Stress-CMR with Adenosine Infusion for a Combined Perfusion-Contractility Evaluation in Detection of Myocardial Ischaemia and Viability

CA223-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
The Correlation Between Kidney Pathological Type and Coronary Artery Calcification in End-Stage Dialysis Patients Using 16cm Wide-Detector CT

CA224-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Preliminary Evaluation of Main Pulmonary Artery Changes in Chronic Mountain Sickness Patients with Phase Contrast MR Imaging

CA225-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Evaluation of Gravity Effect on Inferior Vena Cava and Abdominal Aortic Flow Using Multi-Posture MRI

CA226-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
MR Black Blood Thrombus Imaging in the Detection of Lower Extremity Vein using Optimized 3D FSE Sequence

CA227-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Cardiac MRI (CMR) Strain Parameters in Determining the Need for Cardiac Re-Interventions in Patients with Repaired Tetralogy of Fallot (TOF)

CA228-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Cardiac T1, T2 and T2* Mapping: Intersegmental, Interregional and Inter-level Reproducibility

CA229-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Radiomics of Coronary Artery Calcium in the Framingham Heart Study

CA230-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Cardiac Magnetic Resonance T1 Mapping in Adolescent and Young Adult Survivors of Childhood Cancers

CA231-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Influence of Readers' Experience on the Classification Performances of the Deep Neural Network (DNN) for Classifying Myocardial Delayed Enhancement on Cardiac MRI

CA232-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Validation of Deep Learning Technique for Quantification of Cardiac Left Ventricle

CA233-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Impact of Virtual Monoenergetic Image Types on Image Quality of Late Iodine Enhancement with Dual-Layer Spectral CT in Patient with Hypertrophic Cardiomyopathy (HCM)

CA234-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Utility of Dual-Energy CT for Assessment of Myocardial Fibrosis: Calculation of Extracellular Volume Fraction (ECV) Using Measured Hematocrit versus Virtual Hematocrit

CA235-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Changes of Left Ventricular Myocardial Strain in Acute ST-Elevation Myocardial Infarction Patients before Left Ventricular Remodeling and Its Relation to Microvascular Obstruction: A CMR Feature Tracking Study

CA236-SD-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Quantitative Evaluation of Monoexponential High B Value DWI in Cardiac Tumors

CA237-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Risk Factors of Coronary Artery Calcification in Chinese Children With Chronic Kidney Disease

CA238-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
The Devil Is In the detail: Prognostic Factors in CT of Chronic Aortic Dissection

CA239-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Pitfall of Preoperative CT Information on Aortic Valvuloplasty - Analysis of Measuring Methods Intended to Comprehend Risk Factors in Image Processing and Improve the Procedure

CA240-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Low Radiation Dose Cardiac Computed Tomography for Left Atrium and Pulmonary Vein Imaging Using a New Protocol Based on Contrast-to-Noise Ratio

CA241-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Patients with Atrial Fibrillation Mediated Left Ventricular Systolic Dysfunction Do Not Have Left Ventricular Fibrosis

CA242-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Diagnostic Value of Global Cardiac Strain in Patients with Myocarditis

CA243-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
The Effects of Snapshot Freeze in Improving Image Quality of Coronary CTA among Patients with Different Heart Rates

CA244-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Interobserver Agreement of Virtual Transcatheter Heart Valve to Coronary Distance in Aortic Valve-in-Valve Implantation

CA245-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
CT-Derived 3D Strain for Cardiac Resynchronization Therapy in Patients with Congenital Corrected Transposition of the Great Arteries

CA246-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
The Effect of Motion Correction Algorithm at Low Energy Level of Virtual Monochromatic Images in Coronary CT Angiography with Fast kVp Switching Dual-Energy CT

CA247-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Venous Air Embolism in CT Coronary Angiography

CA248-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Analysis of the Anatomical Features of Pulmonary Veins on Pre-Procedural Cardiac CT Images Resulting in Incomplete Cryoballoon Ablation for Atrial Fibrillation

CA249-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Automated Cardiac MR Plane Classification Using VGG-19 Convolutional Neural Network: A Deep Learning Study

CA250-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Employing Artificial Intelligence to Predict Hematocrit Values from Non-Contrast CT Imaging Data-Towards Fully Automated CT-derived Myocardial Extracellular Volume Fraction Quantification

CA251-SD-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Delayed Enhancement of Papillary Muscles on Cardiac Magnetic Resonance Imaging in Patients with Mitral Regurgitation

CA252-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Coronary Artery to Pulmonary Artery Fistula in Adults: Comparison of 256-Slice MDCT Coronary Angiography and Transthoracic Echocardiography

CA253-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Does the Tube Voltage Affect the Characterization of Coronary Plaques on 100- and 120-kVp CT Scans

CA254-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Long-Term Prognostic Value Coronary Artery Calcium in Heart Transplant Patients

CA255-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Free-Breathing Coronary CT Angiography Using 16-Cm Wide-Detector for Challenging Patients: Comparison with Invasive Coronary Angiography

CA256-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Automatic Segmentation of Lung Volumes in Population-based Whole-Body MR Imaging: Association with Subclinical Cardiac Impairment

CA257-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Machine Learning to Evaluate Atherosclerotic Plaque Composition by Coronary CT: Validation with IB-IVUS

CA258-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Prognostic Value of Coronary CT Angiography (CCTA) in Heart Transplant Patients

CA259-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Evaluation of Coronary Plaque Using Effective Atomic Number in Coronary CT Angiography with Fast kVp Switching Dual-Energy CT: Influence of Intracoronary CT-Attenuation

CA260-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
The Feasibility of an Ultra-Low Dose Contrast Agent Administration Protocol in CCTA for Patients with Renal Insufficiency

CA261-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
CT-Detected Complications after Cardiac Transplantation: Differences between Patients with and Without Bridge to Transplantation

Chest

CH001-EB-X (Hardcopy Backboard)

Keep Bleeding Lung: Radiological Findings in Pulmonary Hemorrhage

CH002-EB-X (Hardcopy Backboard)

Advanced Non-Small Cell Lung Cancer CT Characteristics in the Era of Molecular Medicine: Correlation with ALK and EGFR Molecular Phenotype

CH003-EC-X (Custom Application Computer Demonstration)

Pulmonary Hydatid Cysts - What Are CT Features Should We Know?

CH004-ED-X (Digital Education Exhibit)

Hemoptysis A to Z: What the Radiologist Needs to Know

CH005-EB-X (Hardcopy Backboard)

Vascular Complications of Pulmonary Resection: A Pictorial Review

CH100-ED-X (Digital Education Exhibit)

Imaging of Precision Therapy for Lung Cancer: Update in Genomic, Therapeutic, and Imaging Perspectives

CH101-ED-X (Digital Education Exhibit)

Survival Guide to Multi-disciplinary Interstitial Lung Disease Conference

CH102-ED-X (Digital Education Exhibit)

Current Concepts and Pitfalls in the Multidisciplinary Diagnosis of Fibrosing Interstitial Pneumonias

CH103-ED-X (Digital Education Exhibit)

Not Always Clear: Radiographic Clearance of the Mediastinum in the Emergency Department

CH104-ED-X (Digital Education Exhibit)

Imaging Findings in Pulmonary Vasculitis: A Pattern-Based Approach

CH105-ED-X (Digital Education Exhibit)

Esophageal Carcinoma: Do You Know...

CH106-ED-X (Digital Education Exhibit)

Esophagitis: It Is Not Only About Gastroesophageal Reflux Disease

CH107-ED-X (Digital Education Exhibit)

Upper Lobe Predominant Diseases

CH108-ED-X (Digital Education Exhibit)

Acquired and Congenital Pulmonary Artery Pathologies: Thinking Beyond the Embolism

CH109-ED-X (Digital Education Exhibit)

Non-Tumorous Diseases of the Sternum: At the Front Gate of the Anterior Chest Wall

CH110-ED-X (Digital Education Exhibit)

Shades of Gray: Pitfalls and Problem Solving for Subsolid Densities

CH111-ED-X (Digital Education Exhibit)

Imaging and Prognostic Factors of Non Tuberculous Mycobacterium Pulmonary Disease (NTM-PD)

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Breast Findings on Cross-Sectional Imaging: What the Body Radiologist Needs to Know

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Computer-Aided Analysis of Progression of Idiopathic Pulmonary Fibrosis: Comparison of Pathological Findings

CH114-ED-X (Digital Education Exhibit)

Unusual Imaging Manifestations of Pulmonary Histoplasmosis

CH115-ED-X (Digital Education Exhibit)

Application of Contrast-Enhanced Ultrasound in Guiding Percutaneous Pleural and Peripheral Lung Biopsies

CH116-ED-X (Digital Education Exhibit)

Pre and Post-Operative Imaging Findings of Chronic Thromboembolic Pulmonary Hypertension (CTEPH): What the Surgeon Needs to Know

CH117-ED-X (Digital Education Exhibit)

How to Optimize Scans of Triple-rule-out CT Angiography for Chest Pain Patients with Wide Coverage Detector

CH118-ED-X (Digital Education Exhibit)

Adenocarcinoma of the Lung: Spectrum of Disease with Radiological-Pathological Correlation, Diagnostic Management, and Prognostic Implications

CH119-ED-X (Digital Education Exhibit)

Patterns of Malignant Dissemination in the Chest

CH120-ED-X (Digital Education Exhibit)

Direct and Indirect Findings of Pulmonary Embolism on Pulmonary Magnetic Resonance Angiography: What to Look for and Where These Findings Will Be Located

CH121-ED-X (Digital Education Exhibit)
Imaging of Asthma and Asthma Related Conditions

CH123-ED-X (Digital Education Exhibit)
Pulmonary Vein Mapping: What the Radiologist Needs to Know!

CH124-ED-X (Digital Education Exhibit)
Pitfalls of Bone Suppression on Chest Radiograph: Anatomic Structures Falsely Suppressed

CH125-ED-X (Digital Education Exhibit)
Oncologic Imaging: Thoracic Vascular Emergencies

CH126-ED-X (Digital Education Exhibit)
Micronodular Patterns on High-Resolution Chest CT

CH127-ED-X (Digital Education Exhibit)
Cardiopulmonary Devices the Unknown, the Overlooked, and the Misplaced

CH128-ED-X (Digital Education Exhibit)
Sarcoidosis: Pitfalls in Diagnosis-A Case-Based Review

CH129-ED-X (Digital Education Exhibit)
Correlation Between the Genomic Abnormalities and CT Features of Lung Adenocarcinoma

CH130-ED-X (Digital Education Exhibit)
Lungs N' Silicosis: A Guide to Imaging for Common and Uncommon Manifestations

CH131-ED-X (Digital Education Exhibit)
Esophageal Emergencies: As Another Important Cause of Acute Chest Pain

CH132-ED-X (Digital Education Exhibit)
CT Findings of Common and Uncommon Pulmonary Infections After Lung Transplantation

CH133-ED-X (Digital Education Exhibit)
Take Me Hilar: Pulmonary Artery Diseases Affecting Blood Flow

CH134-ED-X (Digital Education Exhibit)
The God of Small Thoracic Things: Review of Chest Anatomical Variants and Benign Pathologies Which Have Potential for Diagnostic Pitfalls

CH135-ED-X (Digital Education Exhibit)
Imaging of Congenital and Acquired Thoracic Venous Anomalies: What the Radiologist Needs to Know

CH136-ED-X (Digital Education Exhibit)
The Changing Face of Lung Cancer Treatment-Expected Imaging Appearances Following Modern Non-Surgical Treatments: What the Radiologist Needs to Know

CH137-ED-X (Digital Education Exhibit)
The Many Faces of Pulmonary Sarcoidosis

CH138-ED-X (Digital Education Exhibit)
Esophageal Cancer: Role of Imaging in Primary Staging and Assessment of Response to Neoadjuvant Therapy

CH139-ED-X (Digital Education Exhibit)
Radiology-Pathology Correlation of Primary Pericardial Tumors and Tumor-Like Lesions

CH140-ED-X (Digital Education Exhibit)
Mediastinal Mass Mania! Radiographic and Cross-Sectional Correlation of Common Mediastinal Neoplasms

CH141-ED-X (Digital Education Exhibit)
Thoracic Manifestations of Vascular Malformation Disorders

CH142-ED-X (Digital Education Exhibit)
Tissue Characterization by Thoracic MRI with Histopathologic Correlation

CH143-ED-X (Digital Education Exhibit)
Comprehensive Review of Hemoptysis: Imaging and Treatment

CH144-ED-X (Digital Education Exhibit)
Pictorial Review of Aortic Dissection After Endovascular Repair: What Radiologists Need to Know

CH145-ED-X (Digital Education Exhibit)
Acute Pulmonary Embolism: The Role of the Radiologist from Diagnosis to Treatment

CH146-ED-X (Digital Education Exhibit)
Mucormycosis of the Lung: Spectrum of Findings with Pathology Correlation and Evolution of Disease

CH147-ED-X (Digital Education Exhibit)
Tracheobronchial Tumors: Imaging Findings with Pathological Correlation

CH148-ED-X (Digital Education Exhibit)
Chronic Lung Allograft Dysfunction (CLAD): What the Radiologist Should Know

CH149-ED-X (Digital Education Exhibit)
Please Don't Upstage These Lung Cancers! Mimics of Metastatic Disease in Lung Cancer Staging

CH150-ED-X (Digital Education Exhibit)
Pulmonary Infections in Immunocompromised Patients: A Clinico-Radiological Approach

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STOP! Not All Masses are Malignant: A Review of CT Spectrum of Pulmonary Tuberculosis

CH152-ED-X (Digital Education Exhibit)
Pulmonary Fungal Infection in Hematopoietic Stem Cell Transplant (HSCT) Recipients

CH153-ED-X (Digital Education Exhibit)
Lung Ultrasound in Pediatric Thoracic Imaging: An Inspiring Approach

CH154-ED-X (Digital Education Exhibit)
Chronic/Persistent/Migratory Airspace Disease: Causes and Radiographic Findings

CH155-ED-X (Digital Education Exhibit)
Review of Different Underlying Causes of Life-Threatening Hemoptysis

CH156-ED-X (Digital Education Exhibit)
Prediction of Postoperative Lung Function in Patients before Pneumonectomy: Dual-Energy -CT with Lung Perfusion Blood Volume Comparison of Perfusion Scintigraphy

CH157-ED-X (Digital Education Exhibit)
Dual-Energy CT for Pulmonary Artery Embolism: How “To Do It” potential Benefits and Pitfalls

CH158-ED-X (Digital Education Exhibit)
Thoracic Manifestations of Neurological Disorders: A Comprehensive Pictorial Review

CH159-ED-X (Digital Education Exhibit)
Radiologic Review of Lung Adenocarcinoma

CH160-ED-X (Digital Education Exhibit)
Clinical and Imaging Overview of Aspergillosis

CH161-ED-X (Digital Education Exhibit)
Lung Subtraction Imaging by Single-Energy CT for Evaluation of Chronic Thromboembolic Pulmonary Hypertension (CTEPH) Before and After Balloon Pulmonary Angioplasty

CH162-ED-X (Digital Education Exhibit)
Interstitial Lung Disease of Inherited Origin: CT-Pathologic Correlation

CH163-ED-X (Digital Education Exhibit)
Pictorial Review of Malperfusion Caused by Aortic Dissection

CH164-ED-X (Digital Education Exhibit)
Bronchiectasis in 2018: Classification, Imaging Findings, and Beyond

CH165-ED-X (Digital Education Exhibit)
Approach to Various Fat Containing Lesions in Thoracic Imaging

CH166-ED-X (Digital Education Exhibit)
It's Not All in Your Head: Thoracic Manifestations of Neurologic Diseases and Disorders

CH167-ED-X (Digital Education Exhibit)
Do You Really Know CT Findings of Chronic Hypersensitive Pneumonia?

CH168-ED-X (Digital Education Exhibit)
The How, Why, and What of Imaging and Quantification of Emphysema Prior to Lung Volume Reduction

CH169-ED-X (Digital Education Exhibit)
Whole-Lung Dynamic Respiratory CT: Novel Respiratory Function Examination by Dynamic Wide Volume Scanning Using 320-Row ADCT

CH170-ED-X (Digital Education Exhibit)
Interstitial Pneumonia Strongly Suspected of Being Associated with Connective Tissue Disease: Disease Concept, CT Findings, and Pathological Findings

CH171-ED-X (Digital Education Exhibit)
The Salivary Gland Tumor Also Can Appear in the Lung: What the Radiologist Should Know

CH172-ED-X (Digital Education Exhibit)
Let Me Show You Real Radiological Findings of Drug Induced Lung Diseases

CH173-ED-X (Digital Education Exhibit)
Uncommon and Challenging Imaging Manifestations of Lung Adenocarcinoma

CH174-ED-X (Digital Education Exhibit)
Differential Diagnosis of Ground Glass Opacity (GGO) on HRCT: A Must for Thoracic Radiologist

CH175-ED-X (Digital Education Exhibit)
Beyond T.B.: Non-Infectious Granulomatous Diseases of the Chest

CH176-ED-X (Digital Education Exhibit)
Black Holes and Cavitations: Musings on Cavitating Lung Nodules

CH177-ED-X (Digital Education Exhibit)
Beyond Chronic Pneumonia: A Review of the Non-Infectious Causes of Chronic Airspace Disease

CH178-ED-X (Digital Education Exhibit)
"Breaking Bud:' A New Twist to Tree-In-Bud Pattern in Bronchiolitis

CH179-ED-X (Digital Education Exhibit)
Pulmonary Vein Stenosis - Not Your Usual Suspect

CH180-ED-X (Digital Education Exhibit)
HRCT Findings in Pulmonary Tuberculosis in Patients with HIV/AIDS

CH181-ED-X (Digital Education Exhibit)
State-Of-The-Art Imaging in Chronic Thromboembolic Pulmonary Disease

CH182-ED-X (Digital Education Exhibit)
To the Rescue: An Overview of Hemodialysis Reliable Outflow (HeRO) Graft Imaging

CH184-ED-X (Digital Education Exhibit)
Ultra-High-Resolution CT Contributes to Reduce Radiation Dose in High-Contrast Regions

CH185-ED-X (Digital Education Exhibit)
CT Appearances of Emphysema in Never Smokers with Interstitial Lung Disease

CH186-ED-X (Digital Education Exhibit)
Pulmonary Metastasis? Where Are You From?

CH187-ED-X (Digital Education Exhibit)
Nail It! Lesions of the Chest with Novel, Pathognomonic T1 and T2 Weighted Imaging Findings That Allow Specific Diagnosis

CH188-ED-X (Digital Education Exhibit)
Features and Complications of Pleuroparenchymal Fibroelastosis in Interstitial Lung Disease

CH189-ED-X (Digital Education Exhibit)
Pneumocystis Jirovecii Pneumonia in Non-HIV Immunocompromised Patients: Chest High-Resolution Computed Tomography (HRCT) Findings and Differential Diagnosis

CH190-ED-X (Digital Education Exhibit)
Evaluation of Noise Reduction Techniques in Chest CT

CH191-ED-X (Digital Education Exhibit)
Correlation Between Lung Perfusion Blood Volume (Lung PBV) and Mosaic Perfusion on CT Images in Patients with Chronic Thromboembolic Pulmonary Hypertension (CTEPH) Before and After Balloon Pulmonary Angioplasty (BPA)

CH192-ED-X (Digital Education Exhibit)
Sacrificing Dose Without Sacrificing Diagnostic Quality: Benefits of Model-Based Iterative Reconstruction CT with Focus on Acute Thoracic Imaging

CH193-ED-X (Digital Education Exhibit)
Imaging of Chronic Obstructive Pulmonary Disease (COPD) Using Hyperpolarized Xenon (HPX) MRI, Ventilation and Perfusion Single Photon Emission Computed Tomography (V/Q-SPECT), and Volumetric High-Resolution Thin-Section CT (vHRCT)

CH194-ED-X (Digital Education Exhibit)
The Reverse Halo Sign: What It Means and What Causes It

CH195-ED-X (Digital Education Exhibit)
Transdiaphragmatic Pathologies: Anatomical Background, Pathologies and Spread of Disease on Cross Sectional Imaging with Pathological Correlation

CH196-ED-X (Digital Education Exhibit)
Modern Technical Adaptations for High Resolution CT (HRCT) Imaging of the Lungs

CH197-ED-X (Digital Education Exhibit)
Novel Cardiopulmonary Devices, Purpose, and Imaging Appearances

CH198-ED-X (Digital Education Exhibit)
Understanding the Air Trapping and Causes from HRCT

CH199-ED-X (Digital Education Exhibit)
How Does the Immunological Status of the Patient Alter the Face of Pulmonary Tuberculosis?

CH200-ED-X (Digital Education Exhibit)
Update on Imaging of Non-Aortic Thoracic Vessel Tumors

CH201-ED-X (Digital Education Exhibit)
Manifestations of Mediastinal Hemangiomas: Spectrum of CT Findings with Pathological correlation and Their Significance

CH202-ED-X (Digital Education Exhibit)
Intrathoracic Lymph Node Calcification: Rockin' the Differential

CH203-ED-X (Digital Education Exhibit)
Early Stage Lung Cancer Therapy: What Every Radiologist Should Know

CH204-ED-X (Digital Education Exhibit)
Imaging of the Post-Operative Chest and Complications

CH205-ED-X (Digital Education Exhibit)
Color the Abnormality: Multi-Energy CT of the Thorax

CH206-ED-X (Digital Education Exhibit)
TNM 8th Edition in the Staging of Lung Adenocarcinoma Spectrum: What the Radiologist Needs to Know

CH207-ED-X (Digital Education Exhibit)
Life After Tuberculosis. Typical and Atypical Thoracic TB Sequelae and Long-Term Complications

CH208-ED-X (Digital Education Exhibit)
Common Variable Immune Deficiency - What Does the Radiologist Need to Know?

CH209-ED-X (Digital Education Exhibit)
What's New in Interstitial Lung Disease? Bronchiolocentric Interstitial Pneumonia: Anatomic-Radiologic Correlation

CH210-ED-X (Digital Education Exhibit)
Evaluation of Cystic Pericardial Masses: Not for the Faint of Heart

CH211-ED-X (Digital Education Exhibit)
Constrictive Bronchiolitis: Spectrum of HRCT Features and Differential Diagnosis

CH212-ED-X (Digital Education Exhibit)
Epipericardial Fat Necrosis: The Often Forgotten Culprit on Chest CT and CTA Scans Ordered in the Emergency Department

CH213-ED-X (Digital Education Exhibit)
Imaging in Lung Transplantation: A Practical Guide for Radiologists

CH214-ED-X (Digital Education Exhibit)
Xenon Ventilation CT for Various Pulmonary Diseases

CH215-ED-X (Digital Education Exhibit)
Advanced Imaging of Non-Tumoral Chest Diseases

CH216-ED-X (Digital Education Exhibit)
The Esophagus 2.0: The Missing Spot for Chest Radiologist

CH217-ED-X (Digital Education Exhibit)
Multimodality Imaging of the Extrapleural Space: A Primer for the Radiologist

CH218-ED-X (Digital Education Exhibit)
Micro CT and Histopathological Image Registration Based on Deep-Learning Assisted Image Registration

CH219-ED-X (Digital Education Exhibit)
Imaging Approach to Immunoglobulin G4 -Related Lung Disease

CH220-ED-X (Digital Education Exhibit)
Staging the Gray Areas: Recognizing Defined Situations and Proposals for Undefined Scenarios in Lung Cancer Staging

CH221-ED-X (Digital Education Exhibit)
Clinical Aspects Relating to Acute Pulmonary Embolism Imaging

CH222-ED-X (Digital Education Exhibit)
Nonthrombotic Pulmonary Embolism (NPE): A Pictorial Roadmap

CH223-ED-X (Digital Education Exhibit)
Imaging Spectrum of Tuberculosis on CT Chest

CH224-ED-X (Digital Education Exhibit)
Pulmonary Cryptococcosis: Computed Tomography (CT) Findings in Immunocompetent and Immunocompromised Patients

CH225-ED-X (Digital Education Exhibit)
Imaging of Complicated Pneumonia in the Pediatric Population

CH226-ED-X (Digital Education Exhibit)
Differential Diagnosis of Thoracic Lymphadenopathy

CH227-ED-X (Digital Education Exhibit)
Multimodality Imaging of Tracheobronchial Tumours with Clinical-Pathological Correlation

CH228-ED-X (Digital Education Exhibit)
Back to the Future-Pulmonary Tuberculosis on CT Scans: What Radiologists Need to Know

CH229-ED-X (Digital Education Exhibit)
Apical Pleural Thickening: From Scar Tissue to
Pleuroparenchymal Fibroelastosis (PPFE): A Rare Entity
revisited

CH230-ED-X (Digital Education Exhibit)
Evaluation and Management of Subsolid Nodules (SSNs):
From Lung Cancer Screening to Everyday Clinical Practice

CH231-ED-X (Digital Education Exhibit)
Molecular Testing Guideline for the Selection of Patients
with Lung Cancer for Treatment with Targeted Tyrosine
Kinase Inhibitors as per ASCO 2018 Guidelines: Relevance
for Radiologists

CH232-ED-X (Digital Education Exhibit)
Unusual Lung Masses: Learning Across Two Continents

CH233-ED-X (Digital Education Exhibit)
Revising the Updated Multidisciplinary Approach to the
Diagnosis of Idiopathic Pulmonary Fibrosis According to
Fleischner White Paper: Case-Based Approach

CH234-ED-X (Digital Education Exhibit)
Thoracic Involvement in Collagen Vascular Disorders: A
Pictorial Essay

CH235-ED-X (Digital Education Exhibit)
Diagnosis of Hypersensitivity Pneumonitis: Where Do We
Stand Currently and Future Directions?

CH236-ED-X (Digital Education Exhibit)
Pulmonary Calcifications: Imaging Features and Differential
Diagnosis

CH237-ED-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Tracheal Abnormalities on CT: A Pictorial Review

CH238-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Hybrid (CT and MR) 3D Printing Models in Chest Tumors:
How I Do It Step-By-Step

CH239-ED-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Radiologic Patterns of Immune Checkpoint Inhibitor-
Associated Pneumonitis and Management According to
2018 ASCO Guidelines: A Primer for the Radiologist

CH240-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Deep Learning in Pulmonary Nodule Detection and
Classification Using Images of Digital Radiography

CH241-ED-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Bubbling Over: What Radiologists Should Look for Following
a Positive Bubble Study

CH242-ED-MOB6 (Mon, 12:45-1:15 PM, Station #6)
MR Imaging of The Lung Pathology: Why and How?

CH243-ED-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Recent Modifications to the TNM Lung Cancer Stage
Classification: Wait, What? How Do I Do That?

CH244-ED-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Novel Ultra-High-Resolution CT Imaging for Lung Diseases

CH245-ED-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Radiomics in Lung Cancer: State of the Art

CH246-ED-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Imaging After Conventional and Stereotactic Body Radiation
Therapy in the Thorax

CH247-ED-TUB6 (Tue, 12:45-1:15 PM, Station #5)
The Surgical 3DCT Anatomy of the Pulmonary Vessels for
Lung Cancer: What Radiologists Should Know

CH248-ED-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Imaging Follow-Up After Radiofrequency Ablation (RFA)
in Patients with Early Stage Non-Small Cell Lung Cancer
(NSCLC): An Experience-Based Pictorial Review

CH249-ED-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Pictorial Review of Complications and Growth Patterns in
Target Therapy and Immunotherapy: The Challenge of the
Oncologist Radiologist in the New Era of Cancer Care

CH250-ED-WEA8 (Wed, 12:15-12:45 PM, Station #8)
Quantitative Computed Tomography Analysis of Diffuse
Lung Disease

CH251-ED-WEB7 (Wed, 12:45-1:15 PM, Station #7)
2017 Updates to the Fleischner Society Guidelines for
Management of Small Pulmonary Nodules Detected on CT
Scans: What the Radiologist Should Know

CH252-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)
The IASLC Lung Cancer Staging The New TNM (Eighth
Edition): What You Have to Know

CH253-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
Thoracic Devices in 2018: A Comprehensive Pictorial
Review of Devices Seen on Chest Radiograph

CH254-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)
I Can See Your Halo

CH255-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)
Molecular Testing Guideline for the Selection of Patients with Lung Cancer for Treatment with Targeted Therapies as per ASCO 2018 Guidelines: Relevance for Radiologists

CH256-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Utility of Ultra High-Resolution CT in Quantitative Evaluation of Airway in Chronic Obstructive Pulmonary Disease (COPD) Using a QIBA Phantom

CH257-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Electromagnetic Navigational Bronchoscopy (ENB) as an Emerging Diagnostic Tool: The Role of MDCT and the Relevance of the "CT Bronchus Sign"

CH258-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
EGFR Exon19 and Exon21 Mutations Prediction by CT-Based Radiomics Features in Lung Adenocarcinoma

CH259-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Using Deep Learning to Predict Emphysema in Early Lung Cancer Screening Low-Dose CT Scan

CH260-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
ECG-Gated Ultra High Resolution CT (UHRCT) in the Lower Lung Field

CH261-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Superiority of Artificial Intelligence over Radiologists in Detecting Pulmonary Nodules

CH262-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Validation of IPF Prediction Model Using Quantum Particle Swarm Optimization Hybridized Random Forest

CH263-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Detection and Phenotyping of Emphysema Using a New Machine Learning Method

CH264-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Correlation of Sterno-Aortic Distance with FEV1/FVC and FEV1 in Patients with COPD

CH265-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Performance of Preoperative N-Staging for Non-Small Cell Lung Cancer Patients: Comparison Among Short Inversion Time Inversion Recovery (STIR), Diffusion-Weighted Imaging (DWI), and FDG-PET/CT in a Multi-Center Study

CH266-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
CT Radiomics Model in Predicting Prognosis of Stage I Solid Lung Adenocarcinoma

CH267-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Prediction of Response to Endobronchial Coiling Based on Morphologic Emphysema Characterization of the Lung Lobe to be Treated and the Ipsilateral Non-Treated Lobe as well as on Functional CT-Data: Correlation with Clinical and Pulmonary Function

CH268-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Computer-aided Detection of Pulmonary Nodules Can Serve as a First Reader for Lung Cancer Screening Exams When Utilizing Lung-RADs Categorization and Management

CH269-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Visibility of Intralobular Bronchioles by Ultra-High Resolution CT

CH270-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Machine Learning-Based Analysis of MRI Radiomics: Pathological Classification and Clinical Staging Prediction of Thymic Epithelial Tumors

CH271-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Assessment of Different Lung Cancer Subtypes: Diagnostic Value of Quantitative Dual-Energy CT Iodine Maps Combined with Morphological CT Features

CH272-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Evaluation of a Virtual Anti-Scatter Grid for Bedside Chest Radiography at Intensive Care Unit: Effects on Image Quality and Radiation Dose

CH273-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Workup of Positive Findings on Baseline Lung Cancer Screening: Implications of the Use of Two Protocols and Methods of Nodule Measurement

CH274-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Thin-Section CT May Identify the Cases Meeting the Histological Criteria of Interstitial Pneumonia with Autoimmune Features Among the Population Showing Usual Interstitial Pneumonia Pattern Fibrosis

CH275-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Performance of Various Machine Learning Methods in CT Texture Analysis to Differentiate Lung Cancer from Benign Nodule with Small Ground-Glass Opacity Nodules

CH276-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Prognostic Implications of Radiomic Features for EGFR Mutation Status in Patients with Lung Adenocarcinoma

CH277-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Automatic Segmentation for Pulmonary Pure Ground-Glass Nodules from Follow-Up CT Scans Using Recurrent Convolutional Neural Networks

CH278-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
STIR Turbo Spin-echo Imaging versus Contrast-Enhanced Thin-Section CT: Capability for Chest Wall Invasion Assessment in Candidates for Surgical Resection due to Non-Small Cell Lung Cancer

CH279-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Quantitative Computed Tomography Phenotypes, Spirometric Parameters, and Clinical Findings in Heavy Smokers

CH280-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Is a Chest CT Alone Sufficient to Determine Progression of Disease in Stage 4 Lung Cancer Clinical Trial Patients?

CH281-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Predicting Pathological Noninvasiveness in T1 Non-Small Cell Lung Cancer on Chest CT Scan Using Deep Learning Algorithm

CH282-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Inter-Observer Agreement in the Classification of Perifissural Nodules as Lymphnodes on Chest CT

CH283-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
T1 Mapping in Thoracic Neoplasms: Initial Experience

CH284-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Differences of CT Bone Density, Pulmonary Function, and Bone Mineral Density According to Smoking Status and Amount in Healthy Men

CH285-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Hepatocellular Metastasis in the Thorax

CH286-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
The Apparent Diffusion Coefficient and Tumor Size in Non-Small Cell Lung Cancer Is Prognostic After Stereotactic Body Radiation Therapy

CH287-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Interstitial Lung Abnormalities in Stage IV Non-Small Cell Lung Cancer Patients: A Validation Study for the Association with Poor Clinical Outcome

CH288-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
The Value of Clot Volume in Risk Stratification of Acute Pulmonary Embolism Based on a 3-Dimensional Technique

CH289-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Deep Learning Reconstruction in Thoracic CT: Comparison of Image Quality with Iterative Reconstruction Methods

CH290-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Clinical Usefulness of Combined Use of Ultra-High-Resolution CT and Iterative Reconstruction in CT Virtual Bronchoscopy

CH291-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Lung Nodule Detection Performance Using a Deep Convolutional Neural Network Model Using Wide Detector Spectral Ct Monochromatic Imaging? A Preliminary Phantom Study

CH292-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Evaluation of Deep Bone Suppression Imaging (deepBSI) for Lung Nodule Detection: A Comparative Study

CH293-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Interstitial Lung Involvement in Idiopathic Inflammatory Myopathies: Ultrasound Evaluation of Pleural Irregularities Compared to CT Quantitative and Semi-Quantitative Analysis

CH294-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Hemodynamic Status of Main Pulmonary Artery in
Pulmonary Hypertension

CH295-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Development and Validation of a Deep Learning-Based
Automatic Detection Algorithm for Active Pulmonary
Tuberculosis on Chest Radiographs

CH296-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Outcome of PET/CT Negative Solid Pulmonary Nodule: A
Retrospective Study

CH297-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Utilization of Bone Suppression Imaging by Using Deep
Learning on Chest Radiograph: Detectability of Lung
Nodules and Exploring for Effectual Interpretation Methods

CH298-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
CT Air Trapping Assessment in Usual Interstitial Pneumonia
Pattern

CH299-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
The Imaging Features of TSCT Predict the Expression
of PD-L1 in Patients with Surgical Resection of Lung
Adenocarcinoma

CH300-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Dual-Layer Detector Spectral CT (DLCT) for Assessing the
Lymph Node Metastasis of Lung Cancer

CH301-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Improving Measurement Variability of Radiomics for Lung
Nodules between Different Reconstruction Kernels at CT:
Convolutional Neural Network-based Kernel Conversion

CH302-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Assessment of Invasive Pulmonary Adenocarcinoma and
Non-Invasive Pulmonary Adenocarcinoma in Pure Ground
Glass Nodules with the Maximum Diameter Less Than 1cm
Using Quantitative CT

CH303-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Imaging-Based Surrogate Markers of Epidermal Growth
Factor Receptor (Egfr) Mutation in Lung Adenocarcinoma: A
Local Perspective

CH304-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Quantitative Mass Analysis of Early Lung Adenocarcinoma
Showing Subsolid Nodules on Low Dose Computed
Tomography

CH305-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Logistic Regression Model of Thin-Slice Computed
Tomography Features Differentiate Invasive Lung
Adenocarcinoma Appearing as Subsolid Nodules within 5 to
10 mm in Diameter

CH306-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Association Between CT Texture Characteristics and EGFR
Gene Mutation of Lung Adenocarcinoma

CH307-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Comparison of Novel Whole Nodule First Pass Analysis
versus Standard Maximum Slope Model in the Detection of
Lung Malignancies using Low-Dose CT Perfusion

Emergency Radiology

ER001-EB-X (Hardcopy Backboard)
Face the Facial Injuries!

ER002-EB-X (Hardcopy Backboard)
The Mechanics of Cardiac Gated CTA in the ED for Suspected Aortic Dissection

ER003-EB-X (Hardcopy Backboard)
Dual Energy CT Enabled Bone Subtraction in the Diagnosis of Intracranial Pathology

ER004-EB-X (Hardcopy Backboard)
Visualization of Retained Surgical Items Using a Tissue Realistic 3D Printed Abdominal Trauma Phantom

ER005-EB-X (Hardcopy Backboard)
Time of Death: Traumatic and Non-Traumatic Review of Hypoperfusion Complex

ER006-EB-X (Hardcopy Backboard)
Evaluation of Acute Maxillofacial Injuries with 3D Cinematic Rendering: Initial Observations

ER007-EB-X (Hardcopy Backboard)
Pancreatic Trauma - Rare but Serious

ER008-EB-X (Hardcopy Backboard)
Trauma Head CT: Reduction of Beam Hardening and Blooming Artifacts Using Dual Energy and Virtual Monochromatic Imaging to Improve the Display of the Bone/Brain Interface

ER009-EB-X (Hardcopy Backboard)
Small Bowel Obstruction from Internal and External Hernias: An Approach to Imaging Interpretation

ER100-ED-X (Digital Education Exhibit)
MRI for Acute Abdomen: Selection of Appropriate Sequence and Image Interpretation

ER101-ED-X (Digital Education Exhibit)
Pain in the Neck: How to Systematically Read and Report an Emergency Neck CT

ER102-ED-X (Digital Education Exhibit)
The Many Faces of Right Lower Quadrant Pain: An Approach to MRI for Suspected Appendicitis

ER103-ED-X (Digital Education Exhibit)
Thoracic Abnormal Air Collections in Intensive-Care Unit: Radiograph Findings Correlated with CT

ER104-ED-X (Digital Education Exhibit)
Non-Contrast MRI of Acute Abdominopelvic Pain in Pregnancy: Pathology and Pearls

ER105-ED-X (Digital Education Exhibit)
Parasitic Diseases as a Cause of Acute Abdomen

ER106-ED-X (Digital Education Exhibit)
Gastrointestinal Obstruction: Beyond Adhesions and Colorectal Carcinomas

ER107-ED-X (Digital Education Exhibit)
Detecting and Quantifying Bone Marrow Edema in Knee Joint in Emergency CT: New Applications of Non-Enhanced Dual-Energy Spectral CT

ER108-ED-X (Digital Education Exhibit)
Emergent Complications of Cosmetic Surgery: A Pictorial Review

ER109-ED-X (Digital Education Exhibit)
Acute Right Flank Pain: Not Only Appendicitis!

ER110-ED-X (Digital Education Exhibit)
Imaging Approach for Acute Abdomen During Pregnancy: Common to Uncommon Causes

ER111-ED-X (Digital Education Exhibit)
Renal Causes of Acute Flank Pain: More Than Just Stones

ER112-ED-X (Digital Education Exhibit)
Bone Marrow Edema Detection by DECT: A Game-changer in the Emergency Department

ER113-ED-X (Digital Education Exhibit)
Absent/Abnormal/Reduced Flow in Testis: Thinking Beyond Torsion

ER114-ED-X (Digital Education Exhibit)
Emergency Cases Resulting from Fish Bone Ingestion

ER115-ED-X (Digital Education Exhibit)
Dual Energy CT for Non-Traumatic Abdominal Emergency

ER116-ED-X (Digital Education Exhibit)
Recognizing Unusual and Atypical Patterns of Ischemic Stroke in the ED

ER117-ED-X (Digital Education Exhibit)
Pathologies of the IVC that Radiologists Need to See: Spectrum of Disorders Involving the IVC that are Encountered in the Emergency Room

ER118-ED-X (Digital Education Exhibit)
Don't Be Outflanked: The Role of Imaging in Retroperitoneal Trauma

ER119-ED-X (Digital Education Exhibit)
'Under Pressure' - Lessons Learnt from Overlooked Diaphragmatic Injuries

ER120-ED-X (Digital Education Exhibit)
MDCT Features of Bowel Ischemia: Spotlight on Non Occlusive Mesenteric Ischemia

ER121-ED-X (Digital Education Exhibit)
Cad Rads: An Important Tool for Reducing Cost in the Emergency Department - Real World Scenario

ER122-ED-X (Digital Education Exhibit)
Pelvic Fractures and Vascular Injuries - A Primer to Diagnostic Radiologists

ER123-ED-X (Digital Education Exhibit)
A Right Pain: Imaging-Pathologic Correlations in False Positive Diagnoses of Acute Appendicitis

ER124-ED-X (Digital Education Exhibit)
Pseudo-Trauma: Confounding Pre-Existing Pathologic Entities in Trauma Patients

ER125-ED-X (Digital Education Exhibit)
Twists and Turns: An Interactive Guide to Common as Well as Unusual Torsion of Solid Organs and Bowel

ER126-ED-X (Digital Education Exhibit)
Suspected Cord Compression: An MRI Primer for ED Radiologist

ER127-ED-X (Digital Education Exhibit)
Mimicking Appendicitis - Case Based Pictorial Review

ER128-ED-X (Digital Education Exhibit)
Comprehensive Imaging Review of Renal Trauma

ER129-ED-X (Digital Education Exhibit)
Twist of Fate: Multimodality Review of Abdominal and Pelvic Torsion

ER130-ED-X (Digital Education Exhibit)
DeLiVERing the Evidence: What Can We Learn About the Use of Endoscopic Retrograde Cholangiopancreatography (ERCP) in High Grade Liver Traumas?

ER131-ED-X (Digital Education Exhibit)
CT of Massive Nontraumatic Abdominal Hemorrhage: What the Radiologists Need to Know

ER132-ED-X (Digital Education Exhibit)
Thyroid Emergencies: What Radiologists Should Know

ER133-ED-X (Digital Education Exhibit)
Comprehensive Evaluation and Optimization of CT Imaging Strategies in Intrathecal Drug Delivery (ITDD) Failures

ER134-ED-X (Digital Education Exhibit)
Wooden Foreign Bodies and Penetrating Injuries

ER135-ED-X (Digital Education Exhibit)
Practical Guide to Acute Small Bowel Pathology: Spectrum of Diseases from the Run-of-the-Mill to Less Common Etiologies

ER136-ED-X (Digital Education Exhibit)
It's all in the Wrist!

ER137-ED-X (Digital Education Exhibit)
Imaging Evaluation of Tracheobronchial Injuries

ER138-ED-X (Digital Education Exhibit)
Contrast Enhanced US Appearance of Post-Traumatic Visceral Pseudoaneurysms and Active Extravasation - An Overview of Vascular Injuries

ER139-ED-X (Digital Education Exhibit)
Liver on the Edge: Emergency Complications of Cirrhosis and Hepatocellular Carcinoma

ER140-ED-X (Digital Education Exhibit)
IR in the ER: Interventional Radiology Emergencies

ER141-ED-X (Digital Education Exhibit)
Diverticulosis and Diverticulitis: The Bad and the Ugly

ER142-ED-X (Digital Education Exhibit)
The "Gynecological Acute Abdomen": A Multimodality Imaging Review of Gynecological Emergencies Causing Acute Abdominal Pain

ER143-ED-X (Digital Education Exhibit)
Multimodality Imaging of Abdominal Torsion: Clinical Feature and Differential Diagnosis

ER144-ED-X (Digital Education Exhibit)
Where Is the Air? How the Location of Gas Can Drastically Affect Management

ER145-ED-X (Digital Education Exhibit)
What's New in Evaluating Traumatic Solid Organ Injury?
the Use of Contrast Enhanced Ultrasound (CEUS) in
Conjunction with Traditional FAST and CECT in the Imaging
Work-Up of Trauma

ER146-ED-X (Digital Education Exhibit)
Tricks and Tips for the Evaluation of Penetrating
Cardiothoracic Trauma: From Big Issues to Subtle Lesions

ER147-ED-X (Digital Education Exhibit)
Radiology Response to Mass Casualty Incidents: Principles
for Planning and Preparation

ER148-ED-X (Digital Education Exhibit)
Minimal Requirements for the Image Findings and
Management of Pancreatic Trauma: What Should We Know?

ER149-ED-X (Digital Education Exhibit)
Pharyngoesophageal Foreign Bodies: Imaging Diagnosis and
Clinical Significance

ER150-ED-X (Digital Education Exhibit)
Assessment of Blunt and Penetrating Abdominal Solid
Organ Injuries in a Pediatric Population Using Contrast
Enhanced Ultrasound (CEUS) and an Adapted Severity
Grading System Using CEUS

ER151-ED-X (Digital Education Exhibit)
Acute Cervical Spine Trauma: Preliminary Observations and
Experience with Novel 3D Cinematic Rendering

ER152-ED-X (Digital Education Exhibit)
How to Report Blunt and Penetrating Bowel Injuries: No
Longer a Traumatic Experience!

ER153-ED-X (Digital Education Exhibit)
Imaging Adults After CPR, Including ECMO

ER154-ED-X (Digital Education Exhibit)
Unusual Vascular Trauma in Gunshot Wounds: Triggering
the Right Diagnosis

ER155-ED-X (Digital Education Exhibit)
Internal Bleeding After Labor: CT Findings Through a Case-
based Review-When Time Matters

ER156-ED-X (Digital Education Exhibit)
Evaluation of Vascular Pathologies with Novel 3D CT
Cinematic Rendering

ER157-ED-X (Digital Education Exhibit)
Rectal Emergencies: What You Have Always Wondered

ER158-ED-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Pelvic Emergencies: The Role of MR Imaging in the
Emergency Department

ER159-ED-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Penile Emergencies: A Comprehensive Multi-Modality
Imaging Review

ER160-ED-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Dual Energy CT in Gastrointestinal Bleeding: Pearls and
Pitfalls

ER161-ED-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Abdominal Pain After ERCP: What Should We Look For?

ER162-ED-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Added Value of Dual Energy CT in Clinical Routine

ER163-ED-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Dual Energy CT to The Rescue: How DECT Can Help in The
Emergency Department

ER164-ED-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Pancreatic Trauma: A Diagnosis Requiring a
Multidisciplinary Approach

ER165-ED-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Dual-Energy CT: Added-Value in Trauma

ER166-ED-THA5 (Thu, 12:15-12:45 PM, Station #5)
Pediatric Foot and Ankle Fractures: Patterns, Mimics,
Complications, and Treatment

ER200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Ultra-Low Dose One-Shot CT Imaging of Abdomen on 320-
Row Volume CT for Emergency Patients

ER201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Utility of Ultrasound After a Negative CT in the Emergency
Department - Does It Add Anything?

ER202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Utility of Whole Survey Spine MRI in Blunt Trauma Patients
Sustaining Single Level or Contiguous Spinal Fractures

ER203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
The Impact of Socioeconomic Status on CT-Imaging and
Management of Acute Appendicitis

ER204-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
The Feasibility of Point-Of-Care Ankle Ultrasound
Examination in Patients with Recurrent Ankle Sprain
and Chronic Ankle Instability: Comparison with Magnetic
Resonance Imaging

ER205-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Role of 24/7 Emergency Radiology, On-site Staff Radiologist Coverage at a Level 1 Trauma Center, In Reducing the Turn Around Time (TAT) for Acute Brain Computed Tomography Scanning

ER206-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Doctors Knowledge of Doses and Risks of Radiological Procedures Performed in Emergency Department

ER207-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Spontaneous Active Bleeding: Which Predictive Factors Influence in the Therapeutic Decision?

ER208-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Point-of-Care Wrist Ultrasonography in Trauma Patients with Ulnar-Sided Pain and Instability

ER209-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
CT Pulmonary Angiography and Portal Venous Phase Abdomen and Pelvis CT Protocol Experience in the Emergency Department

ER210-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
3D-Surface Reconstructions (Cinematic Rendering) In Postmortem CT after Stab Attacks: Diagnostic Performance and Forensic Relevance of a Novel Cinematic Rendering Software Compared to Conventional CT Images and Autopsy Results

ER211-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Efficacy of Changing the Pitch in Single CT Scan Regarding the Reduction of the Pulsatile Motion Artifact at the Aortic Root Without Increasing the Image Noise

ER212-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Abdominal Computed Tomography for Acute Appendicitis Is Necessary Even in Patients with an Equivocal Alvarado Score (3-6), in the Emergency Department

ER213-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
MDCT Evaluation of Acute Lower Gastrointestinal Bleeding (LGIB)

ER215-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Optic Nerve Sheath Diameter as a Predictor of Acute Infarction in Patients with Acute Vertigo

ER216-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Ultrasound Findings of Strangulated Obstruction with Varied Ischemic Degrees

ER217-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Analysis of Imaging Findings of Patients Admitted to the Emergency Department with a Diagnosis of Seizure

ER218-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Dual-Energy Head CT Accurately Distinguishes Small Foci of Intracranial Hemorrhage from Calcium: A Quantitative Analysis and Reader Study Validation

ER219-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Diagnostic Performance and Essential Imaging Pulse Sequences of MRI for Acute Abdominal Pain by Gastrointestinal Disorders

ER220-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Whole Brain CT-Perfusion in the Emergency Room: Its Utility Beyond Acute Stroke

ER221-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Novel Post Processing CT Technique of "Rib Flattening and Spine Straightening": An Aid in Accelerated and Efficient Detection of Fractures - Single Institute Experience

ER222-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Rapid Imaging Protocol of the Bilateral MCA Territories for Thrombectomy in Acute Ischemic Stroke by 80-Row Area Detector CT

ER223-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Implementing 24/7 Onsite Cardiac Computed Tomography Angiography (CCTA) in the Emergency Department Impact on Patient Care: Retrospective Analysis of One Center Experience

ER224-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Assessment of a Computer Decision Support System (CDSS) for Ordering Cardiac-CT Scan in Patients with Acute Chest Pain Based on Diamond-Forrest Pretest Probability

ER225-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Implementation of an Ultra-Low-Dose CT-Protocol for Extremities: Initial Experience with 106 Subjects

ER226-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Utility of 'Whole Brain' CT-Perfusion in Stroke of Less Frequent Territories

ER227-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Cardiac CT in the Emergency Department: Prevalence and Spectrum of Imaging Findings Beyond the Coronary Plaques

ER228-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Can We Adequately Select Patients with Chest Pain Who Consult in the Emergency Room to Perform Angiography Multidetector CT (MDCT) Coronary?

ER229-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
A Modern Phenomenon: Bicycle Versus Pedestrian Trauma within a Major Urban Trauma Center, Including a Review of Imaging Findings

ER230-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Utility of Body CT in Patients with Head or Neck Injuries from Falls from Standing Height or Less

ER231-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Emergency CT for Assessment and Management of Blunt Traumatic Splenic Injuries at a Level-1 Trauma Center: 13-Year Study

ER232-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Getting It Right the First Time: A Root Cause Analysis of Aborted and Suboptimal Body MRI Scans in the Emergency Department

ER233-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
A Review of Clinical Practice from an Urban Emergency Centre - Are We Imaging Pyelonephritis Appropriately?

ER234-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Parapharyngeal Gas as a CT Sentinel Sign of Skull Base Fracture

ER235-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Blunt Cerebrovascular Injury: 10-Year Experience at a Level I Trauma Center

Gastrointestinal

GI001-EB-X (Hardcopy Backboard)

'TIPS' for the Flow: Hemodynamic Changes and Functional Evaluation for TIPS (Transjugular Intrahepatic Portosystemic Shunts)

GI002-EB-X (Hardcopy Backboard)

Comprehensive Diagnostic Work-Up of Orthotopic Liver Transplantation (OLT) Including Prediction of Graft Survival Using Gadoteric Acid-enhanced MR Imaging

GI003-EC-X (Custom Application Computer Demonstration)

Normal Anatomy and Complications of Bariatric Surgery: An Interactive Teaching File with CT-Fluoroscopic Correlation

GI004-EB-X (Hardcopy Backboard)

Barium Esophagogram: "The Forgotten Buddy"

GI005-EB-X (Hardcopy Backboard)

Hepatectomy 'A La Carte': Pictorial Essay for the Radiologist of Liver Resections with Intraoperative Correlation

GI006-EB-X (Hardcopy Backboard)

Evaluating the Liver Graft Ultrasound like a Pro

GI007-EB-X (Hardcopy Backboard)

Variety of Mesenteric Masses with Similar or Unique Appearance at CT: Guess What?

GI008-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)

A Pictorial Review of Xanthogranulomatous Inflammation of Various Organs in the Abdomen and Pelvis

GI009-EB-X (Hardcopy Backboard)

Imaging Characteristics of Splenic Disease

GI010-EB-X (Hardcopy Backboard)

Misty Peritoneal Fat Lesion: What Is That?

GI011-EB-X (Hardcopy Backboard)

Malignant Neoplasms of the Stomach: Radiologic-Pathologic Correlation

GI012-EB-X (Hardcopy Backboard)

The Gamut of Gallbladders: Cholecystic Variants and Their Clinical Sequelae

GI013-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)

Trouble Going? A Review of Common Pelvic Floor Pathology on MR Defecography

GI100-ED-X (Digital Education Exhibit)

Pictorial Review of the Hepatic Lesions with Atypical Enhancement Feature on Hepatobiliary Phase of Gadoteric Acid-Enhanced MRI

GI101-ED-X (Digital Education Exhibit)

Primary and Secondary Sclerosing Cholangitis: A Practical Guide for Diagnostic Management Based on Imaging Patterns

GI102-ED-X (Digital Education Exhibit)

Challenges in Abdominal Vascular Disorders: A Pictorial Roadmap

GI103-ED-X (Digital Education Exhibit)

Genetics and Imaging of Inflammatory Bowel Disease: 2018 Update

GI104-ED-X (Digital Education Exhibit)

All Manner of Things: Hepatocellular Carcinoma Imaging and Therapy

GI105-ED-X (Digital Education Exhibit)

Multimodality Imaging Assessment of Candidates for Hepatic Resection of Colorectal Metastases: What Are the Surgeons Looking For?

GI106-ED-X (Digital Education Exhibit)

Cystic Liver Lesions: Tips and Tricks

GI107-ED-X (Digital Education Exhibit)

Get Up and Scan! A Radiology Resident's Roadmap for the Basic Ultrasound Scan

GI108-ED-X (Digital Education Exhibit)

Don't Be Stumped: A Review of Normal and Abnormal Imaging Findings Post-Appendectomy

GI109-ED-X (Digital Education Exhibit)

Imaging Mimics of Acute and Chronic Appendicitis with Pathologic Correlates: What the Radiologist Needs to Know

GI110-ED-X (Digital Education Exhibit)

Imaging-based Decision-making at the Main Checkpoints in the Natural History of HCC

GI111-ED-X (Digital Education Exhibit)

Meckel's Diverticulum: Catch Me If You Can!

GI112-ED-X (Digital Education Exhibit)
Elementary Alimentary Supplementation

GI113-ED-X (Digital Education Exhibit)
Pancreatic Neuroendocrine Tumor: A Pictorial Review with MRI Emphasis

GI115-ED-X (Digital Education Exhibit)
Percutaneous Gastrostomy Tubes: Placement and Problems

GI116-ED-X (Digital Education Exhibit)
CT Gastrography for Gastric Tumors: What is the Current Role?

GI117-ED-X (Digital Education Exhibit)
Intraductal Papillary Mucinous Carcinoma (IPMC): Multimodality Radiological Imaging with Endoscopic and Pathologic Correlation, and an Update on Revision 2017 of International Consensus Guidelines for the Management of IPMN

GI118-ED-X (Digital Education Exhibit)
Disorders of the Omentum, Peritoneum, and Mesentery

GI119-ED-X (Digital Education Exhibit)
Radiological Evaluation of Pelvic Extraperitoneal Masses Using MRI: What a Challenge!

GI120-ED-X (Digital Education Exhibit)
Retrorectal Lesions: When Radiological Evaluation Remains Challenging

GI121-ED-X (Digital Education Exhibit)
Liver Masses: They Are Not Always Tumors - the Mimics of Hepatic Malignancy

GI122-ED-X (Digital Education Exhibit)
Hepatic Lesions with Intrahepatic Bile Duct Dilatation: Imaging Patterns and Pitfalls

GI123-ED-X (Digital Education Exhibit)
A Diversity of Imaging Findings in Gastrointestinal Stromal Tumor: What is Characteristic Finding?

GI124-ED-X (Digital Education Exhibit)
The Fast and the Furious: Rapid Progression of HCC After Locoregional Therapy - A Tri-Institutional Collaboration on Imaging Patterns

GI125-ED-X (Digital Education Exhibit)
Atypical and Mimicking Hepatocellular Carcinoma: Evaluated by LI-RADS 2017

GI126-ED-X (Digital Education Exhibit)
Beware of the Tight Squeeze: Imaging Overview of Abdominal and Pelvic Hernias

GI127-ED-X (Digital Education Exhibit)
Images in Pancreatic Transplant: What Should We Look For?

GI128-ED-X (Digital Education Exhibit)
Vascular Diseases of the Liver

GI129-ED-X (Digital Education Exhibit)
Gadoxetic Acid Enhanced MRI for the Diagnosis of Hepatocellular Carcinoma: Knack and Pitfall

GI130-ED-X (Digital Education Exhibit)
The Umbilicus: A Forgotten Convergence Point of Pathology

GI131-ED-X (Digital Education Exhibit)
Gastric Carcinoma: Typically Unusual and Unexpected Metastasis

GI132-ED-X (Digital Education Exhibit)
Cystic Hepatic Lesions: Diagnostic Pearls and Pitfalls in CT and MR Imaging

GI133-ED-X (Digital Education Exhibit)
Imaging of Hepatic Periportal Lesions and Perivenous Lesions

GI134-ED-X (Digital Education Exhibit)
My Heart Sank to My Stomach! Cardiovascular Clues for Dealing with Disorders Affecting Abdominal Cavity: A Primer for Abdominal Radiologists

GI135-ED-X (Digital Education Exhibit)
Pearls and Pitfalls of Pancreatic Imaging: A Pictorial Review

GI136-ED-X (Digital Education Exhibit)
Imaging of Intraductal Papillary Neoplasm of Bile Duct with or Without Mucin-Secretion Comparison of Variable Imaging Features and Characteristics of IPNB (Intraductal Papillary Neoplasm of Bile Duct) with or without Mucin Hypersecretion Using CT/MR

GI137-ED-X (Digital Education Exhibit)
Infiltrative Appearance HCC: Key Features for Detection and Diagnosis of the LI-RADS Misfit

GI138-ED-X (Digital Education Exhibit)
"Hyperintensity" of Liver Masses in the Hepatobiliary Phase of Gadoxetic Acid-Enhanced MR Imaging: Imaging Spectrum and Clinical Significance

GI139-ED-X (Digital Education Exhibit)
Multimodality Imaging Review of Etiopathogenesis and Radiological Appearances of Biliary Strictures and Non-Surgical Interventions

GI140-ED-X (Digital Education Exhibit)
Mirizzi's Syndrome Revisited: The First Argentinian Syndrome, Almost 80 Years Later

GI141-ED-X (Digital Education Exhibit)
How to Avoid Misdiagnosis of Malignant Liver Tumors? Tips and Pearls on Interpreting Abdominal CT

GI142-ED-X (Digital Education Exhibit)
What to Look For? Post-Cholecystectomy

GI143-ED-X (Digital Education Exhibit)
Gallbladders Behaving Badly: Typical, Atypical, and Rare Manifestations of Cholecystitis and Its Complications

GI144-ED-X (Digital Education Exhibit)
Intra-Abdominal Free Gas-Where Did It Come From? How to Determine the Site of Perforation Using Peritoneal Anatomy

GI145-ED-X (Digital Education Exhibit)
Pearls and Pitfalls in the Diagnosis of Mesenteric Ischemia on CT

GI146-ED-X (Digital Education Exhibit)
Ultrasound Elastography Methods: Physical Principles, Techniques, and Indications

GI147-ED-X (Digital Education Exhibit)
Man Made Lakes in the Liver: The When, the Why, and 'What Now?' of Iatrogenic Bilomas

GI148-ED-X (Digital Education Exhibit)
Hepatic Adenomas: Imaging Characteristics Based on the Bordeaux Classification

GI149-ED-X (Digital Education Exhibit)
The Great Mimics of Primary Pancreatic Neoplasm

GI150-ED-X (Digital Education Exhibit)
Abdominal Manifestations of Neurofibromatosis Type 1

GI151-ED-X (Digital Education Exhibit)
Abdominal Wall Hernias Revisited: Imaging Approach, Classification and Treatment

GI152-ED-X (Digital Education Exhibit)
Bone-A-Fide Musculoskeletal Manifestations on Abdominal Imaging

GI153-ED-X (Digital Education Exhibit)
MRI and CT Enterography: Beyond Inflammatory Bowel Disease

GI154-ED-X (Digital Education Exhibit)
Fifty Shades of Grey's Anatomy in the Postoperative Pancreas: A Review of Surgical Anatomy and Complications

GI155-ED-X (Digital Education Exhibit)
Cystic Pancreatic Lesions: Understanding Imaging Features and Pathologic Findings

GI156-ED-X (Digital Education Exhibit)
True or Fossa? A Congenital Internal Hernia Quiz

GI157-ED-X (Digital Education Exhibit)
Normal and Pathologic Appearances of the Pancreatic Nerve Plexus Demonstrated with Ultra-High-Resolution CT (U-HRCT)

GI158-ED-X (Digital Education Exhibit)
Classification and Mimics of Focal Nodular Hyperplasia: MR Imaging Features, Correlation with Histopathology

GI159-ED-X (Digital Education Exhibit)
A is for Amyand to Z is for Zenker: Eponyms in Abdominal Imaging

GI160-ED-X (Digital Education Exhibit)
Large Bowel, Big Problems: An Imaging Review of Colitis

GI161-ED-X (Digital Education Exhibit)
MR Enterography in the Evaluation of Non-Crohn Diseases: Is It Really Useful?

GI162-ED-X (Digital Education Exhibit)
Role of Abdominal Imaging on Obesity Evaluation

GI163-ED-X (Digital Education Exhibit)
Peritoneal Carcinomatosis: Right in Front of Your Eyes but Easily Missed

GI164-ED-X (Digital Education Exhibit)
Hepatic Venous Congestion in Living-Donor Liver Transplantation: Review of Ultrasound and CT findings

GI165-ED-X (Digital Education Exhibit)
Epiploic Appendagitis: All You Need to Know

GI166-ED-X (Digital Education Exhibit)
Imaging of Abdominal Wall Masses and Mass-like Lesions: What Radiologists Need to Know

GI167-ED-X (Digital Education Exhibit)
Clinical, Imaging, and Pathologic Features of Conditions
with Combined Esophageal and Cutaneous Manifestations

GI168-ED-X (Digital Education Exhibit)
Weight Loss Procedures: Future Trends

GI169-ED-X (Digital Education Exhibit)
Radiologic Evaluation of Novel Endoscopic Double Lumen
Opposing Stents (AXIOS) in Pancreatobiliary Disease

GI170-ED-X (Digital Education Exhibit)
Multimodality Imaging of Small Bowel Diverticula and Their
Complications

GI171-ED-X (Digital Education Exhibit)
Laparoscopic Sleeve Gastrectomy (LSG) and Its
Complications: What the Radiologist Needs to Know

GI172-ED-X (Digital Education Exhibit)
Low Rectal Cancer-To Operate or to Watch and Wait, That Is
the Question: Magnetic Resonance Imaging (MRI) Oriented
Treatment Planning of Low Rectal Cancer

GI173-ED-X (Digital Education Exhibit)
Pelvic Floor Dysfunction: Anatomical and Functional
Assessment with Dynamic MRI

GI174-ED-X (Digital Education Exhibit)
Chronic Pancreatitis or Pancreatic Tumor? A Problem
Solving Approach

GI175-ED-X (Digital Education Exhibit)
Complications After Orthotopic Liver Transplant Caused
by Pre-Existing Pathology: How to Diagnosis, Treat, and
Potentially Prevent

GI176-ED-X (Digital Education Exhibit)
Unmasking the Postsurgical Pancreas: Normal Expected
Imaging Findings and Common Complications Status Post
Whipple Procedure

GI177-ED-X (Digital Education Exhibit)
Differentiation Between Cystic and Solid Pancreatic Focal
Lesions: It's Not a No-brainer, You Need a Trainer!

GI178-ED-X (Digital Education Exhibit)
Gastrointestinal Tract Diverticula and Complications

GI179-ED-X (Digital Education Exhibit)
Is Barium Lost? A Pictorial Review of the Common and Not
So Common Esophageal Diseases

GI180-ED-X (Digital Education Exhibit)
Peritoneal Infiltration: Unusual Etiologies and Imaging
Appearances

GI181-ED-X (Digital Education Exhibit)
Groove Pancreatitis: A Challenging Radiologic Diagnosis

GI182-ED-X (Digital Education Exhibit)
Unusual and Tricky Abnormalities in the Plain Abdominal
Films: Interactive Presentation

GI183-ED-X (Digital Education Exhibit)
Broaden Your Horizon - MR Imaging of Rare Rectal Tumors
Beyond Adenocarcinoma

GI184-ED-X (Digital Education Exhibit)
Initial Clues to Detect Small Pancreatic Adenocarcinoma (<
20mm)

GI185-ED-X (Digital Education Exhibit)
Abnormal Gas in the Abdomen and Pelvis: Review
of Causes, Imaging Findings, Prognosis, and Clinical
Significance

GI186-ED-X (Digital Education Exhibit)
Unusual CT Manifestations of Stomach Disorder

GI187-ED-X (Digital Education Exhibit)
Millennial Masses: A Pictorial Review of Abdominal Tumors
Arising in Young Adults

GI188-ED-X (Digital Education Exhibit)
The Real Cause of Inflammation Masked by Enhanced CT -
Foreign Body

GI189-ED-X (Digital Education Exhibit)
Stercoral Colitis: Don't Avert Your Eyes

GI190-ED-X (Digital Education Exhibit)
Hungry for Stomach Pathologies: What A Resident Should
Know

GI191-ED-X (Digital Education Exhibit)
Spectrum of Secondary Parenchymal Change Caused by
Hepatic Perfusion and Vascular Disorders: CT and EOB-
Enhanced MRI

GI192-ED-X (Digital Education Exhibit)
Giant Leaps for Hepatic Doppler Ultrasound

GI193-ED-X (Digital Education Exhibit)
Don't Be Afraid Anymore: A Practical Guide of Abdominal
Wall Hernias and Internal Hernias

GI194-ED-X (Digital Education Exhibit)
Solve that Volvulus! A Case-Based Review of Gastrointestinal Volvulus and Its Mimics

GI195-ED-X (Digital Education Exhibit)
Developmental Cystic Lesions in the Retrorectal Compartment

GI196-ED-X (Digital Education Exhibit)
Non-Neoplastic Cystic Lesion of the Pancreas: CT and MRI Features with Pathological Correlation

GI197-ED-X (Digital Education Exhibit)
Laparoscopic Roux- en-Y Gastric Bypass: Imaging Evaluation of Post-Surgical Anatomical Changes and Their Main Complications

GI198-ED-X (Digital Education Exhibit)
Acute Mesenteric Ischemia (AMI): Understanding the Key Imaging Findings in the Context of Anatomy and Physiology

GI199-ED-X (Digital Education Exhibit)
Diagnostic Approach for Gastric Tumor, Focusing on Double Contrast Radiogram: Correlation Between the Radiological and Histopathological Findings

GI200-ED-X (Digital Education Exhibit)
Poor Pelvic Floor - Beyond Clinical Examination by the Gold Standard MRI

GI201-ED-X (Digital Education Exhibit)
Imaging Cholangitis: Spectrum of Disease - A Clinical, Radiological, and Therapeutic Review

GI202-ED-X (Digital Education Exhibit)
CT-Colonography is Here to Stay: Emerging Role of Pre-Operative CT-Colonography(CTC) in the Management of Patients with Stenosing Colorectal Cancer

GI203-ED-X (Digital Education Exhibit)
Multiparametric Magnetic Resonance Imaging of the Liver: What Is It? Why? How? When?

GI204-ED-X (Digital Education Exhibit)
Pancreatic Cancer or Not? That Is the Question!

GI205-ED-X (Digital Education Exhibit)
The Many Faces of Cholangiocarcinoma: A Radiologic-Pathologic Correlation

GI206-ED-X (Digital Education Exhibit)
Abdominal Manifestations of Sickle Cell Disease

GI207-ED-X (Digital Education Exhibit)
Management of Colorectal Polyp Cancers: What the Radiologists Need to Know?

GI208-ED-X (Digital Education Exhibit)
Primary Sclerosing Cholangitis - What Should Radiologists Look For?

GI209-ED-X (Digital Education Exhibit)
Looking out for #2: Easing the Burden of Imaging Constipation

GI210-ED-X (Digital Education Exhibit)
Belly Hot Air Balloon: A Trip to Recover Abdominal Hernia Domain

GI211-ED-X (Digital Education Exhibit)
Don't Get It Twisted: Radiologic Spectrum of Gastrointestinal Tract Volvulus

GI212-ED-X (Digital Education Exhibit)
MR Enterography: How and Why?

GI213-ED-X (Digital Education Exhibit)
Thoracoabdominal Actinomycosis: What Should the Radiologist Know?

GI214-ED-X (Digital Education Exhibit)
The Many Facets of Imaging in the Diagnosis and Management of Hepatopancreaticobiliary Stone Disease and Its Complications

GI215-ED-X (Digital Education Exhibit)
Non-Invasive Evaluation of Liver Fibrosis Using Imaging Technique: Current Problems and Future Perspective

GI216-ED-X (Digital Education Exhibit)
Imaging Features of Hepatic Metastases from Various Sources: Radiologic-Pathologic Correlation

GI217-ED-X (Digital Education Exhibit)
A New Look for an Old Problem: MRI Findings of Acute Cholecystitis and Its Complications

GI218-ED-X (Digital Education Exhibit)
The Application of No Contrast Enhanced MR Enterography with Diffusion-Weighted Imaging to Estimate Risk of Gastrointestinal Stromal Tumors

GI219-ED-X (Digital Education Exhibit)
Don't Bust a Gut: Spectrum of Bowel Contents and Their Complications

GI220-ED-X (Digital Education Exhibit)

The Problematic Pouch: An Interactive Review of Ileo-Anal Pouch Anastomosis Complications

GI221-ED-X (Digital Education Exhibit)

Multi-Modality Imaging of Small Bowel Wall Thickening Beyond Inflammatory Bowel Disease: What Radiology Residents and Fellows Need to Know

GI222-ED-X (Digital Education Exhibit)

Gastrointestinal Manifestations of Systemic Disease - Solve the Rubik's Cube

GI223-ED-X (Digital Education Exhibit)

Diagnostic Dilemma - A Case Series of Dropped Gallstones Mimicking Pathology on Multiple Imaging Modalities

GI224-ED-X (Digital Education Exhibit)

Three Transition Points and Beyond: Understanding CT Imaging Features of Small-Bowel Closed Loop Obstruction

GI225-ED-X (Digital Education Exhibit)

Ligament of Treitz: Anatomy, Spread Pathway of Disease, Radiological Relevance with Pathologic Correlation

GI226-ED-X (Digital Education Exhibit)

Review of Abdominal Neuroendocrine Tumors (NETs) and Their Imaging Characteristics

GI227-ED-X (Digital Education Exhibit)

Peri-Splenic Spaces and Ligaments: A Review of Anatomy, Pathology, Disease Spread, and Imaging Findings

GI228-ED-X (Digital Education Exhibit)

Crohn's Disease and Beyond - Evaluation of Small Bowel Pathology with Ultrasound

GI229-ED-X (Digital Education Exhibit)

Imaging of Gastroenteropancreatic Neuroendocrine Tumors in High Risk Patients: Correlating Non-invasive Imaging and Endoscopic Ultrasound

GI230-ED-X (Digital Education Exhibit)

Hepatic Vascular Disorders: Causes and Consequences

GI231-ED-X (Digital Education Exhibit)

Demystifying Extraperitoneal Pelvic Spaces and Their Lesions

GI232-ED-X (Digital Education Exhibit)

Hemangiomas: Imaging Findings of Intestinal, Urinary Bladder and Extra-Abdominal Manifestations

GI233-ED-X (Digital Education Exhibit)

Diffuse Liver Diseases: Key Imaging and Clinical Findings That Every Radiologist Needs to Know

GI234-ED-X (Digital Education Exhibit)

Solid Pseudopapillary Tumor of the Pancreas: The Common, the Uncommon, and the Exceptions

GI235-ED-X (Digital Education Exhibit)

Closed-Loop Bowel Obstruction: Simple Four-Point Checklist to Avoid Misdiagnosis

GI236-ED-X (Digital Education Exhibit)

Hepatocellular Adenomas: Understanding the Pathomolecular Lexicon, Imaging Features, Terminology, and Pitfalls to Inform a Standardized Approach (LI-RADS Benign Lesion Algorithm)

GI237-ED-X (Digital Education Exhibit)

Abnormal Changes After Radiotherapy: What Radiologists Should Know

GI238-ED-X (Digital Education Exhibit)

Imaging Hepatic Toxicity: What Radiologists Need to Know About Chemotherapy-Related Liver Injury

GI239-ED-X (Digital Education Exhibit)

Atypical Patterns of Fat and Iron Deposition in the Liver

GI240-ED-X (Digital Education Exhibit)

Leaks, Twists, and Herniations: Understanding Esophageal Surgeries and Complications on Fluoroscopic Imaging

GI241-ED-X (Digital Education Exhibit)

Pre-Hepatic and Pre-Pancreatic Transplant Donor Evaluation

GI242-ED-X (Digital Education Exhibit)

A Pictorial Review of Central and Distal Pancreatectomy: What the Radiologist Needs to Know

GI243-ED-X (Digital Education Exhibit)

The Spoke Wheel Sign in Abdominal Lesion: How, When, and Why

GI244-ED-X (Digital Education Exhibit)

Imaging Findings of Abdominal Wall Masses: Differential Diagnosis on US

GI245-ED-X (Digital Education Exhibit)

Imaging Abdominal Fibrous Lesions: A Compartmentalized-Based Approach

GI246-ED-X (Digital Education Exhibit)

Between a Rock and a Hard Place: Benign and Malignant Calcifications in the Abdomen

GI247-ED-X (Digital Education Exhibit)

The Pancreas, a Many-Faceted Gland: Imaging and Embryology-Based Approach of Congenital Variants and Anomalies

GI248-ED-X (Digital Education Exhibit)

Hepatic Amyloidosis: Spectrum of Radiological Findings

GI249-ED-X (Digital Education Exhibit)

Bugs, Bumps, and Back-Ups: Etiologies and Imaging of Abdominal Venous Thromboses

GI250-ED-X (Digital Education Exhibit)

All Things Appendix: Anatomy, Variant Anatomy, and Pathologies of the Appendix

GI251-ED-X (Digital Education Exhibit)

Reducing Contrast Dose Using Lean Body Weight (LBW) as an Index to Determine Iodine Dose in Dual-Energy Spectral CT of Liver

GI252-ED-X (Digital Education Exhibit)

Finding Fistulas - Evaluation of Common and Uncommon Fistulas

GI253-ED-X (Digital Education Exhibit)

Pitfalls in Hepatobiliary and Pancreatic Imaging: Tumor or Not Tumor?

GI254-ED-X (Digital Education Exhibit)

Multimodality Imaging Spectrum of Choledochal Cysts

GI255-ED-X (Digital Education Exhibit)

Get the GIST? The Imaging and Management of Gastrointestinal Stromal Tumors: What the Radiologist Needs to Know

GI256-ED-X (Digital Education Exhibit)

MR Quantification of Hepatic Steatosis and Iron Overload: Why and How Should We Do It

GI257-ED-X (Digital Education Exhibit)

What Radiologists Should Know Drug-Induced Injuries in the Hepatobiliary and Pancreas: Common and Uncommon Findings, Prognosis, and Pitfalls

GI258-ED-X (Digital Education Exhibit)

Upper Gastrointestinal Series (UGI): From the Normal Anatomy to the Main Pathologies Imaging Features

GI259-ED-X (Digital Education Exhibit)

Hematologic Malignancies of the Gastrointestinal Luminal Tract

GI260-ED-X (Digital Education Exhibit)

Intra-Abdominal Free Fluid: Where Did It Come From? How to Determine the Nature and Origin of Fluid Using Imaging Characteristic and Peritoneal Anatomy

GI261-ED-X (Digital Education Exhibit)

Abdominal Hepatoid Tumors: When to Suspect?

GI262-ED-X (Digital Education Exhibit)

Cystic Pancreatic Lesions and Clinical Management: A Pictorial Review Based on Recent Guidelines and Expert Opinions

GI263-ED-X (Digital Education Exhibit)

Non-Neoplastic Diseases of the Small Intestine and Their Pattern of Mural Involvement

GI264-ED-X (Digital Education Exhibit)

Abdominal Mucinous Neoplasms: Diving in the Mucin Pool

GI265-ED-X (Digital Education Exhibit)

Don't Forget Me! Abdominal X-Ray: Back to the Basic

GI266-ED-X (Digital Education Exhibit)

From Gallstones, Wall Anomalies, and Beyond: A Multimodal Imaging Review of the Gallbladder Disorders

GI267-ED-X (Digital Education Exhibit)

Splenic Lesions: When to Worry?

GI268-ED-X (Digital Education Exhibit)

Exophytic Liver Masses and Mimics: Multimodality Imaging Findings with Pathologic Correlation

GI269-ED-X (Digital Education Exhibit)

Abdominal and Pelvic Splenosis: Atypical Findings, Pitfalls, and Mimics

GI270-ED-X (Digital Education Exhibit)

The Added Value of Liver Imaging Modalities in the Pre-Operative Evaluation of Hepatocellular Carcinoma, Cholangiocarcinoma, and Colorectal Liver Metastasis

GI271-ED-X (Digital Education Exhibit)

Case-based Review of Imaging in Complex Pelvic Exenterative Surgery Using 3D Modelling

GI272-ED-X (Digital Education Exhibit)

Postoperative Complications of Percutaneous Gastrostomy Tube Placement

GI273-ED-X (Digital Education Exhibit)
Magnetic Resonance (MR) Enterographic Findings of Small Bowel Crohn Disease: Focused on Balloon-Assisted Enteroscopic Correlation

GI274-ED-X (Digital Education Exhibit)
Clinical Relevance of Based 3D Modeling Using CT-MRI Fusion for Complex Liver Surgical Assessment: Planning, Surgical Approach, and Patient Outcome

GI275-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
An Illustrated Guide to Gastrointestinal Surgical Procedures for Radiologists

GI276-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)
MR Defecography and Beyond!

GI277-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
The Role of Contrast Enhanced Ultrasound (CEUS) in the Assessment of Inflammatory Activity in Crohn's Disease

GI278-ED-SUA9 (Sun, 12:30-1:00 PM, Station #9)
Bile out of the Bag: Imaging of Biliary Fistulas

GI279-ED-SUA10 (Sun, 12:30-1:00 PM, Station #10)
Clinical Implementation of Dual-Energy CT for Bowel Disease: It's Time to Embrace the Change

GI280-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Gastrointestinal Adverse Effects Related to Cancer Immunotherapy and Targeted Therapy: A New Challenge in Advanced Oncology

GI281-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)
Biliary Tract Lesions: Cholangio MRI with Hepatobiliary Contrast Study

GI282-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)
Optimal Evaluation of Pancreatic Duct and Ductal Anomalies by Secretin Enhanced Magnetic Cholangiopancreatography

GI283-ED-SUB9 (Sun, 1:00-1:30 PM, Station #9)
It's a Wrap - Funduplications: Normal Anatomy and Complications

GI284-ED-SUB10 (Sun, 1:00-1:30 PM, Station #10)
The Use of Oral and Intravenous Contrast During the Ultrasound Assessment of Crohn's Disease

GI285-ED-SUB11 (Sun, 1:00-1:30 PM, Station #11)
Schematic Staging of Rectum Neoplasm with MRI Image

GI286-ED-MOA10 (Mon, 12:15-12:45 PM, Station #10)
Assessment of Treatment Response with LI-RADS on CT/MRI: A Pictorial Review

GI287-ED-MOA11 (Mon, 12:15-12:45 PM, Station #11)
MRI Quantification of Hepatic Fat, Iron, and Fibrosis: A Practical Guide

GI288-ED-MOA12 (Mon, 12:15-12:45 PM, Station #12)
Ischemic Bowel-Steals from Collateral Shunts and Fistulas

GI289-ED-SUA11 (Sun, 12:30-1:00 PM, Station #11)
Bowel/Mesenteric Vascular Lesions: Multi-Modality Imaging Evaluation

GI290-ED-SUA12 (Sun, 12:30-1:00 PM, Station #12)
3D Printing Applications for Abdominal and Genitourinary Imaging: Anatomic Models and Beyond

GI291-ED-SUA13 (Sun, 12:30-1:00 PM, Station #13)
Pitfalls in the Diagnosis of Hepatocellular Carcinoma: User Errors in Applying LI-RADS v 2017

GI292-ED-MOB9 (Mon, 12:45-1:15 PM, Station #9)
Pancreaticobiliary Maljunction: Tips and Traps for Radiologists

GI293-ED-MOB10 (Mon, 12:45-1:15 PM, Station #10)
Spleen Elastography and Portal Hypertension: An Overview and the Nitty-Gritties

GI294-ED-MOB11 (Mon, 12:45-1:15 PM, Station #11)
Errare Humanum Est: A Case-Based Review on Errors and Pitfalls in Abdominal CT and How to Avoid Them

GI295-ED-MOB12 (Mon, 12:45-1:15 PM, Station #12)
New Hepatocellular Adenoma Classification System: What the Radiologist Needs to Know

GI296-ED-THB12 (Thu, 12:45-1:15 PM, Station #12)
Review of Perianal Fistula Disease, Treatment and Utility of 3D Modelling to Aid Understanding and Training

GI297-ED-THA13 (Thu, 12:15-12:45 PM, Station #13)
Lesser Sac and Foramen of Winslow: Anatomy, Pathway of Disease Spread, and Imaging Features with Pathological Correlation

GI298-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Contrast Enhanced MR Angiography Combined with Dynamic Acquisition in Focal Liver Lesions at 3T: How to Obtain Both of These Techniques with One Dose of Contrast Medium

GI299-ED-TUA9 (Tue, 12:15-12:45 PM, Station #9)
MDCT as a Pre-Endoscopic Emergent Examination for Acute Lower Gastrointestinal Bleeding: What Information Can MDCT Provide for Treatment?

GI300-ED-TUA10 (Tue, 12:15-12:45 PM, Station #10)
Cinematic Rendering of Liver Diseases: Preliminary Observations

GI301-ED-TUA11 (Tue, 12:15-12:45 PM, Station #11)
Implementation of MR Elastography: Interpretation, Troubleshooting, and Tips From Three Institutions' Experiences

GI302-ED-TUA12 (Tue, 12:15-12:45 PM, Station #12)
Computer-Aided Detection (CADe) for CT Colonography: Benefits and Pitfalls

GI303-ED-WEB12 (Wed, 12:45-1:15 PM, Station #12)
A Distinct Modality: Application of MR Imaging in the Assessment of Anorectal Fistula in Patients with Crohn's Disease

GI304-ED-TUB8 (Tue, 12:45-1:15 PM, Station #8)
An Image-Driven Review of the Fluoroscopic Swallow Evaluation

GI305-ED-TUB9 (Tue, 12:45-1:15 PM, Station #9)
Ultrasound of Bowel in Acute (Non-IBD Related) Emergencies

GI306-ED-TUB10 (Tue, 12:45-1:15 PM, Station #10)
The Pelvic Mass: Safe Approaches to CT Guided Biopsy

GI307-ED-TUB11 (Tue, 12:45-1:15 PM, Station #11)
From Path to Pearls - Linking the Pathophysiology of Celiac Disease to Diagnostic Imaging Findings on CT and MRI

GI308-ED-TUB12 (Tue, 12:45-1:15 PM, Station #12)
Imaging Appearances of Focal Hepatic Lesions with Ferumoxytol-Enhanced MRI

GI309-ED-WEA8 (Wed, 12:15-12:45 PM, Station #8)
How Low Can You Go? Challenges and Updates to MRI of Low Rectal Tumors (ESGAR 2017 Consensus Guidelines)

GI310-ED-WEA9 (Wed, 12:15-12:45 PM, Station #9)
Review of Contrast Enhanced Ultrasound Scanning Errors and Artifacts

GI311-ED-WEA10 (Wed, 12:15-12:45 PM, Station #10)
A Resident's Guide to Understanding the New 2017 ACR White Paper for the Management of Incidental Liver Lesions on CT

GI312-ED-WEA11 (Wed, 12:15-12:45 PM, Station #11)
Timed Barium Swallow in the Assessment of Esophageal Emptying in Patients with Achalasia: How to Do It and What to Look For

GI313-ED-WEA12 (Wed, 12:15-12:45 PM, Station #12)
LI-RADS v2017: Understanding the "Ancillary Features"

GI314-ED-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Liver MR Elastography Technique and Interpretation: Pearls and Pitfalls

GI315-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)
Multi-Energy CT of the Intestinal Tract: What the Radiologist Needs to Know

GI316-ED-WEB9 (Wed, 12:45-1:15 PM, Station #9)
Artifacts and Pseudolesions on CT Colonography

GI317-ED-WEB10 (Wed, 12:45-1:15 PM, Station #10)
Direct Cholangiography - The Radiologist's Primer: Anatomy, Pathology, Intervention, and Complications

GI318-ED-WEB11 (Wed, 12:45-1:15 PM, Station #11)
New Speedy and Accurate Abbreviated Gadoteric Acid Enhanced Liver MRI, Using Second Shot Method: You Can Have Your Cake and Eat It, Too

GI319-ED-THA12 (Thu, 12:15-12:45 PM, Station #12)
Dynamic Abdominal Examination with Dual-Energy CT with Reduced Volume of Contrast Material

GI320-ED-THA9 (Thu, 12:15-12:45 PM, Station #9)
MR Imaging of Perianal Fistulas: Step by Step

GI321-ED-THA10 (Thu, 12:15-12:45 PM, Station #10)
Endoscopic Necrosectomy in the Management of Necrotizing Pancreatitis: What the Radiologist Needs to Know

GI322-ED-THA11 (Thu, 12:15-12:45 PM, Station #11)
Hereditary and Sporadic Pancreatic Adenocarcinoma: 2018 Genetics and Imaging Update

GI323-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)
Troubleshooting Troublesome Bowel Cases

GI324-ED-THB8 (Thu, 12:45-1:15 PM, Station #8)
Towards a More Cost-Effective Screening: An Abbreviated Liver MRI Protocol for Hepatocellular Carcinoma Surveillance

GI325-ED-THB9 (Thu, 12:45-1:15 PM, Station #9)
Fluoroscopic Barium Examinations in Modern Radiographic Era: It Is like Your Grandma's Recipe, Never Dies

GI326-ED-THB10 (Thu, 12:45-1:15 PM, Station #10)
Ultra-High Resolution CT: Technical Features and Clinical Impact on Abdominal Imaging

GI327-ED-THB11 (Thu, 12:45-1:15 PM, Station #11)
Modern Bariatric Surgery - What the Radiologist Needs to Know

GI328-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Assessment of Diagnostic Imaging Quality of Hepatocellular Carcinoma from Non-Teaching Community Hospitals and Tertiary Referral Center

GI329-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Quantitative Assessment of Hepatic Iron Deposition by Dual-Energy Computed Tomography: Correlation with MRI Measurements

GI330-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
PET/CT-Based Radiomics Signature for the Preoperative Prediction of Vascular Invasion in Gastric Cancer

GI332-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Deep Learning Based Radiomics and Its Usage in Prediction for Metastatic Colorectal Cancer

GI333-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Abdominal Fast Advanced Spin Echo Diffusion-Weighted Imaging at High B Value: Phantom and Clinical Studies

GI334-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
CT Texture Analysis for the Prediction of KRAS Mutation Status in Colorectal Cancer via a Machine Learning Approach

GI335-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Estimation of Extracellular Volume Fraction with Routine Multiphasic Pancreas CT for Predicting Overall Survival in Patients with Metastatic Pancreatic Adenocarcinoma After Chemotherapy

GI336-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Development of a Radiomics Nomogram to Predict Microvascular Invasion in Patients with Hepatocellular Carcinoma

GI337-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Development of a CT Enterography Severity Score for Small Bowel Crohn's Disease

GI338-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Extracellular Volume Fraction with Gd-EOB-DTPA-Enhanced MRI as a Prognostic Factor in Patients with Pancreatic Adenocarcinoma

GI339-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Fat-Suppressed Gadolinium-Enhanced Isotropic High-resolution 3D-GRE-T1WI for Predicting Small Node Metastases in Patients with Rectal Cancer

GI340-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Feasibility Study of Generating Virtual Contrast-Enhanced CT Images from Noncontrast Abdomen CT in Patients with Hepatocellular Carcinoma Using Conditional Generative Adversarial Networks

GI341-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Diffusion-Weighted Magnetic Resonance Imaging of Pancreatic Ductal Adenocarcinoma: Correlation with Metastatic Disease Potential and Overall Survival

GI342-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Retrospectively Evaluation of Contrast-Enhanced Ultrasound Liver Imaging Reporting and Data System on 2022 Nodules and Proposed Adjustments to Improve the Diagnostic Performance

GI343-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Radiographic Profiling of Abdominal Immune-Related Adverse Events in Patients with Non-Small Cell Lung Cancer Treated with PD-1 Pathway Inhibitors

GI344-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
The Utility of MR Elastography to Differentiate Nodular Regenerative Hyperplasia from Liver Cirrhosis: A Pilot Feasibility Study

GI345-SD-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Preoperative Prediction of Treatment Resistance in Rectal Cancer Patients Treated with Neo-Adjuvant Chemoradiotherapy Using MRI Texture Analysis: A Preliminary Study

GI346-SD-MOA9 (Mon, 12:15-12:45 PM, Station #9)
Comparison of Diagnostic Performance of Non-Contrast MRI and Abbreviated MRI in Initially Diagnosed Hepatocellular Carcinoma Patients: A Simulation Study of Surveillance for Hepatocellular Carcinomas

GI347-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Imaging Features Associated with Failure of Non-Operative Management of Intra-Abdominal Abscesses in Crohn's Disease

GI348-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
In Vivo Hyperpolarized ^{13}C MR Spectroscopy and Metabolic Kinetics for the Differential Diagnosis of the Stages of Liver Fibrosis

GI349-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Intraindividual Comparison of Double Arterial-Phases Using Compressed Sensing Reconstruction with Conventional Single Arterial-Phase for Gadoteric Acid Liver MR Imaging

GI350-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Nationwide, Longitudinal Trends in CT Colonography Usage: Cross Sectional Survey Results from the 2010 and 2015 National Health Interview Survey

GI351-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Application of Machine Learning to Infer Ultrasound LI-RADS Categories across Multi-Institutional Radiology Reports

GI352-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Advanced Hepatic Fibrosis May Limit US Screening For HCC: A Multicenter Study Using ACR US LI-RADS

GI353-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Differential Diagnosis Nonhypervascular Pancreatic Neuroendocrine Tumors from Pancreatic Ductal Adenocarcinoma with CT Features and Texture Analysis: Preliminary Study

GI354-SD-MOB8 (Mon, 12:45-1:15 PM, Station #8)
CT Radiomics for the Evaluation of Pancreatic Intraductal Papillary Mucinous Neoplasms

GI355-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Role of DWI for Evaluation of Pancreas Lesions

GI356-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Utility of Extracellular Volume Fraction Measured from Multiphasic Contrast-Enhanced Computed Tomography for the Estimation of Pancreatic Fibrosis

GI357-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
MRI-based Monitoring of the Patients with Hepatitis C, Who Achieved Sustained Virological Response (SVR) by DAA Treatment

GI358-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
The B-Mode Image-Guided Ultrasound Attenuation Parameter Accurately Detects Hepatic Steatosis in Chronic Liver Disease

GI359-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Exploratory Study of ADC Histogram Metrics in Assessing Ampullary/Pancreatic Malignancy

GI360-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Automated CT and MR Liver Biometry Using a Generalized Convolutional Neural Network for Liver Segmentation

GI361-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Differential Subsampling with Cartesian Ordering (DISCO) with Respiratory Triggering versus Conventional Liver Acquisition with Volume Acquisition (LAVA): A Multiple-Reader Preference Study

GI362-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Texture Features Analysis to Predict Overall Survival and Overall Response Rate in Patients Treated with FOLFIRINOX for Pancreatic Cancer

GI363-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Diagnostic Performance of Diffusion-Weighted Imaging for Differentiating Benign and Malignant Gallbladder Lesions: A Systematic Review and Meta-Analysis

GI364-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Quantification of Hepatic, Splenic, and Pancreatic Fat Fraction and R^2 by 3T MR - A Cross-Sectional Study

GI365-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
3D MR Elastography of the Pancreas as a Novel Approach in Detecting Chronic Pancreatitis in Children and Young Adolescents

GI366-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Assessment of Immediate Response to Irreversible Electroporation in Normal Liver Using Intravenous Dynamic Contrast Enhancement in a Rabbit Model

GI367-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Predicting Transplant-Free Survival in Primary Sclerosing Cholangitis using Novel Liver and Spleen Volumetric Measurements

GI368-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Tumor Recurrence versus Post-Surgical Fibrosis: Differentiation in Patients Resected for Pancreatic Adenocarcinoma

GI369-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Accelerating MR Elastography: Comparison of Breath-Held, Free-Breathing, and Compressed Sensing Gradient Recalled Echo MR Elastography for Evaluating Liver Stiffness

GI370-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Evaluation of Iodine Concentration Measurement by Dual Energy CT Scan on Tumor Response for Patients with Advanced Gastric Cancer

GI371-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Role of CT Texture Analysis (CTTA) in Differentiating Benign vs Metastatic Lymph Nodes in Patients with Anal Cancer

GI372-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Magnetic Resonance Liver Hepatic Quantification: Hepatic Steatosis Normalization after 6 Months of Sleeve Gastrectomy-Preliminary Results

GI373-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Can MR Differentiate Between Low Rectal Cancer and Anal Cancer?

GI374-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Whole Liver Quantification of Hepatic Steatosis Using Dual-Energy Computed Tomography

GI375-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Correlation between Changes in Liver and Spleen Volumes and Mayo Risk Score Over Long Term Follow-up in Primary Sclerosing Cholangitis Patients

GI376-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Non Invasive Assessment of Liver Fibrosis by 3 Different Shear Wave Techniques: Head-to-Head Performance

GI377-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Image Quality and Diagnostic Value of Virtual Non-Enhanced Imaging Compared to True Non-Contrast Imaging in the Dual-Source Dual-Energy CT

GI378-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Correlation Analysis of MRI Based on the Chemical Shift and Diffusion Weighted Imaging with Pathological Grading of Hepatocellular Carcinoma

GI379-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Texture Heterogeneity Analysis (THA) in B-mode Abdominal Ultrasound: I. Impact of Degree of Fibrosis on Heterogeneity of Liver Tissue Texture and Value of Regional Texture Analysis

GI380-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Comparative Diagnostic Accuracy of Quantitative Ultrasound and Magnetic Resonance Imaging for Grading Steatosis in Adults with Biopsy-proven Nonalcoholic Fatty Liver Disease

GI381-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Textural Analysis of DCE-MRI Quantitative Parameters in Prediction of Pathological Response to Neoadjuvant Chemoradiation Therapy (CRT) in Locally Advanced Rectal Cancer (LARC)

GI382-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Cut-Off Value in Alcoholic Liver Disease is Higher Than That in Chronic Hepatitis C When Using Liver Stiffness for Diagnosing Portal Hypertension: A Meta-Analysis

GI383-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Comparison of Novel Wireless Ultrasound Transducers to Existing Diagnostic Ultrasound Machines Using the ATS Model 539 Multipurpose Phantom

GI384-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Tumor Stiffness Measurement Using MR Elastography for Single Nodular HCC: Risk of Tumor Recurrence After Loco-Regional Treatment

GI385-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
CT Evaluation of Response in Advanced Gastroenteropancreatic Neuroendocrine Tumors Treated with Long-Acting-Repeatable Octreotide: What is the Optimal Size Variation Threshold?

GI386-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Diagnostic Value of Multiparameter Dual-Energy CT in Regional Lymphatic Metastasis of Gastric Cancer

GI387-SD-THA7 (Thu, 12:15-12:45 PM, Station #7)
Free Breathing Abdominal MRI: Preliminary Experience with In-Table Respiratory Gating

GI388-SD-THA8 (Thu, 12:15-12:45 PM, Station #8)
Individualized Body Weight Adapted Contrast Media Protocols in CT Imaging of the Liver at 90 kV

GI389-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Segmental Distribution of Fat in the Liver. A Retrospective Study

GI390-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Influence of Fat Deposition on T1 Mapping of the Pancreas: Evaluation by Dual Flip Angle MR Imaging with and Without Fat Suppression

GI391-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Evaluation of the Effects of Different Iodine Concentration Contrast Media on Virtual Unenhanced CT Images

GI392-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
T2-Weighted and Diffusion-Weighted MRI of Liver on 1.16 T Open MRI Scanner: Image Quality Considerations in Comparison to 1.5 T

GI393-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
BOLD MR Imaging of Brown Fat Function in Murine Pancreatic Model

GI394-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Clinical Trial to Evaluate Customized Positive Oral Contrast Media for low-kVp/keV Imaging

Genitourinary/Uroradiology

GU200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Routine versus Structured Expert-Read Pelvic MRI in the Diagnosis & Staging of Endometriosis

GU201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Transvaginal Radiofrequency Ablation US-Guided of Uterine Myomas Assisted by a Navigation System

GU202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Radiomics Features of Multiparametric MRI for Pre-Treatment Prediction of Bone Metastases in Prostate Cancer

GU203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Normal Magnetic Resonance Imaging Characteristics of the Prostate: Young versus Old

GU204-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
MRI Evaluation of Vulvar Cancer in Fresh Radical Local Excision Specimens for Cancer Localization and Prediction of the Surgical Tumor-free Margins

GU205-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Accelerating MR Imaging Three-Dimensional T2-Weighted Turbo Spin-Echo Imaging Using Compressed Sensing of Female Pelvis: Prospective Intraindividual Comparison with Conventional Three-Dimensional T2-Weighted Turbo Spin-Echo Imaging

GU206-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Diagnosis of Transition Zone Prostate Cancer (TZ PCa): Logistic Regression and Machine Learning Models of Quantitative ADC, Shape and Texture Features Improves Accuracy Compared to Subjective Evaluation with PI-RADSv2

GU207-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Management Impact of Direct MRI-Guided Prostate Biopsy

GU208-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Histogram Analysis of Apparent Diffusion Coefficients for Predicting Pelvic Lymph Node Metastasis in Patients with Uterine Cervical Cancer

GU209-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Image Quality and Diagnostic Accuracy of Complex-Averaged High B-Value Images in Diffusion-Weighted MRI of Prostate Cancer

GU210-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Could Negative Multiparametric MRI of the Prostate Obviate the Need for Biopsy? A Prospective Feasibility Pilot Study

GU211-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Impact of Magnetic Resonance Imaging Findings on Management and Clinical Outcome of Morbidly Adherent Placenta

GU212-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Diagnostic Accuracy of Preoperative Tumor Staging in Low-Grade Endometrial Carcinoma with MELF Pattern Invasion

GU213-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Value of Revolution CT Perfusion Imaging in Differentiating Adrenal Lipid-Poor Adenoma (ALPA) and Adrenal Metastases (AM)

GU214-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
The Use of Different KV Settings in Dual Energy CT and the Impact on Kidney Stone Detection in Virtual Non-Contrast Reconstructions in the Abdomen

GU215-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Feasibility Study of Using Virtual On-Contrast Scans in Dual Energy Spectral CT to Replace True Non-Contrast Scans in Diagnosing Renal Cell Carcinoma

GU216-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Can Subcentimetre Ultrasound Detected Hyperechoic Renal Lesions Be Safely Disregarded?

GU217-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
10 Year Survival in Percutaneous CT and US-Guided Radiofrequency Ablation of 135 Pathologically Proven Renal Cell Carcinomas

GU218-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Intraductal Carcinoma of the Prostate (IDC-P): A Newly Described Pattern of Spread That Lowers Apparent Diffusion Coefficient (ADC) Values in Intermediate Risk Prostate Cancers

GU219-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Usefulness of Digital Post-processed Kidney Ureter Bladder for Detection of Ureteral Stones: Preliminary Study

GU220-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Comparison of Dual-Energy CT and Subtraction CT for Renal Lesion Detection and Characterization

GU221-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
The Value of CT Texture Analysis in Differentiating Adrenal Tumor Using Quantitative CT Textural Features

GU222-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
PET/CT and PET/MR with 68ga-Psma-11 for the Evaluation
of Prostate Cancer Recurrence in Vas Deferens

GU223-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Added Value of MRI Tractography of Periprostatic Nerve
Plexus to Conventional t2-WI in Detection of Extra-Capsular
Extension of Prostatic Cancer

GU224-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Detection of Prostate Cancer: Abbreviated Biparametric
versus Standard Multiparametric MR Imaging - A
Systematic Review and Diagnostic Meta-analysis

GU225-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Blurring the Lines: Where POP-Q and MR Pelvic Floor
Imaging Meet

GU226-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Histopathological to Multiparametric MRI Spatial Mapping
of Extended Systematic Sextant and MR/TRUS-Fusion
Targeted Biopsy of the Prostate

GU227-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Super-Resolution Ultrasound Imaging: In Vivo
Demonstration for Characterization of Testicular Lesions

GU228-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Integration of Patient and Tumor Metabolic Imaging to
Predict Outcomes in Cervical Cancer Patients Using CT-
Based Visceral Fat Measurements and FDG-PET

GU229-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
MR Imaging Evaluation for the Risk of Pelvic Organ
Prolapse (POP): Focus on the Pelvic Floor (PF)
Configuration and Aging

GU230-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Body Mass Index is a Regulating Factor for CT Attenuation
of Adrenal Adenoma

GU231-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Comparison between Conventional Cystourethrography and
MRI with Voiding MR-Cystourethrography in the Evaluation
of Male Urethral Strictures

GU232-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Displaying Normal Ovaries on Dual-Energy CT by
Optimizing Image Reconstructions

GU233-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Variables That Predict a Better Performance of MR/TRUS
Fusion-Guided Biopsy over Routine Sextant Biopsy of the
Prostate in a Clinical Cohort

GU234-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Magnetic Resonance Imaging in Chylous Leakage of Female
Reproductive System

GU235-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Error and Discrepancy: Advantages of Double Reading
Protocol in Prostate MRI

GU236-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Clinical Utility of Contrast Enhanced MRI in Diagnosis of
Ectopic Pregnancy

GU237-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Quantitative Analysis of Tumor Morphology in Small
(< 4 Cm) Renal Tumors on Computed Tomography:
Differentiation of Fat-Invisible Angiomyolipoma from Renal
Cell Carcinoma

GU238-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Clinicopathological Characteristics of False-Negative Clinically
Significant Prostate Cancers on Multiparametric MRI

GU239-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Doppler Assessment of the Fetal Pulmonary Artery as a
Predictor of Neonatal Respiratory Distress Syndrome in
Diabetic Mothers

GU240-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Diagnostic Value of Amide Proton Transfer (Apt) Magnetic
Resonance Imaging for Prostate Cancer and Its Correlation
with Gleason Score

GU241-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Cerebroplacental Ratio a Predictors of Fetal Outcome
Among Patients with Pre-Eclampsia

GU242-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Development and Validation of CT-Based Findings to Predict
Operative Difficulty During Minimally Invasive Partial
Nephrectomy

GU243-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Virtual Unenhanced Images in Routine Clinical Renal Lesion
CT Imaging: Influence on the Bosniak Classification

GU244-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Utilization of Multiparametric MRI in Patients Under
Consideration for or Already in Active Surveillance:
Correlation with Imaging Guided Target Biopsy

GU245-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Transvaginal Ultrasonography with Bowel Prepare is
a Useful Tool for Predicting the Surgical Staging of
Endometriosis

GU246-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Whole-Body Magnetic Resonance Imaging (WB-MRI)
Reporting with METastasis Reporting and Data System for
Prostate Cancer (MET-RADS-P): Inter-Observer Agreement
Between Readers of Different Expertise Levels

GU247-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Antero-Posterior Thigh Diameter: A Novel Ultrasonographic
Method of Fetal Age Estimation Between 18 to 28 Weeks
Gestation

GU248-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Diffusion Kurtosis Imaging of Cervical Cancer at 3T: Impact
of Ultra-High B-Value in Tumor Detection and Imaging
Quality

GU249-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
A Preliminary Study of Use of Intravoxel Incoherent Motion
MR Imaging to Assess Placental Perfusion in Patients with
Placental Adhesion Disorder on Their Third Trimester

GU250-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Non-Contrast Assessment of Ablation Zone During Focal
Laser Ablation of Prostate Cancer Using Multi-echo T2*-
weighted MRI

GU251-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Assessment of the Shear Wave Elastography in Transplant
Kidney with Resistive Index Correlation: A Novel Way to
Assess Early Transplant Failure

GU252-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
MRI Impacts Endometriosis Management in the Setting of
Image-Based Multidisciplinary Conference

GU253-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Calculation of Cervical Tumor Volume on MRI: Simplified
Ellipsoid Equation or 3D Segmentation?

GU254-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Computer-Aided Diagnosis (CAD) Detected Regions
Overlaid on Bi-Parametric Prostate MRI (bMRI): A Pilot
Computer vs. Human Eye Study to Investigate the Ability to
Detect Prostate Cancer

GU255-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Investigation of the Feasibility of the Diagnosis of Prostate
Cancer in MR imaging using Deep-Learning Technique:
Preliminary Study

GU256-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Utility of High Resolution Images in MR Evaluation of
Placenta Accreta Spectrum

GU257-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Low Incidence of Contrast Induced Nephropathy (CIN)
in Oncological High-Risk Patients Undergoing Contrast-
Enhanced CT with the Isoosmolar Iodinated Contrast
Medium Iodixanol in Any Clinical Setting

UR001-EB-X (Hardcopy Backboard)
Fruity Appearance of the Neonatal Scrotum on US: Case
Based Illustration of the Kiwi Sign in the Diagnosis of
Perinatal Testicular Torsion

UR002-EB-X (Hardcopy Backboard)
R.E.N.A.L. Nephrometry Scoring: Beyond the Presurgical
Assessment

UR003-EB-X (Hardcopy Backboard)
Sonographic Findings of Epididymis

UR004-EB-X (Hardcopy Backboard)
Bubbles, Bubbles, Toils and Troubles: Artifacts in Contrast-
Enhanced Ultrasound

UR005-EB-X (Hardcopy Backboard)
Expand Your Differential: MR Imaging Features of Cystic
Retroperitoneal Pathologies Initially Diagnosed as
Lymphangiomas on Imaging with Pathological and Clinical
Correlation

UR006-EB-X (Hardcopy Backboard)
Papillary Epithelial Kidney Tumors: New and Future
Pathologic Classifications with Radiologic Correlation

UR007-EB-WEA (Wed, 12:15-12:45 PM, Hardcopy
Backboard)
Computer Assistance in Comparison of Kidney Function
Variation Between Pre- and Post-nephrectomy

UR100-ED-X (Digital Education Exhibit)
Carcinoma of the Penis: A Review of the Role of Imaging in
Staging

UR101-ED-X (Digital Education Exhibit)
Adrenalpedia: All About Imaging of Adrenal Lesions

UR102-ED-X (Digital Education Exhibit)
There's Another B on That KUB: Skeletal Clues to Additional
Disease Pathology

UR103-ED-X (Digital Education Exhibit)
Urine Trouble: Radiologic-Pathologic Correlation of Bladder
Neoplasms

UR104-ED-X (Digital Education Exhibit)
Imaging Spectrum of Prostate Cancer Recurrence and Systemic Metastases: Guidance for Detection

UR106-ED-X (Digital Education Exhibit)
Performance and Follow-Up of Cryoablation of Renal Tumors: How to Remain as Cold as Ice

UR107-ED-X (Digital Education Exhibit)
Is This Kidney Obstructed?

UR108-ED-X (Digital Education Exhibit)
Pitfalls with 18F-Fluciclovine Imaging in Recurrent Prostate Cancer Cohort in Veteran Population

UR109-ED-X (Digital Education Exhibit)
Urethrogram: A Basic Skill for Radiologists

UR110-ED-X (Digital Education Exhibit)
Evolving Management of Solid Renal Masses: Role of Imaging

UR111-ED-X (Digital Education Exhibit)
How to Confidently Diagnose an Adrenal Nodule as Benign

UR112-ED-X (Digital Education Exhibit)
Imaging Features of Renal Cell Carcinoma After Ablation

UR113-ED-X (Digital Education Exhibit)
Imaging of Ureteral Abnormalities: Common, Rare and Exotic

UR114-ED-X (Digital Education Exhibit)
Cancer in a Renal Transplant? What the Radiologist Needs to Know About Disease Mechanisms, Image Diagnosis and the Latest Image-Guided Therapy

UR115-ED-X (Digital Education Exhibit)
Urethral Injuries, Strictures, and Reconstruction: The Invaluable Role of the Fluoroscopist

UR116-ED-X (Digital Education Exhibit)
Female to Male Transgender Urethrography: A Growing Demand

UR117-ED-X (Digital Education Exhibit)
The New 2016 World Health Organization (WHO) Classification of Renal Neoplasms: A Primer for Radiologists

UR118-ED-X (Digital Education Exhibit)
MR Imaging of Penis

UR119-ED-X (Digital Education Exhibit)
Penile Doppler in Erectile Dysfunction

UR120-ED-X (Digital Education Exhibit)
Classics of Scrotal Sonography: A Primer for Residents and Fellows

UR121-ED-X (Digital Education Exhibit)
Granulomatous Prostatitis: The Greater Prostate Cancer Mimicker

UR122-ED-X (Digital Education Exhibit)
The Urethra: Imaging and Surgical Approach for Common Pathologies

UR123-ED-X (Digital Education Exhibit)
Imaging of Renal Transplant Complications Throughout the Life of the Allograft: A Comprehensive Multimodality Review

UR124-ED-X (Digital Education Exhibit)
Bright Spots on Pelvic Ultrasound

UR125-ED-X (Digital Education Exhibit)
False Positive PIRADS v2 score 3, 4, and 5 Lesions on 3TpmMRI: What Are They?

UR126-ED-X (Digital Education Exhibit)
Life of PIRADS: A Case Based Approach to the Imaging of Prostate Cancer

UR127-ED-X (Digital Education Exhibit)
Renal Replacement Lipomatosis: Imaging Findings and Differential Diagnosis

UR128-ED-X (Digital Education Exhibit)
Strategies for Optimization of Diffusion Weighted Imaging in Multiparametric Prostate Magnetic Resonance Imaging (mpMRI) in Patients with Metal Pelvic Hardware

UR129-ED-X (Digital Education Exhibit)
Who Watches the Watchmen? the Radiologist Key Role in Active Surveillance of Small Renal Masses

UR130-ED-X (Digital Education Exhibit)
Imaging Features of Male and Female Urethral and Peri-Urethral Pathologies at MRI - What a Radiologist Needs to Know

UR131-ED-X (Digital Education Exhibit)
Evaluation of Benign Prostatic Hyperplasia on Magnetic Resonance Imaging: Where Are We?

UR132-ED-X (Digital Education Exhibit)
Contrast Enhanced Ultrasound of the Kidney: The Why, The When, and The How

UR133-ED-X (Digital Education Exhibit)
Complications of Urinary Tract Surgical Procedures: CT-Urographic Patterns

UR134-ED-X (Digital Education Exhibit)
When It's Not Just About the Prostate - Extraprostatic Findings in Multi-Parametric Prostate MRI

UR135-ED-X (Digital Education Exhibit)
Prostate Carcinoma: Multiparametric Magnetic Resonance (MR) Imaging Pitfalls

UR136-ED-X (Digital Education Exhibit)
Renal Tumor Ablation: Review of Pre and Post Imaging Findings

UR137-ED-X (Digital Education Exhibit)
Prostate Treated for Prostatic Carcinoma: Multiparametric Magnetic Resonance (MR) Imaging Recurrence Patterns

UR138-ED-X (Digital Education Exhibit)
Incidental Prostate Cancer Detected After Holmium Laser Enucleation of Prostate (HoLEP): Multiparametric Magnetic Resonance (MR) Imaging Patterns

UR139-ED-X (Digital Education Exhibit)
Active Surveillance for Prostate Cancer: Multiparametric Magnetic Resonance (mpMR) Imaging Reclassification Patterns

UR140-ED-X (Digital Education Exhibit)
MR Imaging of Prostate After Focal Therapy: What Is Normal and What Is Recurrence?

UR141-ED-X (Digital Education Exhibit)
Horseshoe Kidney: Not Precisely a Lucky Charm

UR142-ED-X (Digital Education Exhibit)
Translabial Ultrasound (TLUS) in Suburethral Sling Evaluation: Technical Pointers and Diagnostic Performance

UR143-ED-X (Digital Education Exhibit)
Multimodality Imaging of Adrenal Masses: Spectrum of Clinico-Radiological Features and Differential Diagnosis

UR144-ED-X (Digital Education Exhibit)
Beyond the Floor: Incidental Findings on Dynamic Pelvic Floor MRI

UR145-ED-X (Digital Education Exhibit)
Less-Invasive Imaging in Pediatric Uroradiology: Techniques, Tips, and Recommendations

UR146-ED-X (Digital Education Exhibit)
Adult Ureteropelvic Junction Obstruction Revisited

UR147-ED-X (Digital Education Exhibit)
Are You a Seminal Vesicle Expert? Confounding Cases in a Quiz Format

UR148-ED-X (Digital Education Exhibit)
Imaging in Urology with Microbubble Technology

UR149-ED-X (Digital Education Exhibit)
Imaging Findings in Prostate Cancer Treatment with Irreversible Electroporation

UR150-ED-X (Digital Education Exhibit)
MR Imaging of the Male Pelvic Floor

UR151-ED-X (Digital Education Exhibit)
Nonmalignant Renal and Perirenal Masses: Can They Be Differentiated from Malignancy?

UR152-ED-X (Digital Education Exhibit)
Next Generation Imaging in Advanced Prostate Cancer: An Overview

UR153-ED-X (Digital Education Exhibit)
Prostate Cancer Management: A Multidisciplinary Perspective of Current Trends in Imaging Techniques

UR154-ED-X (Digital Education Exhibit)
Drill Down Into the Prostate - Imaging Review of Novel Therapies

UR155-ED-X (Digital Education Exhibit)
Imaging Features of Common and Uncommon Adrenal Lesions

UR156-ED-X (Digital Education Exhibit)
Diagnosis of Prostate Cancer: Added Value and Pitfalls of Dynamic Contrast Enhanced MRI

UR157-ED-X (Digital Education Exhibit)
Adrenal Lesions in 'By-The-Book' Cases: What to Expect When You Are NOT Expecting?

UR158-ED-X (Digital Education Exhibit)
No More Doubts About Adrenal Lesions: An Overview

UR159-ED-X (Digital Education Exhibit)
A Resident's Guide to Understanding the New 2018 ACR White Paper for the Management of the Incidental Renal Mass on CT

UR160-ED-X (Digital Education Exhibit)
Spare the Rod: A Case-Based Review of Mechanisms and Surgical Considerations of Penile Trauma

UR161-ED-X (Digital Education Exhibit)
Testicular and Extratesticular Scrotal Imaging: Clinical Manifestation and Differential Diagnosis

UR162-ED-X (Digital Education Exhibit)
Nephrolithiasis Imaging with DECT in the Current Era: Hope or Hype?

UR163-ED-X (Digital Education Exhibit)
Usefulness of Sonoelastography and Contrast Enhanced Ultrasound for Evaluation of Vascular and Parenchymal Abnormalities of Transplanted Kidney with Literature Review

UR164-ED-X (Digital Education Exhibit)
Spectrum of Abdominal Involvement on Hematologic Diseases: Multimodality Imaging Approach

UR165-ED-X (Digital Education Exhibit)
PRIAPISM: What a Radiologist Needs to Know

UR166-ED-X (Digital Education Exhibit)
Evaluation of Renal Transplants

UR167-ED-X (Digital Education Exhibit)
Indications and Complications Encountered with Nephrostomy Tubes

UR168-ED-X (Digital Education Exhibit)
Contrast Enhanced US Antegrade Nephrostograms for Ureteral Patency After PCNL

UR169-ED-X (Digital Education Exhibit)
Peyronie Disease: How Can I See the Non-Calcified Plaque?

UR170-ED-X (Digital Education Exhibit)
Utility of Contrast-Enhanced Ultrasound in the Evaluation of Malignancy of the Urinary Tract

UR171-ED-X (Digital Education Exhibit)
Scrotal Recall: A Review of Scrotal Emergencies

UR172-ED-X (Digital Education Exhibit)
We Need to Talk About This: Penile Emergencies

UR173-ED-X (Digital Education Exhibit)
The Prostate Apex and the Urinary Sphincter Complex: The Unknown Territory

UR174-ED-X (Digital Education Exhibit)
Update of CT Urography: Current Techniques, Clinical Utility, and New Applications

UR175-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
An Illustrated Guide to Genitourinary Surgical Procedures for Radiologists

UR176-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
New and Updated Topics in Targeted Therapies for the Treatment of Advanced and Metastatic Renal Cell Carcinoma: What Radiologists Should Know

UR177-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)
Pitfalls in the Interpretation of Adrenal Imaging

UR178-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)
MRI Findings of Non-Obstructive Azoospermia: Lesions In and Out of Pelvic Cavity

UR179-ED-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Remnant of the Umbilical Vein and Artery in Adults

UR180-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Multi-Parametric MR, Anterior Fibromuscular Stroma and Prostate Cancer: What Do You Need to Know?

UR181-ED-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Multi-Modality Review of Upper Tract Urothelial Carcinoma and Its Mimics

UR182-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Testicular Torsion Mimics: A Review of Alternative Testicular Pathologies That Resemble Torsion

UR183-ED-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Bigger Can Sometimes Mean Better: Assessing Response of Novel Anti-Cancer Drugs in Metastatic Renal Cell Carcinoma

UR184-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Missed Lesions on Prostate 3TpmMRI: What Do We Assigned A PI-RADS Score 2, Which Were High-Grade Tumor on Whole Mount Histopathology

UR185-ED-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Follow the Stream: Imaging of Urinary Tract Augments, Reconstructions, and Non-Cystectomy Diversions in Adult Patients

UR186-ED-TUB8 (Tue, 12:45-1:15 PM, Station #8)
Tomographic Findings and Management in Renal Trauma: An Interactive Approach

UR187-ED-WEA8 (Wed, 12:15-12:45 PM, Station #8)
What Radiologists Need to Focus on Renal Imaging for Preventing Pathological Upstaging of Clinical T1 to Pathological T3 Renal Cancer Managed by Partial Nephrectomy

UR188-ED-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Vesical Imaging Reporting and Data System (VI-RADS) for Standardized Reporting of Multi-Parametric MRI of Bladder Cancer

UR189-ED-WEB8 (Wed, 12:45-1:15 PM, Station #8)
Typical and Atypical Testicular Leydig Cell Tumors: Multi-Parametric US and MRI Findings

UR190-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
ShearWave Penile Elastography: A New Ultrasound Imaging Method for Assessing Penile Structural Changes

UR191-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)
Advanced Prostate Cancer: Update on Evolving Concepts, Rationale, and Challenges of Imaging and Novel Therapeutic Strategies

UR192-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)
Prove Your Worth: How to Add Value to Urinary Bladder Staging with Multi-Parametric MRI-Tips and Tricks to Improve Utilization of MRI of the Urinary Bladder by Urologists in Clinical Practice

UR193-ED-THB8 (Thu, 12:45-1:15 PM, Station #8)
MRI Findings of Obstructive Azoospermia: Lesions In and Out of Pelvic Cavity

UR194-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
Sarcomatoid Renal Cell Carcinoma: Multimodality Radiologic Evaluation and Clinical Significance

Health Services Research, Policy, and Practice

HP001-EB-X (Hardcopy Backboard)

Can My Patient Get an MRI? MR imaging in Patients with Implanted Devices or Other Foreign Bodies: Getting Safely from 'No' or 'I Don't Know' to 'Yes'

HP002-EB-X (Hardcopy Backboard)

When Resiliency Isn't Enough: Improving Resident Wellbeing through a Formalized Approach

HP003-EB-X (Hardcopy Backboard)

Safe Infant: A Checklist For Reducing Radiation Exposure to the Radiologist and Fetus in Early Pregnancy

HP004-EB-X (Hardcopy Backboard)

Coaching: An Educational Technique to Improve Competency and Procedural Skills in Interventional Radiology

HP005-EB-X (Hardcopy Backboard)

Out of Focus: The Impact on Productivity and Methods for Elimination

HP006-EB-X (Hardcopy Backboard)

How Much Do I Have to Pay? Price Transparency in Interventional Radiology

HP007-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)

Practice-Building for the Modern Interventional Radiologist Using Traditional, Electronic, and Social Media

HP008-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)

Mentorship in Radiology: It Doesn't Have to Be All Greek to You

HP100-ED-X (Digital Education Exhibit)

Developing a Personalized Breast Screening Program and Centralized Breast Imaging Center in a Community-Based Health Network: A How-To Guide with Clinical Outcomes

HP101-ED-X (Digital Education Exhibit)

Education in the Radiology Reading Room: More than See One, Do One, Teach One

HP102-ED-X (Digital Education Exhibit)

Rationale and Scope of Patient-Friendly ACR Appropriateness Criteria® Summaries

HP103-ED-X (Digital Education Exhibit)

Imaging Wisely: An Introduction to the ACR Appropriateness Criteria and Analysis of Impact on Internal Medicine Residents

HP104-ED-X (Digital Education Exhibit)

Shared Decision Making: A Primer for the Busy Radiologist

HP105-ED-X (Digital Education Exhibit)

Time-Driven Activity-Based Costing in Radiology: How to Use it in Your Practice?

HP106-ED-X (Digital Education Exhibit)

Healthy Habits in the Radiology Reading Room

HP107-ED-X (Digital Education Exhibit)

Starting a Contrast Enhanced Ultrasound Practice from Scratch: Tips and Lessons Learned

HP108-ED-X (Digital Education Exhibit)

IV Contrast Agent Administration in Pregnant and Lactating Patients - What Do You Need to Know

HP109-ED-X (Digital Education Exhibit)

Lessons from the Past: An Overview of Tumor Response Criteria

HP110-ED-X (Digital Education Exhibit)

Dual-Energy CT Virtual Classroom: How to Create an Enriched Learning Experience for Technologist and Radiologist

HP111-ED-X (Digital Education Exhibit)

Magnetic Resonance Imaging in Patients with Cardiac Permanent Pacemakers and Defibrillators: Survey Results of Current Practice in Academic Radiology Departments in North America

HP112-ED-X (Digital Education Exhibit)

Beyond the ABR Study Guide: Implementing a Radiology Residency Quality Curriculum to Meet and Exceed Requirements

HP113-ED-X (Digital Education Exhibit)

A MIPS (Merit-Based Incentive Payment System) Tutorial: The Transformation of Healthcare and What It Means for Your Practice

HP114-ED-X (Digital Education Exhibit)

How One Radiology Department Manages Patients with a Novel Oncologic Drug Delivery Device (Neulasta Onpro On-body Injector)

HP115-ED-X (Digital Education Exhibit)

Integration of Radiology in Pre-Clinical Anatomy Medical Education

HP116-ED-X (Digital Education Exhibit)
Power Injectors and Compatible Intravenous Catheters: A Review and Quick Reference for Radiologists

HP117-ED-X (Digital Education Exhibit)
Data Driven Quality and Safety Program in Radiology: Potential and Challenges

HP118-ED-X (Digital Education Exhibit)
Key Metrics for Financial Success in Your Practice: Understanding Your Radiologist Performance Executive Dashboard

HP119-ED-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Translating Research into Reimbursement: Taking New Technology through the CPT Code and RUC Valuation Processes

HP120-ED-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Quality Measure Development, Implementation, and Future Needs: A Primer

HP121-ED-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Past, Current, and Future About Consultation of Outside Radiology Studies: A Comprehensive Review with Emphasis on Patient's, Referring Physician's, and Radiologist's Perspective

HP122-ED-TUB6 (Tue, 12:45-1:15 PM, Station #6)
'Imaging' the Current State of Patient Experience and Imagining the Future State

HP200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
The Diagnostic Performance of Contrast Enhanced Ultrasound Liver Imaging Reporting and Data System (CEUS LI-RADS) for Hepatocellular Carcinoma (HCC)

HP201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Reporting Bias: Association of Diagnostic Accuracy Estimates in Radiology Conference Abstracts with Full-Text Publication

HP202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Implementation of the Korean Clinical Imaging Guidelines: A Mobile App-Based Decision Support System

HP203-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Comparison of Total Gadolinium Retention in Human Bone Tissue After Injection of Gadoterate Meglumine versus Gadodiamide in Patients with Normal Renal Function

HP204-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Lung Cancer Screening Engagement Through Breast Imaging: Population-Based Cross-Sectional Survey Results from the National Health Interview Survey

HP205-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Process Simulation and Economic Assessment of a Brain CT to Improve the Patient Journey and Cost Efficiency

HP206-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Comparison of Magnetic Resonance-Guided Focused Ultrasound with Pain Medication for Palliation of Painful Bone Metastases

HP207-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Prevalence of Pneumothorax Following Right-Heart Catheterization: Is Routine Post-Procedure Chest Radiography Indicated?

HP208-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Imaging Criteria Concordance Evaluation in a Multi-Clinical Trial Population: Immune-Related Response Evaluation Criteria in Solid Tumors (irRECIST) and Immune-Related Response Criteria (IrRC) versus Response Evaluation Criteria in Solid Tumors 1

HP209-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
The Impact of Emerging Technologies on Residency Selection by Medical Students

HP210-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Portable Chest Radiograph Utilization Among Inpatients

HP211-SD-MOB1 (Mon, 12:45-1:00 PM, Station #1)
Examination of Online Options for Patients Seeking Second Opinions in Radiology

HP212-SD-MOB2 (Mon, 12:45-1:00 PM, Station #2)
Outcomes of Radiology Medical Malpractice Lawsuits in Three States, 2008-Present

HP213-SD-MOB3 (Mon, 12:45-1:00 PM, Station #3)
Whole-Body MRI Screening of an Asymptomatic Cohort: A Long-Term Follow-Up Study

HP214-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Gender Disparity in Editorial Boards of Major Radiological Societies

HP215-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Multisite Implementation of Integrated Clinical Decision Support at the Simulated Point-of-Order Entry

HP216-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Are Patient-Centered Outcomes Reported in the Imaging Literature? a Secondary Analysis of the American College of Radiology Appropriateness Criteria

HP217-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Cost-Effectiveness Analysis of US versus MRI for the Initial Evaluation of Superficial Masses of the Extremities

HP218-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Nasopharyngeal Carcinoma: Choosing Chest CT or DR as a Baseline Staging Imaging Modality?

HP219-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
It Takes a Village: Active Faculty Engagement in Quality Improvement Using a Departmental Quality Improvement Committee

HP220-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Quantifying the Radiation Safety Benefits of a New Interventional Radiology Suite

HP221-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Thoracic Duct Embolization - Value Analysis Using a Time-Driven Activity-Based Costing Approach: A Single Institution Experience

HP222-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Patients Who Underwent Percutaneous Liver RFA for Malignancy Did Better When Admitted to Racially Diverse Hospitals

HP223-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Comprehensive Assessment of Fat Depots Using Multilayer Segmentation Techniques and Its Correlation with Anthropometric Measures on Computed Tomography Images

HP224-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Sonographer as a Source of Variability for Swear Wave Elastography: Separating Patient and Sonographer Variability Using Complete Block Design

HP225-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Gun Violence and Image Utilization at a Level-one Trauma Center

HP226-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
The Role of Post-Mortem CT in Cases of Murder with Corpse Concealment

HP227-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Follow-up of Abdominopelvic Imaging Findings Indeterminate for Malignancy in Hospitalized and Emergency Department Patients: Reporting Imaging Findings Alone is Insufficient

HP228-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Under-Representation of Women on Radiology Editorial Boards

HP229-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Diagnostic Radiology Has the Most Patient Encounters

HP230-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Citation Bias in Imaging Research: Are Studies with Higher Diagnostic Accuracy Estimates Cited More Often?

HP231-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Authorship Positions in Radiology: Is There Gender Gap?

HP232-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
How Specialized are Radiologists Who Are Reading MRI Studies of the Upper and Lower Extremities?

HP233-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Discrepancy Rates and Trends Among Neuroradiology Fellows

HP234-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
The Perception Gaps between Radiologists and Clinicians: Assessing the Current and Future Role of a Radiologist

HP235-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Roles of Radiologists and other Physicians in Endovascular Neuro-Interventions of the Head and Neck: An Appraisal

HP236-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Diagnostic Performance of PET/MRI for Liver Metastasis in Patients with Primary Malignancy: A Systematic Review and Meta-Analysis

HP237-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Acute Adverse Events Following Gadolinium-Based Contrast Agent Administration: A Single-Center Retrospective Study of 281,945 Injections

HP238-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Analysis of Emergency Department Facility Usage by Young Adult Population

HP239-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Is Our Job Making Us Fat? Radiologist Work Environment and Reported Health Survey

HP240-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Measuring Radiologists Posture Improvement Using a Smart Chair

HP241-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Improving Compliance in Multi-institutional PET/CT Clinical Trials via Real Time Quality Assurance Checking

Informatics

IN001-EB-X (Hardcopy Backboard)

The Augmented 3D Printing Technology with Artificial Intelligence of Deep Convolutional Neural Net Based on Medical Images

IN002-EB-X (Hardcopy Backboard)

Workflow for Patient-Specific Disease Simulation from CT Images to 3D Printed Model in Thyroid Cancer

IN003-EB-X (Hardcopy Backboard)

Enhancing Understanding of Pathology with 3D Printed Prostate Cutting Guides

IN004-EC-X (Custom Application Computer Demonstration)

3D Printing and Virtual Reality Models Using DICOM Data, Inexpensive, Often Free and More Accessible Than You Think: An Introduction to Key Concepts

IN005-EC-X (Custom Application Computer Demonstration)

Development Strategy of a Gamified Application for Teaching Chest X-Ray Interpretation

IN006-EC-TUA (Tue, 12:15-12:45 PM, Custom Application Computer Demonstration)

RadSim: A Single Vendor-Neutral Portal of Real Life Experience to Its Users on All Generic and Specific Aspects of CT Scanning Including Principles of CT Hardware, Scan Parameters, Scanning Protocol, Dual Energy, Image Quality, and Radiation Dose

IN007-EC-SUA (Sun, 12:30-1:00 PM, Custom Application Computer Demonstration)

Applying Virtual and Augmented Reality to Radiology and Medicine

IN008-EC-THB (Thu, 12:45-1:15 PM, Custom Application Computer Demonstration)

DeepGrow: A General-Purpose and Interactive Segmentation Tool Based on Deep Learning

IN009-EC-SUA (Sun, 12:30-1:00 PM, Custom Application Computer Demonstration)

Improving Radiology Report Quality by Moving a Patient Forward Along a Clinical Spectrum

IN010-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)

Code2Vec: A Novel, Vector Space Model Representation of Radiology CPT Codes

IN011-EB-X (Hardcopy Backboard)

Integrating Chatbots in Radiology Workflows: A Primer

IN012-EB-X (Hardcopy Backboard)

Design Methods of 3D Printed Patient Specific Vascular Phantoms for Device Testing, Endovascular Treating Planning, and Residency Training

IN013-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)

Data-Driven Capacity Assessment of Nursing Bay Resources Shared Among Multiple Radiology Modalities

IN100-ED-X (Digital Education Exhibit)

Robotic Process Automation: Go Beyond Artificial Intelligence in the Radiology Department

IN101-ED-X (Digital Education Exhibit)

Optimization of Imaging Parameters for Use in Medical Imaging Using the Deep Learning Technique

IN102-ED-X (Digital Education Exhibit)

Artificial Intelligence Use in Radiology: Development, Current Use, and Present-Day Controversies

IN103-ED-X (Digital Education Exhibit)

3D Finite Element Analysis in Designing, Evaluating, and Improving Inferior Vena Cava (IVC) Filters

IN104-ED-X (Digital Education Exhibit)

Automated Construction of the Optimal Structure for 3D CNN by Using the Bayesian Optimization

IN105-ED-X (Digital Education Exhibit)

Necessity of 3D Imaging in Robot Assisted Surgical Kidney Resection: An Optimal Way to Provide Accurate Images

IN106-ED-X (Digital Education Exhibit)

3D Printed, Virtual Reality, or Augmented Reality Urological Cancer Models: What Works Best, When, and Why?

IN107-ED-X (Digital Education Exhibit)

Data Enhancement of Deep Learning for Medical Image Analysis: How Do We Increase Precisely Labeled Training Images?

IN108-ED-X (Digital Education Exhibit)

CF-SCRIbeR Study: Cystic Fibrosis Structured Radiology Report, Standardisation of CT Reporting in Patients with Pulmonary Cystic Fibrosis (CF)

IN109-ED-X (Digital Education Exhibit)

The First Step of Texture Analysis: How to Create Grey Level Co-Occurrence Matrix (GLCM) and Calculate Six Texture Measures

IN110-ED-X (Digital Education Exhibit)
How to Use PRISMA-DTA to Improve Your Imaging Systematic Review

IN111-ED-X (Digital Education Exhibit)
Machine Learning: Solutions to Shortcomings

IN112-ED-X (Digital Education Exhibit)
Learning from Gamers: Multi-Button Mouse, Keypad and AHK Scripts as Tools to Simplify Complex Repetitive Tasks to Improve and Personalize Workflow

IN113-ED-X (Digital Education Exhibit)
Machine Learning: A Theoretical Stepwise Premier for Radiologists

IN114-ED-X (Digital Education Exhibit)
Digital Atlas for Radiological Evaluation of Bone Age in Male and Female Gender - Execution of a Digital Tool Based on the Author's Books Greulich & Pyle and Theodore Keats

IN115-ED-X (Digital Education Exhibit)
Japan Safe Radiology 2018

IN116-ED-X (Digital Education Exhibit)
3-Minute Recipe for Deep Learning: Principle, Hardware, and Software

IN117-ED-X (Digital Education Exhibit)
What Radiologists Should Learn about Machine Learning?

IN118-ED-X (Digital Education Exhibit)
Managing Cognitive Load in Multimedia Presentations: Reducing Extraneous Processing

IN119-ED-X (Digital Education Exhibit)
The Artificial Intelligence Journal Club: A Multi-Institutional Resident-Driven Web-Based Educational Initiative

IN120-ED-X (Digital Education Exhibit)
Historical Overview of Machine Learning (ML) and Deep Learning in Medical Image Analysis - What are the Sources of the Power of Deep Learning?

IN121-ED-X (Digital Education Exhibit)
Seeing Through the Eyes (and Visual Cortex) of a Machine: Convolutional Neural Networks at the Forefront of Machine Intelligence in Medical Imaging

IN122-ED-X (Digital Education Exhibit)
Concepts in Artificial Intelligence: A Primer for Radiologists

IN123-ED-X (Digital Education Exhibit)
Hands-On Machine Learning for Diffusion Tensor Imaging Assessment: From Theory to Practice

IN124-ED-X (Digital Education Exhibit)
Artificial Intelligence Using Neural Network Architecture for Radiology (AINNAR): The Decoding of the Technical Terms in AI

IN125-ED-X (Digital Education Exhibit)
How to Choose an Appropriate Neural Net Architecture to Solve Radiology Problems

IN126-ED-X (Digital Education Exhibit)
Practical Guide to Using PyTorch for Deep Learning Based Image Segmentation in Radiology

IN127-ED-X (Digital Education Exhibit)
Case Based Approach to Image Classification with PyTorch: A Primer for Novice Machine Learning Practitioners

IN128-ED-X (Digital Education Exhibit)
A Method for the Automated Generation of Patient-Specific Prostate Molds for Guiding Fresh Tissue Procurement and Validating MRI Lesion Localization

IN129-ED-X (Digital Education Exhibit)
Application of Deep Learning to Pancreatic Imaging - The Radiologists' Perspective

IN130-ED-X (Digital Education Exhibit)
Bringing Breast Imaging to Life: How and Why to Incorporate 3D Printing into Your Practice

IN131-ED-X (Digital Education Exhibit)
Decentralized Deep Learning on a Blockchain

IN132-ED-X (Digital Education Exhibit)
Supervised vs. Unsupervised Machine Learning for Radiologists in a Nutshell

IN133-ED-X (Digital Education Exhibit)
Artificial Intelligence for the Average Intelligence: A Practical Guide

IN134-ED-X (Digital Education Exhibit)
Five Free Radiology Hacks Every Practicing Radiologist Should Know

IN135-ED-X (Digital Education Exhibit)
Rise of Radiomics in CT: From Burden of Proof to Means of Implementation of Radiomics for Thoracic Oncologic Imaging

IN136-ED-X (Digital Education Exhibit)
Spatial Medical Imaging Using Virtual Reality, Augmented Reality, and Mixed Reality: How to Use and Evaluate the Effectiveness of Holographic Education

IN137-ED-X (Digital Education Exhibit)
Virtual Radiologists: Current Status of Deep Learning in Radiology and Its Future Trends

IN138-ED-X (Digital Education Exhibit)
Strengths, Weakness, Opportunities and Threats: SWOT Analysis of Machine Learning for Radiology Applications

IN139-ED-X (Digital Education Exhibit)
Designing, Engineering and Building a Custom and Versatile Liver Phantom for Multi-Energy CT using a 3D Printer: Challenges, Pitfalls, and Costs

IN140-ED-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Lessons Learned About Diagnostic Radiology Reporting from Practicing Interventional Radiology

IN141-ED-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Blockchain Technology: Principles and Applications in Radiology

IN142-ED-SUB2 (Sun, 1:00-1:30 PM, Station #2)
3D Printing for Liver Surgery Planning: A Step by Step Guide

IN144-ED-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Application of Radiomics in Pancreatic Imaging - Current Status and Future Directions

IN145-ED-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Right Diagnosis, Wrong Patient! A Picture is Worth a Thousand Images: The Value of Photo-Verification Technology

IN147-ED-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Computational Fluid Dynamics in Practice: An Illustrated 'How-To' with Examples from CT Fractional Flow Reserve, Endothelial Shear Stress, Abdominal Aortic Aneurysms, and Congenital Heart Disease

IN148-ED-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Designing and Performing State-of-the-Art Virtual Clinical Trials: Everything You Wanted to Know About VCTs but Dared Not Ask

IN207-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Lossless Compression of Segmented 3D Binary Data for Efficient Telemedicine Applications

IN210-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Improving Computer Aided Classification of Breast Lesions on Mammograms Using Simulated Masses by Generative Adversarial Networks

IN211-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Deep Learning-Enabled Normalization of Reconstruction Kernel-Induced Variability of Emphysema Index in Low-Dose Lung CT

IN214-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Are Patients Using Online Portals to View Radiology Reports?

IN217-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Evaluating the Completeness of a Radiology Glossary for the Vocabulary of Breast Imaging Reports

IN219-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Radiologist Adoption of an Innovative Radiology Reporting Technique: The Inclusion of Active Hyperlinks to Key Image Findings in the PACS

IN220-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
#Radiology: A 7-Year Analysis of Radiology-Associated Hashtags

IN221-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Integrating an Ontology of Radiology Differential Diagnosis with RadLex, SNOMED CT, and ICD-10-CM

IN222-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Accuracy of Using Google Translate to Convert Radiology Terminology from English to Chinese

IN223-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Direct Validation of Quantitative MRI Cerebral Perfusion at Rest, Stress and Ischemia

IN224-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Comparative Analysis of 3D Printed Materials for Cortical Mastoidectomy Simulation

IN225-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Standardizing the Content and Format of Common Data Elements in Radiology

IN226-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Patient Identification on Chest X-Ray Using Artificial Intelligence

IN227-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Detection of Pacemaker and Determination of MRI-conditional Pacemaker Based on Deep-learning Convolutional Neural Networks to improve the Patients' MRI Safety

IN228-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Development of Patient-Specific 3D Printed Model and Graft Guide for Open Surgical Repair of Thoracoabdominal Aortic Dissection

IN229-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Characterization of Renal Solid Masses Using Multiparametric Diffusion-Weighted Imaging

IN233-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Viewing Imaging Studies: How Patient Location and Imaging Site Affect Referring Physicians

IN235-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Readability of Neuroradiology CT and MRI Reports: Are They Over Patients' Heads?

Informatics Demonstrations

IN050
Common Data Elements

IN051
RadReport

IN052
3D Printing Special Interest Group (SIG) Kiosk

IN053
Computer Assisted Radiology and Surgery (CARS)

IN054
The Society for Imaging Informatics in Medicine (SIIM)

Informatics Artificial Intelligence Demonstrations

AI001
RSNA Deep Learning Classroom: Presented by NVIDIA Deep Learning Institute

AI030
Crowds Cure Cancer: Help Annotate Data from the Cancer Imaging Archive

Posters and Exhibits

AI002-EB
A Deep Learning Framework for Radiotherapy Delivery in Thoracic Oncology

AI003-EB
Ultra Low Dose PET/MRI Imaging of Crohn's Disease Using a Novel Deep Learning Reconstruction Method

AI004-EB
Development and Visual Assessment of a Deep Learning System for Automated Tuberculosis Screening Using Chest Radiographs

AI005-EB
Automated Detection and Localization of Large Vessel Occlusion on CTA of the Head Using Deep Learning Systems

AI006-EB
Radiomic Modeling to Predict Risk of Vertebral Compression Fracture After Stereotactic Body Radiation Therapy for Spinal Metastases

AI007-EB
Artificial Intelligence-Assisted Automated Detection and Outcome Prediction of Subarachnoid Hemorrhage: Techniques and Educational Approaches

AI008-EB
Machine Learning to Predict Risk of Upgrade and Recurrence of Ductal Carcinoma In Situ

AI009-EB
Machine Learning-based Virtual Metastasis Biopsy as an Early Predictor of Tumor Progression and Resistance Mutation Acquisition in Colon Cancer Patients

AI010-EB
Deep Learning on CT Angiogram to Aid in the Detection of Emergent Large Vessel Occlusion

AI011-EB
Segmentation and Quantitative Assessment of Prognostic Features in Type B Aortic Dissection Using Machine Learning

AI012-EB
Automated Liver Biometry and Fat Quantification in Non-alcoholic Fatty Liver Disease with Convolutional Neural Networks

AI013-EB

A Deep Learning Approach for Identifying Imaging Biomarkers and Outcome Modeling in Chronic Obstructive Pulmonary Disease

AI014-EB

Deep Learning for Radiological Image Quality Improvement: Impact on the Accuracy of Diagnosis and Organ Segmentation

AI015-EB

Combining Genomic and Clinical/Dosimetric Variables to Predict Radiation Toxicity in Localized Prostate Cancer Patients Via Computational Genomics and Machine Learning

AI016-EB

Detection of Obstructive and Restrictive Lung Disease on Chest Radiography Using Machine Learning and Integrated Pulmonary Function Data

AI017-EB

Radiogenomics of Diffuse Cerebral Gliomas

AI018-EB

Utilization of Deep Learning to Predict Characteristics and Treatment Response in Renal Tumors

AI021-EC-X (Custom Application Computer Demonstration)

Methodology to Curate and Crowdsource Annotation of the ChestX-ray14 Dataset for the RSNA-STR Machine Learning Challenge: How We Did It

AI022-EC-X (Custom Application Computer Demonstration)

The Next Step in Electronic Cleansing for CT Colonography: Unsupervised Machine Learning

AI023-EC-SUA (Sun, 12:30-1:00 PM, Custom Application Computer Demonstration)

Real Time Detection and Labeling of Image Objects: YOLO (You Only Look Once), A Case Study (with Pitfalls) in Training and Running a Deep Network to Detect and Label Objects

AI024-EC-THB (Thu, 12:45-1:15 PM, Custom Application Computer Demonstration)

Anatomical Borderline Structure Detection in Chest X-Ray by Deep Neural Networks

AI025-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)

Deep Learning for Discovery of Latent Information in Contrast Free Cardiac CT Images

AI026-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)

An Artificial Intelligence-Based System for Triaging of Digital Mammography Exams

AI027-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)

Abdominal Segmentation for Body Composition Using Deep-Learning U-Net

AI143-ED-MOA5 (Mon, 12:15-12:45 PM, Station #5)

Deep Learning Techniques for Automated Segmentation of Diffuse Lung Disease Opacities on CT Images

AI146-ED-WEA1 (Wed, 12:15-12:45 PM, Station #1)

"Virtual" High-Dose Technology: Radiation Dose Reduction in Thin-Slice Chest CT at a Micro-Dose (mD) Level by Means of 3D Deep Neural Network Convolution (NNC)

AI149-ED-WEB1 (Wed, 12:45-1:15 PM, Station #1)

Quality Assurance for Crowdsource Annotation of the Chest X-ray 14 Dataset for the RSNA-STR Machine Learning Challenge: How We Did It

AI150-ED-THA4 (Thu, 12:15-12:45 PM, Station #4)

Emerging Approaches for Applying Artificial Intelligence in Neuroradiology

AI151-ED-THB2 (Thu, 12:45-1:15 PM, Station #2)

A Two-Stage Deep-Learning Scheme for Reducing Radiation Dose in Digital Breast Tomosynthesis (DBT)

AI152-ED-SUA2 (Sun, 12:30-1:00 PM, Station #2)

Deep Learning-Based Texture Classification for Similar CT Image Retrieval

AI200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Effect of Inter-Observer Variability on Deep Learning in Chest X-Rays

AI201-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Automated Foreign Object Detection in Chest X-Ray Images Based on Deep Learning

AI202-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Automatic Contrast Enhancement Detection on Head CT

AI203-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Prostate Cancer Lesion Segmentation and Gleason Score Prediction Using Multi-parametric MRI via Deep Residual Neural Network

AI204-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Semi-Automatic RECIST Labeling on CT Scans with Cascaded Convolutional Neural Networks

AI205-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Solid Renal Tumor Detection Using Convolutional Neural Networks

AI206-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Improving Radiology Appointment Wait Time Prediction with Machine Learning

AI208-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
3D Context Enhanced Region-based Convolutional Neural Network for Universal Lesion Detection in a Large Database of 32,735 Manually Measured Lesions on Body CT

AI209-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Recognition of Pediatric Long-Bone Fractures in the Setting of Variable Open Growth Plates by Convolutional Neural Networks

AI212-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Transfer-Learning for Imaging-Based Lung Cancer Stratification

AI213-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Synthetic PET Generator: A Novel Method to Improve Lung Nodule Detection by Combining Outputs from a Pix2pix Conditional Adversarial Network and a Convolutional Neural Network Based Malignancy Probability Estimator

AI215-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Impact of Deep Learning-based CT Denoising on Normal Anatomical Structures in Low Dose Chest CT: FBP vs IRT vs Deep Learning

AI216-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Machine Learning for Identifying the Value of Digital Breast Tomosynthesis using Data from a Multicentre Retrospective Study

AI218-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Patient Data Adapted Deep Learning for Multi-Label Chest X-Ray Classification

AI230-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Support Vector Machine Model for Stratification of Liver Stiffness using Clinical Data

AI231-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Markerless Tumor Tracking for Hepatocellular Carcinoma Using Fluoroscopic Imaging with a Deep Neural Network

AI232-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Morphological Classification of the Cortical Bone Layer Using Deep Learning in Panoramic Radiography

AI234-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
CT Image Enhancement for Lesion Segmentation Using Stacked Generative Adversarial Networks

Molecular Imaging

MI001-EB-X (Hardcopy Backboard)

Dual Assessment of Parkinson's Disease with 11C-DTBZ and 11C-Raclopride PET/CT: Recognizing the Patterns in the Striatum

MI002-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Personalizing Immune-Oncology Therapies by Imaging Guided Adaptive Strategies

MI100-ED-X (Digital Education Exhibit)
Biochemical Recurrence in Prostate Cancer: Rising Role of PET Imaging

MI101-ED-X (Digital Education Exhibit)
Expecting the Unexpected: Uncommon Finds with a New PET Radiotracer in a Clinical Practice

MI102-ED-X (Digital Education Exhibit)
Spotlight on Bones: Skeletal Pitfalls in 68 Ga-PSMA PET/CT

MI103-ED-X (Digital Education Exhibit)
Lymphoma Mimickers on FDG PET/CT: Pearls and Pitfalls for Differential Diagnosis

MI104-ED-X (Digital Education Exhibit)
Differential Diagnosis of Degenerative Parkinsonisms: Review and Voxel-Based Analysis of FP-CIT SPECT and FDG PET Imaging

MI105-ED-X (Digital Education Exhibit)
When Things Go Wrong, Characteristic PET CT Patterns of Triple and Double-Hit Lymphoma; A Pictorial Review

MI106-ED-X (Digital Education Exhibit)
PERCIST 1.0 Simplified

MI107-ED-X (Digital Education Exhibit)
18F-DOPA PET-CT Scan in the Evaluation of Neuroendocrine Neoplasms

MI108-ED-X (Digital Education Exhibit)
Role of PET-CT in Ovarian Cancer

MI109-ED-X (Digital Education Exhibit)
PET-CT in Splenic Lymphoma: The Magic of Fusion Imaging

MI110-ED-X (Digital Education Exhibit)
68Ga PSMA PET/CT and PET/MR for Prostate Cancer Metastasis: Beyond Lymphatic and Bone Dissemination

MI111-ED-X (Digital Education Exhibit)
All That Glitters is Not Gold: 68Ga-PSMA-HBED-CC PET/CT Pitfalls

MI112-ED-X (Digital Education Exhibit)
Toward Quantifiable Imaging Biomarker for Multiple Myeloma : Making a Translatable Model in Mice

MI113-ED-X (Digital Education Exhibit)
Superparamagnetic Iron Oxide Nanoparticles: Applications and Developments in Diagnostics and Therapy

MI114-ED-X (Digital Education Exhibit)
Extranodal Manifestations of Lymphoma on 18F FDG-PET/CT: A Pictorial Essay

MI115-ED-X (Digital Education Exhibit)
Neuroendocrine Tumor Imaging: Current and Newer Agents

MI116-ED-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Hybrid Multiparametric 3 Tesla PET/MRI in Pelvic Malignancies: From Protocol Design to Clinical Application

MI117-ED-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Pancreatic Neuroendocrine Tumors (pNETs) Recognized in New AJCC Staging System 8th Edition: What Radiologists Need to Know

MI118-ED-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Carcinoma Tongue: It's Comparative Evaluation on 3T MRI, DWI, PET- CT and PET-MRI Fusion

MI119-ED-TUA5 (Tue, 12:15-12:45 PM, Station #5)
The ABCs of FACBC: Helpful Hints to Interpret FDA Approved Fluciclovine F-18 PET/CT For Prostate Cancer Recurrence

MI200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Noninvasive Early Detection and Dynamic Mapping of Liver Fibrosis and Cancer Heterogeneity by Collagen-Targeted Protein MRI Contrast Agent

MI202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Multimodal Perfusion Study in an Experimental Ex Vivo Pig Kidney Phantom Using Digital Subtraction Angiography, Magnetic Resonance Imaging, and Magnetic Particle Imaging

MI203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Chemical Exchange Saturation Transfer Imaging for Brain Tumors

MI204-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Radiolabeled Monoclonal Antibody BC8: Differences in Biodistribution and Dosimetry Among Hematologic Malignancies

MI205-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Ex-vivo Monitoring of Hyperpolarized [1-13C] Pyruvate Metabolism in Human Breast Cancer Xenograft Tumor Slices

MI206-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
DWI with FASE Sequence at a 3T System vs. DWIs with EPI Sequence at 1.5T and 3T Systems vs. FDG-PET/CT: Quantitative Capability for Differentiating Malignant from Benign Solitary Pulmonary Nodules

MI207-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Timely Visualizing the Collaterals Formed During Acute Ischemic Stroke with Fe₃O₄ Nanoparticle-Based MR Imaging Probe

MI208-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
[18F]-Fluoroestradiol PET Imaging of Tumors with Activating Mutations at Tyrosine-537 in Estrogen Receptor Alpha in Breast Cancer

MI209-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Molecular US Characterization of Metastatic Sentinel Lymph Nodes in Melanoma

MI210-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Lack of Immune Response Following Ultrasound Adenoviral Gene Transfer in a Mouse Cancer Model

MI211-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
In Vivo Imaging of the Tumor Microenvironment Allows for Estimation of Local Invasive and Metastatic Potential

MI212-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Imaging of Peptide Functionalized Nanoparticles Using T1 Mapping in Detecting Marginal Infiltration of GBM

MI213-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Diagnostic Utility of 68-Galium-Prostate Specific Membrane Antigen Positron Emission Tomography-Computed Tomography (68-Ga- PSMA PET-CT) in High and Intermediate Risk Prostate Cancer

MI214-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Susceptibility Weighted Imaging Study of SPIO Labeled Bone Marrow Mesenchymal Stem Cells Transplanting into Cerebral Ischemic Rats

MI216-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Prediction of Tumor Biological Characteristics in Different Colorectal Cancer Liver Metastasis Animal Models Using 18F-FDG and 18F-FLT

MI217-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Noninvasive Magnetic Resonance/Photoacoustic Imaging for Photothermal Therapy Response Monitoring

MI218-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
MR Imaging of Zinc Depletion in Prostate Cancer

MI219-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
MR Imaging Radiomics of NSCLC Brain Metastases: A Potential Targetable Imaging Biomarker for EGFR Status

MI220-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Synthesis and Evaluation of a 68Ga-DOTA Labelled Peptidomimetic Inhibitor of Matriptase for PET Imaging

MI221-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Solitary Pulmonary Nodules: Comparison of Differentiation Capability Among Actual Diffusion-Weighted Imaging and Computed Diffusion-Weighted Imaging at Different b Values and FDG-PET/CT

MI222-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Comparison Of 68 GA PSMA And Whole Body Diffusion Weighted MR Imaging In Staging Of High Risk Prostate Cancer

MI223-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
68Ga-RM2 PET/MRI Detection of Recurrent Prostate Cancer in Patients with Negative Conventional Imaging

MI224-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Inter-Reader and Inter-Criteria Agreement of Three Interpretation Criteria of 68Ga-PSMA PET

MI225-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Prevalence and Characteristics of 68Ga-PSMA-11 Uptake in the Prostatic Central Zone on PET-MR

MI226-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Patterns of 68Ga-PSMA-HBED Uptake of Sympathetic Ganglia on PET/CT

MI227-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Intelligent Bi₂S₃-Protein Nanocomposites for pH-Responsive Rapid Clearance and Oxygen Enhanced Radiotherapy

MI228-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
The Imaging and Uptake Properties of 5 nm USPIO
Nonspecific MR Contrast Agents in Vitro and In Rats' Liver

MI229-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Examination of the Sentinel Lymph Node Scintigraphy
Standardization

MI230-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Plectin/Integrin-Targeted Bispecific Molecular Probe for the
MRI/NIRF Imaging of Pancreatic Cancer

MI231-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Multifunctional Microbubble for Tumor Microenvironment-
Responsive Enhanced Prostate Cancer Radiotherapy

MI232-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Red Emissive Metalloporphyrin-Based Nanodots for
Magnetic Resonance Imaging and Photodynamic Therapy in
Vivo

MI233-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Standardized Uptake Value Atlas: Physiological and
Abnormal ⁶⁸Ga-RM2 Uptake in Patients with Prostate
Cancer

MI234-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
MR Imaging of NK92 Cells and Breast Cancer Tumors using
hFTH1 Reporter Gene Carried by Dendrimer-Entrapped Gold
Nanoparticles

MI235-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Added Value of Gastric Water Distension and Delayed FDG-
PET/CT Scan in Characterization of the Gastric FDG Uptake

MI236-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Characterizing Bladder Uptake in Fluciclovine PET:
Potential for Diagnostic Uncertainty?

MI237-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Imaging of Atherosclerotic Plaque Burden in ApoE KO Mice:
A Comparison of In Vivo 7T MRI and Ex Vivo MicroCT

MI238-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
¹⁷⁷Lu-DOTATATE Radioligand Therapy in Patients Affected
by Somatostatin-Receptor-Positive Neuroendocrine Tumors

MI239-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Imaging the Tumor Microenvironment in Vivo - Regulatory
Mechanisms of Tumor Promoting Biomarker S100A9

MI240-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Accuracy of the Staging of the Locally Advanced Penile
Carcinoma Using ¹⁸F-FDG-PET/MRI

MI241-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Utility Of PET/CT ⁶⁸Ga-DOTA-UBI [29-41] for Diagnosis of
Infection in Patients with Orthopedic Implants

Multisystems/Special Interest

MS001-EB-X (Hardcopy Backboard)

Post-Transplant Lymphoproliferative Disorder: What Is in a Name?

MS100-ED-X (Digital Education Exhibit)

Enhancing the Quality and Transparency of Research (the EQUATOR Network): Guidelines to Help Get More Bang for Your Buck When Publishing Your Research

MS101-ED-X (Digital Education Exhibit)

BI-RADS, PI-RADS, LI-RADS, TI-RADS, GI-RADS, NI-RADS, C-RADS, Lung-RADS, CAD-RADS: The Alphabet Soup of Standardized Reporting and Data Systems

MS102-ED-X (Digital Education Exhibit)

Vascularized Lymph Node Transfer: A Primer for the Radiologist

MS103-ED-X (Digital Education Exhibit)

Interpreting Body MRI Cases: Classic Findings in Pelvic MRI

MS104-ED-X (Digital Education Exhibit)

Beyond the Bowel: The Imaging Spectrum of Colonic and Extra-Colonic Hereditary Nonpolyposis Colorectal Cancer (Lynch Syndrome) Related Malignancies

MS105-ED-X (Digital Education Exhibit)

Hydatid Disease? Where? What Do We Do Now? a Review of Radiological Findings, with Special Focus on Local and Distant Complications, and Non-Invasive Therapeutic Options

MS106-ED-X (Digital Education Exhibit)

Non-Contrast MR Lymphography: This Is How We Do It!

MS107-ED-X (Digital Education Exhibit)

Big List of Malignant Small Round Cell Tumors: A Pictorial Exhibit on CT

MS108-ED-X (Digital Education Exhibit)

Metastatic Breast Cancer Patterns: Where Should We Look?

MS109-ED-X (Digital Education Exhibit)

Sonographic Findings of Cutaneous and Subcutaneous Lumps and Bumps

MS110-ED-X (Digital Education Exhibit)

Radiological Manifestations of the Atypical Responses and Complications from Anti-PD-1 and Anti-PD-L1 Immune Checkpoint Inhibitor (ICI) Immunotherapy Agents

MS111-ED-X (Digital Education Exhibit)

The Opioid Epidemic and the Role of Radiology: History, Current Status, Controversies, and Appropriately Managing Pain in the Image-Guided Procedural Arena

MS112-ED-X (Digital Education Exhibit)

CT Unravels Ancient Secrets of Animal Mummies

MS113-ED-X (Digital Education Exhibit)

Extrapulmonary Tuberculosis: Physiopathology and Imaging Findings

MS114-ED-X (Digital Education Exhibit)

Not Building a Wall but Destroying One: Tumors of the Abdominal Wall

MS115-ED-X (Digital Education Exhibit)

Exogenous Materials in Abdomen and Pelvis: Who Are They?

MS116-ED-X (Digital Education Exhibit)

Technical Restrictions and Artifacts in Shear Wave Elastography (SWE)

MS117-ED-X (Digital Education Exhibit)

Multimodality Imaging Findings in Blastic Plasmacytoid Dendritic Cell Neoplasm (BPDCN)

MS118-ED-X (Digital Education Exhibit)

Off the Beaten Path: Clay Model Representations of Nodal Pathways as a Learning Tool for Residents in Evaluation of Urogenital and Gynecologic Malignancies

MS119-ED-X (Digital Education Exhibit)

Lumps and Bumps: How Low Do You Go? A Review of the Clinical Utility of High Frequency Ultrasound for Dermatologic Lesions

MS120-ED-X (Digital Education Exhibit)

Medication Induced Imaging Manifestations: A Case-based Pictorial Review

MS121-ED-X (Digital Education Exhibit)

IgG4-Related Disease in the Abdomen and Pelvis: Atypical Findings, Pitfalls, and Mimics

MS122-ED-X (Digital Education Exhibit)

What a Mesh! Indications and Complications of Surgical Mesh Hernia Repair

MS123-ED-X (Digital Education Exhibit)

Invasive and Non-invasive Fungal Infections in Solid Organ Transplant Recipients: Imaging Spectrum from Head to Toe

MS124-ED-X (Digital Education Exhibit)
Role of Radiologist in Cancer Clinical Trials

MS125-ED-X (Digital Education Exhibit)
Thrombosis and Hypercoagulability: Spectrum of Causes and Multimodality Imaging Findings

MS126-ED-X (Digital Education Exhibit)
iRECIST: What, How, When to Measure? An Emerging Challenge in a New Era of Cancer Treatment

MS127-ED-X (Digital Education Exhibit)
Flaps MRI After Reconstructive Oncologic Surgery: DWI as an Imaging Biomarker for Tumor Recurrence

MS128-ED-X (Digital Education Exhibit)
Imaging Transgender Patients-A New Normal: Use of Imaging after Gender-Affirming Surgery

MS129-ED-X (Digital Education Exhibit)
Imaging of Obesity: More Than Just Artifacts

MS130-ED-X (Digital Education Exhibit)
A "Pseudo" Review of Gastrointestinal and Genitourinary Radiology

MS131-ED-X (Digital Education Exhibit)
Imaging of Lymphedema: A Primer for Radiology Residents

MS132-ED-X (Digital Education Exhibit)
Pitfalls in Transplant Sonography - Lessons We Have Learned

MS133-ED-X (Digital Education Exhibit)
Following the Jelly-Like Tumors: Mucinous Tumors of the Body in CT and MRI

MS134-ED-X (Digital Education Exhibit)
Cancer Genome Landscape: A Guide for Radiologists

MS135-ED-X (Digital Education Exhibit)
Autoinflammation versus Autoimmunity: What Radiologists Need to Know

MS136-ED-X (Digital Education Exhibit)
Imaging of Paraganglioma in Various Organs: A Comprehensive Review

MS137-ED-X (Digital Education Exhibit)
Updates in Diagnosis, Management and Treatment of Multiple Endocrine Neoplasia Type 1

MS138-ED-X (Digital Education Exhibit)
Typical and Atypical Manifestation of "Schwannoma": Multimodality Imaging and Differential Diagnosis

MS139-ED-X (Digital Education Exhibit)
Head, Shoulders, Knees & Bones, Knees & Bones: Whole Body Imaging in Myeloma

MS140-ED-X (Digital Education Exhibit)
Cystic Fibrosis in Adult Patients: A Pictorial Review of Common and Uncommon Abdominal Manifestations

MS141-ED-X (Digital Education Exhibit)
Glucoc-CEST (Chemical Exchange Saturation Transfer) Imaging: Principles and Applications

MS142-ED-X (Digital Education Exhibit)
Multisystem Imaging in Neurofibromatosis from Head to Toe: A Comprehensive State-Of-The-Art Review

MS143-ED-X (Digital Education Exhibit)
Visualization of the Effects of Gravity on the Human Anatomy and Pathologic Conditions Using Upright CT with Area Detectors

MS144-ED-X (Digital Education Exhibit)
An Update on Burkitt Lymphoma: A Review of the 2016 WHO Classification Scheme, Pathogenesis, and Multimodality Imaging Assessment of Disease Presentation, Treatment Response, and Recurrence

MS145-ED-X (Digital Education Exhibit)
What Was Nespamedu Hiding? Results of the CT Scan or an Egyptian Mummy, Priest of Imhotep, and Doctor of the Pharaoh

MS146-ED-X (Digital Education Exhibit)
Tumor Induced Osteomalacia: A Guide for Diagnostic Work Up and Pictorial Review of Imaging Findings

MS147-ED-X (Digital Education Exhibit)
Sarcoidosis: Abdominal Manifestations of the Great Imitator

MS148-ED-X (Digital Education Exhibit)
There Is Fat! What Every Radiologist Needs to Know About Abdominal and Pelvic Fat-Containing Tumors and Their Mimics: A Pictorial Review

MS149-ED-X (Digital Education Exhibit)
Imaging of Abdominopelvic Mesh Repair Complications and Their Treatment

MS150-ED-X (Digital Education Exhibit)
Post-transplantation Lymphoproliferative Disorder. An Uncommon Complication After Liver Transplant

MS151-ED-X (Digital Education Exhibit)
'Not Just for Neurologists': Systemic Manifestations of Neurofibromatosis Type I and Tuberous Sclerosis

MS152-ED-X (Digital Education Exhibit)
Theranostic Imaging Approaches for Optimal Management of Gastro-Entero-Pancreatic Neuroendocrine Tumors (GEP-NETs)

MS153-ED-X (Digital Education Exhibit)
Extranodal Involvement in Lymphoproliferative Syndrome: CT and FDG PET Features

MS154-ED-X (Digital Education Exhibit)
Tuberculosis 'The Great Masquerader': Spectrum of Appearance on Multimodality Imaging

MS155-ED-X (Digital Education Exhibit)
Abbreviated MRI Protocols - An Alternative in Screening and Diagnosis

MS156-ED-X (Digital Education Exhibit)
At the Crossroads of Imaging: Test Your Knowledge of Thoracic Inlet Neoplasms

MS157-ED-X (Digital Education Exhibit)
Contrast Medium Dose Reduction with Spectral Detector CT: Various Clinical Applications

MS158-ED-X (Digital Education Exhibit)
Response Evaluation Criteria in Solid Tumours (RECIST v1.1): Pathway, Pearls, and Pitfalls

MS159-ED-X (Digital Education Exhibit)
'It's Lupus': A Pictorial Essay about SLE in the ER

MS160-ED-X (Digital Education Exhibit)
Applications of Iodine Density Map and Effective Atomic Number (Zeffective) Views in Spectral CT

MS161-ED-X (Digital Education Exhibit)
Preoperative Perforator Flap Mapping for Autologous Breast Reconstruction

MS162-ED-X (Digital Education Exhibit)
Gadolinium Deposition and NSF: Should I Be Worried?

MS163-ED-X (Digital Education Exhibit)
"It's Getting Hot in Here" Febrile Neutropenia What Radiologist Need to Know: Clinical Course and Correlative Imaging

MS164-ED-X (Digital Education Exhibit)
The Intravenous Opioid Crisis - Spectrum of Imaging Findings of a National Emergency

MS165-ED-X (Digital Education Exhibit)
From Microbubbles to Burst: A Practical Guide to Contrast-Enhanced Ultrasound

MS166-ED-X (Digital Education Exhibit)
Imaging of Transgender Patients: What Radiologists Need to Know

MS167-ED-X (Digital Education Exhibit)
Amyloidosis: Multisystem Spectrum of Disease with Pathologic Correlation

MS168-ED-X (Digital Education Exhibit)
The Forgotten Lymphoproliferative Disorders' Abdominal Manifestations

MS169-ED-X (Digital Education Exhibit)
The Resurgence of Tuberculosis: The Spectrum of TB Pathologies Through the Ages

MS170-ED-X (Digital Education Exhibit)
Phacomatosis: Imaging Spectrum, Diagnostic Algorithm, and Role of Radiologist in Follow up

MS171-ED-X (Digital Education Exhibit)
Adverse Reactions to Cancer Immunotherapy and the Emerging Role of the Radiologist

MS172-ED-X (Digital Education Exhibit)
Hematologic Malignancies in the Emergency Department - A Primer for the Radiologist

MS173-ED-X (Digital Education Exhibit)
Multipronged Approach to Cancer Imaging for the Next-Generation Radiologist

MS174-ED-X (Digital Education Exhibit)
Serum Tumor Markers in the Reading Room: Guide for the Radiologists

MS175-ED-X (Digital Education Exhibit)
Multimodality Imaging Spectrum of Desmoid-Type
Fibromatosis Tumors and Associated Syndromes and
Genetics

MS176-ED-X (Digital Education Exhibit)
The Whole is Greater Than the Sum of Its Parts: WB-MRI in
Metastatic Prostate Cancer

MS177-ED-X (Digital Education Exhibit)
Protocol Optimization in Dual Energy and Dual Source CT:
Speed, Material Decomposition, or Field of View?

MS178-ED-X (Digital Education Exhibit)
Extraosseous Multiple Myeloma: Spectrum of Multimodality
Imaging Findings and Genomics

MS179-ED-X (Digital Education Exhibit)
Response Assessment with Dual-Energy CT: A Primer for
Radiologists

MS180-ED-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Scleroderma (Systemic Sclerosis): Radiologic
Manifestations

MS181-ED-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Quantitative Ultrasound: A Primer for Radiologists

MS182-ED-MOA1 (Mon, 12:15-12:45 PM, Station #1)
The Retrocrural Space and Diaphragmatic Crus Revisited:
From Azygos Vein Variations to Paraganglioma and
Everything in Between

Musculoskeletal

MK001-EB-X (Hardcopy Backboard)
Tibial Pilon Fractures: What Radiologists Need to Know

MK002-EB-X (Hardcopy Backboard)
Underestimated Ligament Injuries in MRI: How Maneuvers Can Help

MK003-EB-X (Hardcopy Backboard)
A Bump, So What? High-Resolution Ultrasound (HRUS) of Soft-Tissue Superficial Palpable Lesions (STSPL)

MK004-EB-X (Hardcopy Backboard)
Ultrasound and Color-Doppler Imaging of Non-Melanoma Skin Tumors

MK005-EB-X (Hardcopy Backboard)
Rice Bodies: Leaving Routine 'RICE with BEAN'

MK006-EB-X (Hardcopy Backboard)
Do You Know How Many Fat Pads Useful in the Diagnosis of MSK Disease? Anatomic and Case Review of Fat Pad Sign in the Whole Body

MK007-EB-X (Hardcopy Backboard)
Strain Ratio in Sonoelastography of the Achilles Tendon: A Comparison Between Asymptomatic Professional Athletes and Sedentary Volunteers

MK008-EB-X (Hardcopy Backboard)
Resonating with Rockwood: MRI of Acromioclavicular Joint Injuries

MK009-EB-X (Hardcopy Backboard)
Vascularized Composite Allograft (VCA)! Not An Everyday Graft Evaluation - Upper Limb Transplantation: What the Radiologist Needs to Know

MK010-EB-X (Hardcopy Backboard)
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Forefoot Anatomy and Pathology: MRI Findings

MK336-ED-X (Digital Education Exhibit)
Beyond the Barriers: How Critical Is Clinical Input to Overcome Challenges Faced in Imaging of Immediate Postoperative Complications Following Lumbar Spine Surgery? Case by Case Review of Causes of Immediate Redo Spine Surgeries

MK337-ED-X (Digital Education Exhibit)
Stranger Views: Making Sense of Uncommonly Orders Projections in Musculoskeletal Radiography

MK338-ED-X (Digital Education Exhibit)
Why Friction? A Pictorial Review of Ankle Impingement Syndromes

MK339-ED-X (Digital Education Exhibit)
Ultrasound Appearance of Common and Uncommon Lumps and Bumps of the Extremities

MK340-ED-X (Digital Education Exhibit)
Beyond Femoroacetabular Impingement: What the Radiologist Should Know

MK341-ED-X (Digital Education Exhibit)
Talalgia: The Wide Spectrum of Heel Pain-Diagnosis and Imaging Findings

MK342-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Dual-Energy X-ray Absorptiometry (DXA): Beyond Filling in the Numbers

MK343-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Soft Tissue Calcification - An Interactive Pictorial Quiz

MK344-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
A Name to Remember: What is the Eponym of the Fracture?

MK345-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Guess Who is Who: Tumor versus Tumor Mimicker-Bone and Soft Tissue Tumor Mimickers

MK346-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
The Echogenic Appearance of the Diabetic Deltoid Muscle on Shoulder Ultrasound: Is This Simply from Adipose Tissue Infiltration, Can This Appearance Predict Type 2 Diabetes and be Used to Detect Pre-Diabetes?

MK347-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Sonoelastography of the Supraspinatus and Infraspinatus Tendons in Patients with Adhesive Capsulitis of Shoulder

MK348-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Bony and Muscular Differences in Temporomandibular Joint Disorders on MRI

MK349-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Imaging Can Finally Be Used to Decide on Therapy of Cartilaginous Tumors in Long Bones: Resection or Curettage

MK350-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
MR Anatomical-Histological Correlation of the Adductor Longus-Rectus Abdominis-Pubic Ligament Complex

MK351-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Rapidly Progressive Osteoarthropathy of the Hip: A Study of 1471 Patients After Steroid Injection

MK352-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Whole Body MRI for Breast Cancer Staging: The Roles of the Static Field Strength and Gadolinium Contrast Agents in Focus

MK353-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Microflow Imaging Technology of Ultrasound Examination for Diagnosis of Adhesive Capsulitis of the Shoulder

MK354-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Fat Fraction Variation in Vertebrae: A Potential Biomarker in Evaluation of Bone Marrow Health

MK355-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Painful Type II Navicular Os: MRI Findings and Classification

MK356-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Empirical Mathematical Model for Dynamic Contrast-Enhanced MRI in Patients with Rheumatoid Arthritis: A Novel Technique to Monitor the Clinical Disease Activity

MK357-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
The Comma Sign: Can We Find It on Shoulder MRI?

MK358-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Arterial Spin-Labeling MR Imaging of Painful Shoulder Disorders

MK359-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Imaging Quantification of Glenoid Bone Loss in Patients with Glenohumeral Instability: A Systematic Review

MK360-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Periprosthetic Heating During Metal Artifact Reduction Sequence Magnetic Resonance Imaging of Hip Arthroplasty Implants at 3T

MK361-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Asynchronous Quantitative Computed Tomography for Bone Mineral Density Measurement in Two Clinics: A Comparability Study Using Cross-Calibration Phantom

MK362-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Structural Abnormalities on Knee MRI Associated with Normal Aging over 6 years: Data from the Osteoarthritis Initiative

MK363-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Fast MR Imaging of Isotropic Volumetric Ankle: Acceleration of Three-Dimensional Fast Spin Echo Sequence Using Compressed Sensing Combined with Parallel Imaging

MK364-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Evaluation of CT Fat Quantification Techniques for Assessing the Rotator Cuff Musculature

MK365-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Automatic Diagnosis Of ACL Tear On X-Ray In Trauma Patients: Achieving "Expert Level" Perception Of Subtle Radiology Findings (Segond Fracture) Using a Sparse Data Set

MK366-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Precision of Bone Mineral Density Measurements Around Total Ankle Arthroplasty Using Dual Energy X-ray Absorptiometry

MK367-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Evaluation of Age-related Changes in the Posterior Cruciate Ligament using T2* Maps Derived from MR Images with an Ultra-short TE Sequence

MK368-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Real-Time Dynamic MRI of Finger Motion: A Feasibility Study

MK369-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Prospective Comparison Between Radiofrequency Ecographic Multi-Spectrometry (REMS) and Dual Energy X-Ray Absorptiometry (DXA) Osteoporosis Risk Assessment

MK370-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Automatic Femoral Neck Fracture Detection and Classification Utilizing Advanced Deep Learning Techniques

MK371-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
CT-Guided Percutaneous Cryoablation of Musculoskeletal Lesions: Success and Fail

MK372-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Proton Density Fat Fraction (PDFF) MR Imaging for Differentiation of Acute Benign and Malignant Vertebral Body Fractures

MK373-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Non-invasive MRI Biomarkers of Muscle Injury and Recovery for Muscular Dystrophy

MK374-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Quantitative Assessment of Power Doppler Signal in the Subchondral Bone Region is an Effective Predictor of Radiographic Progression in the Hand of Rheumatoid Arthritis

MK375-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Multiple Myeloma: Differentiation of ISS Stage Based on a Diffusion MRI-based Radiomic Signature

MK376-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Color-Coded Virtual Non-Calcium Dual-Energy CT for the Detection of Lumbar Disc Herniation in Comparison with Standard Grayscale CT using MR Imaging as Standard of Reference: A Multireader Diagnostic Performance Study

MK377-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Predictor of Short-Term Poor Prognosis Following Percutaneous Vertebroplasty in Postmenopausal Women of Different Ages with Osteoporotic Related Vertebral Compression Fractures

MK378-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Quantitative Assessment of Skin Stiffness Using Ultrasound Shear Wave Elastography in Systemic Sclerosis

MK379-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Determination of Musculoskeletal Magnetic Resonance Imaging Protocol between Routine Protocol and Radiologist-Tailored Protocol Using Deep-learning Convolutional Neural Networks

MK380-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
 Deep Learning for Detection of Hip, Knee, and Shoulder Arthroplasty Dislocations and “Transfer Learning” to Native Joint Dislocations

MK381-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
 Dual-Energy CT for Display of Bone Marrow Edema in Correlation with MRI: Characterization of Acuteness of Vertebral Compression Fractures on Staging CT

MK382-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
 Classification of Median Nerve Swelling Pattern in Patients with Carpal Tunnel Syndrome and its Clinical Significance

MK383-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
 Acoustic Radiation Force Impulse (ARFI) Imaging of Myositis: An Added Value?

MK384-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
 Diagnostic Outcome of Image-Guided Percutaneous Core Needle Biopsy of Sclerotic Bone Lesions: A Meta-Analysis

MK385-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
 Detection of Different Degree Traumatic Vertebral Bone Marrow Edema by Virtual Noncalcium Technique of Dual-Source Dual-Energy CT

MK386-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
 Efficacy of Hybrid Compressed Sensing in Three-Dimensional Isotropic T2-Weighted Fast Spin-Echo for the Lumbar Spine

MK387-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
 MRI-Based Radiomic to Assess Lipomatous Soft Tissue Tumors Malignancy: A Pilot Study

MK388-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
 Correlation of Quantitative MRI Measures of Rotator Cuff Muscle Fatty Infiltration to Shoulder Strength and Range of Motion: A Pilot Study of Subjects with Painful Full-Thickness Supraspinatus Tendon Tear and Asymptomatic Controls

MK389-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
 Contrast Extravasation after Shoulder Arthrography: Is it Avoidable?

MK390-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
 Paraspinal Lean Muscle Mass Analysis using MRI in Patients with Adjacent Segment Disease after Lumbar Fusion

MK391-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
 High-Frequency Ultrasound Evaluation of the Nail and Terminal Extensor Tendon in Psoriasis

MK392-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
 Adhesive Capsulitis: Are We Making the Diagnosis Before Clinicians?

MK393-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
 3D-MRI versus 3D-CT in the Evaluation of Osseous Anatomy in Femoroacetabular Impingement using Dixon 3D FLASH Sequence

MK394-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Evaluation of Glenoid Labral Tears: Comparison Between Dual Energy CT Arthrography and MR Arthrography of the Shoulder

MK395-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
The Meniscal Comma Sign: Characterization and Clinical Importance of a Displaced Meniscal Fragment in the Meniscotibial Recess

MK396-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Fracture Risk Assessment of Diabetes Mellitus Patients: Comparison of Trabecular Bone Analysis by Tomosynthesis with Various Established Estimations

MK397-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Dual-Energy Computed Tomography for Differentiation of Infiltration Patterns in Multiple Myeloma: A Feasibility Study

MK398-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
A Method to Improve the Image Quality of Spine CT on Reducing Metal Artifacts Caused by Pedicle Screws in Patients

MK399-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Detection of Spondylolysis: Is Replacement of CT by Ultrashort Time to Echo (UTE) MR Sequences Feasible? A Human Cadaveric Spine Study

MK400-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
MRI-Detected Structural Damage and Longitudinal Change in Femorotibial Cartilage T2 Values in Radiographically Normal Joints

MK401-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Preoperative Intraarticular Hip Injections and the Risk of Postoperative Infection after Total Hip Arthroplasty

MK402-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Correlation of the New MRI Grading System for Cervical Foraminal Stenosis Based on Axial T2-Weighted Images with Severity of Neurological Manifestations

MK403-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Three-Dimensional Magnetic Resonance Imaging Improved Diagnostic Accuracy for Posterior Ligamentous Complex Disruption Based on an In Vitro Study

MK404-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Injury Patterns of Medial Patellofemoral Ligament in Patients with Acute Anterior Cruciate Ligament Tear: Is Associated with the Patellofemoral Osteoarthritis after ACL Reconstruction?

MK405-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Hyperintensity of Vertebral Lesions in Relation to the Spinal Cord on T1-Weighted MR images: A Sign to Differentiate Multiple Myeloma from Metastasis

MK406-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Silent Progression in Patients with Rheumatoid Arthritis: Is DAS28 Remission an Insufficient Goal in RA?

MK407-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Ultrasound-Guided Percutaneous Needle Tenotomy Using Tenex Technique for Lateral Epicondylitis: Effectiveness and Contributing Factors

Neuroradiology

NR001-EB-X (Hardcopy Backboard)

Imaging of Bone-Related Disorders of the Jaw: Spectrum of Imaging Findings

NR002-EB-X (Hardcopy Backboard)

Non-Contrast-Enhanced Dual-Energy Computed Tomography (NE-DECT) for Acute Ischemic Stroke Before and After Endovascular Thrombectomy Treatment

NR003-EB-X (Hardcopy Backboard)

Noncontrast CT Findings of Early Ischemic Change: Evaluation with CT: Z-Score Mapping

NR004-EB-X (Hardcopy Backboard)

The Role of Imaging in the Age of Precision Medicine for the Accurate Assessment of Alzheimer's Disease

NR005-EC-MOB (Mon, 12:45-1:15 PM, Custom Application Computer Demonstration)

CT Imaging of the Lumbar Spine: An Interactive Program on the Differential Diagnosis Beyond Trauma

NR006-EB-X (Hardcopy Backboard)

CNS Imaging Manifestations of Sarcoidosis: A Pictorial Essay

NR007-EB-X (Hardcopy Backboard)

How to Read Contrast-Enhanced Synthetic MRI of the Brain

NR008-EB-X (Hardcopy Backboard)

MR Imaging Features for Intracranial Causes of Diplopia

NR009-EB-X (Hardcopy Backboard)

The Vessel Wall Imaging: Intracranial Vascular with Non-Enhanced Vascular Wall Imaging

NR010-EB-X (Hardcopy Backboard)

Diagnostic Values of Susceptibility - Weighted MR Imaging in Acute Ischemic Stroke

NR011-EB-X (Hardcopy Backboard)

Tricks and Pitfalls in the Diagnosis of Cerebral Venous Thrombosis

NR012-EB-X (Hardcopy Backboard)

Amide Proton Transfer Imaging for Brain Tumors: Initial Experience and Current Status

NR013-EB-X (Hardcopy Backboard)

Computed Tomography Guided Procedures for Acute and Chronic Back Pain and Lumbar Sympathicotomy and Ganglion Stellatum Blocks - How Do You Do It

NR014-EB-X (Hardcopy Backboard)

In Vivo Proton MR Spectroscopy in Diagnosis of Intracranial Cysts

NR015-EB-X (Hardcopy Backboard)

UICC 8th Edition of TNM Classification for Head and Neck Cancer: One More Step for Radiologists, a Giant Leap for Patients

NR016-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)

Neuroimaging in Autoimmune Limbic Encephalitis: MRI versus PET/CT and Mimickers of Disease

NR017-EB-X (Hardcopy Backboard)

Pitfalls and Pearls in Presurgical and Postsurgical Evaluation of Patients With Thyroid Cancer

NR018-EB-X (Hardcopy Backboard)

The Varying Faces of Progressive Multifocal Leukoencephalopathy

NR019-EB-X (Hardcopy Backboard)

Algorithm Diagnostic Imaging in Intrathecal Drug Delivery Failure

NR020-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)

Imaging Findings in Medication-Induced Changes of the Central Nervous System: What Radiologists Should Know

NR100-ED-X (Digital Education Exhibit)

Entering the Molecular Era: A Practical Imaging-Based Guide to Navigating the 2016 Updates to the WHO Classification of Pediatric Brain Tumors

NR101-ED-X (Digital Education Exhibit)

Cavernicolous Pathologies of the Cavernous Sinus

NR102-ED-X (Digital Education Exhibit)

The Indispensable Role of MRI in Preoperative Assessment of Cochlear Implant: CT is a Must but is it Enough?

NR103-ED-X (Digital Education Exhibit)

God Gives the Nuts but He Doesn't Crack Them: Pictorial Review of TMJ Pathologies

NR104-ED-X (Digital Education Exhibit)
Imaging Patterns of Diffuse Leptomeningeal Glioneuronal Tumour (DLGNT): A Recently Classified Rare CNS Tumor with Challenging Radiological Findings - 'A Wolf in Sheep's Clothing'

NR105-ED-X (Digital Education Exhibit)
'N Sync Hyperactive Neurons: Guide to Common Causes of Epilepsy

NR106-ED-X (Digital Education Exhibit)
No Small Matter: Evolving Concepts of Sporadic Cerebral Small Vessel Disease and Implications for the Radiologist

NR107-ED-X (Digital Education Exhibit)
Indications and Interpretations of CT Perfusion for Cerebral Ischemic Stroke

NR108-ED-X (Digital Education Exhibit)
Brain Metastases: Be Careful! the Primary Tumor Is a Small Cell Lung Carcinoma!

NR109-ED-X (Digital Education Exhibit)
Mandible and Maxilla Lesions: Shall We Go to the Operating Room?

NR110-ED-X (Digital Education Exhibit)
Review of Cervical Lymph Nodes Not Included in the Numbered Image-Based Classification: Imaging and Clinical Significance

NR111-ED-X (Digital Education Exhibit)
All-You-Can-See: Dynamic Volume Scan for Cerebral Infarction using 320-Detector-Row CT

NR112-ED-X (Digital Education Exhibit)
Different Types of Post-Contrast 3-Dimensional T1-Weighted Sequences in Neuroradiology: Do Their Differences Matter?

NR113-ED-X (Digital Education Exhibit)
Esthesioneuroblastoma: The Past, Present, and Future

NR114-ED-X (Digital Education Exhibit)
Neurological Complications of Immunotherapy

NR115-ED-X (Digital Education Exhibit)
Brain Tumor Board Primer-Glioblastoma: What You Need to Know to Survive

NR116-ED-X (Digital Education Exhibit)
Neurosarcoidosis: Reviewing the Imaging Findings of a Rare Disease with Emphasis on Differential Diagnosis Based on Patterns of Involvement

NR117-ED-X (Digital Education Exhibit)
An Easy Overview of What Every Radiologist Should Know About Facial Nerve Palsy

NR118-ED-X (Digital Education Exhibit)
Can You Hear Me Now? Congenital and Acquired Causes of Sensorineural and Mixed Hearing Loss in Children

NR119-ED-X (Digital Education Exhibit)
Volume Brain CT Perfusion-Practical Technique, Analysis, and Pitfalls: What the Radiologist Needs to Know

NR120-ED-X (Digital Education Exhibit)
Complications of Neuro-Endovascular Treatments: Beyond the Procedures

NR121-ED-X (Digital Education Exhibit)
Clinically Feasible Quantitative Susceptibility Mapping and Susceptibility Weighted Imaging: Two-Minute 1mm-isotropic Voxel Imaging

NR122-ED-X (Digital Education Exhibit)
Post Traumatic Visual Loss: An Unusual Consequence of Cranial and Thoracic Trauma

NR123-ED-X (Digital Education Exhibit)
Abnormalities of the Cauda Equina in Adults: Imaging Review & Case Based Approach to Diagnosis

NR124-ED-X (Digital Education Exhibit)
Ring the Alarm! Powerful Tips on Ring-Enhancing CNS Lesions in HIV/AIDS Patients

NR125-ED-X (Digital Education Exhibit)
What if the Patient Has Ataxia? MRI Can Offer You a Helping Hand

NR126-ED-X (Digital Education Exhibit)
Acute Headache in the Emergency Setting

NR127-ED-X (Digital Education Exhibit)
Cavernous Sinus Lesions

NR128-ED-X (Digital Education Exhibit)
A Guided Journey through the Globe: Imaging Approach to Abnormalities in the Globes from Fetal Life to Late Childhood

NR129-ED-X (Digital Education Exhibit)
Eye Catching and Head Turning Devices: A Pictorial Review of Surgically Implanted Objects Encountered on Head Imaging

NR130-ED-X (Digital Education Exhibit)
The Swollen Paortid

NR131-ED-X (Digital Education Exhibit)
Stroke CT Perfusion Imaging: A Review of Quantitative and Qualitative Modalities

NR132-ED-X (Digital Education Exhibit)
Multimodality Imaging Characteristics of HPV-Related Oropharyngeal Squamous Cell Carcinoma: Morphologic Radiologic Features and Quantitative Parameters

NR133-ED-X (Digital Education Exhibit)
Radiological Evaluation of Head and Neck Cancer Patients Operated on and Reconstructed with Microvascular Free Flaps: Expected Findings

NR134-ED-X (Digital Education Exhibit)
You're Fake News: Multi-Parametric MR Imaging of Glioblastoma After Treatment-Pseudoprogression, Pseudoresponse, and Beyond

NR135-ED-X (Digital Education Exhibit)
Pseudocontinuous Arterial Spin Labeling: Clinical Applications and Usefulness in Head and Neck Entities

NR136-ED-X (Digital Education Exhibit)
Trigeminal Nerve: From Simplified Anatomy to Complex Pathologies

NR137-ED-X (Digital Education Exhibit)
Enjoy the Delicacy of Temporal Bone: From Embryology to Pathology-Part I: Embryology and Congenital Ear Abnormalities

NR138-ED-X (Digital Education Exhibit)
Multiparametric MR Imaging of Salivary Gland Tumors: Radiologic-Pathologic Correlation

NR139-ED-X (Digital Education Exhibit)
Petrous Apex Made Easy: Case-based Approach

NR140-ED-X (Digital Education Exhibit)
Not Everything is as it Seems: Misdiagnosis of Incidental Enlarged Parathyroid

NR141-ED-X (Digital Education Exhibit)
Diff'rent Strokes, Younger Folks: An Image-Based Review of Ischemic Infarction in Young Adults

NR142-ED-X (Digital Education Exhibit)
External Carotid Artery: The Tale of 'The Other' Carotid

NR143-ED-X (Digital Education Exhibit)
Staging of Laryngeal Cancer: Extralaryngeal Spread Beyond Direct Thyroid Cartilage Invasion

NR144-ED-X (Digital Education Exhibit)
Unidentified Bright Objects (UBOs) on T2/FLAIR Beyond Small Vessel Ischemic Changes

NR145-ED-X (Digital Education Exhibit)
Abnormalities of the Orbits: Beyond the ER Trauma

NR146-ED-X (Digital Education Exhibit)
Advanced Imaging Protocol to Improve the Image Quality of Carotid CT Angiography

NR147-ED-X (Digital Education Exhibit)
Extramedullary Spinal Cysts: Diagnosis and Image-Guided Interventions

NR148-ED-X (Digital Education Exhibit)
Sight for Sore Eyes: Review of Infectious and Inflammatory Orbital Pathology

NR149-ED-X (Digital Education Exhibit)
Pearls and Pitfalls of Thyroid Ultrasound Elastography

NR150-ED-X (Digital Education Exhibit)
Sphenoid Sinus Disease: A Pictorial Review

NR151-ED-X (Digital Education Exhibit)
Swallowing Abnormalities Associated with Stroke: Correlation Between Location of Lesions, Swallowing Patterns, and Therapeutic Recommendations

NR152-ED-X (Digital Education Exhibit)
Pediatric Leukodystrophies with an Emphasis on Diffusion-Weighted Imaging

NR153-ED-X (Digital Education Exhibit)
Don't Try to Cut the Corner When Evaluating Posterior Fossa: Rhombencephalitis Main Findings and How to Recognize the Major Differential Diagnosis

NR154-ED-X (Digital Education Exhibit)
Review: Essentials of NECT Head

NR155-ED-X (Digital Education Exhibit)
AJCC 2018 Head and Neck Cancer Staging Manual: Get Prepared for the ENT Tumor Board

NR156-ED-X (Digital Education Exhibit)
Am I Loitering Around a Diagnosis? No, It's Amyloidosis! A Review of Amyloid and Mimics for the Neuroradiologist

NR157-ED-X (Digital Education Exhibit)
The Role of Diagnostic Imaging in Oral Cavity Cancer

NR158-ED-X (Digital Education Exhibit)
Vascular Variants: Go with the Flow

NR159-ED-X (Digital Education Exhibit)
Radiological Approach for Depth of Invasion of the Oral Tongue Cancer Added in AJCC 8th Edition: Assessment of the Necessity of Elective Neck Dissection

NR160-ED-X (Digital Education Exhibit)
The Retrotympanum: A Pictorial Review of Its Variable Cross Sectional Anatomy and the Surgical Implications

NR161-ED-X (Digital Education Exhibit)
Ganglioglioma: A Tumor with Split Personality

NR162-ED-X (Digital Education Exhibit)
Pictorial Guide to Categorizing Post-Treatment Brain Tumor MRIs Using a Structured Reporting System

NR163-ED-X (Digital Education Exhibit)
Epstein-Barr Virus Associated Nasopharyngeal Carcinoma: Pathogenesis and Evolving Imaging Features

NR164-ED-X (Digital Education Exhibit)
Multimodality Imaging of Tumoral and Non-Tumoral Orbital Pathologies

NR165-ED-X (Digital Education Exhibit)
Synthetic MRI in Neuroradiology: Imaging Findings, Clinical Applications, and Pitfalls

NR166-ED-X (Digital Education Exhibit)
Neurosonography in Preterm Newborn: How, When, and Why to Do in the Clinical Practice?

NR167-ED-X (Digital Education Exhibit)
Longitudinal Changes in the Brain MR Images in Mild Cognitive Impairment

NR168-ED-X (Digital Education Exhibit)
Spectrum of Neurovascular Complications from Central Nervous System Infections (Viral, Bacterial, Fungal, and Parasitic)

NR169-ED-X (Digital Education Exhibit)
Radiologic Evaluation of Auditory Brainstem Implant Candidates

NR170-ED-X (Digital Education Exhibit)
Non-Traumatic Head and Neck Emergencies and Their Mimics: A Review of CT and MRI Findings and Differential Diagnostic Considerations

NR171-ED-X (Digital Education Exhibit)
Radiologic-Pathologic Correlation for Differential Diagnosis Using Diffusion MRI with a Short Diffusion Time

NR172-ED-X (Digital Education Exhibit)
Looking For a Needle In The Haystack: An Update in Parathyroid Imaging from Diagnosis to Treatment

NR173-ED-X (Digital Education Exhibit)
Application of PET-MRI in Head and Neck Cancer: A Multimodality Imaging Approach

NR174-ED-X (Digital Education Exhibit)
Thyroid Imaging Reporting and Data System: Pitfalls, Solutions, and Future Directions

NR175-ED-X (Digital Education Exhibit)
When the "Good Girl" Became "Villain": Post-Vaccine Neurological Complications in MRI

NR176-ED-X (Digital Education Exhibit)
Brain and Spinal Cord MRI Findings of Arboviruses in Adults: From West Nile to Japan

NR177-ED-X (Digital Education Exhibit)
Multimodality Imaging Features of Tauopathies and Related Spectrum Disorders Demystified with a Check List Approach: What a Resident Must Know

NR178-ED-X (Digital Education Exhibit)
Multimodality Imaging Features of Synucleopathies and Related Spectrum Disorders Demystified with a Check List Approach: What a Resident Must Know

NR179-ED-X (Digital Education Exhibit)
Journey from TIRADS to ACR-TIRADS - Review of Existing Ultrasonographic Imaging Scoring Systems and Current Practice Guidelines for Risk Stratification of Thyroid Nodules

NR180-ED-X (Digital Education Exhibit)
Occupational Radiation Exposure of the Eye in Neurovascular Interventional Physician

NR181-ED-X (Digital Education Exhibit)
Spot Sign Y Leakage Sign: It Is Possible to Predict the Expansion of the Cerebral Hematomas?

NR182-ED-X (Digital Education Exhibit)
Paranasal Sinus Tumors: Imaging Protocol and Diagnostic Algorithm - A Pictorial Review

NR183-ED-X (Digital Education Exhibit)
Abnormal Spinal Cord Signal: A Systematic Approach to Differentiate Myelitis from Its Mimics

NR184-ED-X (Digital Education Exhibit)
Neuro-Ophthalmic Imaging in Cancer Patients

NR185-ED-X (Digital Education Exhibit)
Imaging Findings of Amyloidosis in the Head and Neck

NR186-ED-X (Digital Education Exhibit)
Cranio Vertebral Junction Abnormalities: Radiological Assessment and Image Based Review

NR187-ED-X (Digital Education Exhibit)
The Neurovascular Conflict Zones of Cranial Neuralgias: Close Encounters of Micro Vascular Kind

NR188-ED-X (Digital Education Exhibit)
'Altered Mental Status' in a Patient with Cancer: What Can a Radiologist See?

NR189-ED-X (Digital Education Exhibit)
Assessment of Quantitative Analysis Methods of Thyroid-Associated Orbitopathy. Imaging Findings and Indications

NR190-ED-X (Digital Education Exhibit)
Thyroid and Cervical Lymph Node Levels Ultrasound Assessment: A Resident's Guide

NR191-ED-X (Digital Education Exhibit)
Imaging of Uncommon Sellar Masses

NR192-ED-X (Digital Education Exhibit)
Changes on EEG: A Primer to the Interpreting Neuroradiologist!

NR193-ED-X (Digital Education Exhibit)
Revealing the Ventral and Dorsal Language Streams of the Human Brain

NR194-ED-X (Digital Education Exhibit)
Finding the Cause: Correlation Between Audiogram and Imaging Findings in Hearing Loss

NR195-ED-X (Digital Education Exhibit)
Endogenous and Exogenous Neurotoxic Syndromes: Pictorial Review

NR196-ED-X (Digital Education Exhibit)
MRI Findings of Anti-Myelin Oligodendrocyte Glycoprotein (Anti MOG) Antibodies Spectrum Disorder, NMOSD and MS: Is There Any Difference?

NR197-ED-X (Digital Education Exhibit)
Improved Imaging of Craniosynostosis with Cinematic Rendering and ZTE MRI

NR198-ED-X (Digital Education Exhibit)
Role of Multi-Slice CT Scan in Buccal Mucosa Malignancy

NR199-ED-X (Digital Education Exhibit)
Salvaging the Brain: The Golden Hour & Beyond Arterial Spin Labeling - A Novel Non-Contrast MRI Perfusion Technique in Guiding Management and Predicting Prognosis in Hyperacute Stroke

NR200-ED-X (Digital Education Exhibit)
1H-MR Spectroscopy in Differential Diagnosis of Intracranial Masses: Can It Be a Conclusive Factor?

NR201-ED-X (Digital Education Exhibit)
Exploring Eloquent Frontal Areas by fMRI & DTI in Neurosurgical Patients

NR202-ED-X (Digital Education Exhibit)
Utility of Perfusion-Weighted MRI to Evaluate Brain Tumor

NR203-ED-X (Digital Education Exhibit)
"Percentage Signal Intensity Recovery": An Underutilised MR Perfusion Parameter in the Differentiation of Common Brain Tumors!

NR204-ED-X (Digital Education Exhibit)
Revisiting MR Imaging Features of Intracranial Hypotension: Do We Really Need Lumbar Puncture to Establish Diagnosis?

NR205-ED-X (Digital Education Exhibit)
Effect of Connecting Part of Extension Table on Radiation Dose and Image Quality at Head CT Scan

NR206-ED-X (Digital Education Exhibit)
Posterior Fossa Neuroenteric Cysts: Uncommon Cystic Lesions - A Pictorial Review and Review of Literature

NR207-ED-X (Digital Education Exhibit)
Dual Energy CT Cisternography for the Identification of the Site of CSF Fistula in Cases of Cranial CSF Leak

NR208-ED-X (Digital Education Exhibit)
Usefulness of Dynamic Manuevers in MRI for Oral Cancers: Making Invisible Visible

NR209-ED-X (Digital Education Exhibit)
MR Imaging of Neurodegenerative Disorders: A Pictorial Review

NR210-ED-X (Digital Education Exhibit)
Differential Diagnosis of Brain Calcifications

NR211-ED-X (Digital Education Exhibit)
Determining Brain Death in Pediatric Patients and in Adult Population

NR212-ED-X (Digital Education Exhibit)
Role of MRI CSF Flowmetry in Comprehensive Evaluation of Hydrocephalus

NR213-ED-X (Digital Education Exhibit)
Read Like an Expert: Sinonasal Opacification, What the Otorhinolaryngologist Wants to Know?

NR214-ED-X (Digital Education Exhibit)
Neurological Complications Post Allogeneic Hematopoietic Cell Transplant: A Pictorial Review

NR215-ED-X (Digital Education Exhibit)
Bright Objects in the Orbit: Imaging of Implanted Orbital Devices, Calcifications, and Foreign Bodies

NR216-ED-X (Digital Education Exhibit)
MR Imaging Diagnosis of the Parotid Tumor Including DWI, Dynamic Study, and Arterial Spin Labeling Perfusion Weighted Image

NR217-ED-X (Digital Education Exhibit)
CT-Guided Percutaneous Biopsy of Head and Neck Lesions

NR218-ED-X (Digital Education Exhibit)
Intracranial Aneurysms Assessment: What the Radiologists Should Report

NR219-ED-X (Digital Education Exhibit)
Parathyroid 4D CT: What the Endocrine Surgeon Wants to Know

NR220-ED-X (Digital Education Exhibit)
Besides Sinonasal Polyposis: What We Need to Know?

NR221-ED-X (Digital Education Exhibit)
Concepts in Head and Neck Imaging: A Case-Based Review

NR222-ED-X (Digital Education Exhibit)
Blow Your Mind: How Much Do You Know About Cerebral Herniation?

NR223-ED-X (Digital Education Exhibit)
Multimodal Imaging of Tumefactive Demyelination: A Comprehensive Review

NR224-ED-X (Digital Education Exhibit)
Application of Magnetic Resonance High-Resolution Vessel Wall Imaging (HR-VWI) in Patients with Carotid Plaque

NR225-ED-X (Digital Education Exhibit)
Unusual Infectious and Inflammatory Disorders of the Brain

NR226-ED-X (Digital Education Exhibit)
Dural Thickening: Look Beyond the Brain

NR227-ED-X (Digital Education Exhibit)
'Tone It Down!': A Radiological Statement Towards the Cerebral Vasospasm

NR228-ED-X (Digital Education Exhibit)
Basic Knowledge of Dental Radiology: What Medical Radiologists Need to Know

NR229-ED-X (Digital Education Exhibit)
Water Balloon Technique in USG of Carcinoma Buccal Mucosa: Corollary to Puffed Cheek CT

NR230-ED-X (Digital Education Exhibit)
Ultrasonographic Abnormalities of the Salivary Glands in Sjögren's Syndrome: A Review of Characteristic Imaging Findings and a Discussion of an Institution Specific Grading Scale

NR231-ED-X (Digital Education Exhibit)
A Systematic, Location-Based Approach to Congenital Brain Abnormalities

NR232-ED-X (Digital Education Exhibit)
Circumscribed Gliomas - WHO 2016

NR234-ED-X (Digital Education Exhibit)
Multimodality Imaging of the Salivary Gland: Inflammatory and Lymphoproliferative Disease vs. Benign and Malignant Tumors

NR235-ED-X (Digital Education Exhibit)
See it, Slice it, Learn it: Combining Ultra High Field MRI, CT and Thin-Sheet Plastination for Multi-Media Cadaveric Head and Neck Anatomy Teaching

NR236-ED-X (Digital Education Exhibit)
Go with the Flow - Applications of MRI Cine Phase Contrast CSF Study

NR237-ED-X (Digital Education Exhibit)
Imaging Evaluation of Otosclerosis: What the Otologist Needs to Know

NR238-ED-X (Digital Education Exhibit)
What Is in Your Eye? Postoperative Orbital Imaging and Pitfalls

NR239-ED-X (Digital Education Exhibit)
Conventional and Advanced MRI Descriptors to Improve Imaging Diagnostic Accuracy of Tumefactive Demyelination - Experience from 22 Biopsy Proven Cases

NR240-ED-X (Digital Education Exhibit)
Stuck in the Middle: Nervus Intermedius Related Neuropathologic Imaging Spectrum

NR241-ED-X (Digital Education Exhibit)
Rarely, Fat Is a Friend Not a Foe: Uncommon Fat Containing Lesions in the Brain

NR242-ED-X (Digital Education Exhibit)
Unmasking of Meningioma Mimics - Radiopathological Correlation

NR243-ED-X (Digital Education Exhibit)
What Went Wrong?: Ventriculo-Peritoneal Shunt Complications

NR244-ED-X (Digital Education Exhibit)
Do You Hear What I Hear - Diagnostic Work-Up and Differential Diagnosis of Pulsatile Tinnitus

NR245-ED-X (Digital Education Exhibit)
Revisiting Granulomatous Diseases in Head and Neck: A Pictorial Essay

NR246-ED-X (Digital Education Exhibit)
Above and Beyond Hypopharynx Imaging - Understanding Anatomy, Lesions, and Staging

NR247-ED-X (Digital Education Exhibit)
A Review of the Novel Technique of Neuroimaging using Hyperpolarized Xenon-129 MRI.

NR248-ED-X (Digital Education Exhibit)
What You Have Not Thought About! - Uncommon Spinal Epidural Space Lesions

NR249-ED-X (Digital Education Exhibit)
Radiology of the Cavernous Sinus - The Intracranial Melting Pot of Pathologies

NR250-ED-X (Digital Education Exhibit)
Updates of Anaplastic Thyroid Cancer: Diagnosis, Molecular Genetics, and Treatment

NR251-ED-X (Digital Education Exhibit)
Anatomy and Pathology of the Skull Base: A Pictorial Overview

NR252-ED-X (Digital Education Exhibit)
Infectious Ring Enhancing Lesions of the Brain - MRI Clues for Etiological Diagnosis

NR253-ED-X (Digital Education Exhibit)
Don't Get Nervous: Simple Approach to Learning Cranial Nerve Anatomy and Pathology

NR254-ED-X (Digital Education Exhibit)
A Jaw-Dropping Review of Temporomandibular Joint Imaging - Anatomy, Disorders, and Postoperative Features

NR255-ED-X (Digital Education Exhibit)
MR Findings of Meningioma: Radiologists Can Help Inform Neurosurgeons of More Than Location, Signal Changes, and Contrast-Enhancement

NR256-ED-X (Digital Education Exhibit)
Non-Neoplastic Lesions of Corpus Callosum - A Primer for the Neuroradiologist

NR257-ED-X (Digital Education Exhibit)
Depth of Invasion as a New Parameter in Oral Cavity TNM. Is It Just an Anatomopathological Measurement?

NR258-ED-X (Digital Education Exhibit)
Temporal Bone Trauma: Typical CT and MRI Images with Important Points in Evaluation

NR259-ED-X (Digital Education Exhibit)
Cortical Laminar Necrosis: Standard and Advanced MR Imaging Findings

NR260-ED-X (Digital Education Exhibit)
Cerebral Vascular Abnormalities: A Review

NR261-ED-X (Digital Education Exhibit)
Imaging Findings in CNS Infection: A Systematic Review

NR262-ED-X (Digital Education Exhibit)
Risk Stratification of Intracranial Vascular Pathology using
4D Flow MRA: The Role of Hemodynamics

NR263-ED-X (Digital Education Exhibit)
Orthognathic Surgery: A Primer for Reporting and Main
Complications

NR264-ED-X (Digital Education Exhibit)
Atlas of Craniotomy Approaches

NR265-ED-X (Digital Education Exhibit)
Pitfalls in Interpretation of Head and Neck PET-CT

NR266-ED-X (Digital Education Exhibit)
Post-Operative Temporal Bone

NR267-ED-X (Digital Education Exhibit)
Arterial Spin Labelling for Head and Neck Lesions
Assessment: Physical Basis and Clinical Applications

NR268-ED-X (Digital Education Exhibit)
This Isn't Another Review of Cholesteatoma: Tips and
Tricks from MDCT Basics to Advanced MRI Techniques

NR269-ED-X (Digital Education Exhibit)
An Educational Approach for Brain Vascular Malformations:
Not All Are AVMs!

NR270-ED-X (Digital Education Exhibit)
Lumps and Bumps of Calvarial and Scalp Regions: Pictorial
Essay

NR271-ED-X (Digital Education Exhibit)
Diagnostic Approach to Intrinsic Spinal Cord Signal
Abnormality

NR272-ED-X (Digital Education Exhibit)
Otosclerosis and Differential Diagnosis with Osseous
Dysplasias Affecting the Temporal Bone

NR273-ED-X (Digital Education Exhibit)
Neuroimaging of Emergent and Reemergent Infection

NR274-ED-X (Digital Education Exhibit)
Craniopagus Twins: What the Radiologist Needs to Know

NR275-ED-X (Digital Education Exhibit)
Do Not Be Entangled! Carotid Web - Imaging Features of an
Uncommon Stroke Etiology

NR276-ED-X (Digital Education Exhibit)
Head & Neck Post Operative Surgical Flap Reconstruction:
A Comprehensive Pictorial Review

NR277-ED-X (Digital Education Exhibit)
4D MR Angiography Using Arterial Spin-Labeling with and
Without Ultrashort TE: Impact on Neurovascular Imaging

NR278-ED-X (Digital Education Exhibit)
Alternate Routes for CSF Collection

NR279-ED-X (Digital Education Exhibit)
Many Faces of Granulomatous Lesions of Head and Neck

NR280-ED-X (Digital Education Exhibit)
Ultrasound Imaging Album of Thyroid Pathology: The
Essentials Every Radiologist Must Know

NR281-ED-X (Digital Education Exhibit)
Diseases of the Sinonasal Cavity

NR282-ED-X (Digital Education Exhibit)
CNS Coccidioidomycosis Imaging Manifestations

NR283-ED-X (Digital Education Exhibit)
Review and Update of the Latest Published Guidelines for
Endovascular Management of Acute Ischemic Stroke

NR284-ED-X (Digital Education Exhibit)
Potential Pitfalls of MR Spectroscopy

NR285-ED-X (Digital Education Exhibit)
The Mechanisms and Origins of Spinal Pain, from Molecules
to Anatomy, Pathology, and the Imaging Findings

NR286-ED-X (Digital Education Exhibit)
Cortical Restricted Diffusion Patterns on MRI: What the
Radiologist Needs to Know

NR287-ED-X (Digital Education Exhibit)
Clinical Applications of Susceptibility Weighted MR Imaging
in Stroke Focusing on Blood Vessels and Vessel Walls

NR288-ED-X (Digital Education Exhibit)
Runny Nose and Runny Ears: Imaging in Cerebrospinal Fluid
Leaks - What a Radiologist Should Know?

NR289-ED-X (Digital Education Exhibit)
Intracranial Manifestations of Autoimmune Diseases - A
Case Based Review

NR290-ED-X (Digital Education Exhibit)
Metastatic and Other Lesions of the Clivus: A Review

NR291-ED-X (Digital Education Exhibit)
PET Imaging in Neuro-Oncology: A Radiological Primer

NR292-ED-X (Digital Education Exhibit)
Imaging of the Nasolacrimal Drainage Apparatus

NR293-ED-X (Digital Education Exhibit)
Few and Far Between - Imaging of Uncommon Intracranial Dural Pathologies

NR294-ED-X (Digital Education Exhibit)
Chiari I Malformation: A Diagnostic Conundrum

NR295-ED-X (Digital Education Exhibit)
Looping Around the Pterygopalatine Fossa - A Crossway for Perineural Tumour Spread

NR296-ED-X (Digital Education Exhibit)
Ear or There: Demystifying Referred Otagia Using the 15 T Framework

NR297-ED-X (Digital Education Exhibit)
Reversible Vigabatrin-Induced Cerebral MRI Changes: Findings That Every Radiologist Should Be Aware

NR298-ED-X (Digital Education Exhibit)
Pediatric Vascular Disease: Thinking Outside the Box of Atherosclerosis

NR299-ED-X (Digital Education Exhibit)
A Pinch of Salt, A Dash of Pepper - A Tasteful Review and Update on Head and Neck Paragangliomas

NR300-ED-X (Digital Education Exhibit)
Systematic Approach on MRI Evaluation of Cranial Nerves

NR301-ED-X (Digital Education Exhibit)
Which Are the Biomechanical and Clinical Implications of a Lumbosacral Transitional Vertebra?

NR302-ED-X (Digital Education Exhibit)
Intrinsic Non-Neoplastic Myelopathy

NR303-ED-X (Digital Education Exhibit)
Imaging Spectrum of Various Disease Entities Involving Fornix

NR304-ED-X (Digital Education Exhibit)
High Resolution Vessel Wall MRI: Applications to Diagnosis and Prognosis of Atherosclerotic and Non-Atherosclerotic Disease

NR305-ED-X (Digital Education Exhibit)
Fungal Brain Infections Revisited: Review of Literature and Multimodality Imaging Findings

NR306-ED-X (Digital Education Exhibit)
'There Is a Better Way, Find It': Clinical, Radiological, and Intraoperative Features of Routine and Alternative Cervical Surgical Accesses for Advanced Head and Neck Primary Tumors

NR307-ED-X (Digital Education Exhibit)
It Is Not as Simple as It Seems - Imaging of Lateral Ventricular Tumors

NR308-ED-X (Digital Education Exhibit)
Quantitative MR imaging as a Clinical Application: How We Perform It and What We Can Extract

NR309-ED-X (Digital Education Exhibit)
Paint the Brain Brown: Pigmented Lesions in Neuroimaging with Histopathological Correlation

NR310-ED-X (Digital Education Exhibit)
The Imaging Spectrum of Ectopic Gas in the Brain, Head, and Neck Head CT and MRI

NR311-ED-X (Digital Education Exhibit)
E.R. Alert! Head and Neck Emergencies in Oncologic Patients

NR312-ED-X (Digital Education Exhibit)
Acute Infections of the Neck: What Every Radiologist Should Know and Quickly Recognize

NR313-ED-X (Digital Education Exhibit)
Malformation Transformation: A Review of Pre and Post-Surgical Imaging in Arnold-Chiari Malformations

NR314-ED-X (Digital Education Exhibit)
Cerebral Microvascular Imaging with Ferumoxytol-Enhanced MRI

NR315-ED-X (Digital Education Exhibit)
Salivary Gland Tumors

NR316-ED-X (Digital Education Exhibit)
Lumbar Spine Nomenclature Version 2.0 - A Pictorial Review

NR317-ED-X (Digital Education Exhibit)
Too Much of Air - Boon or Bane: Sphenoid Sinus Pneumatisation and Its Impact on Central Skull Base Lesions - A Cross Sectional Imaging Study

NR318-ED-X (Digital Education Exhibit)
Looking for Radiologic Clues to Discover Cerebral Venous Thrombosis

NR319-ED-X (Digital Education Exhibit)
Post-Treatment Imaging of the Brain

NR320-ED-X (Digital Education Exhibit)
Caution! Toxic and Metabolic Brain Disorders

NR321-ED-X (Digital Education Exhibit)
Demystifying the Mystery of Brain Fog: An Algorithmic Approach to Dementia Using Structural and Functional MRI Sequences

NR322-ED-X (Digital Education Exhibit)
CT-Guided Pulsed Radiofrequency: A Minimally-Invasive Procedure for Acute Radicular Low Back Pain

NR323-ED-X (Digital Education Exhibit)
The Brain over the Joints: MRI brain findings in Rheumatoid Arthritis

NR324-ED-X (Digital Education Exhibit)
Detection of Ischemic Core: Technological of Noncontrast CT and Image Analysis of Contrast CT

NR325-ED-X (Digital Education Exhibit)
Normal and Abnormal Image Findings After Sinonasal Open and Endoscopic Surgery

NR326-ED-X (Digital Education Exhibit)
What You Need to Know About Subependymal Lesions

NR327-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)
Pharyngoesophagram and Videofluoroscopic Evaluation of Oropharyngeal Swallow: The First Step in the Study of Dysphagia

NR328-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
Radiological Correlates of Classic Neurological Presentations: The Anatomy Behind the Syndrome

NR329-ED-SUA9 (Sun, 12:30-1:00 PM, Station #9)
A Case-based Approach to Understanding Cerebral Proliferative Angiopathy, A Distinct Entity from Classical Brain AVM

NR330-ED-SUA10 (Sun, 12:30-1:00 PM, Station #10)
Eyes Are the Windows to the... CNS When Anterior Visual Pathway Involvement Reflect the Diagnosis of CNS Disorders: Reviewing Patterns and Differential Diagnosis

NR331-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)
Does this Brain Infection Get Better or Worse? Central Nervous System Immune Reconstitution Inflammatory Syndrome (CNS-IRIS) in Setting of HIV infection

NR332-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)
Stain Your Brain: Neuropathology of Pediatric Brain Tumors

NR333-ED-SUB9 (Sun, 1:00-1:30 PM, Station #9)
DWI Beyond Stroke - Lesion Pattern Approach

NR334-ED-SUB10 (Sun, 1:00-1:30 PM, Station #10)
Cranial Vault Lesions in Systemic Diseases: Should I Stay or Should I Go (Further)?

NR335-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
CT Myelos: Dinos or Rhinos? Indications and Pathologies in this Modern MR Era

NR336-ED-MOA9 (Mon, 12:15-12:45 PM, Station #9)
CT Angiography and CT Perfusion of Brain Tumors with a Reduced Dose of Radiation and Contrast Medium

NR337-ED-MOA10 (Mon, 12:15-12:45 PM, Station #10)
Do Not Get Lost in the Triangle of Guillain-Mollaret: A Pictorial Guide Through the Hypertrophic Olivary Degeneration Flow

NR338-ED-MOB9 (Mon, 12:45-1:15 PM, Station #9)
3D Ultrasonography of the Larynx: Anatomic Correlation with CT and Direct Endoscopic Visualization

NR339-ED-MOB10 (Mon, 12:45-1:15 PM, Station #10)
A "Pseudo" Review of Neuroradiology

NR340-ED-MOB11 (Mon, 12:45-1:15 PM, Station #11)
Mind the Black Spots: A Pictorial Review of Cerebral Amyloid Angiopathy-Related Inflammation

NR341-ED-TUB10 (Tue, 12:45-1:15 PM, Station #10)
It Is Not Always Adenoma: Other Sellar and Parasellar Injuries

NR342-ED-TUA11 (Tue, 12:15-12:45 PM, Station #11)
Dental Emergencies: A Practical Guide to Identify Them

NR343-ED-TUA12 (Tue, 12:15-12:45 PM, Station #12)
Central Nervous System Parasitic Infections: What Radiologists Should Know

NR344-ED-TUA9 (Tue, 12:15-12:45 PM, Station #9)
Extra-Nodal Extension in Head and Neck Cancer: How Radiologists Can Help Staging and Treatment Planning

NR345-ED-TUB11 (Tue, 12:45-1:15 PM, Station #11)
Lesions of the Pineal Region: A Clinical-Radiological Approach to Differential Diagnosis

NR346-ED-TUB12 (Tue, 12:45-1:15 PM, Station #12)
Old But Gold? The Role of Digital Sialography and Its Correlations with Other Diagnostic Methods in Modern Radiology

NR347-ED-TUA10 (Tue, 12:15-12:45 PM, Station #10)
CNS Vasculopathies: Diagnostic Clues on MR Imaging

NR348-ED-WEA10 (Wed, 12:15-12:45 PM, Station #10)
How the Ocular Ultrasound Helps the Ophthalmologist: Review of the Technique and the Most Frequent Pathologies Seen with Its Use in the Emergency Room

NR349-ED-WEA11 (Wed, 12:15-12:45 PM, Station #11)
Primary CNS Lymphoma: Role of the Radiologist from Diagnosis to Surveillance of the Disease

NR350-ED-WEA12 (Wed, 12:15-12:45 PM, Station #12)
A User Guide for Head and Neck Lesions Evaluation with DIXON: Technical Adjustments and Potential Applications

NR351-ED-THA10 (Thu, 12:15-12:45 PM, Station #10)
Dedicated Lower Cranial Nerve MRI Imaging, Anatomy, and Common Pathologies

NR352-ED-WEB10 (Wed, 12:45-1:15 PM, Station #10)
Behind Those Eyes: What the Radiologist Needs to Know About Orbital Lesions

NR353-ED-WEB11 (Wed, 12:45-1:15 PM, Station #11)
Resident Primer: A Pattern-Based Approach to Central Nervous System Infection

NR354-ED-WEB12 (Wed, 12:45-1:15 PM, Station #12)
Don't Fall Asleep at the Wheel! A Practical Guide for Obstructive Sleep Apnea Syndrome (OSAS) Imaging Evaluation

NR355-ED-THB10 (Thu, 12:45-1:15 PM, Station #10)
The Hitchhiker's Guide to Idiopathic Normal Pressure Hydrocephalus: What the Radiologist Needs to Know

NR356-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
Neuroimaging of Epilepsy: The Integration of Structural and Functional Imaging Modalities

NR357-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)
Genetics and Imaging of Thyroid Cancer: 2018 Update

NR358-ED-THA9 (Thu, 12:15-12:45 PM, Station #9)
Pediatric Multiple Sclerosis: Imaging Spectrum and Differential Diagnosis

NR359-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)
Sialadenitis and Salivary Gland Anatomy

NR360-ED-THB8 (Thu, 12:45-1:15 PM, Station #8)
Cranial Nerve Enhancement - The VICTIM of Range Group of Diseases

NR361-ED-THB9 (Thu, 12:45-1:15 PM, Station #9)
Acute Ischemic Stroke Imaging and Management: A Current Review

NR362-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Small High-Signal Lesion Posterior to the Intracranial Vertebral Artery Incidentally Identified by 3D FLAIR: Analysis of the Relationship to the Spinal Accessory Nerve by 3D Balanced Fast Field Echo MR Imaging

NR363-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Evaluation of Intravoxel Incoherent Motion in Pituitary Adenoma Using Turbo Spin-Echo Diffusion-Weighted Imaging: Comparison with Pathological Microvascular Areamicrovascular Perfusion Assessment of Pituitary Adenomas: A Feasibility Study Using Tu

NR364-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Deteriorated Functional and Structural Brain Networks in Diabetic Kidney Disease: A Graph Theory-Based Magnetic Resonance Imaging Study

NR365-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
The Association among Quantitative Contrast Enhanced Ultrasonography Features, TI-RADS Score and BRAF V600E Mutation in Papillary Thyroid Cancer

NR366-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Automated Brain Volumetry of Neuromyelitis Optica Spectrum Disorders: Inter-scanner Variability in White Matter Hyperintensities Segmentations and Volumetric Differences Compared with Multiple Sclerosis

NR367-SD-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Alzheimer's Disease Screening Using Structural MRI Biomarker Quantification

NR368-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Context-Guided Deep Learning Framework for Skull Stripping

NR369-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Prediction of Parkinson's Disease by Using Deep Learning 3D-Convolutional Neural Networks

NR370-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Usefulness of Dual-Layer Spectral CT in Follow-Up Examinations: Diagnosing Recurrent Lesions of Head and Neck Squamous Cell Carcinomas

NR371-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Prospective Multiparametric US Evaluation of Parotid Gland Lesions

NR372-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Disrupted Hippocampus-Prefrontal Circuitry in Parkinson's Disease Patients with Mild Cognitive Impairment

NR373-SD-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Automated Coregistration Improves Diagnostic Accuracy Compared to Conventional Reading in the MRI Follow-Up Assessment of Brain Lesions in Patients with Multiple Sclerosis

NR374-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Clinical Value of Vascular Permeability Estimates Using Dynamic Susceptibility Contrast MRI: Improved Diagnostic Performance in Distinguishing Hypervascular Primary CNS Lymphoma from Glioblastoma

NR375-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Resident Call Preparation Website: Preliminary Results

NR376-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Wave-CAIPI Encoding 3D T1-Weighted Magnetization-Prepared Rapid Gradient Echo (MP-RAGE) Brain Imaging: A New Technique for Scan Time Reduction

NR378-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Malignant X Benign: Use of 2D-Shear Wave Sonoelastography for the Risk Stratification of Thyroid Follicular Nodules

NR379-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Altered Structural Covariance in Mesial Temporal Lobe Epilepsy Network

NR380-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Noninvasive Prediction of IDH1 and ATRX Mutation in Low-Grade Gliomas Using Multi-Parametric MR Radiomic Features

NR381-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Brain Derived Neurotrophic Factor (Val66Met) Predicts Structural White Matter and Neurocognitive Alterations in Mild Traumatic Brain Injury: A Combined Genotype-Tensor Based Analysis

NR382-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Treatment-Naïve First Episode Depression Diagnosis Based on Brain Functional Network

NR383-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Susceptibility-Weighted Angiography (SWAN) for the Detection of Vessel Wall Calcification and Intramural Hemorrhage/Hematoma in Intracranial Vertebral Arteries

NR384-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Computed Tomographic Angiography and Perfusion Select Patients with Large Vessel Occlusion for Endovascular Treatment

NR385-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Age Related Changes in Topological Properties of Brain Functional Network and Structural Connectivity

NR386-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Comparison of Morphology and Enhancement Characteristics of Ectopic and Eutopic Parathyroid Adenomas.

NR387-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
T1rho of Malignant Gliomas Can Be a Biomarker of IDH1 and ATRX Immunohistochemical Stainability

NR388-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Source Space MEG Delta Waves Increase Following Concussion

NR389-SD-MOB8 (Mon, 12:45-1:15 PM, Station #8)
The Value of Histogram-Based ADC Map in Distinguishing Pleomorphic Adenomas from Malignant Parotid Gland Tumors

NR390-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Deep Learning for Automatic Detection and Segmentation of Acute Epidural and Subdural Hematomas in Head CT

NR392-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
CTA Findings Predictive of Postoperative Vasospasm in Patients with SAH secondary to Ruptured Intracranial Aneurysm

NR393-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Is MRI-based Deep Brain Stimulation (DBS) Programming the New Clinician?

NR394-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
The Predictive Value of Lumbar Spine MRI Findings Using the Provocative Discogram

NR395-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Prediction of IDH-1 Mutation and 1P/19Q Codeletion Status in Diffuse Gliomas Using Magnetic Resonance Textural Analysis

NR396-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Event-Based Model of Diffusion MRI Shows that sCJD Strains Have Similar Epicenter but Different Lesion Propagation in the Brain

NR397-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Fast, Robust and Accurate Segmentation of the Complete Cerebral Vasculature in 4D-CTA Using Deep Learning

NR398-SD-TUA8 (Tue, 12:15-12:45 PM, Station #8)
Machine Learning Based Radiomics for Glial Tumor Classification

NR399-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Utility of Contrast-Enhanced Ultrasound in Preoperative Evaluation of Primary Hyperparathyroidism

NR400-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Detection of Local Recurrence in Patients with Head and Neck Squamous Cell Carcinoma Using Voxel-Based Color Maps of Initial and Final Area under the Curve Values Derived From DCE-MRI

NR401-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Amide Proton Transfer Imaging in the Head and Neck: A Feasibility Study for Differentiating Malignant from Benign Lesions

NR402-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Cervical Spondylotic Myelopathy: Changes of Fractional Anisotropy and Magnetic Resonance Spectroscopy Dependent on Symptoms and Symptom Duration

NR403-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Grading Meningiomas Using Mono-Exponential, Bi-Exponential and Stretched Exponential Model-Based Diffusion-Weighted MR Imaging

NR404-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Correlation of 99mTc-TRODAT-1 SPECT Imaging Findings and Clinical Staging of Parkinson's Disease

NR405-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Identification of Autism Spectrum Disorder Using Deep Learning

NR406-SD-TUB8 (Tue, 12:45-1:15 PM, Station #8)
Prediction of Clinical Outcome of Acoustic Neuromas Treated with Cyberknife Stereotactic Radiosurgery Using a Radiomic Approach: A Preliminary Study

NR407-SD-TUB9 (Tue, 12:45-1:15 PM, Station #9)
Diffusion Tensor and DSC Perfusion Imaging of CNS Lymphoma: A Comparison with Glioblastoma Multiforme

NR408-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Peritumoral Bone Change in Oral Squamous Cell Carcinoma: A Prospective Study Through Radiologic-Pathologic Correlation

NR409-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
MRI Quantitative Phantom Study of OMAR/SEMAC Metal Suppression for Spine Instrumentation at 3T

NR410-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
The Filter Back Projection Revisited: The Sharp Filter Kernel Improve the Visualization of the Adamkiewicz Artery in Low-kV CT Angiography

NR411-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Initial Clinical Experience of Synthetic MRI as a Routine Neuroimaging Protocol in Daily Practice: A Single-Center Study

NR412-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Predicting Hemorrhagic Transformation by 3DpCASL Following Acute Stroke in Patients with Good Collateralization

NR413-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
An fMRI Study of Expert Radiologists and Non-Radiologists

NR414-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Deep Learning for Acute Ischemic Stroke on Diffusion-Weighted MR Imaging

NR415-SD-WEA8 (Wed, 12:15-12:45 PM, Station #8)
Artifact Reduction for Spectral Imaging Using a Three-state Projection-based Metal Artifact Reduction Algorithm

NR416-SD-WEA9 (Wed, 12:15-12:45 PM, Station #9)
Evaluation of Accumulation of The Gadolinium-based Contrast Agents on Brain Tissues of Subjects With No Brain Abnormalities Using Quantitative Mapping of Susceptibility and Gray Matter Tissue Volume

NR417-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
CT Head Intracranial Hemorrhage Detection with Deep Learning: Experience with 9 Million Images

NR418-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Comparison of Compressed Sense and Conventional Technique for Magnetic Resonance Imaging of Brain in Paediatric Population

NR419-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Clinical Feasibility of 2 Minutes Ultrafast Brain MRI and MR Angiography Compared With Synthetic Brain MRI and Conventional MR Angiography: A Single Center Pilot Study

NR420-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Non-Contrast ASPECTS Region Density Predicts Final Infarction in Acute Ischemic Stroke

NR421-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Acute Thrombectomy in the Ageing Population: A Retrospective Analysis of Radiological and Clinical Outcomes in Acute Thrombectomies Performed in Patients 80 Years and Older With an Intention to Treat Analysis

NR422-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Feasibility of Dual-Layer Detector Spectral CT-Derived Iodine Quantification for Focal Thyroid Lesions: A Pilot Study

NR423-SD-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Synthetic Brain MRI Obtained from T1 and T2 Imaging

NR424-SD-WEB8 (Wed, 12:45-1:15 PM, Station #8)
Impact of Brain Tumors and Radiotherapy on the Presence of Gadolinium in the Brain After Repeated Administration of Gadolinium Based Contrast Agents: An Experimental Study on Rats

NR425-SD-WEB9 (Wed, 12:45-1:15 PM, Station #9)
Functional Connectivity rsfMRI Study of Chess Experts and Novices

NR426-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Gadolinium and Ferumoxytol Contrast Agents Given in the Same Imaging Session for Brain MRI: Is It Feasible?

NR427-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
MAGnetic Resonance Image Compilation (MAGIC): Is It Trustworthy?

NR428-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Automatic Generation of Synthesized Perfusion Maps from Multimodal MRI using a Deep Neural Network based Learning Scheme: A First Step Towards Quantification of Ktrans, Permeability, and Susceptibility Artifacts

NR429-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Incidence and Clinical Implications of FLAIR Signal Abnormality in the Internal Jugular Vein and Transverse and Sigmoid Sinuses on Brain MRI

NR430-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Basic Consideration of the Facial Aging: Anatomic and MR Imaging Analysis of the Nasolabial Fold (NLF)s

NR431-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Application of Textural Analysis Method for Distinguishing Benign and Malignant Thyroid Nodules with Circinate Macrocalcification on CT Images

NR432-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Prediction of High Amyloid Deposition in Non-Demented Elderly Subjects Using a Marketed Volumetric Software Tool

NR433-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Evaluation of Verbal Memory in Low-Grade Glioma Patients with F-MRI N-Back Paradigm

NR434-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Progressive White Matter Changes in Corticospinal Tracts in Different Clinical Stages of Patients with Amyotrophic Lateral Sclerosis

NR435-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Multimodality Sound Touch Elastography May Add a New Method to Ultrasound Evaluation of Thyroid cancer

NR436-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Heritability of Perivascular Space in Healthy Young Adult Twins: Evidence from the Human Connectome Project Database

NR437-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Voxel-based Simultaneous Analysis of Magnetic Susceptibility and Morphometry Using Magnetization-Prepared Spoiled Turbo Multiple Gradient Echo

Nuclear Medicine

NM001-EB-X (Hardcopy Backboard)

The Sum of Two Powers: High Resolution Breast PET with Mammography Fusion

NM002-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)

The Renaissance of Thallium SPECT in Neuro-Oncology: A Pictorial Review of Radiation Necrosis versus Tumour Recurrence

NM003-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)

Signs and Artifacts in Amyloid PET Imaging

NM100-ED-X (Digital Education Exhibit)

A Pictorial Review of Arthritis on FDG-PET/CT: Key Features and Uptake Patterns for Differential Diagnosis

NM101-ED-X (Digital Education Exhibit)

Incidental Hematopoietic Retroperitoneal Mass: Hands off! Proposal of a Non-Invasive Diagnostic Approach and Review of the Literature

NM102-ED-X (Digital Education Exhibit)

"Wild & Crazy" Musculoskeletal Scintigraphy - The Bones and Beyond: A Quiz-based Approach

NM103-ED-X (Digital Education Exhibit)

Imaging of Merkel Cell Carcinoma: What Imaging Experts Should Know

NM104-ED-X (Digital Education Exhibit)

Spectrum of Benign Bone and Soft Tissue Findings on Sodium-Fluoride (NaF) PET

NM105-ED-X (Digital Education Exhibit)

Emerging Clinical Use of Technetium-99m Pyrophosphate Scintigraphy for Diagnosing Transthyretin-Related Cardiac Amyloidosis: What the Radiologist Needs to Know

NM106-ED-X (Digital Education Exhibit)

Congenital Heart: Role of Split Dose Ventilation-Perfusion Scan in the Bidirectional Glenn and Fontan Completion Patient

NM107-ED-X (Digital Education Exhibit)

A Comprehensive Review of the Valuable Role of Nuclear Myocardial Perfusion Imaging in Children with Heart Conditions

NM108-ED-X (Digital Education Exhibit)

Multimodality Imaging of Dementia Patients: Clinical Importance and Role of Integrated Anatomic and Molecular Imaging

NM109-ED-X (Digital Education Exhibit)

Needle in the Hay: The Role of F-CHOLINE PET CT Scan in the Detection of Ectopic Parathyroid Tissue

NM110-ED-X (Digital Education Exhibit)

PET/MRI Staging and Restaging Pediatric Lymphoma and Sarcoma in Less Than 30 Minutes-Initial PET/MRI Experience in a Stand-Alone Children Hospital

NM111-ED-X (Digital Education Exhibit)

Nuclear Medicine Myocardial Perfusion Studies: A Glance Beyond Coronary Abnormalities

NM112-ED-X (Digital Education Exhibit)

Evaluation of the Shielding Ability of Radiological Shielding Materials in Nuclear Medicine Including Annihilation Radiation

NM113-ED-X (Digital Education Exhibit)

Many Hands Make Light Work-99mTc-MDP Bone SPECT/CT Scintigraphy of the Hands and Wrists: Pearls and Pitfalls

NM114-ED-X (Digital Education Exhibit)

Treatment Related Changes on PET/CT: Imaging Patterns

NM115-ED-X (Digital Education Exhibit)

CT and PETCT Detection of Tumor Thrombus in Various Atypical Malignancies and Their Incidence

NM116-ED-X (Digital Education Exhibit)

Clinical PET Imaging in Pediatric Brain Tumors

NM117-ED-X (Digital Education Exhibit)

FDG PET/CT Imaging in Systemic Autoimmune Disease

NM118-ED-X (Digital Education Exhibit)

The Peak of the Uptake: 68Ga-PSMA PET-CT in Prostate Cancer, Correlation Between Levels of PSA and Pattern of Dissemination Through a Semi-Quantitative Scale

NM119-ED-X (Digital Education Exhibit)

Current Status and Future Perspective of Molecular Imaging Studies in Prostate Cancer

NM120-ED-X (Digital Education Exhibit)

Differentiated Thyroid Carcinoma Radioiodine Refractory Patients: How Can FDG-PET/CT Help in the Theranostic Era?

NM121-ED-X (Digital Education Exhibit)
Pearls and Pitfalls of PET/CT in Infection and Inflammation: Be Aware!

NM122-ED-X (Digital Education Exhibit)
Is There A Role for 18F-FDG-PET/CT in the Evaluation of Neuroendocrine Tumors in the DOTATATE Era?

NM123-ED-X (Digital Education Exhibit)
Pearls, Pitfalls, Interpretative Criteria and Utility of F18-Flucicoline PET CT and Prostate MRI in Biochemically Recurrent Prostate Cancer - A Case Based Review

NM124-ED-X (Digital Education Exhibit)
Look at the Top Before You Sign Off: Incidental Intracranial Findings on Whole Body FDG PET/CT Scans Obtained for Non-CNS Malignancies

NM125-ED-X (Digital Education Exhibit)
Pearls and Pitfalls of Quantitative Software Analysis of Dopamine Transporter Single Photon Emission Computed Tomography for Parkinsonian Syndromes

NM126-ED-X (Digital Education Exhibit)
Beyond a Needle and a Hot Spot: Biopsy of Osseous Lesions Identified on PET

NM127-ED-X (Digital Education Exhibit)
Non-Prostatic Diseases on PSMA-PET Imaging: A Spectrum of Benign and Malignant Findings

NM128-ED-X (Digital Education Exhibit)
Experience and Clinical Benefit of SPECT CT for Sentinel Node Biopsy in Oral Cavity SCC

NM129-ED-X (Digital Education Exhibit)
68Ga-DOTATATE PET Neuroimaging: A Case-Based Pictorial Review

NM130-ED-X (Digital Education Exhibit)
Precision Medicine: Y 90 Therasphere and Sirsphere Tumor Targeting in Liver Hepatocellular Carcinoma

NM131-ED-X (Digital Education Exhibit)
The Hunt is On: Finding the Culprit in Patients with Hyperparathyroidism

NM132-ED-X (Digital Education Exhibit)
Forget Something? Update and Review on Dementia and Parkinson's Disease Nuclear Medicine Imaging

NM133-ED-X (Digital Education Exhibit)
Indium-111 WBC and Gallium-67 Citrate SPECT/CT Evaluation of Infection: A Head-To-Toe Case-Based Review

NM134-ED-X (Digital Education Exhibit)
Normal Variants and Abnormal Patterns of Pancreatic Uptake on Ga-68 DOTATATE PET/CT

NM135-ED-X (Digital Education Exhibit)
Update on Hodgkin's Disease from a Radiology Perspective

NM136-ED-X (Digital Education Exhibit)
FDG-PET Evaluation of Cardiac Sarcoidosis: Technique, Diagnosis, and Extracardiac Findings

NM137-ED-X (Digital Education Exhibit)
Scintigraphic Presentation of Benign Bone Lesions in Children

NM138-ED-X (Digital Education Exhibit)
PET/CT Imaging of Tumor Response and Immune-Related Side Effects of Checkpoint Inhibitor Therapy in Cutaneous Melanoma

NM139-ED-X (Digital Education Exhibit)
Patterns of Lung Cancer Recurrence on 18F-FDG PET/CT: Loco-Regional and Distant Disease

NM140-ED-X (Digital Education Exhibit)
The Peritoneum: What Nuclear Radiologists Need to Know

NM141-ED-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Oncologic Applications of 18F-Fluorodopa: Current Concepts on a Case-Based Approach

NM142-ED-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Clinical Pediatric PET/MR Program: A Guide to Successful Implementation

NM143-ED-MOB5 (Mon, 12:45-1:15 PM, Station #5)
The Many Faces of Parathyroid Adenoma - Approach to Multimodality Imaging in Challenging Cases

NM144-ED-TUA6 (Tue, 12:15-12:45 PM, Station #6)
The Utility of PET/MR in Head and Neck Cancer

NM145-ED-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Lymphoscintigraphy in Cutaneous Melanoma: Usual and Unexpected Pathways of Lymphatic drainage

NM146-ED-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Our First Year with Gallium-68 DOTATATE PET/CT: Lessons Learned Through RAD-PATH Correlation and Potential Pitfalls

NM147-ED-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Peptide Receptor Radionuclide Therapy (PRRT): Update

NM148-ED-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Immunotherapy in Oncology: Image Evaluation of the Adverse and Toxic Effects of Checkpoint Inhibitors

NM149-ED-THA6 (Thu, 12:15-12:45 PM, Station #6)
'A Burning Issue:' The Utilization of Tc-99m MDP Bone Scan with SPECT/CT in the Burn Unit

NM150-ED-THB6 (Thu, 12:45-1:15 PM, Station #6)
Theranostic Imaging of Prostate Cancers: 68Ga PSMA PET/CT / 177Lu PSMA Radionuclide Therapy

NM200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Evaluation of a Fast Protocol for Staging Patients with Bronchial Cancer Using PET/MRI

NM201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Value of Quantitative Parameters and Metabolic Heterogeneity of 18F-FDG PET/CT to Predict Prognosis in Patients with Primary Oropharyngeal Carcinoma

NM202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Role of Tri-PET in Managing Indolent Lymphomas

NM203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Quantitative Assessment of Aging and Long-Term Interval Changes on Lung FDG Uptake with using PET/CT Imaging

NM204-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Global Analysis of FDG and PiB PET and the Assessment of Joint FDG+PiB Image Analysis of 107 Deceased Dementia Patients in Comparison to Their Autopsy-Verified Diagnoses

NM205-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
68Ga-Labelled PSMA-11 PET/CT in Prostate Cancer Patients for Primary Staging and Localization of Biochemical Relapse

NM206-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Acquisition Protocol Optimization for 68Ga-PSMA PET/MR Studies Based on Image Quality and Lesion Detectability

NM207-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Global Metabolic Activity of the Rectus Abdominis Muscle with 18F-FDG-PET/CT: Emphysema Patients versus Control Subjects

NM208-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Is there a Correlation Between Levels of PSA and SUVmax Values in Patients Evaluated with [68Ga]PSMA PET/CT to be Applied in Prostatic Cancer Patient Follow Up and as a Prognosis Factor?

NM209-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
18F-Alfatide PET/CT in Assessment of Locoregional Lymph Nodes in Thoracic Esophageal Squamous Cell Cancer: Comparison with 18F-FDG PET/CT

NM210-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Correlation of Simultaneously-Acquired SUV of 18FDG and Apparent Diffusion Coefficient in Soft Tissue and Bone Tumors Using Voxel-By-Voxel Analysis

NM211-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Elucidating Mechanisms of Acute Sports Concussion with PET/MRI

NM212-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Added Value of 68Ga-Psma Ligand PET/CT over Low-Dose CT in Characterization of Skeletal Lesions in Prostate Cancer: A Retrospective Insight

NM213-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Intraindividual Comparison of Subsequently Performed PET/MRI to PET/CT for Whole-Body Staging: Results of a Unicenter Trial in 1000 Patients

NM214-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Treatment of Castration-Resistant Prostate Cancer with Radium-223 Dichloride: A Clinical Experience

NM215-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Comparing F18-Fluorodeoxyglucose Positron Emission Tomography with MRI (F18-FDG PET-MRI), F18-FDG PET-CT and MRI Imaging for Staging and Restaging of Head and Neck Cancer (HNC)

NM216-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Whole-body Staging Concept of Patients with Temporal Lobe Epilepsy Using Hybrid [(18) FDG] - PET/MRI

NM217-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Radiation Dose Reduction of PET-CT Scans by Adjusting F18-FDG Dose Based On Patient BMI and Modifying Low-Dose CT Protocol

NM218-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Controlled Technique of F18 FDG Dose Reduction for Digital Photon Counting PET/CT Using List Mode Data Truncation

NM219-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Correlation of Immunohistochemical Parameters, Apparent Diffusion Coefficient (ADC) and Standardized Uptake Value (SUV) in Lung Cancer Using Hybrid PET/MRI

NM220-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
PET/3-T MRI in Locally Advanced Rectal Cancer: Role of SUV and ADC Volumetric Histograms-Based Analyses in Predicting the Tumor Regression Grade After Preoperative Chemoradiotherapy

NM221-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
The Role of 18F-FDG SPECT/CT in Predicting EGFR Gene Mutation Status in Lung Adenocarcinoma

NM222-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
To Evaluate the Unknown Primary Site of Tumour with 68Ga-DOTATOC PET/CT in Patients with Known Metastatic Neuroendocrine Tumor

NM223-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Effects of New Block Sequential Regularized Expectation Maximization (BSREM) Reconstruction Algorithm on SUVmax, MTV, and Changes of SUVmax on FDG PET-CT Before and After Neoadjuvant Chemotherapy in Patients with Esophageal Cancer

NM224-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Time Course Change and Reproducibility of 18F-FAZA in the Patient with Head and Neck Squamous Cell Carcinoma

NM225-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Are Staging F-18-FDG PET/MRI Radiomic Features Associated with Metastases in Cancer of the Gastro-Esophageal Junction?

NM226-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Impact of Different Iterative Metal Artifact Reduction (iMAR) Algorithms on PET/CT Attenuation Correction in Artifacts After Port Implantation

NM227-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Essential Information Which Helps to Reduce Negative FDG PET-CT Study in Investigating Large Vessel Vasculitis

NM228-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Comparing TNM Staging Adequacy and Processing Time of Structured Reports versus Fully Segmented and Annotated PET/CT Data of Non-Small Cell Lung Cancer

NM229-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
To Evaluate the Role of FDG PET/CT in Patients with Cutaneous Squamous Cell Carcinoma for Initial Staging

NM230-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Implications of Empiric I-131 Activity Administration to Treat Thyroid Cancer in Patients with Abnormal Renal Function

NM231-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Variability of Cold-Activated Brown Adipose Tissue Depends on Thermoregulatory Brain Network

NM232-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Comparing Osseous Lesions on 11C-Choline PET/CT and MRI in Prostate Cancer

NM233-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Comparison of Different Metal Artifact Reduction (MAR) Techniques in 18F-FDG PET/CT Examinations: How Do They Impact Attenuation Correction in Metal Implants?

NM234-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Prognostic Utility of Semi-Quantitative Metrics from Pre-Treatment F-18 FDG PET/CT of Ewing Sarcoma

NM235-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Clinical Features of Secondary Primary Malignancies in Patients with Differentiated Thyroid Cancer Treated by Radioactive Iodine

NM236-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Correlation of 11C-4DST Uptake with Isocitrate Dehydrogenase 1 Mutation in Patients with Gliomas in Comparison with 18F-FLT Uptake

NM237-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Diagnostic Accuracy of Combined 123I-MIBG Scintigraphy and 123I-FP-CIT SPECT in the Differential Diagnosis of Degenerative Parkinsonism

NM238-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
18F-FDG PET/CT Postoperative Changes after
Maxillectomy: Findings and Pitfalls in Interpretation

NM239-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Impact of Patient Comfort on Diagnostic Image Quality
during PET/MR Exam: An Objective Survey Study for
Clinical Workflow Management

NM240-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Evaluating the Role of 68Ga-PSMA PET/CT Imaging
in Predicting Intraprostatic Tumor Extent of Tumor
Involvement Prior to Various Surgical Protocols in Patients
with Known or Diagnosed Prostatic Cancer

NM241-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
The Iodine/FDG "Flip-Flop" Phenomenon is Ambiguous
in Bone Metastasis from Thyroid Cancer: Significant FDG
Uptake is Observed Even in Iodine-Positive Lesions

NM242-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Size of Detectable Melanoma Metastases to Brain

NM243-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Evaluating the Role of 18F-FDG PET/CT in Diabetic Foot

NM244-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Comparison of TNM Stage Evaluation Capability among
Whole-Body MRI at 1.5T and 3T MR Systems, PET/MRI at
1.5T and 3T MR Systems and PET/CT in Non-small Cell
Lung Cancer Patients

NM245-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Hyperintense Rim Sign on MRI STIR as a Diagnostic
Correlate of Dermal Backflow on Lymphoscintigraphy in
Patients with Upper Extremity Lymphedema

Obstetrical Imaging

OB001-EB-X (Hardcopy Backboard)
Hide and... Sick? The Importance of MR Imaging When 'Seeking' Fetal Kidney Anomalies

OB002-EB-X (Hardcopy Backboard)
Cervical Carcinoma: Spectrum of Late Post-Irradiation Complications

OB003-EB-X (Hardcopy Backboard)
MRI of Rare Ovarian Tumors: Method to Become Your Surgeon's Best Friend

OB004-EB-X (Hardcopy Backboard)
Uterine Sarcoma: The Contemporary Imaging Features

OB005-EB-X (Hardcopy Backboard)
Multiparametric Imaging in Indeterminate Adnexal Masses: A Frequent Problem with Efficient Solutions

OB100-ED-X (Digital Education Exhibit)
Multi-Modality Imaging of Gynecologic Lymphoma: Diagnostic Clues and Mimics

OB101-ED-X (Digital Education Exhibit)
All That Glitters with Diffuse Low-Level Echoes is Not Endometriosis

OB102-ED-X (Digital Education Exhibit)
Primary Lymphoma of the Female Genital Tract

OB103-ED-X (Digital Education Exhibit)
Postoperative Imaging Findings After Extensive Laparoscopic Surgery for Deeply Infiltrating Endometriosis in Infertile Women: Transvaginal Sonography After Bowel Preparation, Pelvic MRI, and Laparoscopic Correlation

OB104-ED-X (Digital Education Exhibit)
3D Hysterosonography: A New Technology for Uterine Evaluation in Infertile Women

OB105-ED-X (Digital Education Exhibit)
MRI as a Problem-Solving tool in Pregnancy Related Uterine Complications

OB106-ED-X (Digital Education Exhibit)
Metastatic Ovarian Tumors: Imaging Findings with New Concepts

OB107-ED-X (Digital Education Exhibit)
Two for the Price of One: Not Always a Bargain!

OB108-ED-X (Digital Education Exhibit)
Fat-Containing Lesions in the Female Pelvis

OB109-ED-X (Digital Education Exhibit)
Demystifying Bowel Endometriosis with the Help of Multimodal Imaging

OB110-ED-X (Digital Education Exhibit)
Mayer-Rokitansky-Küster-Hauser Syndrome: A Resident's Primer

OB111-ED-X (Digital Education Exhibit)
Imaging Features of Leiomyoma in the Genitourinary Tract: Beyond the Uterus

OB112-ED-X (Digital Education Exhibit)
MRI in Placenta Accreta: A Primer for Residents

OB113-ED-X (Digital Education Exhibit)
Pelvic Floor Failure on MR and CT Imagings: Cystcele, Rectocele/Rectal Prolapse, Genital Prolapse and Pelvic Floor Relaxation

OB114-ED-X (Digital Education Exhibit)
Multimodality Imaging of Acute Locoregional and Systemic Complications in the Setting of Assisted Reproduction

OB115-ED-X (Digital Education Exhibit)
Spectrum of Smooth Muscle Tumors in the Female Pelvis: Radiology-Pathology Correlation

OB116-ED-X (Digital Education Exhibit)
Gynecologic Tumor Board: A Radiologist's Guide to Vulvar and Vaginal Malignancies

OB117-ED-X (Digital Education Exhibit)
Spectrum of Cystic Lesions in the Female Pelvis at MRI: A Simplified Classification and Approach

OB118-ED-X (Digital Education Exhibit)
But...She's Pregnant! Appropriate Use of CT and CT Alternatives During Pregnancy to Protect Both Mom and Fetus

OB119-ED-X (Digital Education Exhibit)
Imaging of Morbidly Adherent Placenta and Its Current Management Within a Multidisciplinary Framework: Experiences from a Tertiary Referral Centre

OB120-ED-X (Digital Education Exhibit)
Multi-Modality Imaging of Gynecologic Malignancy: What the Radiation Oncologist Needs to Know

OB121-ED-X (Digital Education Exhibit)
Fetal Hepatomegaly: Causes and Associations

OB122-ED-X (Digital Education Exhibit)
Endometriosis: What the Gynecologist Wants to Know

OB123-ED-X (Digital Education Exhibit)
Leiomyoma or Leiomyosarcoma: BETTER Check!

OB124-ED-X (Digital Education Exhibit)
The Signet Ring Effect: Pathophysiology and Imaging Features of Krukenberg Tumors

OB125-ED-X (Digital Education Exhibit)
MR Imaging of Solid Ovarian Masses with Emphasis on Diffusion Weighted Imaging and MR Spectroscopy

OB126-ED-X (Digital Education Exhibit)
Placental Adhesion Disease: MRI Assessment and a Comprehensive Review

OB127-ED-X (Digital Education Exhibit)
Adnexal Torsion: Can Normal Doppler Exclude the Twist Always? Role of MRI?

OB128-ED-X (Digital Education Exhibit)
Cesarean Delivery Complications: "Cesarean Scar Defect" (CSD) and Much More, What Radiologists Should Know

OB129-ED-X (Digital Education Exhibit)
'Floating loops' Sonographic Evaluation of Gastroschisis - US Signs that Mark Prognosis

OB130-ED-X (Digital Education Exhibit)
Tumor and Tumor-Like Ovarian Lesions: Uncommon Imaging Findings and Rare Pathological Entities

OB131-ED-X (Digital Education Exhibit)
All Eggs in the Basket: Imaging Primer for Polycystic Ovarian Syndrome

OB132-ED-X (Digital Education Exhibit)
Endovaginal Ultrasound Evaluation of Endometriosis: Looking Beyond the Endometrioma

OB133-ED-X (Digital Education Exhibit)
Approach to the First Trimester Pregnancy: Self Knowledge Assessment of the SRU Diagnostic Criteria for Nonviable Early Pregnancy

OB134-ED-X (Digital Education Exhibit)
Location, Location, Location! Review of First Trimester Pregnancy Locations - Normal and Abnormal

OB135-ED-X (Digital Education Exhibit)
Essentials of Fetal MRI: What Radiologists Need to Know

OB136-ED-X (Digital Education Exhibit)
Solving the Problem: The Role of Multiparametric 3T MRI in the Characterization of Sonographically Indeterminate Adnexal Masses - Radiologic-Pathologic Correlation

OB137-ED-X (Digital Education Exhibit)
MR Diagnosis of Cystic Lesions of the Vulvo-Vaginal Region

OB138-ED-X (Digital Education Exhibit)
When You Can Suspect a Smooth Muscle Tumor of Uncertain Malignant Potential STUMP? A Difficult Diagnosis Prior to Surgery

OB139-ED-X (Digital Education Exhibit)
Extremely High Risk Pregnancies: What Obstetricians Need to Know

OB140-ED-X (Digital Education Exhibit)
Problematic Adnexal Masses: Pitfalls and Pearls on Cross Sectional Imaging

OB141-ED-X (Digital Education Exhibit)
Learning How to Study the Fetal Posterior Fossa by MR

OB142-ED-X (Digital Education Exhibit)
MRI of the Surgical Placenta

OB143-ED-X (Digital Education Exhibit)
Solid, Predominantly Solid, and Pseudo-Solid Lesions of the Ovary

OB144-ED-X (Digital Education Exhibit)
Complications of Endometrial Ablation: What the Radiologist Needs to Know

OB145-ED-X (Digital Education Exhibit)
Tissue Characterization in Ovarian Tumors by Means of Advanced MR Imaging: Comprehensive Diagnostic Strategy for Ovarian Tumors

OB146-ED-X (Digital Education Exhibit)
Seven Major Pitfalls in Gynecologic MRI: How to Avoid Falling into a Pit

OB147-ED-X (Digital Education Exhibit)
Magnetic Resonance Imaging in the Evaluation and Management of Patients with Granulosa Cell Ovarian Tumors - Radiologic-Pathologic Correlation

OB148-ED-X (Digital Education Exhibit)
CT and MRI feature of Pregnancy-Related Genital Bleeding

OB149-ED-X (Digital Education Exhibit)
An Elusive Disease: What is the Gestational Trophoblastic Disease? Are there Any Specific Radiologic Feature?

OB150-ED-X (Digital Education Exhibit)
Saline Infusion Sonohysterosalpingography Revisited: A Primer for the Radiologist

OB151-ED-X (Digital Education Exhibit)
Ultrasound and Magnetic Resonance Imaging in the Management of Non-Obstetric Abdominal Pain in Pregnant Patients

OB152-ED-X (Digital Education Exhibit)
High-Resolution Diffusion-Weighted Imaging in the Pelvis and Abdomen: Is It Useful for Clinical Practice?

OB153-ED-X (Digital Education Exhibit)
Pelvic Inflammatory Disease: Essentials of Imaging

OB154-ED-X (Digital Education Exhibit)
Adnexal Cyst Ultrasound Classification Systems: Evidence, Gaps, and Future Directions

OB155-ED-X (Digital Education Exhibit)
Outside the Norm: Tips for Diagnosis and Management of Uncommon Pelvic Ultrasound Findings

OB156-ED-X (Digital Education Exhibit)
Postmenopausal Women Pelvic Ultrasound: A Pictorial Review of Normal and Pathologic Sonographic Appearances

OB157-ED-X (Digital Education Exhibit)
What's That Mass in the Pelvis? Is It An Ovary? Is It a tumor? No, It's Just a Fibroid!

OB158-ED-X (Digital Education Exhibit)
Ovarian Germ Cell Tumors: A Diagnostic Primer for Reporting Radiologists

OB159-ED-X (Digital Education Exhibit)
A Trainee's Guide to Ovarian Emergencies in the ED

OB160-ED-X (Digital Education Exhibit)
Countdown to Rupture: Identification of Characteristic Transvaginal Ultrasound Findings for Different Presentations of Ectopic Pregnancy Before Life Threatening Complications

OB161-ED-X (Digital Education Exhibit)
Combined Screening for Aneuploidy and Genetic Syndromes: An Update

OB162-ED-X (Digital Education Exhibit)
Ready to POP: Imaging Pelvic Organ Prolapse

OB163-ED-X (Digital Education Exhibit)
Why Are Uterine Adenomyomas Frequently Omitted or Misdiagnosed on Routine MRI?

OB164-ED-X (Digital Education Exhibit)
All You Need to Know About Ovarian Lesions and Were Afraid to Ask

OB165-ED-X (Digital Education Exhibit)
MRI of Endometrial Cancer: From the Inside Out

OB166-ED-X (Digital Education Exhibit)
Choriocarcinoma: What Every Radiologist Needs to Know

OB167-ED-X (Digital Education Exhibit)
Non-Ovarian Cystic Pelvic Masses: An Approach to Accurate Diagnosis

OB168-ED-X (Digital Education Exhibit)
Adnex-Ah! A Step-Wise Guide to Diagnosing and Reporting an Adnexal Mass on Cross-Sectional Imaging

OB169-ED-MOA1 (Mon, 12:15-12:45 PM, Station #1)
An Illustrated Guide to Obstetrical & Gynecologic Surgical Procedures for Radiologists

OB170-ED-SUA2 (Sun, 12:30-1:00 PM, Station #2)
The Fetus Unzipped: Understanding Anterior Body Wall Defects

OB171-ED-X (Digital Education Exhibit)
New Frontier: The Role of the Radiologist in Uterine Transplantation

OB172-ED-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Imaging Spectrum of Vaginal Pathologies

OB173-ED-SUB2 (Sun, 1:00-1:30 PM, Station #2)
ACR O-RADS MRI Lexicon and Risk Stratification Scheme

OB174-ED-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Fetal Posterior Fossa Anomalies: Don't Get Left Behind

OB175-ED-X (Digital Education Exhibit)
Uterine Vascular Pathologies: An Imaging Perspective

OB176-ED-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Multimodality Spectrum of Imaging Findings in Ovary Torsion: Radiological-Pathological Correlation

OB177-ED-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Congenital Spine Malformations: Review of Fetal and Postnatal Ultrasound and MRI

OB178-ED-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Technical Considerations and Pathology of Hysterosalpinography: More than Just 'Going with the Flow'

OB179-ED-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Multimodality Imaging of Ovarian Cystic Lesions: A Primer for Residents

OB180-ED-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Large Fetal Cervicofacial Masses: Diagnosis, Management, and Postnatal Outcome

OB181-ED-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Female Pelvic Inflammatory Disease: From Simple Salpingitis to Xanthogranulomatous Oophoritis

OB182-ED-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Current Concepts in Imaging of Endometrial Cancer

OB183-ED-TUB1 (Tue, 12:45-1:15 PM, Station #1)
The Elephant in the Womb: Approach to Classifying Uterine Fibroids

OB184-ED-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Role of CT, MRI, and PET-CT in Staging of Gynecological Malignancies

OB185-ED-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Ultrasound Diagnosis of Fetal Anomalies in the First Trimester

OB186-ED-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Double Trouble: Monochorionic Twin Pregnancy and Associated Complications

OB187-ED-WEB1 (Wed, 12:45-1:15 PM, Station #1)
The ACR Ovarian Reporting and Data System (O-RADS): A US Lexicon Training and Testing Module

OB188-ED-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Imaging Overview of Ovarian Epithelial Tumors: What the Radiologist Should Know

OB189-ED-THA1 (Thu, 12:15-12:45 PM, Station #1)
Adenomyosis: Imaging Findings, Differential Diagnosis, Response to Therapy, and a Proposition of a Classification for Clinical Use in Women of Reproductive Age

OB190-ED-THA2 (Thu, 12:15-12:45 PM, Station #2)
Radiologist, Be Aware: The Impact of MRI Findings of Fibroids on Gynecological Decision Making

OB191-ED-THB1 (Thu, 12:45-1:15 PM, Station #1)
Current Controversies in Polycystic Ovarian Syndrome: How Does Imaging Fit in with the Clinical and Laboratory Diagnosis?

OB192-ED-THB2 (Thu, 12:45-1:15 PM, Station #2)
Diagnostic and Therapeutic Strategy for Germ Cell Tumors of the Ovary

Pediatric Radiology

PD001-EB-X (Hardcopy Backboard)

Put Your Best Foot Forward: Mastering Radiographic Evaluation of Congenital Foot Deformities

PD002-EB-X (Hardcopy Backboard)

Musculoskeletal Lesions in the Pediatric Population: A Radiographic Review

PD003-EB-X (Hardcopy Backboard)

Early Experience of Ultra-High Resolution Ultrasound in the Pediatric Population: Pictorial Essay

PD004-EB-X (Hardcopy Backboard)

Pearls and Pitfalls on the Imaging Evaluation of CNS Tumors in Children

PD005-EB-X (Hardcopy Backboard)

Benefit of 3D Printed Tracheas as Aids for Management of Deformed Airway in Complex Surgery for Children

PD100-ED-X (Digital Education Exhibit)

State of Art Diffusion Tensor Imaging and Tractography of Pediatric Neuro-Oncology

PD101-ED-X (Digital Education Exhibit)

Post-Transplant Lymphoproliferative Disorder (PTLD) in Children: A 360-Degree Perspective

PD102-ED-X (Digital Education Exhibit)

The Use of F18-FDG-PET in Pediatric Patients with Soft Tissue Sarcoma at the Initial Staging and Therapy Planning: What Radiologists Need to Know

PD103-ED-X (Digital Education Exhibit)

Pediatric Head Ultrasound: How Close is it to MR and CT?

PD104-ED-X (Digital Education Exhibit)

Vascular Anomaly Imaging Mimics and Differential Diagnoses

PD105-ED-X (Digital Education Exhibit)

Pediatric Self-Limiting Tumors: Leave That Lump Alone!

PD106-ED-X (Digital Education Exhibit)

Pediatric Nasopharyngeal Carcinoma: Findings from Different Imaging Techniques

PD107-ED-X (Digital Education Exhibit)

Neurocristopathies: The Many Enigmatic Faces of Neural Crest Cell Derived Abnormalities

PD108-ED-X (Digital Education Exhibit)

Late Presentations of Sacrococcygeal Teratomas: Clinical and Imaging Dilemma

PD109-ED-X (Digital Education Exhibit)

Imaging of Pediatric Foot Alignment: Development, Pathology, and Management

PD110-ED-X (Digital Education Exhibit)

Cystic Neck Masses in the Fetal and Pediatric Population

PD111-ED-X (Digital Education Exhibit)

Spectrum of Imaging Findings in Neonates and Infants with Sensorineural Hearing Loss (SNHL) - Early Detection: The Key for a Better Outcome

PD112-ED-X (Digital Education Exhibit)

Transcutaneous Ultrasound: The "Zero-Radiation" and Easy to Perform Alternative Method to Evaluate Pediatric Tonsils and Their Pathology

PD113-ED-X (Digital Education Exhibit)

Twists and Turns of Upper Abdominal Viscera

PD114-ED-X (Digital Education Exhibit)

Disappearing Abdominal and Pelvic Masses in Neonates, Infants, and Young Children: What a Radiologist Should Know

PD115-ED-X (Digital Education Exhibit)

Fetal and Neonatal Head and Neck Masses: Multimodality Imaging in Diagnosis, Staging, and Prognosis

PD116-ED-X (Digital Education Exhibit)

Imaging of Craniovertebral Junction (CVJ): State-of-the-Art in Infants and Children

PD117-ED-X (Digital Education Exhibit)

Epiphyses, Apophyses, and Other Ossification Centers: A Radiologist's Guide to Precise Terminology for Normal Appendicular Skeletal Development

PD118-ED-X (Digital Education Exhibit)

Ventriculomegaly as a Telltale Sign of Congenital Central Nervous System Malformations: Findings in Fetal Magnetic Resonance Imaging

PD119-ED-X (Digital Education Exhibit)

Spinal Cord Ultrasonography: Anatomical Bases, Main Diseases, and Postoperative Control

PD120-ED-X (Digital Education Exhibit)
Pediatric Pelvic and Spine Osseous Tumors: Benign or Malignant?

PD121-ED-X (Digital Education Exhibit)
Neonatal Jaundice: A Multimodality Imaging Approach

PD122-ED-X (Digital Education Exhibit)
Pediatric Pre-op CTA of Supra-Cardiac TAPVD: Melbourne Royal Children's Hospital Experience

PD123-ED-X (Digital Education Exhibit)
Classic and Unusual Musculoskeletal Manifestations of Pediatric Hematologic Malignancy

PD124-ED-X (Digital Education Exhibit)
Skeletal Ciliopathies: A Pattern Recognition Approach and Latest Updates in Genetics that Radiologists Need to Know

PD125-ED-X (Digital Education Exhibit)
MRI Findings in Osteoid Osteoma

PD126-ED-X (Digital Education Exhibit)
Don't Forget the Pancreas in Pediatric Syndromes!

PD127-ED-X (Digital Education Exhibit)
Different Strokes for Different Folks: Imaging and Diagnosis in Childhood Stroke

PD128-ED-X (Digital Education Exhibit)
Primary Synovial Chondromatosis: A Pictorial Review of Pediatric Cases with Emphasis on Ultrasound

PD129-ED-X (Digital Education Exhibit)
Pelvic MRI in Postoperative Assessment of Patients with Congenital Anorectal Malformations: What the Surgeon Wants to Know

PD130-ED-X (Digital Education Exhibit)
See the Unseen: Pediatric Cerebral Venous Thrombosis - MR Pictorial Review

PD131-ED-X (Digital Education Exhibit)
Variation of Pediatric Neck Diseases: Reviewing the Basic Conditions

PD132-ED-X (Digital Education Exhibit)
Always Look Behind: Differential Diagnosis of the Congenital Posterior Fossa Abnormalities Based on Biometric Parameters in Neonatal MRI

PD133-ED-X (Digital Education Exhibit)
Acute Hip Pain in Children: Normal Variant or Pathologic?

PD134-ED-X (Digital Education Exhibit)
Juvenile Idiopathic Arthritis: Not Everything is Inflammation

PD135-ED-X (Digital Education Exhibit)
Patchy, Punctate, and Blooming: Spectrum of Appearance of Acute Disseminated Encephalomyelitis Lesions and Their Variants

PD136-ED-X (Digital Education Exhibit)
Aqueductal Stenosis: From the Fetus to the Adolescent

PD137-ED-X (Digital Education Exhibit)
Segmental Spinal Dysgenesis - 'Redefined'

PD138-ED-X (Digital Education Exhibit)
Imaging of Extrapulmonary Tuberculosis in Children

PD139-ED-X (Digital Education Exhibit)
Imaging of Proptosis in the Pediatric Population: An 'Eye Popping' Pictorial Review

PD140-ED-X (Digital Education Exhibit)
Role of Multiparametric Ultrasound in Diagnosis of Pediatric Scrotal Pathology

PD141-ED-X (Digital Education Exhibit)
Neck Masses in Children: Review for the Practicing Radiologist

PD142-ED-X (Digital Education Exhibit)
Tuberculosis in Pediatric Patients: From Head to Toe

PD143-ED-X (Digital Education Exhibit)
Pediatric Abdominal Handle Bar Injuries: Imaging Review

PD144-ED-X (Digital Education Exhibit)
Salivary Glands Lesions in Pediatrics: Mumps and Far Beyond

PD145-ED-X (Digital Education Exhibit)
Foreign Bodies Gone Wrong - Imaging Review of Pediatric Foreign Body Ingestion and Its Complications

PD146-ED-X (Digital Education Exhibit)
Enhanced Coronal Acquisition with Sagittal Excitation (ENCASE) Applications in Pediatric Body and Musculoskeletal MR

PD147-ED-X (Digital Education Exhibit)
High-Resolution US of Pediatric Superficial Soft Tissue Lesions

PD148-ED-X (Digital Education Exhibit)
Imaging Invasive Fungal Infections in Immunosuppressed Children

PD149-ED-X (Digital Education Exhibit)
Multimodality Imaging of Skeletal Dysplasia: What the Radiologist Needs to Know

PD150-ED-X (Digital Education Exhibit)
Developmental Dysplasia of the Hip: Clinical and Imaging Findings for Early Diagnosis and Treatment

PD151-ED-X (Digital Education Exhibit)
The Role of the Radiologist in Newborn Bowel Obstruction

PD152-ED-X (Digital Education Exhibit)
A Clinical-Radiological Approach to Acquired Pediatric Vertebral Collapse

PD153-ED-X (Digital Education Exhibit)
A Review of Pediatric Soft Tissue Calcifications

PD154-ED-X (Digital Education Exhibit)
From Mucous to Malignancy: A Pictorial Review of Pediatric Skull Base Lesions Involving the Sphenoid Bone

PD155-ED-X (Digital Education Exhibit)
Rhabdomyosarcoma and Other Soft Tissue Sarcomas in Children: Advanced Multiparametric MR Imaging

PD156-ED-X (Digital Education Exhibit)
Fetal Cardiac Imaging by MRI Using and External Gating Device: Technique, Pitfalls, Normal Cardiac Anatomy, and Examples of Cardiac Anomalies

PD157-ED-X (Digital Education Exhibit)
Prenatal Imaging of the Fetal Renal and Urinary Tract Malformations

PD158-ED-X (Digital Education Exhibit)
Magnetic Resonance Imaging in the Pediatric Population with Acute Abdominal Pain - An Image Based Primer

PD159-ED-X (Digital Education Exhibit)
In the Era of MRI Is There a Hole for Transperineal Ultrasound in the Diagnosis of Pediatric Genitourinary Malformations?

PD160-ED-X (Digital Education Exhibit)
White Matters: Inside Demyelinating Disease in Children

PD161-ED-X (Digital Education Exhibit)
Multimodal Imaging of Secondary Degeneration in Pediatric CNS Disease

PD162-ED-X (Digital Education Exhibit)
Big League Primer on Little League Injuries

PD163-ED-X (Digital Education Exhibit)
Rapid MRI as a Problem Solver in Challenging Cases of Pediatric Acute Abdominal Pain: Can You Make the Diagnosis?

PD164-ED-X (Digital Education Exhibit)
Children Interstitial Lung Disease (chILD): A Hint for the Radiologist

PD165-ED-X (Digital Education Exhibit)
'Bars as Barriers': Multimodality Approach for Imaging in Physal Bars - A Blueprint for Operating Surgeon

PD166-ED-X (Digital Education Exhibit)
Generalized Lymphatic Anomaly: Imaging Findings

PD167-ED-X (Digital Education Exhibit)
Sonography of Pediatric Respiratory System - Value of Laryngeal, Airway, Lung and Pleural Ultrasound

PD168-ED-X (Digital Education Exhibit)
All That Folds in - Folds Out: The Ins and Outs of Arthrogryposis Multiplex Congenita

PD169-ED-X (Digital Education Exhibit)
Clinical Applications of Digital Tomosynthesis with Low Radiation Dosage in Pediatric Patients

PD170-ED-X (Digital Education Exhibit)
Multi Detector Computed Tomography in the Evaluation of Childhood Interstitial Lung Diseases

PD171-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Pediatric Vasculitis: Multimodality Imaging Review

PD172-ED-X (Digital Education Exhibit)
Beyond the Basics: Advanced Thoracic Imaging Findings in Acute Complications of Sickle Cell Disease

PD173-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
Use of Intravenous Gadolinium Based Hepatocyte Specific Contrast Agents (HSCA) for Contrast Enhanced Liver MRI in Pediatric Patients - What the Radiologist Needs to Know

PD174-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
Unravelling the Troublesome Puzzle: A Comprehensive Imaging Review of Pediatric Intracranial Neurovascular Diseases

PD175-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)
Stridor in Children - What the Radiologist Should Know

PD176-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)
Cerebral Development and Malformations: Pathways, Genes, and Imaging Correlates

PD177-ED-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Adolescent Overhead Athlete: Anatomy, Physiology, and Pathophysiology

PD178-ED-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Fetal Cardiac MRI for Structural Congenital Heart Disease

PD179-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Dentate Nuclei Involvement in Pediatric CNS Conditions: Imaging and Clinicolaboratory Insights

PD180-ED-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Clinical and CT findings of Tracheal Agensis: Single Center Experience and Literature Review

PD181-ED-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Prenatal Imaging Findings in Anorectal Malformations

PD182-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)
Supratentorial Glioblastoma Multiforme in Children: Conventional and Advanced MRI Features

PD183-ED-TUA6 (Tue, 12:15-12:45 PM, Station #6)
To Improve is to Change, to Be Perfect is to Change Often: A Review of the Many Pediatric Urinary Tract Dilation Classifications Through Ultrasound History

PD184-ED-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Case Based Approach to Hindbrain Malformations

PD185-ED-TUA8 (Tue, 12:15-12:45 PM, Station #8)
When Animals Attack! What the Radiologist Needs to Know About Pediatric Animal Related Injuries

PD186-ED-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Rethinking ADEM: The Changing Landscape of Neuroinflammatory Disorders

PD187-ED-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Diffusion-Weighted Magnetic Resonance Imaging (DW-MRI) and Hybrid PET-MR for the Growing Skeleton: Normal Appearances, Pitfalls, Current Applications, and Limitations

PD188-ED-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Characterizing Pediatric Liver Masses and Mimics by MR: A Radiologist's Primer

PD189-ED-WEA7 (Wed, 12:15-12:45 PM, Station #7)
MRI of the 1st Trimester Pregnancy Fetus and Placenta

PD190-ED-WEB6 (Wed, 12:45-1:15 PM, Station #6)
The Term Hemangioma in 2018: Disentangling the Web

PD191-ED-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Pediatric Whole Body PET/MR: How to Acquire Excellent Images with a Streamlined Protocol

PD192-ED-THA7 (Thu, 12:15-12:45 PM, Station #7)
Growing a Backbone: Essentials of Neonatal Spine Ultrasound

PD193-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)
New MR Techniques to Decrease MR Scan Times in Children

PD194-ED-THB7 (Thu, 12:45-1:15 PM, Station #7)
Stroke in Pediatric Age Group: How MRI Can Help?

PD195-ED-THB8 (Thu, 12:45-1:15 PM, Station #8)
Spectral Multi-Energy Computed Tomography: Preliminary Experience in Pediatric Neuroradiology

PD200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Diagnostic Performance of Computed Tomography to Differentiate Kawasaki Disease from Other Causes of Febrile Cervical Lymphadenopathy

PD201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
The Developmental Change of Glutamate Concentration in Postnatal Normal Rat Brain Using in Vivo GluCEST Technique

PD202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Age Prediction Using Resting-State Functional Connectivity Characteristics in Typically Developing Infants

PD203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Contrast-enhanced MRI Facilitates Monitoring of Feto-placental Unit Development in a Pregnant Mouse Model

PD204-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Initial Experience with Hyperpolarized Carbon-13 Metabolic MRI of Pediatric Patients with Brain Tumors

PD205-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Stereoscopic Benefits for the Identification of Pulmonary Vein Stenoses with CT Angiograms

PD206-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Forward Projected Model-Based Iterative Reconstruction Solution for 320-Row CT Angiography Improves Image Quality and Reduces Radiation Exposure in Infants with Complex Congenital Heart Disease

PD207-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Radiology of Pulmonary Infections in HIV Infected Children

PD208-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
The Value of Whole Tumors Volume-based T2WI Histogram Analysis of Differential Diagnosis in Pediatric Posterior Fossa Tumors

PD209-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
MRI Assessment of Fetuses Referred with Ultrasonographically Suspected Pelvi-Abdominal Cystic Lesions: Is There an Added Value?

PD210-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Thoracic Air-Leak Syndrome and Bronchiolitis Obliterans in Pediatric Patients Following Hematopoietic Stem Cell Transplantation

PD211-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
A Comparative Study of Free-Breathing StarVIBE with Conventional VIBE in Fetal Brain T1WI Imaging

PD212-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Feasibility of Free-Breathing T1-Weighted 3D Radial VIBE for Fetal MRI

PD213-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Image Quality and Incidental Findings of Chest MRI in a Large Pediatric Population-Based Study

PD215-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Imaging Findings of Abdominal Compartment Syndrome: Unique Features in Children

PD216-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Early Prediction of Progression to Severe Post Hemorrhagic Hydrocephalus on Cranial Ultrasound of Premature Newborns

PD217-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Disease-Specific Dose Estimate (DSDE): Optimization of Radiation Dose for Children with Hepatomegaly

PD219-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Automatic Computation of Iso-perimetric Ratio as Quantitative Index for Degree of Left Ventricular Trabeculation in Adolescents and Young Adults: Potential Indicator for Left Ventricular Non-Compaction

PD220-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
The Comparison Between Improved T2 SPACE and Other Traditional MRU Sequences in Children with Congenital Urinary Tract Malformation

PD221-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Infants Limb Fractures in Household Accidents: Beyond the Shaken-Baby Syndrome

PD222-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Value of Functional T2 Mapping in the Assessment of Early Cartilage Degeneration of Pediatric Hemophilic Patients

PD223-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Rickets in Vienna Revisited

PD224-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Specific CT Imaging Characteristics of Congenital Mesoblastic Nephroma and Correlation with Ultrasound and Pathology

PD225-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Microstructural Changes of Brain White Matter for the Children Patients with Obstructive Sleep Apnea Syndrome Based on Diffusional Kurtosis Imaging Study

PD226-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Improved Method for Estimating Brain Structural Location for Mapping of Magnetoencephalography in Young Children

PD227-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Frequency Selective Non-Linear Blending Technique Can Improve Detection of Acute Infarcts on Pre-enhanced Brain CT in Children

PD228-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Imaging of the Temporomandibular Joint in Juvenile Idiopathic Arthritis: A Comparison of Quantitative and Semi-Quantitative MRI Scoring

PD229-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Clinical Implication of Hepatic Subcapsular and Capsular Flow in Doppler Ultrasound and Microvascular Imaging after Receiving Kasai Operation

PD230-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Comparison on Image Quality of Two Type Low-Dose CT Iterative Algorithm Reconstruction and Filtered Back Projection Reconstruction in Children's Temporal Bone

PD231-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Longitudinal Prediction of Pediatric Diffusion MRI Data using Graph-Based Deep Learning

PD233-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Indigo Mechanical Thrombectomy in Children: An Initial Experience

PD234-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Artificial Intelligence in Bone Age Assessment: Evaluation of Diagnostic Accuracy and Efficiency of a Novel Fully Automated Algorithm in Comparison to the Greulich Pyle Atlas Method

PD238-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
A Review of Pediatric Interventional Radiology Transfers Away from a Tertiary Pediatric Center

PD239-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
Usefulness of Abdominal Aortography for Evaluation of Renal Artery Stenosis in Children with Moyamoya Disease

PD241-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Comparison of 320-Row Detector CT Angiography versus Transthoracic Echocardiography for Imaging of Coronary Artery Lesion in Children with Kawasaki Disease

PD242-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Evaluation of MRI in the Prenatal Diagnosis of Cleft Lip and Palate

PD244-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Isolated Periventricular Pseudocysts Do Not Affect White Matter Development in Neonatal Stage: A TBSS Study

PD245-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Study of Probabilistic Versus Deterministic Tractography in Pediatric Spinal Cord Imaging

PD246-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
The "Thoracic Meconium Sign" as a Diagnostic Feature in the Diagnosis of Diaphragmatic Hernia on Fetal MRI

PD247-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
CT Imaging Findings of Colonic Polyps in Children

PD248-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
High-pitch Scan Mode in Urinary Examinations in Children without Medical Sedations Using the Third-Generation Dual-Source Computed Tomography: Image Quality and Radiation Dose Performance

PD250-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
The Utility of Texture Analysis in Differential Diagnosis of Pediatric posterior Fossa Tumors

PD251-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Microcirculatory Perfusion and Diffusion Assessment of Neonates with Punctate White Matter Lesions Using intravoxel Incoherent Motion (IVIM)

Physics

PH001-EC-MOB (Mon, 12:45-1:15 PM, Custom Application Computer Demonstration)
Computer-Based Interactive X-Ray Simulation Tools for Radiology and Radiography Education

PH002-EB-X (Hardcopy Backboard)
Availability of the High Pitch Dual Source CT for the Chest Examination: Actual Surface Dose Measurement Using an OSL Dosimeter to Optimize Irradiation Parameters

PH003-EB-X (Hardcopy Backboard)
It Is Necessary to Measure the Degree to Which Scattered Radiation and Energy X-Ray Examinations Expose Staff, Including Those Performing Interventional Radiology?

PH004-EB-X (Hardcopy Backboard)
Evaluation of Eye Lens Doses in Interventional Radiology Staff: Where Should the Eye Dosimeter Be Optimally Placed?

PH005-EB-X (Hardcopy Backboard)
Carbon Dioxide Angiography: Optimization of Image Quality and Radiation Dose

PH006-EB-X (Hardcopy Backboard)
Fundamental Study on Real-Time Dose Management in Percutaneous Coronary Intervention

PH007-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Utilizing the Exposure Index to Calculate Patient Specific Radiation Doses from Projection Radiography Images

PH008-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)
Application of Deep Learning Object Detection for CT Scout Localizer-based Clinical Scan Region Planning

PH009-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)
Investigation into the Outliers in Body CT Radiation Dose as Determined by a Patient Size Dependent Threshold

PH010-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)
Impact of Acoustic Radiation Force Impulse Imaging in Diagnosing Non-Surgical Complications After Liver Transplantation

PH011-EB-THB (Thu, 12:45-1:15 PM, Hardcopy Backboard)
In Vivo Evaluation of Acute Sciatic Nerve Traction Injury and the Association with Sunderland Grading

PH012-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)
Non-Enhanced and Non-Gated MR Angiography for Peripheral Arteries using Improved Acceleration-Selective Arterial Spin Labelling (iAccASL)

PH013-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)
Handheld Ferromagnetic Detector Sensitivity and Unit Comparison

PH100-ED-X (Digital Education Exhibit)
Does Deep Learning Help in Diagnosis of Hyperacute Stroke in Noncontrast CT?

PH101-ED-X (Digital Education Exhibit)
The Phases of MR Velocimetry: Physics, Technique, and Clinical Applications of MR Phase Contrast Imaging

PH102-ED-X (Digital Education Exhibit)
How to Maximize Diagnostic Information in Coronary CT Angiography with Dual Energy Spectral Imaging

PH103-ED-X (Digital Education Exhibit)
Image Noise Characteristics of Second Generation Fast kVp Switching Dual Energy CT Improves Image Accuracy of Dual Energy CT

PH104-ED-X (Digital Education Exhibit)
Clinical Applications of Chemical Exchange Saturation Transfer (CEST) MRI

PH105-ED-X (Digital Education Exhibit)
Fetal Dosimetry in CT: A Primer

PH106-ED-X (Digital Education Exhibit)
Imaging Physiology of Contrast Agent: Difference in Pharmacokinetic and Signal Characteristics Between Gadolinium and Iodine Contrast Agent

PH107-ED-X (Digital Education Exhibit)
Easy Understanding of Theory and Image Characteristics of the Model-Based Iterative Reconstruction at CT for Radiologists: How Does It Work?

PH108-ED-X (Digital Education Exhibit)
Site, Age Group, and Model - Specific Radiation Dose Estimation for Radiograph, CT, and Nuclear Medicine Exams

PH109-ED-X (Digital Education Exhibit)
Sequential Subtraction Using One Volume Scan of 320 Row ADCT

PH110-ED-X (Digital Education Exhibit)
Possibility of Deep Learning Technique in Medical Imaging:
Can Deep Learning Improve Image Quality?

PH111-ED-X (Digital Education Exhibit)
Real World Opened by State-Of-The-Art 2048-Matrix CT

PH112-ED-X (Digital Education Exhibit)
A Review of Photon Counting Computed Tomography and
Its Clinical Applications

PH113-ED-X (Digital Education Exhibit)
Automated Grading Method for Diagnosis of Rheumatoid
Arthritis in Ultrasonography

PH114-ED-X (Digital Education Exhibit)
Computer-Aided Detection of Bone Fractures Identification
in Ultrasonography

PH115-ED-X (Digital Education Exhibit)
Electric Properties Tomography: A New Tool for
Noninvasive Measurement of Tissue Electrical Conductivity

PH116-ED-X (Digital Education Exhibit)
Next Generation Single-Source Rapid kV Switching Dual-
Energy CT: Advances and Advantages in Body Imaging

PH117-ED-X (Digital Education Exhibit)
Optimization Method of Hyper-Parameters in Convolutional
Neural Network for Medical Image Application

PH118-ED-X (Digital Education Exhibit)
Imaging Physics Quality Management System for MRI

PH119-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Technical Optimization of Contrast Enhanced Sequences in
Central Nervous System: Making the Most for Every Single
Gadolinium Drop

PH120-ED-SUB6 (Sun, 1:00-1:30 PM, Station #6)
How to Optimize Your DTI Acquisition for Spinal Cord
Assessment: Physical Basis and Technical Adjustments

PH121-ED-MOB8 (Mon, 12:45-1:15 PM, Station #8)
The 10 Commandments of Artefact Reduction in Cardiac
MRI

PH122-ED-TUA10 (Tue, 12:15-12:45 PM, Station #10)
New Concept of Pathological Diagnosis Support by Micro
CT System: How Does CT Technology Change Pathologist's
Workflow?

PH123-ED-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Low-Contrast Detectability (LCD) of Abdominal CT:
Improvement of LCD by a Newly Developed Iterative
Reconstruction Algorithm

PH200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
MRI Projection Mapping for Conserving Surgery of Breast
Cancer in the Operation Room: A Feasibility Study

PH201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Reduction of Metal Artifacts During Digital Tomosynthesis
Reconstruction from Projection-Based Material
Decomposition for Arthroplasty: A Phantom Study

PH202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Detection of Calcification in the Breast Using Ultrasound
Tomography: A Feasibility Study

PH203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Dose of CT Protocols Acquired in Clinical Routine Using a
Dual-Layer Detector CT Scanner

PH204-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
The Feasibility of Combined Three-Dimensional Dynamic
Region Growing with Level Set in Automatic Segmentation
of Liver Tumor

PH205-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Dual-Energy CT, MRI of Rectal Cancer: A Comparison of
Diagnostic Performance in Metastatic Lymph Nodes

PH206-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Evaluation of Iterative Reconstruction Using
3D-Consolidated Signal Noise to Ratio

PH207-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
3D Contrast-enhanced Ultrasound and 3D Ultrasound
Molecular Imaging for Response Assessment in Models of
Triple-negative Breast Cancer

PH208-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
CNN-Based Image Super-Resolution for CT Slice Thickness
Reduction Using Paired CT Scans for Improving Robustness
of Computer-Aided Nodule Detection System

PH209-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
Vendor-Neutral, DICOM Viewer-Based, Graphical Image
Exploration of Clinical Spectral CT Studies

PH210-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Medical Student Device Design for Interventional Radiology:
Design of a Needle Stabilization Device for CT-Guided
Procedures

PH211-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Chemical Exchange Saturation Transfer MR Imaging for
Mediastinal Masses: Phantom Study and Clinical Cases

PH212-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
Accuracy of Volume Measurements of Coronary
Calcification at CT Using Model-Based Iterative
Reconstruction: A Phantom Study

PH213-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Eliminating Susceptibility Induced Hyperintensities in Ultra
High Field T1w MPRAGE Brain Images

PH214-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Potential of a New High Capacity X-Ray Tube to Enable
Low-kV Contrast-Enhanced CT Imaging of Large Patients
with Improved Image Quality: A Phantom Study

PH215-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
A CT Protocol Management System for Reviewing and
Version Tracking of CT Protocols from Multiple CT Vendors

PH216-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Breast Structural Noise Analysis of Narrow- and Wide-
angle Tomosynthesis and Masking Risk Assessment for
Mass Detection

PH217-SD-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Use of KZ-Space in Multislice MRI for Sub-mm Through-
Plane Resolution

PH218-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
The Value of Shear Wave Elastography and Contrast
Enhanced Ultrasound for Benign-Malignant Lymph Nodes
Differentiation in Rabbits

PH219-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Dynamic ADC Analysis of the Brain in the Supine and
Upright Postures

PH220-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Coronary Stent Imaging with Photon Counting CT: Can
Dedicated Sharp Convolution Kernels Improve Image
Quality?

PH221-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Development a Software Which Assists Radiologists
to Determine Optimal Contrast Material Administration
Protocol at CT: Validation Study Using a Computer
Simulation

PH222-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Comparison of Diagonal and Three-Scan Trace Diffusion
Modes in Diffusion-Weighted Imaging of Bladder Cancer

PH223-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Characterization of Dynamic Nuclear Hyperpolarization by
Hydrodynamics, Liquid-Surface Interaction and Liquid-to-
Tissue Ratio

PH224-SD-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Multimodal Anthropomorphic Breast Phantoms for
Microwave Imaging (MWI), B-Mode Ultrasound,
Mammography, Magnetic Resonance Imaging, and Computed
Tomography

PH225-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Deep Learning Approach for Image Denoising in Low-Dose
CT

PH226-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
A New 3D Tomographic Image Reconstruction Process:
More Than 10-Fold Acceleration and Reduced Artifacts
Compared to SART on Same Hardware

PH227-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Whole Body Low-Dose CT-Study Combined With Model
Based Iterative Reconstruction Algorithm for Follow-Up of
Oncologic Patients: Image Quality and Dose Reduction

PH228-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
A Study on the Correlation between Body Mass Index (BMI)
and 'Four Low' Coronary Artery CT Angiography

PH229-SD-TUA8 (Tue, 12:15-12:45 PM, Station #8)
A Novel Direct-Conversion Detector with Variable Charge
Gain

PH230-SD-TUA9 (Tue, 12:15-12:45 PM, Station #9)
Does Biopsy Influence Effectiveness of Radiomics in the
Classification of Benign Lesions and Cancers on Breast
MRI?

PH231-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
Cone Beam Tomosynthesis (CBT): A New Approach for 3D
Surgical Imaging

PH232-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Pelvic Diagnostic: Dose Assessment of CT vs. Conventional
X-Ray in a Phantom Study considering different CT
Protocols including Tin Filtering

PH233-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Using Magnification for Increasing DR Spatial Resolution of
Pediatric Extremities

PH234-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Application of Multimodal Imaging and Photothermal
Therapy in HER-2 Positive Breast Cancer

PH235-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Estimating Radiation Dose of Digital Tomosynthesis and
in Comparison with Other Chest Examinations for Adult
Patients of Wide Ranging Body Sizes

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

PH237-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Reproducibility Analysis on Computer Aided Abnormality
Detection with Convolutional Neural Net in Chest PA X-Ray
Images within Short-term Period

PH238-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Combined Respiratory and Cardiac 3D Imaging with a
Single-Sweep C-Arm Acquisition

PH239-SD-TUB8 (Tue, 12:45-1:15 PM, Station #8)
Suppression of Longitudinal Aliasing (Windmill) Artifact in
MDCT/CBCT: Detector Cell Interlacing vs Focal Spot Flying

PH240-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Occupational Eye Lens Dose in Endoscopic Retrograde
Cholangiopancreatography Using a Dedicated Eye Lens
Dosimeter: A Phantom Study

PH241-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
System Performance Comparison of Ultra-High-Resolution
Scans Using Two Clinically Available Multi-Detector CT
Systems

PH242-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Fast-Frame-Rate Digital X-Ray Tube Based on Carbon-
Nanotube Field-Emitters and Its Application to Cone-Beam
Breast Computed Tomography for High-Resolution Imaging

PH243-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Eye-lens Shielding in Cranial CT: Evaluation of Image
Quality and Artifact Frequency

PH244-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Iodine Quantification in Photon-counting CT: Accuracy
Based on Dose

PH245-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Magnetization Transfer Helps to Evaluate the Curative Effect
Before and After Treatment of Diabetic Nephropathy

PH246-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Peristalsis MR Imaging in Direct Visualization of
Physiological Intestinal Flow by Spin Labeling Technique

PH247-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Dose Reduction for Cerebral Fluoroscopic Angiography
Procedures Using Advanced Noise Suppression

PH248-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Task-based Assessment of Photon-counting CT Binned Images with Varying Patient Size and Imaging Mode

PH249-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Maximizing Iodine Detectability Using Different Types of Multiple Energy Images from a Single Acquisition on a Photon-Counting-Detector CT System

PH250-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
A Multi-Echo Stack-of-Stars UTE-Based Thoracic Dixon Imaging

PH251-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Effect of Iodinated Contrast Medium on Organ Dose at Coronary CT Angiography Using 100-kVp and 120-kVp Scans

PH252-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Development of Method of Dosimetric Indications Required by IEC 60601-2-54 Using MCNPX

PH253-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Patient-Specific Analysis of Organ Doses in Chest-Abdomen-Pelvis CT Examinations with Tube Current Modulation

PH254-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
Comparison of Effective Dose and Image Quality of Different Helical and Cone-Beam CT Protocols, Including Tin Filtering, for Maxillofacial Imaging

PH255-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Effect of Obesity on Liver Lesion Detection at Standard and Reduced Radiation Exposure in an Anthropomorphic Phantom

PH256-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Absorbed and Effective Doses Evaluation in a Pediatric PET-CT Scan

PH257-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Radiation Dose Reduction in Oncologic Computed Tomography Follow Up: Evaluation and Advantages of a New Scan Protocol

PH258-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
Differences in Room Scatter Distribution by Body Region Being Imaged with a C-Arm Fluoroscope

PH259-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
Exploration of Optimal ASIR-V Weight in Low-Dose Head Scan with 16cm Wide-Detector CT

PH260-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Evaluation of Large Scale Patient Specific Dosimetry in Conventional Chest Imaging

PH261-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Coupled Multi-Bone Active Shape Model of Foot and Ankle

Quality Improvement Reports

QI001-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Taking Musculoskeletal Radiography to the Next Level - A Quality Assurance and Improvement Initiative with a Multimethodology and Multidisciplinary Approach

QI002-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)
ICU Radiographs: Appropriate Radiographic Positioning with Timely Recognition of Misplaced Lines, Tubes, and Drains

QI003-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Design and Impact of a Musculoskeletal (MSK) Image-Guided Procedure Curriculum for Radiology Residents

QI004-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)
Preventing Radiology Procedural Patient Safety Events by Improving Universal Protocol Through Implementation of a Standardized Time-Out

QI005-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)
Eliminating Radiology Specimen Labeling Errors Using a 2-Person Check

QI006-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)
Clean Reading Room Initiative: Impact of Various Interventional Processes

QI007-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)
Targeting the Root Causes of Dissatisfaction with Root Cause Analysis: A Project to Improve the Process Around Patient Safety Events in Radiology

QI008-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)
Ensuring MIPS/MACRA Radiation Dose Reduction Compliance: Automated Evaluation of Enterprise Radiology Reports

QI009-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)
TIPS Ultrasound Improvement from a Different Angle: A Web-Based Training Lecture to Provide On-going Education to Ultrasonographers

QI010-EB-TUB (Tue, 12:45-1:15 PM, Hardcopy Backboard)
A Collaborative Approach to Reducing Potential Cross-Contamination in Nuclear Medicine Department Restrooms

QI011-EB-TUA (Tue, 12:15-12:45 PM, Hardcopy Backboard)
The Effects of a National Dissemination Project Aimed at Reducing Radiation Dose for Kidney Stone CT

QI012-EB-TUB (Tue, 12:45-1:15 PM, Hardcopy Backboard)
Back to Basic: With Modern Technology, Personal Touch is the Brilliance of Human Connection

QI013-EB-WEA (Wed, 12:15-12:45 PM, Hardcopy Backboard)
Quality Initiative to Improve the Transcription of Clinical Information to the Radiology Information System

QI014-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)
How to Use 5S Lean Methodology in Radiology Exam Rooms

QI015-EB-WEA (Wed, 12:15-12:45 PM, Hardcopy Backboard)
Impact of a Same-Day Biopsy Program on Time to Diagnosis for Patients with Suspicious Breast Findings

QI016-EB-WEB (Wed, 12:45-1:15 PM, Hardcopy Backboard)
Changing from an Institution-based Resident on Call to a Federated Regional Model - Improving Quality of a Regional Radiology Service

QI017-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)
Decreasing ED CT Interpretation Turn Around Times in an Academic Radiology Department

QI018-EB-THB (Thu, 12:45-1:15 PM, Hardcopy Backboard)
Interruptions During on Call Radiology in a University Teaching Hospital

QI019-EB-THA (Thu, 12:15-12:45 PM, Hardcopy Backboard)
STAT! STAT! ... STAT?: A Multidisciplinary Collaboration To Develop and Implement a New Multi-tiered Order Priority Classification System

QI020-EB-THB (Thu, 12:45-1:15 PM, Hardcopy Backboard)
Mechanical Thrombectomy Intervention Times After Implementing CT Perfusion to Stroke Triage Protocol

QI021-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Minimizing Patient Delays in Radiology Optimizing On - Time Starts for CT Procedures

QI022-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)
Implementation of a Two Prong, PACS-based, Continuous Quality Improvement Program into Routine Daily Clinical Operation in the Radiology Department

QI023-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)
Improving Breast Imaging and Intervention's Staff Efficiency During an Upright Stereo Biopsy Procedure

QI024-EB-MOA (Mon, 12:15-12:45 PM, Hardcopy Backboard)
Will The Real STAT Exam Please Stand Up? Reducing
Inappropriately Ordered STAT Imaging Studies

QI025-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)
Improving Accuracy of the On-Call Radiology Worklist

QI100-ED-SUA5 (Sun, 12:30-1:00 PM, Station #5)
Improving MRI Inpatient Access

QI101-ED-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Confused About with and Without: Assessment of
Medical Providers' Knowledge of Abdominal CT Protocol
Appropriateness

QI102-ED-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Decreasing Duplicative Imaging: Clinical Decision Support
Intervention to Reduce Unnecessary Abdominal Ultrasound
Following Abdominal CT

QI103-ED-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Developing a Comprehensive Prostate Imaging Service:
Getting It Right & How to Achieve Quality in a Public
Sector DGHS (District General Hospital Service) Group of
Hospitals

QI104-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)
Targeting the Top 5 On-Call Resident Misses with Focused
Lecture Series: A Pilot Study

QI105-ED-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Process Improvement: How Can We Reduce Radiation
Exposure to the Female Breast During Routine CT
Examinations of the Abdomen and Pelvis?

QI106-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
Simulation Modeling: Radiology Analytics New Partner

QI107-ED-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Introducing On-Call into Medical Student Radiology
Clerkship: Our Experience

QI108-ED-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Addressing Overutilization of Inpatient Renal US Within 48
Hours of CT/MR Abdomen

QI109-ED-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Reliable Projectile Hazard Reduction in MRI

QI110-ED-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Code Angio: A Lean Multidisciplinary Protocol to Decrease
Interventional Radiologist Response Times for Trauma
Patients with Acute Vascular Injury

QI111-ED-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Optimization of a Prostate MRI Value Chain to Increase
Patient Access and Improve Prostate Cancer Care

QI112-ED-MOA3 (Mon, 12:15-12:45 PM, Station #3)
The Affidea MR Excellence Program: A Comprehensive MRI
Optimization and Standardization Project

QI113-ED-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Improving Reporting of Lesion Location by Unifying the
Acquisition Angles on Prostate MR in Our Trust - A Quality
Improvement Project

QI114-ED-MOA4 (Mon, 12:15-12:45 PM, Station #4)
What Are Our Blind Spots? Using Peer-Learning to Create a
Case Archive of Common Diagnostic Errors

QI115-ED-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Implementation of TIRADS Ultrasound Reporting in a
Pediatric and Adult Practice Group: What We Learned

QI116-ED-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Use of New Proforma for Pre-Procedure Documentation
for Ultrasound and Fluoroscopy Guided Musculoskeletal
Radiology Interventional Procedures Improves Adherence
to ACR/SIR Practice Guidelines - A Quality Improvement
Project Based on PDSA cyc

QI117-ED-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Reducing Extrinsic Distractions to Radiologists Under
Mounting Pressure

QI118-ED-TUA2 (Tue, 12:15-12:45 PM, Station #2)
Reducing Radiology Referral Form Inadequacies to Improve
Patient Safety and Quality of Care

QI119-ED-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Hypnosis as an Alternative to Pharmacologic Sedation in
MR: An Initial Experience with Claustrophobic Patients

QI120-ED-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Impact of a Standardized Reporting Format on the Quality
of MRI Reports for Rectal Cancer Staging

QI121-ED-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Streamlined Pancreatic Cyst Evaluation on MRI Abbreviated
Protocol (SPaCEMAP) - Reducing Waiting Times in a
General Hospital Setting

QI122-ED-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Improving Procedures Of Children MRI Under Sedation -
Benefits From Quality Control Circle

QI123-ED-TUB4 (Tue, 12:45-1:15 PM, Station #4)

Tailoring Reports to Clinicians' Needs: Use of Structured Templates to Categorize Intracranial Metastases Treated with Stereotactic Radiosurgery

QI124-ED-WEA1 (Wed, 12:15-12:45 PM, Station #1)

A Peer-Review Tool for X-Ray Technologists to Assess Image Quality in General Radiography

QI125-ED-WEB1 (Wed, 12:45-1:15 PM, Station #1)

Initial Experience of Volume CT in Pediatrics: Can Anesthesia Be Avoided?

QI126-ED-WEA2 (Wed, 12:15-12:45 PM, Station #2)

A Quality Improvement Project on Reducing Inappropriate Imaging Requests by Increasing Awareness of iRefer Guidelines

QI127-ED-WEB2 (Wed, 12:45-1:15 PM, Station #2)

Improving Veterans Access to Ultrasound Clinic in VA Ann Arbor Healthcare System Within 30 Days of Order Date

QI128-ED-WEA3 (Wed, 12:15-12:45 PM, Station #3)

Development of the Diagnostic Reference Level for Plain Radiographic Exams: Results of the Nation-Wide Survey in South Korea

QI129-ED-WEB3 (Wed, 12:45-1:15 PM, Station #3)

How to Use Lead Apron to Reduce Excess Radiation Dose Caused by Over-Scan in Computed Tomography

QI130-ED-WEA4 (Wed, 12:15-12:45 PM, Station #4)

Auditing an ACR-TIRADS Implementation Program - Effect on Reporting and Management of Thyroid Nodules in an Academic Ultrasound Department

QI131-ED-WEB4 (Wed, 12:45-1:15 PM, Station #4)

What Role Do Decision Making Tools Play in the Investigation of Pulmonary Emboli - an Audit into the Clinical Appropriateness of CT Pulmonary Angiogram Requests in the Investigation of Acute Pulmonary Emboli

QI132-ED-THA1 (Thu, 12:15-12:45 PM, Station #1)

Change Management Strategies Used to Overcome Image Quality Concerns While Implementing a CT Dose Reduction Project

QI133-ED-THB1 (Thu, 12:45-1:15 PM, Station #1)

A Multifaceted Approach to Improving Radiology Resident Proficiency in Managing Acute Adverse Reactions to Intravenous Contrast Administration

QI134-ED-THA2 (Thu, 12:15-12:45 PM, Station #2)

Reducing the Number of Knee MRIs in Patients with Severe Degenerative Change

QI135-ED-THB2 (Thu, 12:45-1:15 PM, Station #2)

Implementing a Fully Model Based Iterative Reconstruction Algorithm in a High Volume CT Practice

QI136-ED-THA3 (Thu, 12:15-12:45 PM, Station #3)

Evaluation of a Low Dose Technique for the Performance of CT Guided Lumbar Foraminal Nerve Blocks

QI201 (Mon, 3:00-4:00 PM)

Quality Improvement Reports Poster Walk

Quantitative Imaging Reading Room

AMA PRA Category 1 Credit™ is not available at these exhibits.

QRR001

DeepNeuro: Easy-To-Use and Validated Deep Learning Tools for Neuroimaging Analysis

(Athinoula A. Martinos Center for Biomedical Imaging, Charlestown, MA)

Meet the Experts Schedule

Monday 12:15pm - 1:15pm

Tuesday 12:15pm - 1:15pm

Wednesday 12:15pm - 1:15pm

QRR002

The 3D Slicer Open-Source Software Platform for Translational Research in Quantitative Imaging

(Brigham & Women's Hospital, Harvard Medical School, Boston, MA)

Meet the Experts Schedule

Sunday 12:30pm - 1:30pm

Monday 12:15pm - 1:15pm

Wednesday 12:15pm - 1:15pm

Thursday 12:15pm - 1:15pm

QRR003

DICOM4QI Demonstration and Connectathon: Structured Communication of Quantitative Image Analysis Results Using the DICOM Standard

(Brigham & Women's Hospital, Boston, MA)

Meet the Experts Schedule

Monday 12:15pm - 1:15pm

Tuesday 12:15pm - 1:15pm

Wednesday 12:15pm - 1:15pm

QRR004

Fully Automated Workflow for Advanced Quantitative Analysis on Multi-Volume Chest CT of Patients with Chronic Obstructive Pulmonary Disease Using Deep Convolutional Neural Net and Conventional Image Processing

(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

QRR005

ECONIB: A Deep Learning-Powered DCE Tool for Automatic Assessment of Brain Tumor Perfusion

(Future Processing, Silesian University of Technology, Gliwice, Poland)

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

QRR006

Software Suites for Quantitative Diagnosis of Dementia by Using Radiopharmaceutical for mCBF, H/M, and DATSCAN

(Gifu University, Gifu, 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

QRR007

A Clinical Decision Support Platform with Automated 3D Segmentation and Quantitative Metrics Extraction for Radiology and Oncology

(HealthMyne, Madison, WI)

Meet the Experts Schedule

Monday 12:15pm - 1:15pm

Tuesday 12:15pm - 1:15pm

Wednesday 12:15pm - 1:15pm

QRR008

3DQI: An Open Software Platform for Volumetric Imaging Analysis

(Massachusetts General Hospital, Boston, MA)

Meet the Experts Schedule

Monday 12:15pm - 1:15pm

Tuesday 12:15pm - 1:15pm

Wednesday 12:15pm - 1:15pm

QRR009

Standardization Mechanisms to Ensure High Quality Imaging in Clinical Trials

(Median Technologies, Valbonne, France)

Meet the Experts Schedule

Monday 12:15pm - 1:15pm

Tuesday 12:15pm - 1:15pm

Wednesday 12:15pm - 1:15pm

Thursday 12:15pm - 1:15pm

QRR010**Quantitative Deep Learning for Rule-Out and Rule-In of Indeterminate Pulmonary Nodules and Lung Cancer Prediction**

(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

QRR011**A Multiparametric Magnetic Resonance Imaging Software Application for Quantitative Liver Tissue Characterization to Aid Clinical Diagnosis of Liver Disorders**

(Perspectum Diagnostics, 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

QRR012**MRCP+: Quantitative Analysis of the Biliary Tree**

(Perspectum Diagnostics, 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

QRR013**Semi-Automated Software to Classify Breast Masses at Ultrasonography According to BI-RADS 5th Edition Lexicon**

(Santa Casa Sao Paulo, Sao Paulo, Brazil)

Meet the Experts Schedule

Monday 12:15pm - 1:15pm

Tuesday 12:15pm - 1:15pm

Wednesday 12:15pm - 1:15pm

Thursday 12:15pm - 1:15pm

QRR014**ePAD 2018: Expanded Platform to Support Using New Quantitative Imaging Biomarkers in the Clinical Research Workflow**

(Stanford University, Stanford, CA)

Meet the Experts Schedule

Monday 12:15pm - 1:15pm

Wednesday 12:15pm - 1:15pm

QRR015**The Quantitative Image Feature Pipeline (QIFP): Automated Computation of Quantitative Image Features and Construction of Predictive Models**

(Stanford University, Stanford, CA)

Meet the Experts Schedule

Monday 12:15pm - 1:15pm

Tuesday 12:15pm - 1:15pm

Wednesday 12:15pm - 1:15pm

QRR016**StoneChecker : A Novel Standardized Quantitative Imaging Software in Urolithiasis**

(University College Hospital, London, 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

QRR017**Demonstrating NiftyNet: An Open-Source Platform for Using Deep Learning in Medical Imaging and Image-Guided Therapy**

(University College Hospital, London, 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

QRR018**Deep Slicer: Building and Using Deep Learning Algorithms Inside Clinical-Grade Open-Source Software**

(University Hospital Basel/4Quant Ltd., Basel, Switzerland)

Meet the Experts Schedule

Wednesday 12:15pm - 1:15pm

QRR019**Computer-Assisted Tumor Response Evaluation**

(University of Alabama Birmingham, Birmingham, AL)

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

QRR020**Cancer Imaging Phenomics Toolkit (CaPTk): A Software Platform Leveraging Quantitative Radio(geno)mic Analytics for Computational Oncology**

(University of Pennsylvania, Philadelphia, PA)

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

Radiation Oncology

RO001-EB-SUB (Sun, 1:00-1:30 PM, Hardcopy Backboard)
MRI of Malignant Neoplastic Brachial Plexopathy: A Pictorial Review

RO100-ED-X (Digital Education Exhibit)
Radiologists in the Radiation Treatment Planning Room: How Increased Collaboration Between Prostate Imagers and Radiation Oncologists Fosters Best Practices in the Treatment of Prostate Cancer

RO101-ED-X (Digital Education Exhibit)
Radiation and the Central Nervous System: A Pictorial Essay from the Eyes of the Neuroradiologist

RO102-ED-X (Digital Education Exhibit)
Abscopal Effect: What Oncor Radiologists Should Know

RO103-ED-X (Digital Education Exhibit)
Prostatic Carcinoma Treated with Focal Brachytherapy: Multiparametric Magnetic Resonance Imaging Patterns

RO104-ED-X (Digital Education Exhibit)
Role of C11-Choline and F18-Fluciclovine PET in Radiation Treatment Planning for Recurrent Prostate Cancer

RO105-ED-X (Digital Education Exhibit)
Imaging in Radiation Treatment Planning and Follow Up to Assess Tumor Response of Gynecological Malignancies

RO106-ED-SUA3 (Sun, 12:30-1:00 PM, Station #3)
Response Assessment in Neuro-Oncology (RANO) Criteria for Gliomas: Practical Topics Using Conventional and Advanced Imaging Techniques

RO200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Differentiation of Pleomorphic Adenomas and Malignant Tumor of Parotid Gland by Using Histogram Analysis of T2WI

RO201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Atypical Response Patterns in Patients Treated with Nivolumab

RO202-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Pulsed Reduced Dose Rate Re-Irradiation (PRDR) Using Modulated Arc (mARC) IMRT For Recurrent Gliomas: Initial Clinical Outcomes of a Novel Technique

RO203-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Patterns of Regional Lymph Node Recurrence After Definitive Radiotherapy for Cervical Cancer Patients

RO204-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Risk Factors of Radionecrosis Subsequent of Stereotactic Radiosurgery in Patients with Brain Metastases

RO205-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Correlating Multi-Parametric Tumor Imaging Kinetics and Circulating Tumor Cells During Radiotherapy in Patients with Head and Neck Cancer: Preliminary Results

RO207-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Multiple Metastatic Melanoma: Pretreatment Contrast-Enhanced CT Texture Parameters as Predictive Biomarkers of Survival in Patients treated with Pembrolizumab

RO208-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
The D value of Diffusion Kurtosis Imaging May Early Predict Treatment Response Within 7 Days After Radiotherapy Initiation in Loco-Regionally Advanced Nasopharyngeal Carcinoma

RO209-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
A Phase II, Proof-of-Concept Clinical Study of an Oral Mouth Rinse Containing Sandalwood Oil (SAO) for the Prevention of Oral and Oropharyngeal Mucositis Associated with (Chemo-) Radiation Therapy in Head and Neck Cancer Patients

RO210-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
T2WI Histogram Analysis for Differentiating Glioblastoma from Solitary Brain Metastasis

RO211-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Institutional Experience Treating Locally Advanced Non-Melanomatous Cutaneous Malignancies of the Head and Neck with Intensity Modulated Radiation Therapy (IMRT)

RO212-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
A Correlation Study of Epidermal Growth Factor Receptor Gene Mutations, Computed Tomography Image Findings, and Clinical Features Among Patients with Pulmonary Adenocarcinoma

RO213-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Evaluation of Focal Liver Reaction after Proton Beam Therapy for Liver Metastasis Examined Using Gd-EOB-DTPA Enhanced Hepatic Magnetic Resonance Imaging

RO214-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Pulmonary Metastases from Pancreatic Cancer: Frequency of Atypical Radiological Features and Comparison with Pulmonary Metastases from Colorectal Cancer

RO215-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Diagnostic Values of ADC Between Primary Central
Nervous System Lymphoma and Solitary Metastases

RO216-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
Long-Term Outcome of Low-Dose Rate Brachytherapy
with I-125 Seeds as a Monotherapy for High-Risk Prostate
Cancer Patients: A Propensity Score-Matched Analysis

RO217-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
The Diagnostic Value of Intravoxel Incoherent Motion
Diffusion Weighted Imaging in Different Pathological Types
of Cervical Carcinoma in 3.0T MRI

RO218-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Evaluation in Correlation of Magnetic Resonance Diffusion
Kurtosis Imaging and AQP Expression in Esophageal
Carcinoma

RO219-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Hybrid Regularization in Sliding Organ Motion Correction
for Motion-Compensated (MoCo) Cone-Beam CT (CBCT)

RO220-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
A Whole-Tumor Histogram Analysis of Apparent Diffusion
Coefficient Maps for Distinguishing Lateral Ventricle
Subependymoma from Ependymoma

RO221-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
Treatment Patterns of High Dose Rate (HDR) and Low Dose
Rate (LDR) Brachytherapy for Prostate Cancer

RO222-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Effect of the Change in a Reactor Power on the Response of
Murine Solid Tumors in Vivo, Referring to that in Intratumor
Quiescent Cells and Its Clinical Significance in Boron
Neutron Capture Therapy (BNCT)

RO223-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
Multiparametric MRI (mpMRI) in Planning for High Precision
External Beam Radiotherapy for Prostatic Malignancies

RO224-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
Assessment of Extended Field Bone Marrow Sparing
Radiotherapy for Primary Chemoradiotherapy in
Stage IVB Cervical Cancer Patients with Para-aortic
Lymphadenopathy: Volumetric Modulated Arc Therapy
Versus Helical Tomotherapy

RO225-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
4D Perfusion CT of Prostate Cancer for Radiotherapy
Planning: A Proof of Concept Study

RO226-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Correlation Study Between Parameters of Intravoxel
Incoherent Motion Diffusion-Weighted Imaging and Different
Pathological Differentiation of Cervical Squamous Cell
Carcinoma

RO227-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Development and Implementation of the In-Vivo Dosimeter
for High-Dose-Rate (HDR) Ir-192 Brachytherapy Using
Optically Stimulated Luminescence Dosimeters (OSLDs):
Evaluation of Rectal Dose in Clinical Cases

Vascular/Interventional

VI001-EB-X (Hardcopy Backboard)

Percutaneous Skull Biopsy - Why the Interventional Radiologist Shouldn't Avoid

VI002-EB-X (Hardcopy Backboard)

Percutaneous Sclerotherapy of a Retro-Orbital Venous Malformation: A Safe Multi-Disciplinary Approach

VI003-EB-X (Hardcopy Backboard)

'Name that Vein': A Review of Variant Iliac Venous Anatomy Encountered in Pelvic Venous Disease

VI004-EB-X (Hardcopy Backboard)

AngioVac Percutaneous Aspiration Thrombectomy: Basic to Advanced Techniques

VI005-EB-X (Hardcopy Backboard)

Rebuild the Infrastructure: Imaging and Intervention for Vascular Complications of Pancreatitis - From Evaluation, Management, to Techniques

VI006-EB-SUA (Sun, 12:30-1:00 PM, Hardcopy Backboard)

Case-Based Pictorial Review of Vascular Plug-Assisted Retrograde Transvenous Obliteration (PARTO) for Bleeding Gastric Varices: A Feasible Alternative to BRTO?

VI007-EB-MOB (Mon, 12:45-1:15 PM, Hardcopy Backboard)

Emergency with a Birth Canal Injury Due to Vaginal Delivery? Interventional Radiology Will Save Your Patient - Usefulness of Embolization for Birth Canal Injury in Vaginal Delivery

VI100-ED-X (Digital Education Exhibit)

Interactive 3D Volume Rendering of Cervical Paragangliomas: Current Applications in Vascular Surgery

VI101-ED-X (Digital Education Exhibit)

The Evolution of Acute Ischemic Stroke Treatment

VI102-ED-X (Digital Education Exhibit)

The Modern Neuro IR Suite: Tools and Armamentarium

VI103-ED-X (Digital Education Exhibit)

Maximizing Procedural Success! A Trainee's Guide to Imaging Equipment in the IR Suite

VI104-ED-X (Digital Education Exhibit)

Acute Non-Traumatic Aortic Conditions: A Surgical Perspective to Radiologic Interpretation

VI105-ED-X (Digital Education Exhibit)

Heating up the Lungs: Lung Radiofrequency Ablation in the Setting of Sarcoma Metastases

VI106-ED-X (Digital Education Exhibit)

4D-Flow: When and How?

VI107-ED-X (Digital Education Exhibit)

Multidetector Computed Tomography Evaluation of Spontaneous Non-Arteriosclerotic Coronary Dissection Associated with Fibromuscular Dysplasia: Spectrum of Disease

VI108-ED-X (Digital Education Exhibit)

Main Bile Duct Stricture by Transarterial Chemoembolization: How to Avoid It

VI109-ED-X (Digital Education Exhibit)

Artificial Intelligence and Interventional Radiology: Current Status, Future Applications, and Related Controversies

VI110-ED-X (Digital Education Exhibit)

A New Gold Standard? The Emerging Significance of IVUS in TIPS Procedures

VI111-ED-X (Digital Education Exhibit)

Sonographic Evaluation of Dialysis Grafts and Arteriovenous Fistulas: Assessment of Graft Function and Locoregional Emergent Complications

VI112-ED-X (Digital Education Exhibit)

Preoperative Evaluation of Autogenous Tissue Flap Reconstruction Techniques: What Radiologists Need to Know

VI113-ED-X (Digital Education Exhibit)

The Adamkiewicz Artery: Tips and Tricks in Optimizing Computed Tomography Angiography with an Emphasis on Image Reconstruction Technique

VI114-ED-X (Digital Education Exhibit)

Review of Post-EVAR Endoleak Diagnosis and Angiographic Review of Management Options

VI115-ED-X (Digital Education Exhibit)

Reflections of the Heart: Spectral Doppler Abnormalities Indicative of Occult Cardiovascular Disease

VI116-ED-X (Digital Education Exhibit)

The What, How, and Why of Immediate Post Y-90 Imaging

VI117-ED-X (Digital Education Exhibit)

Diagnosis and Management of Complications Related to Endovascular Interventions of Arterio-Venous Dialysis Access (AVF/AVG) Dysfunctions: Lessons Learned from Morbidity and Mortality Rounds of More than 15 Years

VI118-ED-X (Digital Education Exhibit)

You Scream, I Scream, We All Scream for Cone Beam: A Review of Cone Beam Computed Tomography Imaging in Interventional Radiology Procedures and Utility over Conventional Fluoroscopy Alone

VI119-ED-X (Digital Education Exhibit)

Surfing the Waveform: A Tutorial for Vascular Waveform Analysis from A to Z

VI120-ED-X (Digital Education Exhibit)

Seeking the Pulse: Role of CT and MRI in Diagnosis and Monitoring of Takayasu Arteritis

VI121-ED-X (Digital Education Exhibit)

Visceral Aneurysms: A Case Based Review of Pathophysiology, Imaging Findings, Complications, and Treatment Options

VI122-ED-X (Digital Education Exhibit)

The ABC's on AVFs: Understanding Ultrasound Imaging of Arteriovenous Access for Hemodialysis

VI123-ED-X (Digital Education Exhibit)

Ultrasound-Guided Percutaneous Core Needle Biopsy: When? Where? How?

VI124-ED-X (Digital Education Exhibit)

Accessory Vein Management During Intervention of 'Failing to Mature' Arteriovenous Hemodialysis Fistula

VI125-ED-X (Digital Education Exhibit)

The Interventional Radiologist's 'PARTO' Portal Hypertension Management: TIPS and Additional tricks

VI126-ED-X (Digital Education Exhibit)

How to Optimize Scans for CT Angiography of Entire Aorta

VI127-ED-X (Digital Education Exhibit)

Failure to Mature: Diagnosing Early Arteriovenous Fistula Failure and Percutaneous Interventions for Associated Lesions

VI128-ED-X (Digital Education Exhibit)

CT Angiography Acquisition Timing: Advantages and Disadvantages of Clinical Options

VI129-ED-X (Digital Education Exhibit)

Complications Mimics in the Post-Surgical Aorta

VI130-ED-X (Digital Education Exhibit)

Hemorrhagic Complications of Pancreatitis: The Role of Multidetector CT and Interventional Radiology

VI131-ED-X (Digital Education Exhibit)

The Emerging Role of Contrast-Enhanced Ultrasound in Oncological Intervention

VI132-ED-X (Digital Education Exhibit)

Transjugular Intrahepatic Portosystemic Shunt (TIPS) in Budd-Chiari Syndrome (BCS): Unique Challenges and Considerations

VI133-ED-X (Digital Education Exhibit)

Staying in the Loop: Interventionalist's Guide to Performing Complex Below-Knee Arterial and Pedal Loop Revascularization

VI134-ED-X (Digital Education Exhibit)

Splenic Arterial Interventions: An "Ex-Spleen-Ation" of Indications, Techniques, and Outcomes

VI135-ED-X (Digital Education Exhibit)

Aortitis: The Angry Aorta

VI136-ED-X (Digital Education Exhibit)

Contrast-Enhanced Ultrasound in Vascular Anomalies: A New Paradigm

VI137-ED-X (Digital Education Exhibit)

Percutaneous Endoscopic Retrieval of Dropped Intraperitoneal Stones: A Minimally Invasive Alternative to Open Laparotomy

VI138-ED-X (Digital Education Exhibit)

Uterine Fibroid Embolization: Preparing for and Treating Post-Procedure Pain

VI139-ED-X (Digital Education Exhibit)

Detection of Post-operative Complications after Thoracic and Abdominal Aortic Intervention Using 4-Dimensional Dynamic Computed Tomographic Angiography

VI140-ED-X (Digital Education Exhibit)

Including the Excluded Segment: Indications, Tips, and Tricks for G-Tube Placement in the Gastric Remnant after Roux-en-Y Gastric Bypass

VI141-ED-X (Digital Education Exhibit)
Engaging Medical Students in Interventional Radiology: In the Era of the New Integrated IR Residency

VI142-ED-X (Digital Education Exhibit)
Augmented Reality Systems for Surgical and Image Guided Interventions

VI143-ED-X (Digital Education Exhibit)
Hidden Depths: The Added Value of SPECT/CT Over Planar and SPECT Imaging Alone in the Work-Up for Selective Internal Radiation Therapy (SIRT) for Inoperable Liver Tumors

VI144-ED-X (Digital Education Exhibit)
EVAR Endoleaks: Emerging Techniques Highlighting the Use of Contrast-Ultrasound

VI145-ED-X (Digital Education Exhibit)
Important Extracranial-Intracranial Vascular Anastomosis and Its Implications on Extracranial Endovascular Procedures

VI146-ED-X (Digital Education Exhibit)
Infected (Mycotic) Aortic Aneurysms - Imaging Spectrum and Management

VI147-ED-X (Digital Education Exhibit)
Can Metal Artifact Reduction Improve the Conspicuity of Interventional Needle Placement?

VI148-ED-X (Digital Education Exhibit)
Automated Tumor-Feeder Detection Software (ATDS) Using CT During Arteriography in Transarterial Embolization

VI149-ED-X (Digital Education Exhibit)
Magnetic Resonance Lymphangiography with Dynamic Study: A New Approach

VI150-ED-X (Digital Education Exhibit)
New Embolization Guidance Technology in the Angiography Room: Clarification of Feeder Vessels Just a Few Clicks Away

VI151-ED-SUA7 (Sun, 12:30-1:00 PM, Station #7)
How to Treat Angiographically Occult Hepatocellular Carcinoma with Ultrasensitive Conventional Transarterial Chemoembolization?

VI152-ED-SUA8 (Sun, 12:30-1:00 PM, Station #8)
Ablative Treatment in Renal Tumors: Complications and How to Avoid Them

VI153-ED-SUB7 (Sun, 1:00-1:30 PM, Station #7)
Pelvic Trauma: What to Know

VI154-ED-SUB8 (Sun, 1:00-1:30 PM, Station #8)
Cryoablation of Large Tumors: Techniques, Tips, and Risks

VI155-ED-SUB9 (Sun, 1:00-1:30 PM, Station #9)
Contrast-Enhanced Ultrasound for Carotid Artery Plaque: How to Do It

VI156-ED-MOA8 (Mon, 12:15-12:45 PM, Station #8)
Beyond the Basics of Prostatic Artery Embolization (PAE): Controversies, Managing Complex Anatomy, and Keys to Successful Practice Building

VI157-ED-X (Digital Education Exhibit)
Pre and Post-Surgical Assessment of the Acute Aortic Syndrome: What the Surgeon Wants to Know

VI158-ED-MOA10 (Mon, 12:15-12:45 PM, Station #10)
Optical Coherence Tomography: A Practical Primer for the Radiologist

VI159-ED-MOB7 (Mon, 12:45-1:15 PM, Station #7)
Flowing Through Time and Space

VI160-ED-MOB9 (Mon, 12:45-1:15 PM, Station #9)
This is Glue, Strong Stuff: Non-Vascular Applications of N-butyl-2-cyanoacrylate (NBCA) and Review of Technique

VI161-ED-TUA9 (Tue, 12:15-12:45 PM, Station #9)
Line of Sight: Multi-Modality Techniques for Challenging Tissue Biopsies

VI162-ED-TUA10 (Tue, 12:15-12:45 PM, Station #10)
Management of Classic Budd-Chiari Syndrome and Hepatic Vena Cava Budd-Chiari Syndrome (HVC-BCS): A Pictorial Review

VI163-ED-TUA11 (Tue, 12:15-12:45 PM, Station #11)
A Novel Approach to Sedation Management for Interventional Radiology Procedures-Utility of Dexmedetomidine

VI164-ED-TUB9 (Tue, 12:45-1:15 PM, Station #9)
Radiofrequency Ablation for Thyroid Nodules: Current Evidences and Future Perspectives

VI165-ED-TUB10 (Tue, 12:45-1:15 PM, Station #10)
Let It Flow: Endovascular Management of Vascular Complications Post-Liver Transplant

VI166-ED-WEA10 (Wed, 12:15-12:45 PM, Station #10)
The Essentials of Prostatic Artery Embolization (PAE): A
Beginners' Guide and Laying the Foundation for Success

VI167-ED-WEA11 (Wed, 12:15-12:45 PM, Station #11)
Vascular Intervention for Aortic Dissection -What Should
Radiologists Know When Making a Decision About the
Optimal Treatment?

VI168-ED-WEA12 (Wed, 12:15-12:45 PM, Station #12)
Tools for 'Superactive Surveillance' for Local Focal Ablation
of Low Grade Prostate Cancer

VI169-ED-WEB10 (Wed, 12:45-1:15 PM, Station #10)
Portomesenteric Venous Complications After Pancreatic
Surgery with Venous Reconstruction: Imaging and
Interventional Therapies

VI170-ED-WEB11 (Wed, 12:45-1:15 PM, Station #11)
Clinical Applications of Dynamic Density Optimization
(DDO) in Body Digital Angiography: What the Radiologist
Needs to Know

VI171-ED-THA8 (Thu, 12:15-12:45 PM, Station #8)
Neck Magnetic Resonance Angiography for Determination
of Neointimal Coverage of the Stenting Site After Carotid
Artery Stenting

VI172-ED-THA9 (Thu, 12:15-12:45 PM, Station #9)
Biopsy Request? Not so Fast, It's a Pseudomass! Common
and Uncommon Mimickers of Disease in the Abdomen and
Pelvis

VI173-ED-THB9 (Thu, 12:45-1:15 PM, Station #9)
Need-To-Know Things About Interventional Procedures
Related to Portal Venous System

VI174-ED-THB10 (Thu, 12:45-1:15 PM, Station #10)
Contrast Enhanced Magnetic Resonance Lymphangiography
for Various Thoracoabdominal Lymphatic Diseases

VI175-ED-TUB11 (Tue, 12:45-1:15 PM, Station #11)
What Should Diagnostic Radiologists Know About
Endoscopic Ultrasound-Guided Biliary Intervention?

VI200-SD-SUA1 (Sun, 12:30-1:00 PM, Station #1)
Significant Importance of Novel Direct Eye Dosimeter
and Protective Lead Devices for Complying with ICRP
Recommended Limit for the Eye Lens in Transarterial
Chemoembolization for HCC

VI201-SD-SUA2 (Sun, 12:30-1:00 PM, Station #2)
Citation Analysis of Interventional Radiology Articles:
General Radiology Journals vs. a Dedicated Interventional
Radiology Journal

VI202-SD-SUA3 (Sun, 12:30-1:00 PM, Station #3)
The ALARA Principle in CT Guided Intervention

VI203-SD-SUA4 (Sun, 12:30-1:00 PM, Station #4)
Injection System and Navigation of Magnetic Microbeads
Using MRI Gradients

VI204-SD-SUA5 (Sun, 12:30-1:00 PM, Station #5)
No Inferiority of Tonbridge Thrombectomy Device for Acute
Thrombus Retrieval Compared with Solitaire Device: An
Experimental Evaluation Study

VI205-SD-SUA6 (Sun, 12:30-1:00 PM, Station #6)
Does RFA Treatment Induce Neoplastic Changes in Benign
Thyroid Nodules: A Preliminary Study

VI206-SD-SUB1 (Sun, 1:00-1:30 PM, Station #1)
Ovarian Function Following Uterine Artery Embolization or
Surgery for Symptomatic Uterine Fibroids: A Meta-Analysis

VI207-SD-SUB2 (Sun, 1:00-1:30 PM, Station #2)
Selective Penile Arterial Embolization Does Not Affect
Long-Term Erectile Function in Patients with High-Flow
Priapism: An 18-Year Experience

VI208-SD-SUB3 (Sun, 1:00-1:30 PM, Station #3)
Effective Dose Management Using Fluoroscopy Save
Technique for DSA (Digital Subtraction Angiography)

VI209-SD-SUB4 (Sun, 1:00-1:30 PM, Station #4)
Establishing Expected PET/CT Imaging Response Following
Radioembolization for Breast Cancer Liver Metastases

VI210-SD-SUB5 (Sun, 1:00-1:30 PM, Station #5)
A Multiple Combined Approach (Ablation, Consolidation and
Radiotherapy) in the Management of Painful and Osteolytic
Metastases of the Spine Only: Experience of a Single Center

VI211-SD-SUB6 (Sun, 1:00-1:30 PM, Station #6)
EZ-Access: A Novel 3D Printed Groin Puncture Device

VI212-SD-MOA1 (Mon, 12:15-12:45 PM, Station #1)
Intraprocedural FDG Perfusion PET During PET/CT Guided
Liver Tumor Ablation for Assessment of the Ablation Margin

VI213-SD-MOA2 (Mon, 12:15-12:45 PM, Station #2)
Clinical Impact of Bone Biopsy on Treating Osteomyelitis of
the Foot: A Single Tertiary Institution Experience

VI214-SD-MOA3 (Mon, 12:15-12:45 PM, Station #3)
TIPS in Cirrhotic in Patients with Complications of Portal Hypertension: A Single-Centre Preliminary Experience Using a New Controlled-Expansion e-PTFE Covered Stent

VI215-SD-MOA4 (Mon, 12:15-12:45 PM, Station #4)
Transvaginal Pelvic Interventions: A Road Less Traveled

VI216-SD-MOA5 (Mon, 12:15-12:45 PM, Station #5)
Notions of Pre-Procedural Anxiety in the Realm of Interventional Radiology

VI217-SD-MOA6 (Mon, 12:15-12:45 PM, Station #6)
Prostate Artery Embolization: How Does Additional Cone-Beam-CT Influence the Procedure

VI218-SD-MOA7 (Mon, 12:15-12:45 PM, Station #7)
Intrahepatic Cholangiocarcinoma: Treatment Approaches and Survival Trends for Surgically Ineligible Patients

VI219-SD-MOB1 (Mon, 12:45-1:15 PM, Station #1)
Clinical Impact of Collateral Circulation in Patients with Median Arcuate Ligament Syndrome

VI220-SD-MOB2 (Mon, 12:45-1:15 PM, Station #2)
Inconclusive Computed Tomography Angiography for Pulmonary Embolism: The Importance of Significant Venous Compression in the Thoracic Outlet

VI221-SD-MOB3 (Mon, 12:45-1:15 PM, Station #3)
Radiopaque 3D Printed Phantoms for Simulation and Development of CT-Guided Procedures

VI222-SD-MOB4 (Mon, 12:45-1:15 PM, Station #4)
Endovascular Uterine Artery Embolization in Symptomatic Leiomyomas: A Single Center Experience

VI223-SD-MOB5 (Mon, 12:45-1:15 PM, Station #5)
Locoregional Treatments for Unresectable Early Stage HCC in Patients with High Risk for Intraprocedural Bleeding: Is Single-Step Combined Therapy Safe and Feasible?

VI224-SD-MOB6 (Mon, 12:45-1:15 PM, Station #6)
Cost Efficiency of Lung Biopsy Tract Collagen Solution Injection (BTCL)

VI225-SD-TUA1 (Tue, 12:15-12:45 PM, Station #1)
Tumescence Anesthesia Solution-Assisted Laser Ablation Treatment of Lower Limb Varicose Veins: Effect of Temperature of Tumescence Anesthesia Solution on Intraoperative and Postoperative Pain, Clinical Observations, and Nursing Care

VI226-SD-TUA2 (Tue, 12:15-12:45 PM, Station #2)
The Applications of Time Resolved Imaging of Contrast Kinetics (TRICKS) in the Assessment of the Proximal Venous System of Dialysis Patients

VI227-SD-TUA3 (Tue, 12:15-12:45 PM, Station #3)
Incidence of Post-Biopsy Arteriovenous Fistula in Native and Transplant Kidneys

VI228-SD-TUA4 (Tue, 12:15-12:45 PM, Station #4)
Increased Hepatic Metastatic Growth following Radiofrequency Ablation

VI229-SD-TUA5 (Tue, 12:15-12:45 PM, Station #5)
Transarterial Chemoperfusion (TACP) and Transvenous Pulmonary Chemoembolization (TPCE) for the Treatment of Primary Lung Cancer

VI230-SD-TUA6 (Tue, 12:15-12:45 PM, Station #6)
Differential Diagnosis of Bland and Neoplastic Portal Vein Thrombosis with Dual Energy Spectral CT

VI231-SD-TUA7 (Tue, 12:15-12:45 PM, Station #7)
CT Angiography of Entire Aorta with 30ml Contrast Medium Volume at 70kVp: Comparison with a Standard Protocol

VI232-SD-TUA8 (Tue, 12:15-12:45 PM, Station #8)
O2-O3 Chemiodyscolysis and O2-O3 Retreatment: A Retrospective Outcome Evaluation of Different Multiple-Treatment Sessions in Partially-Responder Patients

VI233-SD-TUB1 (Tue, 12:45-1:15 PM, Station #1)
The Early Evaluation of Carotid Arterial Elasticity in Patients with Prediabetes Using Pulse Wave Velocity by Ultrafast Imaging

VI234-SD-TUB2 (Tue, 12:45-1:15 PM, Station #2)
Application Value of 4D CT Angiography in Spinal Artery Imaging

VI235-SD-TUB3 (Tue, 12:45-1:15 PM, Station #3)
Analyzing the Costs of Mechanical Thrombectomy in Acute Stroke in Our Reference Center over a Population of 390,000 Inhabitants

VI236-SD-TUB4 (Tue, 12:45-1:15 PM, Station #4)
Common Femoral Vein Lumen Area on MR Venography Changes with Patient Position and Hydration Status

VI237-SD-TUB5 (Tue, 12:45-1:15 PM, Station #5)
Spectral CT Angiography Demonstration of the Lateral Circumflex Femoral Artery Descending Branch for Anterolateral Thigh Flap: Comparison of Monochromatic and Polychromatic Imaging

VI238-SD-TUB6 (Tue, 12:45-1:15 PM, Station #6)
Preliminary Study of US-PET Fusion Virtual Navigation in
Ultrasound-Guided Biopsy

VI239-SD-TUB7 (Tue, 12:45-1:15 PM, Station #7)
Novel Needle Based Sensors for Guiding Tissue Biopsies

VI240-SD-TUB8 (Tue, 12:45-1:15 PM, Station #8)
Single-Center Experience of IVC Filter Placement and
Retrieval Practice Patterns

VI241-SD-WEA1 (Wed, 12:15-12:45 PM, Station #1)
MR Lymphography in Patients with Lymphedema: Does
Compression Therapy Increase False Negative Cases?

VI242-SD-WEA2 (Wed, 12:15-12:45 PM, Station #2)
Assessing Lag Time after CTA in the Diagnosis of Acute
Lower Gastrointestinal Bleed on Catheter Angiography:
Towards Improving Yield

VI243-SD-WEA3 (Wed, 12:15-12:45 PM, Station #3)
CEUS Monitoring of Intratumoral Microcirculation After
Electroporation of Liver Tumors

VI244-SD-WEA4 (Wed, 12:15-12:45 PM, Station #4)
Simultaneous Noncontrast Angiography and IntraPlaque
Hemorrhage (SNAP) Imaging for Cervical Artery
Dissections

VI245-SD-WEA5 (Wed, 12:15-12:45 PM, Station #5)
Mid-Term Result of Thoracic Endovascular Aortic Repair in
Octogenarians and Nonagenarians

VI246-SD-WEA6 (Wed, 12:15-12:45 PM, Station #6)
Psoas Muscle Density in Combination with Model of
End-Stage Liver Disease Score Can Improve Survival
Predictability Following Transjugular Intrahepatic
Portosystemic Shunt

VI247-SD-WEA7 (Wed, 12:15-12:45 PM, Station #7)
Carotid Occlusions in the Setting of Acute Stroke

VI248-SD-WEA8 (Wed, 12:15-12:45 PM, Station #8)
The Effects of miR-34a on the Function of Human Colon
Cancer Cell SW480 and Growth of Subcutaneous Xenograft
Tumor

VI249-SD-WEA9 (Wed, 12:15-12:45 PM, Station #9)
Risk Assessment of Chronic Kidney Disease Following
Thermal Ablation: Comparative Assessment of
Radiofrequency, Cryo-and Microwave Ablation for T1a
Renal Masses

VI250-SD-WEB1 (Wed, 12:45-1:15 PM, Station #1)
A Study on Microwave Ablation Technique Using a Newly
Developed Microwave Surgical Instrument. in Vivo Study in
a Rabbit Liver Model

VI251-SD-WEB2 (Wed, 12:45-1:15 PM, Station #2)
Percutaneous Vesselplasty in Osteolytic Primary or
Secondary Vertebral Lesions After the Radiofrequency
Ablation: A Safe and Effective Technique

VI252-SD-WEB3 (Wed, 12:45-1:15 PM, Station #3)
Analyzing the Effectiveness of Pericardial Drain Size on
Short Term Complications and Recurrence as a Palliative
Care Option for the Treatment of Symptomatic Pericardial
Effusion

VI253-SD-WEB4 (Wed, 12:45-1:15 PM, Station #4)
Preoperative Endoscopic versus Percutaneous Biliary Stent
Placement for Obstructive Jaundice before Pancreatectomy:
An Analysis of the National Surgical Quality Improvement
Program

VI254-SD-WEB5 (Wed, 12:45-1:15 PM, Station #5)
The Diagnostic Value of Noncontrast-Enhanced ECG-Gating
Quiescent-Interval Single-Shot (QISS) MR Angiography in
Lower Extremity Peripheral Arterial Disease

VI255-SD-WEB6 (Wed, 12:45-1:15 PM, Station #6)
Safety of Combining Everolimus with Transarterial
Embolization in Patients with Metastatic Neuroendocrine
Tumor to the Liver

VI256-SD-WEB7 (Wed, 12:45-1:15 PM, Station #7)
Not All M2 Branches are Alike: Failure of Frontal Division
Recanalization Utilizing Mechanical Thrombectomy

VI257-SD-WEB8 (Wed, 12:45-1:15 PM, Station #8)
Frequency and CTA-based Volumetric Analysis of
Endoleaks after Fenestrated Endovascular Aortic Aneurysm
Repair (FEVAR) using Custom and Off-the-Shelf Devices

VI258-SD-WEB9 (Wed, 12:45-1:15 PM, Station #9)
Radiofrequency Versus Microwave Liver Ablation.
Preliminary Results of a Randomized Clinical Trial

VI259-SD-THA1 (Thu, 12:15-12:45 PM, Station #1)
Does Transfusion of Fresh Frozen Plasma Decrease the
Rate of Paracentesis Related Hemorrhagic Complications in
Coagulopathic Patients?

VI260-SD-THA2 (Thu, 12:15-12:45 PM, Station #2)
Patterns of Regional Lymph Node Recurrence After
Definitive Radiotherapy for Cervical Cancer Patients

VI261-SD-THA3 (Thu, 12:15-12:45 PM, Station #3)
Surgery, Medicine, or Transitional Year? Comparison
of Internship Year for Those Going into Interventional
Radiology with Retrospective Analysis of the RFS Survey of
Trainees

VI262-SD-THA4 (Thu, 12:15-12:45 PM, Station #4)
"Dark Blood" Dual-Energy CT Imaging Using a Dedicated
Material Decomposition Method

VI263-SD-THA5 (Thu, 12:15-12:45 PM, Station #5)
Super Flexible Metallic Stents Insertion for the Management
of Malignant Tortuous Hepatic or Splenic Flexure Colonic
Obstruction

VI264-SD-THA6 (Thu, 12:15-12:45 PM, Station #6)
Multifunctional Embolic Beads Development for Image-
Guided Transarterial Embolization

VI265-SD-THA7 (Thu, 12:15-12:45 PM, Station #7)
Reduction in the Efficacy of Irreversible Electroporation for
the Ablation of Colorectal Liver Metastases in the Presence
of Metallic Objects Can Be Modeled with Computer
Simulations

VI266-SD-THB1 (Thu, 12:45-1:15 PM, Station #1)
Superman X-Ray Vision Smart Glasses Guidance for
Percutaneous Biopsy and Ablation

VI267-SD-THB2 (Thu, 12:45-1:15 PM, Station #2)
The Availability of Interventional Radiology Rotations at
Medical Schools in the United States

VI268-SD-THB3 (Thu, 12:45-1:15 PM, Station #3)
The Predictor of Pulmonary Artery Pressure
Improvement of Balloon Pulmonary Angioplasty for
Chronic Thromboembolic Pulmonary Hypertension: Initial
Experience of the CT Voronoi Diagram-based Lung Volume
Measurements

VI269-SD-THB4 (Thu, 12:45-1:15 PM, Station #4)
Long-Term Outcomes of Radiofrequency Ablation for Locally
Recurrent Papillary Thyroid Cancer

VI270-SD-THB5 (Thu, 12:45-1:15 PM, Station #5)
Differences in Adherence and Reported Occupational
Dose for One- versus Two-Badge Monitoring Protocols
Among Medical Staff Performing or Assisting with
Fluoroscopically-Guided Interventional Procedures

VI271-SD-THB6 (Thu, 12:45-1:15 PM, Station #6)
Utility of Change in Volumetric ADC and Enhancement Post
TACE in Predicting Histologic Grade of HCC with Pathologic
Correlation

VI272-SD-THB7 (Thu, 12:45-1:15 PM, Station #7)
Analysis of Imaging Features of Bone Changes with The
Chylous Reflux Lymphedema

VI273-SD-THB8 (Thu, 12:45-1:15 PM, Station #8)
MRI and US Volume Measurement Differences May Predict
Success of Prostate Fusion Biopsy