

RSNA 2017 - 103rd Scientific Assembly and Annual Meeting Award Winners

Magna Cum Laude

BR124-ED-TUA7

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

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E. Brachiel, MD
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S.L. Heller, MD, PhD*

BR170-ED-MOAB

Conventional and Advanced DWI Models for Breast Lesions Evaluation: A Pocket Guide from ADC to Kurtosis

*T. Martin, MD, Jaen SPAIN
P. Caro, MD
J. Broncano, MD
C. Tirado, MD
A. Luna, MD*

CA114-ED-X

Atrial Septal Defect: Comprehensive Three-dimensional Reconstruction Using Dual-source Computed Tomography

*S. Mori, Kobe Japan
T. Nishii, MD, PhD
J.T. Tretter
D. Spicer
R. Anderson, MD*

CH128-ED-X

Calcific/Ossific Disorders of the Lungs and Pleura

*H. Jawad, MBBS, Saint Louis, MO
S. Bhalla, MD*

CH157-ED-X

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

*A.C. Jewison, BMBS, FRCR, Brighton United Kingdom
O. Duxbury, MBBS, BSc
J. Stokoe, MRCP, FRCR
N.D. Marchbank, MBBS
G.J. Burkill, MD
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ER103-ED-X

What TLICS Are You? Review of Thoracolumbar Spine Traumatic Fractures

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C. Utrilla, MD
C. Oterino Serrano, MBBS
A. Alvarez Muelas, MD
A. Linares Beltran
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ER114-ED-X

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

S.C. Spence, MD, Houston, TX

ER164-ED-THB5

MDCT of Laryngeal Injuries: Principles of Injury Recognition

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J.W. Uyeda, MD
A. Duran-Mendicuti, MD
C.A. Potter, MD
D.B. Nunez JR, MD, MPH*

GI144-ED-X

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

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M.G. Lubner, MD
A.K. Dasyam, MD
S.R. Prasad, MD
C.O. Menias, MD
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GI192-ED-X

Current Status of the Imaging Biomarkers Predicting Biological Nature of Hepatocellular Carcinoma

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O. Matsui, MD
A. Kitao, MD
K. Kozaka, MD
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IN102-ED-X

Contextual Radiology Reporting: A New Approach to Structured Templates

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MI107-ED-X

Revisiting Prostatic Cancer Recurrence with PSMA PET Imaging: An Atlas of Typical and Atypical Spread of Neoplastic Disease

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M.A. Queiroz, MD
J.F. Marin, MD
P.C. Viana, MD
R.F. Nunes, MD
A.M. Coutinho, MD, DSc*

MK103-ED-SUA6

A Funny Thing Happened on the Way to the Sternum

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M. Cohen, MD
T.A. Gorbachova, MD
H. Son, MD*

MK154-ED-THB6

Think Different: Sorting Out Osteochondral Lesions of the Knee

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MK195-ED-X

Fasciae in Auto-immune Diseases: When the Invisible Becomes Visible

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X. Demondion
C. Galant, MD
C. Mourad, MD
S. Acid, DO*

NR111-ED-X

Glioma Response Assessment: Classic Pitfalls, Novel Confounders, and Emerging Imaging Tools

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C.H. Hunt, MD
P.P. Morris, MBBS
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NR169-ED-THA7

Imaging Evaluation of Patients with Unilateral Cleft Lip and Palate for Treatment Planning and Follow-up from Birth until Adulthood

*M. Gomez Chiari, MD, Barcelona SPAIN
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A. Rivera
M. Rebollo, MD
E. Luque
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NR178-ED-X

Evaluating the Utility of CT Perfusion for Head and Neck Tumors

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M.N. Chapman, MD
O. Sakai, MD, PhD
A. Uchino, MD, PhD*

NR206-ED-X

New Acceleration Techniques in Neuroimaging: Why and How to Beat the Clock

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S. Gerber
M.H. Rodallec, MD
J. Hodel*

OB112-ED-TUB1

Doppler for Babies! A Guide to the Performance and Interpretation of Doppler in Obstetric Ultrasound

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PD162-ED-X

Congenital Limb-Length Discrepancy and Associated Vascular Anomalies: An Imaging Review of Presentation, Differential Diagnosis, and Treatment Options

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C. Hawkins, MD
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S.S. Milla, MD*

PH116-ED-X

Deep Learning in Medical Image Analysis: What's Next?

*I. Isgum, PhD, Utrecht NETHERLANDS
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M. Zeik, MSc
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UR108-ED-X

Be Aware of Tube Potential Setting When Interpreting Renal Masses on CT

*S. Kawamoto, MD, Laurel, MD
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UR164-ED-X

The Lowdown on Lower GU: Lower Urinary Tract Neoplasms, Preoperative and Postoperative Imaging

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VI107-ED-X

Percutaneous Bone and Spine Consolidation in Cancer Patients: Who and How?

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VI124-ED-TUB9

4D Flow MRA: Diverse Clinical Applications of Hemodynamics

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Cum Laude

BR106-ED-X

Imaging of Recurrent Breast Cancer

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M. Lara Alvarez
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BR156-ED-X

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

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BR173-ED-TUA8

Best Screening Practices for High-Risk Patients of All Ages: What to Do and When

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J.L. Geisel, MD
E. Hofstatter, MD
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BR178-ED-X

Ultrasound Approach to Nipple-Areolar Complex: What the Radiologist Should Know

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D.S. Feier, MD
D. Eniu
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BR203-ED-X

Nipple Discharge: What Radiologists Need to Know

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CA104-ED-SUB6

Multimodality Imaging of Complications of Cardiac Valve Surgeries

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CA128-ED-X

Imaging the Pulmonary Valve

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CH118-ED-X

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

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CH134-ED-X

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

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CH137-ED-X

Opportunities for Translation of Quantitative Imaging Biomarkers into Clinical Cardiothoracic CT

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CH174-ED-TUB5

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

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CH188-ED-SUA6

Lung Cancer Operative Planning: What the Surgeon Wants to Know

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ER107-ED-SUB4

Acute Nontraumatic Back Pain: Infection or Mimic

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ER109-ED-X

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

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ER111-ED-X

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

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ER149-ED-X

Pattern Recognition Mechanism-Based Injury Approach

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ER168-ED-X

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

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GI003-EB-X

Cystic Lesions of Upper Gastrointestinal Tract

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GI114-ED-X

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

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GI142-ED-X

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

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GI143-ED-X

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

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GI145-ED-X

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

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GI172-ED-X

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

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GI179-ED-X

Endoscopic Interventions in Pancreatitis: What the Advanced Endoscopist Wants to Know

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GI205-ED-X

Exploring Uncharted Territory: The Mesentery - A Newly-Classified Organ in the Human Body

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RSNA 2017 Award Winners

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GI278-ED-TUB6
MRI of Mucinous Rectal Adenocarcinoma: Imaging of A Unique Rectal Cancer Subtype

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IN115-ED-X
Radiology Engagement Project (REP): A Novel Online Tool for Public Health Engagement Using Radiology

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R.D. White, MBChB, FRCR, Cardiff UNITED KINGDOM
I.A. Zealley, MBChB
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IN118-ED-X
3D Imaging in Radiology: What a Long Strange Trip It's Been

E.K. Fishman, MD, Baltimore, MD

MK123-ED-WEA7
Facing Consequences of Elbow Dislocations: Imaging Findings of Recurrent Instability

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H.J. O'Rourke, MD
M. Hall, MD
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MK128-ED-THA7
Tips for Evaluating the Plantar Plate of the Metatarsophalangeal Joints in MRI: Normal and Pathological Findings

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MK132-ED-X
Talar Trauma: What the Orthopedist Wants to Know

*J.A. Vossen, MD, PhD, Richmond, VA
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K.B. Hoover, MD, PhD*

MK180-ED-X
Radiological Review of the Skull Lesions

*C.K. Gomez, DO, Rochester, NY
S.R. Schifman, MD*

MK203-ED-WEB8
ALTR, ALVAL, ARMD, and Pseudotumors: What is the Difference and What Does the Radiologist Need to Know?

*P.H. Yi, MD, Baltimore, MD
C.J. Della Valle
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MK221-ED-X
The Wild Mountain West: Rare Tumor and Tumor-Like Entities Presenting to a Quaternary Referral Oncologic Orthopedic Center with a Wide Catchment Area in the Past Year

*Z. Smith, MD, Salt Lake City, UT
M. Mills, MD
C.J. Hanrahan, MD, PhD
A.K. McGow, MD, MBA
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B.G. Hansford, MD*

MK230-ED-X
First Do No Harm: A Review of Don't Touch Iatrogenic and Normal Variant Pseudolesions in Musculoskeletal Imaging

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B.G. Hansford, MD
M. Mills, MD
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MK243-ED-X
Musculoskeletal Lipomatous Tumors: A Pictorial Review with Emphasis on the Radiologist's Role

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D.B. Patel, MD
A. Tomasian, MD
E.A. White, MD
T. Hassan, MD*

MS129-ED-X
Sheep in Wolves' Clothing: Benign Mimics of Cancer in the Abdomen and Pelvis

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S.C. Eberhardt, MD
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NM101-ED-SUB5
Manifestations of Periosteal Pathology on Tc-99m MDP Skeletal Scintigraphy

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NM108-ED-X
Molecular Imaging with Ga68-DOT-ATATE PET/CT: Neuroendocrine Tumors and Beyond

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I. Garg, MBBS
A.H. Goenka, MD
G.B. Johnson, MD, PhD
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NR113-ED-SUB5
Intraoperative Ultrasound in Spine Surgery: A New View of Spinal Pathology

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NR124-ED-X
Imaging of Skull Vault Tumors in Adults: Diagnosing in No-man's Land

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NR186-ED-X
Demystifying the Paraclinoid Region of the Internal Carotid Artery

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NR189-ED-X
Dedicated 3D High Resolution 3T Vessel Wall MR Imaging in Cerebrovascular Diseases

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NR193-ED-X
Craniofacial Pain: What to Look for and Where

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NR221-ED-X
What is Your Diagnosis? A Pictorial Review of Head and Neck Muscular Pathology

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NR240-ED-X
Cerebellar Atrophy in Children: An Approach of the Differential Diagnoses

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NR265-ED-THA8
Ultrasound of the Oral cavity and Its Surrounding Structures: A Play of Techniques!

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NR321-ED-X
Brainstem Neuroanatomy: Correlation of In vivo and Post Mortem 7T Images and Histology

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OB128-ED-X
What the Radiologist Needs to Know About the Female Genital Organs and Their Suspensory Ligaments: A Pictorial Review

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OB157-ED-X
Ultrasound of the First Trimester Pregnancy

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OB162-ED-X
An Imaging Lexicon of Ovarian Masses by Histological Subtype

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PD114-ED-TUA6
Tip of the Tongue Diagnosis: Imaging Appearance of the Most Common Congenital Oral Masses

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PD141-ED-MOA7
Role of Whole-body MRI in the Clinical Evaluation of Pediatric Cancer: State of the Art

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PD173-ED-X
Pediatric Brain Tumor Genetics: What the Radiologist Needs To Know

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PH005-EB-X
The Physics of Diffusion MRI and its Applications in Oncology

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UR124-ED-MOB7
MRI of the Penis: Shedding Light on a Small Part

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UR127-ED-X
Augmentation Urethroplasty Repair for Anterior Urethral Stricture: Everything the Radiologist Needs to Know from Initial Imaging Evaluation to Post-operative Assessment and Patient Management

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UR135-ED-WEB7
Imaging Complications of Intravesical BCG Therapy for Bladder Cancer

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UR181-ED-X
Venous Thrombosis Secondary to Renal Neoplasm: Radiological Assessment

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UR185-ED-X
A Tale of Two Tumors: Current Update in Genetics and Imaging of Pheochromocytomas and Paragangliomas

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V105-ED-X
MR Angiography of Deep Inferior Epigastric Arteries Before Free Flap Breast Reconstruction

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V145-ED-X
Establishing a Hereditary Hemorrhagic Telangiectasia Center of Excellence: A How-to Guide

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V164-ED-X
Redefining Diagnosis and Management of Budd-Chiari Syndrome

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V176-ED-X
Lung Ablation: Post-procedure Follow-up Imaging Patterns

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V191-ED-X
Pelvic Trauma: The Angiographic Answers In The Open Book

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Certificate of Merit

BR101-ED-X
Breast Cancer Subtyping: A Radiopathological Review of Current Concepts, Different Imaging Features and Response After Neoadjuvant Therapy in Different Subtypes of Breast Cancer

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BR105-ED-X
Pre-operative Breast MRI in Patients with DCIS: Is it Worth It?

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BR107-ED-X
Excision or Observation: The Dilemma of Managing High Risk Breast Lesions

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BR111-ED-SUA6
Breast Density Matters

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BR113-ED-X
Spot the Change: Interactive Case Based Review of Subtle Signs of Breast Cancer on Mammography

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BR114-ED-X
A Practical Guide to Superficial Breast Pathologies

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BR116-ED-SUB6
The Breast Radiologist as a Public Educator: Designing an Effective Presentation for a Lay Audience

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BR117-ED-X
Oh Man! Male Breast Disease: More than Just Gynecomastia

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BR120-ED-X
Internal Mammary Lymph Node Metastases in Breast Cancer: What Should Radiologists Know?

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BR121-ED-X
Tips and Tricks: Implementation and Interpretation of Synthesized 2D (sDM) Mammogram in Clinical Practice

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BR123-ED-MOB7
Catch Me if You Can: Image Gallery of Incidental Breast Findings on Body CT Exams

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BR125-ED-X
Have No Fear of Perfection: You'll Never Reach It -Salvador Dali: The Frightening Reality of Interval Cancers

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BR131-ED-X
Breast MRI: Lactation Tribulation

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BR133-ED-X
New Staging System for Breast Cancer: Emphasis on the Prognostic Stage

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BR139-ED-TUB7
3D Automated Breast Ultrasound Facts and Artifacts

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BR151-ED-X
Will You Pass the Test? Radiology-Pathology Correlation of Infectious, Inflammatory, and Vascular Lesions of the Breast

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BR154-ED-X
Male Breast Cancer Detection in the Age of Genetic Testing: An Opportunity for Early Detection, Targeted Therapy, and Follow-Up in This High Risk Group

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BR165-ED-X
Look Before You Leap: Complications in the Post-Procedural Breast and What to Expect On Post-Procedure Imaging

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BR168-ED-X
From Screening to Breast Biopsy in Octogenarian Women: Special Considerations

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BR171-ED-X
Optimize Image Quality in Breast RM: A Pictorial-Based Guide for Residents

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BR206-ED-X
It Seems to Be but It's Not: Benign B5

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CA103-ED-SUA6
IgG4-related Cardiovascular Diseases: MDCT and FDG PET/CT Features of Inflammatory Aortitis/Periaortitis, Periarthritis, Coronary Artery Aneurysm, and Pericarditis

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

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CA126-ED-X
Patient-Specific Blood Flow Analyses using Computational Fluid Dynamics: An Illustrated Step-by-Step Guide with Examples from CT Fractional Flow Reserve, Endothelial Shear Stress, Abdominal Aortic Aneurysms and Congenital Heart Disease

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CA132-ED-X
4D Flow MR in Cardio-Vascular Imaging: When Myth Becomes Reality

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CA134-ED-X
Bands in the Heart: A Multimodality Imaging Review

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CA138-ED-X
Cardiac MR Strain: Strain Encoded Imaging

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CA140-ED-THA7

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

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CA142-ED-X

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

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CA143-ED-X

Intracardiac Thrombus: Pathophysiology, Imaging Characteristics and Differential Diagnosis

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CH011-EB-X

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

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CH100-ED-X

Beyond Pulmonary Embolism: Non-thrombotic Pulmonary Embolism as Diagnostic Challenges

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CH104-ED-X

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

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CH107-ED-X

Smoke: Non-Uniform Intravascular Contrast Enhancement on Chest CT

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CH108-ED-SUB5

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

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CH109-ED-X

High-Density Material in the Pleural Space

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CH113-ED-X

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

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J.P. Kosiuk, MD
A.M. Ajlan, MD
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CH129-ED-X

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

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S.L. Betancourt Cuellar, MD
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CH151-ED-TUA6

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

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Y. Oshiro, MD
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CH161-ED-X

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

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CH162-ED-X

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

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CH169-ED-X

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

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S. Grubnic, MD
A. Goldman
J. Du Parcq, MBBS

CH173-ED-X

The Many Faces of Leukemia in the Thorax

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CH175-ED-X

Radiologic Findings of Postoperative Complications after Thoracic Surgery

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CH180-ED-X

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

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CH184-ED-THA7

Thoracic Imaging in PET-CT: When CT Makes the Difference (Case-Based) L.E. Lepore, MD, Caba Argentina

M.V. Ramos
M. Volpacchio, MD
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CH186-ED-X

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

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CH194-ED-SUB6

Practical Dual-Energy CT Workflows for Problem-Solving in Chest Imaging

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CH199-ED-X

Test Your Knowledge: Benign Lesions of the Adult Esophagus

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CH201-ED-X

Lessons from Thoracic Oncologic Multidisciplinary Conference: What the Radiologist Needs to Know

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CH207-ED-X

When Vasculitis Manifests in the Thorax: Spectrum of Imaging Findings

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CH221-ED-MOB7

Fibrotic Interstitial Lung Disease: Stepwise Method of Interpretation

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J.T. Debardeleben, MD
S.I. Katz, MD
E.J. Mortani Barbosa, MD

ER108-ED-X

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

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J.A. Graves, MD
P.D. Filev, MD
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ER113-ED-X

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

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ER116-ED-X

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

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ER120-ED-X

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

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ER133-ED-X

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

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ER134-ED-X

CT of Pelvic Fractures: Back to Basics

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ER145-ED-X

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

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ER148-ED-X

Percutaneous Gastrostomy: It's Complicated

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ER152-ED-X

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

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ER154-ED-X

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

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ER156-ED-WEB5

ED Resident Readiness: Primer on Diagnostic Errors

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GI005-EB-X

Imaging of Long Term Sequelae in Hepatopancreaticobiliary IgG-4 Related Disease A. Parakh, MBBS, MD, Boston, MA

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GI101-ED-X

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

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GI107-ED-X

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

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GI112-ED-X

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

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GI120-ED-X

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

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GI127-ED-X

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

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GI128-ED-X

Cecum: Diagnosing Pathology and Avoiding Pitfalls

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GI131-ED-X

Challenges in Pancreatic Cancer Detection: Lessons Learned from Difficult Cases

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GI134-ED-X

Imaging Review of Small Bowel Neoplasms

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GI137-ED-X

Lost in the Surgical Procedure: A Survival Guide

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GI139-ED-X

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

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GI149-ED-X

Wait! It's Not a Tumor!: Pitfalls in Pancreatic Imaging

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GI150-ED-X

Jejunioileal Diverticulosis and Its Complications: A Pictorial Review

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GI155-ED-X

Cholangiocarcinoma: What the Surgeon Needs to Know

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GI160-ED-X

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

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GI165-ED-X

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

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GI166-ED-X

Advanced Endoscopic Procedures: What the Radiologist Needs to Know

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GI183-ED-X

Not Only Rectal Cancer is Present in Anorectal and Perirectal Region: Look Beyond

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GI184-ED-X

Ultrasound for Chronic Liver Disease: How We Do It

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GI193-ED-X

Applied Peritoneal Anatomy: Imaging Concepts

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GI200-ED-X

Hard to Swallow: Fluoroscopic Spectrum of Dysphagia – Can You Make the Right Diagnosis?

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GI218-ED-X

Peroral Endoscopic Myotomy (POEM): New Challenges for the Radiologist

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GI225-ED-X

Uncommon Intraluminal Tumors of Gallbladder and Biliary Tract: Spectrum of Imaging Appearances

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GI234-ED-X

MR Imaging of Rectal Cancer Made Simple: How to Do It and What to Report

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GI249-ED-X

Pictorial Review: LI-RADS Version 2017 Ancillary Features on MRI

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GI254-ED-X

Imaging Features and Recurrence Pattern of Sclerosing IgG4-Related Disease: Our Experience and Literature Review

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GI257-ED-X

Vascular Complications Related to Pancreatitis on MDCT: Lifesaving Checklist

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GI265-ED-X

Deciphering the Defecogram: A Comprehensive Review of Fluoroscopic Defecography

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GI275-ED-X

Sclerosing Cholangitis: Images and Pathophysiology

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GI283-ED-X

Goin' Old School: Tips for Doing a Perfect Barium Swallow

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GI289-ED-X

When Pancreas Goes Wild: An Approach of Exceptional Pancreatic Lesions and Features That May Help in Diagnosis

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GI299-ED-X

MR Enterographic Features of Bowel Tuberculosis and Changes After Therapy

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GI302-ED-X

Periportal Activity: Spectrum of Periportal Space Diseases

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F.R. Ferreira
M.C. Santana, MD
R. Bezerra, MD

GI307-ED-X**Spleenopedia***R. Pommier, Clichy FRANCE**P. Calame**V. Roche**P. Copin, MD**Y.M. Purcell, MBBCh**V. Vilgrain, MD***GI309-ED-X****Reporting Cholangiocarcinoma:****Straight to the Point***F.G. Velloni, MD, Sao Paulo Brazil**T.O. Morita, MD**R. Blasbalg, MD**G. Pinto, MD**F. Donato Junior***HP002-EB-WEA****Managing and Reducing the Scattered Radiation Dose in MDCT***T. Honda, BSC, Sendai Japan**F. Sato**Y. Inaba, PhD**S. Hitachi**S. Tachibana**K. Chida, PhD***HP101-ED-X****Inter-rater Reliability in Radiology: A Primer for Appropriate Use, Interpretation and Avoidance of Potential Pitfalls***C.E. Rydzak, MD, PhD, St Louis, MO**P. Colatat, PhD***HP102-ED-X****Quality over Quantity: What MACRA, MIPS and APMs Mean for the Future of Radiology***T. Li, MD, New Rochelle, NY**U. Hasan, DO**J.J. Jimenez-Ocasio, MD, BS**A. Rizvi, MD**Z. Irani, MD, MS**A.G. Gilet, MD***HP122-ED-X****How to Establish a Multivendor DECT Practice in a Multispecialty Institution***A. Parakh, MBBS, MD, Boston, MA**M. Patino, MD**D. Muenzel, MD**A.R. Kambadakone, MD**D.V. Sahani, MD***IN002-EC-TUB****Standing on the Shoulders of Giants: State-of-the-Art Deep-Learning Super-Resolution Imaging for Radiology***J. Ota, MS, Suita JAPAN**K. Umehara, MS**H. Numasaki, PhD**S. Takashima**T. Endo, MD**T. Ishida, PhD***IN111-ED-MOAS****3D Organ Printing for Dummies: 5 Steps to Success***S. Ramadan, Toronto CANADA**H. Naguib**N.S. Paul, MD***MI102-ED-X****Neuroendocrine Tumors: Spectrum of Imaging Appearances on Ga68 DOTATOC PETCT***D. Basavalingu, MBBS, Mysore India**S. Shivalingappa, DMRD**I.N. Desai, MBBS, DMRD**S. Sampangi, DMRD**M. Ashok Kumar, MBBS, MD**A.A. Kesari, DMRD***MI103-ED-X****18F-Fluoromisonidazole PET/CT for Assessment of Tumor Hypoxia: Current Concepts and Case Examples***R. Martinez Martinez, MD, Mexico City Mexico**B. Rivera Bravo, MD**A. Hernandez Villegas, MD***MI109-ED-X****Indications, Imaging Patterns and Advantages of 18F-FDG PET/CT in Identification and Management of Infectious and Inflammatory Diseases***R. Kabnurkar, MBBS, MD, Thane INDIA**N. Tuteja, MBBS**N. Kamat, MD**M. Rokade, MD**S. Dutta, MD***MK101-ED-X****From A to CYST: Imaging Review, Associated Pathologies and Differential Diagnoses of Soft Tissue and Intraosseous Cysts with Emphasis on Location and Etiology***D.V. Flores, MD, Makati PHILIPPINES**M. Estrada Castrillon, MD**C. Mejia Gomez, MD***MK109-ED-MOB8****Breaking Down Triangular Fibrocartilage Complex Injuries: Imaging Findings of TFCC Injury with Correlating Arthroscopic Appearances***J.D. Kirkland, MD, Davis, CA**B.S. Davis, DO**L. Edmonds, MD**D. Hess, MD***MK121-ED-X****Comprehensive Review of Iliopsoas Compartment Pathologies***S. Thipphavong, MD, Toronto Canada**J. Sammon, MBBCh***MK131-ED-X****Tendon Fiber Orientation and Insertional Anatomy: An Anatomical and Bio-mechanical Primer***J. Kaur**M. Williams**V. Wadhwa, MBBS, MD**R. Ram, MD**A. Chhabra, MD**T. Pandey, MD, FRCR, Little Rock, AR***MK137-ED-X****Unravel the Ankle: Diagnostic Pearls and Pitfalls in MR Imaging of the Ankle***D.V. Flores, MD, Makati PHILIPPINES**M. Estrada Castrillon, MD**C. Mejia Gomez, MD***MK138-ED-X****Sac Attack: A 35-Slide Guide to Bursitis***M. Estrada Castrillon, MD**C. Mejia Gomez, MD**D.V. Flores, MD, Makati PHILIPPINES***MK141-ED-X****Isolated Popliteomeniscal Fascicles Lesion: A Under Recognized Condition of Knee Pain***P.C. Kuenzer Goes, MD, Curitiba BRAZIL**F.M. Lima**F.N. Cardoso, MD**A.Y. Aihara, MD**H. Guidorizzi, MD**C.H. Longo, MD***MK143-ED-X****Shoulder Dislocation in the Elderly: Bad Trauma without All the Drama***J. Higgins, DO, Philadelphia, PA**T.A. Gorbachova, MD**M. Cohen, MD***MK147-ED-X****Meniscus Surgeries: Illustrative Review of Meniscal Tear Patterns, Repair and Replacement Options, and Imaging Evaluation and Findings***G.R. Matcuk JR, MD, Los Angeles, CA**H. Patel**M.R. Skalski, DO**D.B. Patel, MD**E.A. White, MD**A. Tomasian, MD***MK151-ED-X****Gluteoplasty in MRI: What Radiologists Should Know***M.A. Nico, MD**A. Ormond Filho, MD**F.D. Consolo, MD, Sao Paulo BRAZIL**D. Pastore, MD, PhD**F. Albertotti, MD**M.R. Souza, MD***MK159-ED-SUB7****Knowledge in your "SHIRT Pocket": Imaging and Differential Diagnosis of Distal Clavicle Osteolysis***S.R. Hole, MD, Fort Sam Houston, TX**L.T. Mansfield, MD***MK160-ED-MOAS****When the Envelope Is Poisoned: A Guide to Fascial Diseases in the Extremities***A.E. Killeen, MD, Saint Louis, MO**J.D. Stensby, MD**J.R. Long, MD**T.J. Hillen, MD**M.V. Friedman, MD**J.L. Demertzis, MD***MK166-ED-MOB9****All About the 1st Carpometacarpal Joint: Anatomy, Pathologic Conditions, and MRI Imaging***J. Park, MD, Seongnam-si KOREA, REPUBLIC OF**Y. Kang, MD**E. Lee**J. Lee, MD, PhD**J. Ahn, MD, PhD**H. Kang***MK181-ED-X****Is That a DVT?: Confident Diagnosis of DVT on Routine Knee MRI***K.J. Kuhn, MD, Stanford, CA**G.M. Riley, MD***MK196-ED-X****The Elbow: Review of Anatomy and Common Pathology of Collateral Ligaments using MRI***J. Acosta Baille SR, MD, Madrid SPAIN**M.D. Lopez Parra, MD**B. Palomino**P. Marazuela Garcia, MD**L. Alonso de Caso Garcia, MD**J. Blazquez Sanchez***MK197-ED-X****Imaging Features of Inflammatory Disorders of the Spine: A Pictorial Review***M.D. Lopez Parra, MD, Madrid SPAIN**J. Acosta Batlle SR, MD**B. Palomino**E. Garcia Santana, MD**P. Marazuela Garcia, MD**J. Blazquez Sanchez***MK204-ED-X****Non-oncologic Applications of PET in Musculoskeletal and Rheumatologic Imaging***A. Gholamrezaezhad, MD, Glendale, CA**A. Batouli, MD**O. Khalilzadeh, MD, MPH**S. Zubair**G.R. Matcuk JR, MD***MK222-ED-X****Three Strikes and You're Out? Challenges and Solutions of 3T MARS MRI of Metallic Implants of Knee***P.H. Yi, MD, Baltimore, MD**I. Khodarahmi, MD, PhD**L.M. Fayad, MD**F. Del Grande, MD, MBA**J. Fritz, MD***MK227-ED-X****Multimodality Imaging Review of Hip Arthroplasties: Normal Appearance and Complications***V. Kalia, MD, MPH, New York, NY**H.G. Potter, MD**Y. Endo, MD***MK232-ED-X****Ultrasound Feature in Arthroscopic Meniscal Repair System: Thwart the Traps!***P. Desbordes de Cepoy, Angers FRANCE**D. Ait Ali Yahia**C. Aube, MD, PhD**A. Coupury**V. Steiger**A. Bruno***MK237-ED-X****The Finger: The Fair, the Bad and the Ugly***S.E. Cleary, MD, Rochester, NY**S. Cheris**S.R. Schiffman, MD**G. Dieudonne, MD**V.M. Zayas, MD**J.U. Monu, MD***MK238-ED-X****Diffusion Weighted Imaging Demystified: The Technique and Potential Clinical Applications for Soft Tissue Imaging***S. Ahlawat, MD, Baltimore, MD**L.M. Fayad, MD***MK241-ED-MOB10****Fasciitis: Improving Diagnosis with MRI***M. Gomez Cabrera, MD, Cadiz Spain**A. Luna, MD**T. Martin, MD**I. Millan Ortega**F. Lara Pulido**M. Tienda Flores***MK247-ED-TUB9****Metal Artifact Reduction with Total Hip Replacement: Ultrashort Echo Time: Multispectral Imaging (UTE-MSI) and How it Compares to the Other Methods***P. Sirivanarangsun, MD, Bangkok THAILAND**J. Du, PhD**S. Statum**B. Tran**R. Biswas**W.C. Bae, PhD***MK248-ED-X****Gout Beyond Podagra: A Comprehensive Ultrasonographic Spectrum***N. Gouthi, MBBS, New Delhi INDIA**A.K. Sahu, MBBS, MD**B. Aggarwal, MBBS, MD***MK250-ED-WEA9****Lipomatous Lesions of Soft Tissue: More Than Superficial Lipoma***P.C. Kuenzer Goes, MD, Curitiba BRAZIL**A. Rosenfeld, MD**L.M. Sugawara SR, MD**F.N. Cardoso, MD**A.Y. Aihara, MD***MK251-ED-X****Discovering the Musculoskeletal Involvement in Systemic Sclerosis: Radiological Features According to Cutaneous Subtypes and Immunological Profile***C. Parra-Farinas, MD, Barcelona SPAIN**R. Dominguez Oronoz**L. Casas Gomila**C. Torrents, MD**M. De Albert**A. Rivas Garcia, MD***MK252-ED-X****Myositis, Myopathy, and More: Advanced MRI Techniques for Muscle Imaging***Y. Kalia, MD, MPH, New York, NY**D. Leung, MD**D.B. Sneag, MD**F. Del Grande, MD, MBA**J.A. Carrino, MD, MPH***MK258-ED-X****Whole-Body Imaging Modalities in Multiple Myeloma: What Radiologists Should Know About Diagnostic Criteria***A. Ormond Filho, MD, Boston, MA**B.C. Carneiro, Sao Paulo Brazil**I.P. Silva**D. Pastore, MD, PhD**S.R. Yamashita, MD**J.C. Vilhena, MD***MK259-ED-THA8****US Primer of Common Injuries In Tendon and Ligaments of the Hand***L.T. Miner, DO, Hershey, PA**C. Gustas-French, MD**J.M. Petscavage-Thomas, MD, MPH***MK262-ED-X****The Radiologist's Guide to the Sternoclavicular Joint: Anatomy, CT Arthrography, and Pathology***J.S. Hussein, MD, Boston, MA**M.P. Moy, MD**C.Y. Chang, MD**F.J. Simeone, MD***MK268-ED-X****From Home Runs to Hole-in-Ones: A Review of Sports Related Injuries of the Elbow Including Dynamic Sonographic Imaging Features, Clinical Symptoms, Mechanism of Injury and Treatment***D. Hillman, MD, Detroit, MI**C. Klochko, MD**C.E. Scher, DO***MK270-ED-X****Taking a Ride Along the Peroneus Longus Tendon Trail/Train**

NM102-ED-X

Adding Value: The Utility of PET/CT in the Diagnosis and Work-up of Sarcoidosis, with Focus on Atypical Presentations

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M. Itani, MD
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R.B. Assaker, MD
J. Ahuja, MD, MBBS
F. Behnia, MD

NM103-ED-X

Simultaneous Time-of-Flight (TOF) FDG PET/MRI-MRCP for Evaluation of Borderline Resectable Pancreatic Adenocarcinoma

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E.C. Ehman, MD
G.B. Johnson, MD, PhD
J.G. Fletcher, MD
B. Kemp, PhD
M. Truty

NM107-ED-X

If The Sugar Doesn't Fit, the Protein Won't Quit: 18 Fluoro-Ethyl-Tyrosine (18F-FET) Brain PET-CT as a Part of Multimodality Imaging in Clinical Neuro-Oncology

N. Shekhrjaka, MBBS
K.A. Modi, MBBS
Y. Yavarian
G. Moonis, MD
R.V. Fisker, MD
V.V. Iyer, MD, Aalborg Denmark

NM118-ED-X

What's New in the Molecular Imaging of Prostate Cancer? A Pictorial Review of Fluciclovine: The First F-18 Positron Emission Tomography (PET) Imaging Agent for Suspected Recurrent Prostate Cancer Approved by the Food and Drug Administration

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J.A. Aminsharifi, MD
M. Clemenshaw, MD, MS
S.B. Anderson, DO
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NM125-ED-X

Avoid Confusion by Using Fusion: SPECT/CT for the Diagnosis of Indeterminate Abdominal Lesions

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D.J. Wale, DO
B.L. Viglianti, MD, PhD
R.K. Brown, MD

NM135-ED-X

Clinical PET Imaging in Brain Tumor

Y. Yamamoto, MD, PhD, Kagawa Japan
T. Norikane
Y. Nishiyama, MD

NR003-EB-MOA

Update on Malformations of Cortical Development

D.F. Puello Correa, MD, Bogota D C COLOMBIA
M.P. Ortega Merchan
D.M. Rivera Marino, MD
C. Rodriguez Pulido, MD

NR010-EB-X

Advanced MRI for Intracranial Dural Arteriovenous Fistulas

K. Nishikawa, Toyama JAPAN
N. Naruto
H. Tannai
K. Yamagishi
M.U. Rehman
K. Noguchi, MD

NR011-EB-X

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

P. Wangaryattawanich, MD, Pittsburgh, PA
V. Agarwal, MD
H. Kale, MBBS, MD

NR024-EB-X

When Sleeping Becomes a Nightmare: Computer Tomography Evaluation of Sleep Apnea Syndrome with Muller Maneuver

A.P. Silva Hidalgo, MD, Mexico City MEXICO
L.A. Ruiz Elizondo, MD
A.M. Lopez, MD
Y.P. Silva Hidalgo, MD
D. Angulo Salazar, MD
M.C. Herrera-Zarza, MD

NR100-ED-X

Imaging of Extracranial Head and Neck Lesions: A Symptom-based Approach in Cancer Patients

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K. Sekiya, DDS, PhD
H. Kuno, MD, PhD
T. Kobayashi, MD
M. Minami, MD, PhD
M. Kusumoto, MD

NR109-ED-SUA6

Head and Neck Cancer Staging Updates in AJCC 8th Edition: What Changed and What the Radiologists Need to Know

E. Kuoy, MD, Orange, CA
C.V. Nguyen, MD
J. Anderson
R. Rajpoot, MD
T. Tjoa, MD
D.S. Chow, MD

NR112-ED-X

The Lateral C1-C2 Puncture: Indications, Technique, and Potential Complications

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A.D. Schweitzer, MD
R. Baidya
J. Shin, MD, MSc
G.S. Krol, MD
M.R. Amans, MD, MSc

NR120-ED-X

CT Anatomy of the Pharynx and Larynx with Endoscopic Correlate

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L. Cass
G. Ward
J.T. Garrity, MD
T.S. Herrin, MD
V. Shetty, MD

NR121-ED-X

What do "U" Know About the "U" Fibers? Pictorial Review of Subcutaneous U Fibers Diseases

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K.A. Modi, MBBS
V.V. Iyer, MD
R.V. Fisker, MD
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NR122-ED-X

Evaluation of Pediatric Brain Perfusion with Arterial Spin Labeling: Theoretical Underpinnings with a Selection of Illustrative Cases

A. Cardenas, MD, Washington, DC
M. Whitehead, MD
J.G. Murnick, MD, PhD

NR136-ED-X

Cranio cerebral Neuroblastoma: What a Radiologist Needs to Know and to Report

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R. Russo
T. Verdolotti, MD
M. Martucci, MD
S. Stagliano
G.M. Di Lella, MD

NR138-ED-TUA8

Resident Primer: A Pattern-Based Approach to Causes of Intraparenchymal Hemorrhage on Head CT

P.S. Sander, MD, Saint Louis, MO
J. Mansour, MD
M.S. Parsons, MD
J.R. Fage, MD
J. Williams
V. Shetty, MD

NR150-ED-TUB8

Adult-onset Leukodystrophies: A Step-by-step Diagnostic Approach

L.L. Resende, MD, Sao Paulo BRAZIL
A.R. Paiva
F. Kok
C.D. Leite, MD, PhD
L.T. Lucato, MD

NR156-ED-X

Videofluoroscopic Evaluation of Functional Impairment in Oropharyngeal Swallowing

J. Azpeitia Arman, MD, Madrid Spain
R.M. Lorente-Ramos, MD, PhD
P. Gete Garcia
T. Collazo Lorduy
E. Barcina-Garcia, MD

NR157-ED-X

Tips and Tricks in Head and Neck Imaging: From Missed Diagnosis to Imaging Pearls

P.A. Baron Rodiz, MD, Madrid SPAIN
C. Ferreiro Arguelles, MD
A. Perez De Los Rios, MD
P. Nunez Valentin
P. Concejo Iglesias, MD
J. Cubero Carralero

NR160-ED-X

Post-thyroidectomy Surveillance Ultrasound of Thyroid Cancer: Review of Anatomy, Thyroidectomy Variants, Tumor Recurrence and Pitfalls

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K.A. Smith, MD
A.K. Dasyam, MD
M.E. Tublin, MD
B. Sholosh, MD

NR180-ED-X

Avoiding Complications Before, During and After Vertebral Augmentation

T.S. Miller, MD, Bronx, NY
A.L. Brook, MD
B.A. Georgy, MD, MSc
A. Gangi, MD, PhD
A. Ortiz, MD, MBA

NR182-ED-X

Radiologic Review of Maxillary and Mandibular Cystic and Sclerotic Lesions

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S. Kim
Y. Lee
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NR184-ED-X

Imaging of Neurologic Complications in Patients with Hematologic Malignancies

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J. Mansour, MD
M.S. Goyal, MD, MSc
S. Goyal
A.M. Skopec, MD
V. Shetty, MD

NR197-ED-X

MR Imaging of Histiocytoses: What Should Neuroradiologists Know?

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W.B. Zucconi, DO

NR202-ED-X

Postoperative of the Sinuses: What Does the Radiologist Need to Know?

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J.T. Takahashi, MD
C. Da Silva, MD, PhD
R.L. Gomes, PhD, MD
E.M. Gebrim, MD

NR211-ED-X

Midbrain, Pons and Medulla Anatomy and Syndromes: An Attempt to (Brain) Stem the Rising Tide of Uncertainty

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I. Davagnanam, MBBCh
R.P. Barker, FRCR, MRCP

NR217-ED-X

The Road Less Travelled: MR Imaging of Rare Neoplasms of Cerebellum

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A.K. Mahendrakar, MBBS
S. Neelakantan, MD
S. Kumaran, MBBS, MD
S. Viswamitra, MD

NR218-ED-X

Stroke or Not Stroke? A Daily Dilemma: Imaging Findings of Stroke Mimics

V. Cheranovskiy, MD, Sabadell Spain
M. Prenafeta, MD
V. Perez-Riverola, MD
J. Branera, MD
C. Vert Soler, MD
A. Rovira-Canellas, MD

NR234-ED-X

Cinematic Rendering in Neuroradiology: A New Era in 3D Postprocessing

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A. Halaweish, PhD
J.M. Morris, MD
L.J. Eckel, MD
C.H. McCollough, PhD
J. Weaver

NR244-ED-WEA11

Anatomy and Pathology of the Inner Ear: A Primer for Radiologists

P.S. Devgun, DO, Hummelstown, PA
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T. Ouyang, MD
S.G. Kanekar, MD

NR247-ED-X

Traumatic Vascular Injuries of the Head and Neck: What the Radiologist Needs to Know

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J. Marshall
K.D. Pearsons, MD
K.S. Shah, MD

NR266-ED-X

APT Imaging of Tumors: Theory, Clinical applications, Pitfalls and Future Directions

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T. Yoshiura, MD, PhD
M. Nakajo, MD
K. Takumi
Y. Kumagai
Y. Fukukura, MD, PhD

NR275-ED-X

Multimodality Radiographic Review of the Neonatal Brain Born to Zika Positive Mothers

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F.G. Rodriguez-Ruiz, MD
L.F. Garcia-Paredes, MD
A.P. Marrero-Gonzalez, MD
E.J. Labat, MD

NR289-ED-X

Atypical Complications and Presentations of Developmental Venous Anomalies

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L.F. Amaral, MD
A.J. da Rocha, MD, PhD
S. Goyal
C.M. Campos, MD, MD
A. Benine Belezia, MD
E.W. Arruda, MD

NR293-ED-X

Supraclavicular Region: Last Exit Before the ThoraxD. Cummings, MD, Brooklyn, NY

C. Hassani, MD
A.C. Legasto, MD
W.R. Smoker, MD
D.L. Reede, MD

NR297-ED-X

Camping Out in the Hippocampus: Imaging Spectrum of Etiologies Affecting the Hippocampi and Tips for Honing the Differential Diagnosis K. Hammoud, MD

M. Lanfranchi, MD, Boston, MA
R. Hakimelahi, MD
J. Nguyen, MD
K. Buch, MD

NR298-ED-X

Drugs, Alcohol, Heavy Metal, and More: Complications in the Spine

L.C. Yang, MD, Irvine, CA
A.A. Rudd, MD
A.H. Lam, MD
R.L. Homo
D.S. Chow, MD
A. Anavim, MD

NR305-ED-X

Differential Diagnosis of Nontumoral Conus Medullaris Lesions: A Practical Approach to this Distinct Spinal Cord Site

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R. Pizzatto, MD
A.M. Correa, MD
H.D. Skaf, MD
G.O. Rego, MD
A.F. Kanas, MD

NR307-ED-X

The Nose Knows: A Primer of Cosmetic Nasal CT & MRI

F. Toshinori, MD, Chuo JAPAN
Y. Kurihara, MD
J. Starkey, MD

NR308-ED-X

Remarkable MR Brain Findings to Predict Specific Genetic Syndromes

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D.C. Fragoso
N.G. Campeau, BDS
A.M. Pettengill, BDS
R.H. Nunes
L. Vedolin, MD, PhD
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NR313-ED-X

Genetics and Imaging Features of Medulloblastomas: A Case-based Review of Pediatric Medulloblastomas Imaging Features and Characteristics of Their Molecular Subtypes

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NR314-ED-X

Parotid Gland Lesions and Multiparametric Magnetic Resonance Evaluation: A Diagnostic Approach

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L.F. Godoy, MD
U. Passos, MD
C.D. Leite, MD, PhD
E.M. Gebrim, MD

NR315-ED-X

Let's Take a Look at the Eye: What Radiologists Should Know about Ocular Ultrasound and Doppler in Comparison with OCT

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NR319-ED-X

Another Enhancement in the Wall: Vessel-Wall Analysis in CNS Infectious Diseases

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B.F. Guedes
R. Pizzatto, MD
A.B. Nogueira

NR322-ED-X

Brain 4D Flow MRI: Scan Parameters, Analysis Parameters and Target Diseases

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K. Iwata
R. Takagi, MD
S. Kumita, MD

NR331-ED-X

Beyond the Visible: Quantitative Volumetric Analysis in Neurodegenerative Diseases

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J.L. Ulmer, MD
A.P. Klein, MD
S.A. Quinet, MD
L.P. Mark, MD

OB106-ED-X

Deeply Improved Value: Structured Reporting for Deep Infiltrating Endometriosis

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M.K. Feldman, MD

OB117-ED-X

MR Imaging of the Uterine Cervix Adenocarcinoma and Other Rare Cervical Tumors

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Y. Tanaka, MD
H. Ochi
T. Ishiguro
M. Sakai, MD

OB119-ED-X

Adenomyosis in 2017: An Ultrasound Diagnosis

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R.J. Smith, MD
J.R. Springer, DO
M.M. Horrow, MD

OB121-ED-X

Tumors and Tumor-like Conditions of the Vulva and Vagina

A. Gupta, MD, Tampa, FL
C.O. Menias, MD
A.S. Shetty, MD
K.M. Elsayes, MD
A.M. Shaaban, MBBCh
C.W. Bolan, MD

OB123-ED-X

Mucinous Ovarian Tumors: An Imaging Guide For Reporting Radiologists

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OB136-ED-X

Musculoskeletal Abnormalities on Fetal MRI: Correlation With Clinical and Pathology Findings

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V.P. Beltran Salazar, MD
F. Pozo Ariza
J. Ferreres Pinas
M. Bella Cueto

OB138-ED-X

Congenital Diaphragmatic Hernia: A Gut-Wrenchingly Difficult Diagnosis

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J. Sargent, MD
K.Y. Oh, MD
T. Gibson, MD
R. Sohaey, MD

OB142-ED-X

Ovarian Solid Tumors: MR Imaging Features with Radiologic-Pathologic Correlation

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S. Fujii, MD
C. Inoue
T. Fukunaga
Y. Tanabe, MD
T. Ogawa, MD

OB146-ED-X

Multimodality Imaging of Recurrent Cervical Cancer: Recognizing Patterns and Their Implications in Prognosis and Management

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A.J. Rojas Astorga, MD
N. Garcia, MD
I. Maldonado, MD
J. Ortiz Vega, MD
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OB152-ED-X

Understanding Malignant Endometriosis: Imaging features with Pathologic Correlation

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OB155-ED-X

Ovarian Cancer Screening: Current Data and Controversies

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OB167-ED-TUA2

Variations and Complications of Ovarian Teratoma: Imaging and Pathological Features

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OB170-ED-TUB2

The Endgame: Pictorial Review of Normal and Pathologic Sonographic Appearances of the Endometrium

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OB172-ED-WEA2

Diagnosing Invasive Placentation: Image Based Evidence for Complementary Roles of Ultrasound and MRI

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OB183-ED-X

TB Or Not TB – That Is the Question: Hysterosalpingographic Appearances Following Tuberculous Infection of the Pelvis and Female Genital Tract

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PD005-EB-X

Spectrum of Pineal Region Tumors in Pediatric Patients: A Pictorial Review

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PD008-EB-X
Comprehensive Review of Pediatric Liver MR Elastography (MRE): Techniques, Tips, and Common Indications

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PD102-ED-X
Ultrasound for Anorectal Malformation: Radiologists Play an Important Role in Deciding on a Surgical Approach

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PD113-ED-X
Pediatric Bilateral Basal Ganglia Lesions: A Pattern Based Approach

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PD115-ED-X
Breast Lesions in Children and Adolescent: Self-Assessment for Diagnosis and Management

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PD117-ED-X
Shedding Light on the Dark Thalami: A Clinico-Radiologic Approach

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PD126-ED-WEB6
Pediatric Cephaloceles: A Pictorial Review with Radiologic, Surgical and Pathologic Correlation

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I. Gonzalez-Gomez, MD
J. Tuite, MD
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PD135-ED-THA7
Beyond Microcephaly: Neuroimaging Findings Of Congenital Zika Virus (ZIKV), Toxoplasmosis and Cytomegalovirus (CMV) Infections

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PD143-ED-X
Congenital Renal Anomalies: In-Utero Diagnosis and Pediatric Imaging Findings

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K.R. Schmitz, MD
K.L. Hopkins, MD
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PD151-ED-MOB6
Before We Are Born: Essentials of Congenital Malformations of the Gastrointestinal Tract

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PD158-ED-X
Pediatric Tumors of the Sacrum: A Guide through Key Clinical and Imaging Features

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PD169-ED-MOB7
State-of-the-Art Dual Source CT Techniques for Decreasing Radiation Dose and Sedation Requirements in Infants and Young Children

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PD170-ED-X
Neonatal Head Ultrasound: Review of Technique, Normal Anatomy, Pathology and Pitfalls

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PD171-ED-X
Ultrasound Imaging of Pediatric Neck Masses: What Radiologists Need To Know

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PD178-ED-X
Decoding Retinoblastoma: Everything that the Radiologist Must Know

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PH001-EB-X
Smoke and Mirrors: A Review of the Top Artifacts on CT, MR, Ultrasound, and Molecular Imaging That Residents Should Know

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PH009-EB-MOB
Evaluation of Eye Radiation Exposure of Medical Workers: What is the Most Desirable Method?

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K. Satsurai
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PH102-ED-X
3D Printing of a Tissue Realistic Anthropomorphic Abdominal Phantom

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A.A. Lai, BSC, RT
K. Rego, BSC
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PH112-ED-X
Unboxing Contrast Enhanced MRI Perfusion Techniques and Their Analysis Models: A Primer for Technicians and a Reminder for Radiologists

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A. Luna, MD
L. Alcalá Mata, MD
J. Sanchez, MD, PhD

RO105-ED-MOAB
Hepatocellular Carcinoma after Stereotactic Body Radiotherapy (SBRT): Learning About What Is Happening in the Liver

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M. Okada, MD, Itabashi-Ku JAPAN
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UR012-EB-X
The Role of Contrast Enhanced Ultrasound (CEUS) in the Evaluation of Scrotal Trauma

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UR100-ED-X
Diagnostic Imaging and Interventional Procedures in Complications of Kidney Transplantation

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UR101-ED-X
Tumor, Trauma, and Tumescence: A Review of Penile Pathology

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M. Gulati, MD
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UR103-ED-X
MDCCT Imaging of Bladder Emergencies: The Gamut of Imaging Findings

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UR109-ED-X
Kidneys, Ureters, Bladders, Oh My! A Case-based Review of Genitourinary Mimics of Malignancy

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UR116-ED-X
Penile Doppler Ultrasound in Erectile Dysfunction: Technique and Interpretation

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I. Couto Rodriguez
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UR126-ED-X
Contrast-Enhanced Ultrasound: The New Magic Wand in Renal Sonography?

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J.G. Zarzour, MD
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UR129-ED-X
Transrectal Contrast-enhanced Ultrasound (CEUS) for Assessment of Ablation Zone after High-intensity Ultrasound (HIFU) for Prostate Cancer

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UR130-ED-TUB7
Percutaneous Nephrolithotomy: Role of Computed Tomography in Pre and Post-procedural Assessment

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UR134-ED-X
Test Your Diagnostic Skills on Focal Renal Masses: Biopsy Yay or Nay?

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UR136-ED-X
Calcified Adrenal Masses; Pattern Recognition Approach on Computed Tomography with Pathologic Correlation

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UR141-ED-X
2017 AUA Renal Mass and Localized Renal Cancer Guidelines: Imaging Implications

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UR147-ED-THB7
More Than Masses: The Many Faces of Renal Calcifications

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UR151-ED-X
Urological Malignant Lymphoma: Multimodality Imaging and Differential Diagnosis

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UR176-ED-WEB8
Challenging Adrenal Cases: A Quiz-Based Approach to Adrenal Gland Pathologies

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UR179-ED-X
Multiparametric Magnetic Resonance Imaging Findings in Granulomatous Prostatitis

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UR189-ED-THB8
MR Imaging of Disorders of Sex Development: What Does the Referring Physician Expect Us to Report?

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UR190-ED-X
Renal Cell Carcinoma: Imaging Aspects from Diagnosis to Advanced Therapies

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UR205-ED-X
Disorders of the Testes: A Case-Based Approach of Ultrasonographic Findings

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C.D. Leite, MD, PhD
G.G. Cerri, MD, PhD

UR206-ED-MOAB
Atypical Prostatic Lesions: The Uncommon Neoplasms and Periprostatic Mimickers

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UR207-ED-MOB8
Disorders of the Testes: A Case-Based Approach of Ultrasonographic Findings

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UR213-ED-TUB8
Bilateral Renal Lesions: A Pictorial Review

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UR220-ED-X
Ultrasound Evaluation of the Epididymis

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VI002-EB-WEB
Long-Term Complications of Renal Transplants: Interventional Management Techniques

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VI012-EB-X
Tending to Tendinosis: A Percutaneous Approach Utilizing Ultrasonic Energy Debridement

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R. Imani-Shikhabadi, MD, MS
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VI017-EB-THA
Occupational Exposure of the Eye in Interventional Radiology Laboratory Staff

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T. Honda, BSC
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VI100-ED-X
The Evolution of Intracranial Aneurysm Treatment

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A. Puri, MD

VI102-ED-X
Management of New Oral Anticoagulants in Image-Guided Procedures

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VI115-ED-X
Gelatin Phantoms for Interventional Radiology Training

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T. Glushko, MD
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VI116-ED-X
Draining the Swamp: The Role of Percutaneous Intervention in Managing Complications of Pancreatitis

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K. Lee
K.P. Daly, MD

VI131-ED-X
4D Abdominal Dynamic Motion Imaging CTM. Uchida, MD, PhD, Kurume Japan

A. Kuhara
A. Sumi, MD
H. Kuroki, RT
S. Tokuyasu, RT,MS

VI138-ED-X
Beam Me Up! The Importance of Cone-beam CT During Prostatic Arterial Embolization and other Techniques to Improve Safety and Efficacy

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VI139-ED-X
It's Not All Deep Vein Thrombosis: Sonography of the Painful Lower Extremity

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J.Y. Sun, MD
R.S. Patel, DO
C.C. Ko, MD
C.L. Kirby, MD
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VI153-ED-SUB8
Image Predictors of Treatment Outcome After Thoracic Aortic Dissection Repair

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A.E. Prosper, MD
L.M. Lin, MD
A. Wilcox, MD
M. Cunningham, MD

VI154-ED-X
An Angiographic Review of Popliteal Lesions: What the Interventionalist Needs to Know

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J. Yang, MD
J.K. Park, MD
A.S. Gomes, MD
M.H. Lee, MD

VI155-ED-X
Inner Demons: Anatomy and Pathologies of the Internal Iliac Artery with Implications for Modern Endovascular Management

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K.M. Edmonds, MBBS
S.E. Junaid, MBBS, BSc, FRCS
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I.A. Zealley, MBChB

VI156-ED-X
It's All About the Image: Anatomy and Pathologies of the Inferior Mesenteric Artery with Implications for Modern Endovascular Management

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VI162-ED-SUA10
Advanced Pelvic MRI and MRA Techniques for Planning and Follow-up of Interventional Procedures

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J. Broncano, MD
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VI165-ED-X
Radiofrequency Ablation Of Benign Thyroid Nodules: How To Do It

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VI174-ED-X
The Role of Interventional Radiology in Management of Post-Surgical Complications After Liver Transplantation in Pediatric Population

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VI203-ED-X
Stranger Things: Challenging Cases in Aortic Imaging

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C.C. Tavares, MD
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VI209-ED-X
The Aortic Root : Tips for Its Evaluation as an Anatomical-functional Unit

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A.M. Cabra, MD
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VI210-ED-X
3D Printing in Radiology and Interventional Radiology

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VI214-ED-X
Update on Vascular Applications of Multienergetic CT

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VI217-ED-X
Master Your Doppler Skills: A Tutorial for Radiologists to Optimize Image Quality When Evaluating Blood Flow

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J.D. Kirsch, MD
A.A. Mustafa, PhD
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