

RSNA 2009 Award Winners

SUMMA CUM LAUDE

LL-IN3526

Simulation-based C-arm Fluoroscopy Training to Help Improve Image Quality and Radiation Protection

O.J. Bott, PhD, Hannover DEU; K. Dressing, MD; M. Wagner; B.W. Raab, MD; M. Teistler, PhD

MAGNA CUM LAUDE

LL-BR4644

Common Skin Findings on Breast MRI: What Is It and What to Do about It?

S. Kalli, BA, Augusta, GA; P.E. Freer, MD; E.A. Rafferty, MD

LL-BR5205

Evaluation of the Brachial Plexus in Breast Cancer Patients: Anatomy and Imaging Techniques

P.J. Peller, MD, Rochester, MN; R.C. Murphy, MD, PhD; R.M. Subramaniam, MD

LL-ER2509

Traumatic Facial Fractures, Complications, and Post-Repair Appearance

K.A. Shah, MD, Baltimore, MD; S.D. Steenburg, MD

LL-GI2696-L13

CT Angiography in Acute Gastrointestinal Bleeding: Why, When, and How?

Y. Geffroy, Paris FR; I. Boulay-Coletta, MD; M. Jules; S. Benadjaoud; C. Wattel; M. Zins, MD

LL-GI2707

Liver Doppler Made Simple

D.A. McNaughton, MD, Iowa City, IA; M.M. Abu-Yousef, MD

LL-MK2370

Meniscal Tears: Beyond Lines and Triangles—What the Clinician Needs to Know

R.F. Riascos, MD, Galveston, TX; D.F. Lemos, MD; C.S. Restrepo, MD; S.P. Jadhav, MD; R. Restrepo, MD; D.L. Resnick, MD

LL-MK2425

Imaging Diagnosis of Ligamentum Teres Injuries

L. Cerezal, MD, Santander ESP; A. Kassarian, MD; A. Canga, MD; E. Llopis, MD; A.U. Rolon; L. Pérez-Carro

LL-MS2561

Drugs + Devices + Imaging: Optimization and Translation of Image-guided Combination Therapies

F. Razjouyan, BS, MS, Bethesda, MD; A. Thaker, BS; M. Dreher, PhD; A. Negussie; K.V. Sharma, MD, PhD; B.J. Wood, MD; et al

LL-NR4456

Spectrum of 3 Tesla MR Findings in Multiple Sclerosis

B.N. Hattton, MD, Saint Petersburg, FL; M.D. Shapiro, MD

LL-NR5137-L

The Human Brain in 1,002 Pieces: A Comprehensive and Interactive 3D Atlas of Structure, Vasculature, and Connections from Multiple 3 T and 7 T Acquisitions

W.L. Nowinski, PhD, Singapore SGP; B. Chua; G. Qian, MS; I. Volkau, PhD; M.V. Knopp, MD, PhD; V.M. Runge, MD; et al

LL-PD4876

Congenital Lung Abnormalities: Embryology, Prenatal Diagnosis, and Postnatal Radiologic and Pathologic Correlation

D. Bityam, MD, Seattle, WA; M.K. Dighe, MD; T. Chapman, MA, MD; M.R. Ferguson, MD; G. Deutsch

CUM LAUDE

LL-BR4622

Hand Positions for the Breast Interventionalist

D. Georgian-Smith, MD, Boston, MA; E.D. Yeh, MD; C. Petersen, MD; R.L. Birdwell, MD

LL-BR4647

Nonmasslike Enhancement (NMLE) on Breast MRI: Lexicon-based Feature Analysis of Benign and Malignant Lesions

M. Sekar, MD, Boston, MA; S. Raza, MD; E.M. Ong, MBBS, FRCR; S.A. Chikarmane, MD; R.L. Birdwell, MD

LL-CA2615-H12

The Heart of Young Competitive Athletes: MRI Features

A. Micheau, MD, Montpellier FRA; S. Bomart, MD; C. Bousquet, MD; H. Vernhet-Kovacsik, MD, PhD

LL-CA2616

The Right Ventricle Under Pressure: Cardiac MRI in Pulmonary Hypertension

J. Vogel-Claussen, MD, Baltimore, MD; M.L. Shehata, MD; J. Skrok, MD; J.A. Lima, MD; D.A. Bluemke, MD, PhD; P.M. Hassoun, MD

LL-CA2652-R12

The Incidental Myocardial Infarct on Routine CT: An Under-recognized Entity with Cardiac Gated CT and Cardiac MRI Correlation

K.M. Surti, MD, Los Angeles, CA; A. Hawari, MD; N. Burns, BS; T. Basak, BS; B.C. Christ; J.S. Shinbane, MD; et al

LL-CH4997

Don't Forget the Lateral! Lateral Chest X-ray Anatomy and Pathology

S. Jethwa, Jersey City, NJ; J. Loona, MD; D.L. Reede, MD; J.M. Martino, MD; R.D. Shah, MD

LL-CH6004

Aneurysms and Pseudoaneurysms of the Pulmonary: Imaging and Intervention

C.S. Restrepo, MD, San Antonio, TX; R. Suri, MD; M.A. Cura, MD; J.E. Lopera, MD; S. Martinez, MD; J. Carrillo

LL-CH6009

Transthoracic Ultrasonography of the Diseases of the Pleura and Lung Parenchyma: Technical Consideration, Imaging Features of Various Diseases, and Diagnostic Pitfalls

Y. Lee, MD, Seoul KOR; C. Park; H. Lee, MD; J. Goo, MD, PhD; C. Lee, MD; I. Lee, MD; et al

LL-ER2478

Orbital Trauma: What the Clinician Needs to Know

K. Badillo, MD, San Juan, PR; L.A. Peguero Aleman, MD; J.C. Jimenez Perez; S. Font; J.A. Vidal, MD

LL-ER2480-B03

Beyond Appendicitis: Right Lower Quadrant Pain Evaluation on MDCT

A.S. Purysko, MD, Cleveland, OH; H. Leao Filho, MD; L.K. Bittencourt, MD; R.V. Lima, MD; D.J. Racy, MD

LL-ER2485

Imaging Evaluation of Penetrating Neck Trauma

S.D. Steenburg, MD, Baltimore, MD; C.W. Sliker, MD; K. Shanmuganathan, MD

LL-GI2721

Malignancy Grading of Primary Hepatocellular Carcinoma by Liver-specific Contrast Agent and Hemodynamic Alteration

M. Okada, MD, Osaka JPN; Y. Imai; Y. Kagawa, MD; S. Kumano, MD; M. Kudo; T. Murakami, MD, PhD

LL-GI2743

Diffusion-weighted Imaging and Focal Liver Lesions: Usefulness of Respiratory-triggered Technique with 3 Different b-values for Detection and Characterization

J.C. Spina Jr, MD, Capital Federal ARG; M. Sidelnik; M. Nalda, MD; J.L. Savluk, MD; M.A. Pietrini, MD; R.D. Garcia-Monaco, MD

LL-GI2837

GI Sphincterology: Your Inner Strength Rings True

P. Chen, MD, New York, NY; M.L. Loftus, MD, MBA; K. Lampen-Sachar, MD; N.P. Shah, MD; M.Z. Simmons, MD; R.A. Lefkowitz, MD; et al

LL-GI2867

The Bottom Line: The Use of MR Proctography in Investigating Disorders of Defecation and Continence, and What the Surgeon Needs to Know

M. Sriharan, MBBS, BSC, London GBR; P. Khatri, MBBS; N. Khan, MBBS; C.L. Chan, MBBS

LL-GI2873

Crohn's Disease vs Ulcerative Colitis: Multimodality Spectrum of Idiopathic Inflammatory Bowel Disease with Radiologic-Pathologic Correlation

J.P. Lichtenberger III, MD, Travis AFB, CA; G.E. Lattin JR, MD; A.K. Momeni, MD; R. Lewis, MD; R.A. Jesinger, MD, MS

LL-GI3710

CT Evaluation of Hypervascular Subepithelial Masses and Mass-like Lesions in the Gastrointestinal Tract with Pathologic Correlation

S. Kim, MD N. Lee, MD, Busan KOR; J. Lee, MD; G. Kim; D. Kim; H. Kang

LL-GI3720

Internal Hernias after the Abdominal Surgeries: Imaging Spectrum in the Multidetector CT

N. Hongo, Oita JPN; S. Matsumoto, MD; R. Takaji, MD; E. Komatsu; Y. Yamada, MD; H. Mori, MD

LL-IN2599

Teleradiology for Developing Countries

A. Esguerra, MD, Bogota COL; A. Vasquez, MD; D.A. Aguirre, MD; B. Pinzon, MD

LL-IN3544

How-to Guide and Demonstration: Low Cost Informatics Tools and Software Enabling Teleradiology for International Outreach

G. Choy, MD, Boston, MA; S. Kim, MD; S.S. Worrell, MD; E.J. Flores, MD; M.D. Schmitz, MD; S.R. Digumarthy, MD

LL-MI2301

Functional Tumoral Imaging Made Easy

R. Garcia Figueiras, MD, Santiago de Compostela ESP; A.R. Padhani, MD; V.J. Goh, MBCh; J.C. Vilanova, MD; C. Villalba-Martin, MD; S. Baleato Gonzalez, MD; et al

LL-MK2340

MR Imaging Features of Early and Late-stage Sacroiliitis in Spondyloarthritis

J. Narvaez, Barcelona ESP; J. Narvaez, MD; M. De Albert; E. De Lama, MD

LL-MK2413-R14

Identifying Nerve Entrapment Syndromes: An Ultrasound and MRI Correlation

K.C. Chen, MD, Philadelphia, PA; N. Shabshin, MD; L.N. Nazarian, MD

LL-MK2447

Real-time Virtual Sonography of the Musculoskeletal System: Simultaneous Display of the Sonogram and 3 T MRI

M. Niitsu, MD, Tokyo JPN; M. Matsuzaki; T. Aoki

LL-MK2449

Dynamic Volumic CT: New CT Scan Applications in Musculoskeletal Disorders

A.G. Blum, MD, Nancy FRA; T. Batch, MD; M. Louis, MD; D. Roch; S. Lecocq; J. Wassel

LL-MK2458-H12

Nonconventional Osteosarcoma

G. Yarnish, MD, New York, NY; J. Landa, DO; S. Hwang, MD

LL-MS2576

Imaging Appearance of Organ-specific Toxic Effects of Cancer Chemotherapeutic Agents: A Pictorial Essay

V.R. Iyer, MBBS, Boston, MA; T. Islam, MD; P.F. Hahn, MD, PhD; P.R. Mueller, MD; M.G. Harisinghani, MD

LL-MS3416

Opportunities, Challenges, and Applications for Spectral CT imaging from Head to Toe

G. Choy, MD, Boston, MA; N. Kulkarni, MD; E.J. Flores, MD; A.K. Singh, MD; O.A. Catalano, MD; S. Kim, MD

LL-NM2310

New Role of Sentinel Node Mapping Using 3D SEPCT-CT Fusion Imaging in Oral Cavity Cancer

S. Shiraiishi, MD, Kumamoto JPN; K. Tashiro; M. Yoshida; Y. Yamashita, MD

LL-NR4422-B11

“Going with the Flow:” Applications and Interpretation of Cine CSF Flow Imaging in the Brain and Spine

R. Shah, MD, Birmingham, AL; J.K. Cure, MD

LL-NR4453

Amebic Encephalitis: Another Ringier?

J.D. Dowell, MD, PhD, Charlottesville, VA; C.L. Anderson, MD, PhD; S. Mukherjee, MBBS; P. Raghavan, MD

LL-NR4457

Cyst for All, Big and Small: Differential Diagnosis of Pediatric Nonneoplastic Noninflammatory Intracranial Cysts

G. Zuccoli, MD, Pittsburgh, PA; K. Vaughan; N.A. Siddiqui, MD; I. Cravo, MD; C.R. Fitz, MD

LL-NR4465

Optic Pathway: Pictorial Description of Anatomy and Differential Diagnoses of the Lesions

V.D. Sathyakumar, MBBS, Little Rock, AR; C.C. Shah, MBBS; R.H. Ramakrishnaiah, MBBS, FRCR; E.J. Angtuaco, MD

LL-NR4510

Spectrum of Sonographic Appearances of Thyroid Nodules in Biopsy Confirmed Cases

D.T. Ginat, MD, MS, Rochester, NY; D. Butani, MD; E.J. Giampoli; J. Jodhani; N.C. Patel, MD

LL-NR4511

Atlas of Ossicular Chain Pathologies on Multidetector CT: Semiology and Relevance of Multiplanar Reconstructions of Volumetric CT Data

S. Abi Khalil, MD, Beirut LBN; J. Tanguy, MD; S.A. El-Rai, MD; C. Nedelcu, MD; E. Moubarak, MD; C. Aube, MD

LL-NR4582

Dangerous Extracranial-Intracranial Anastomoses: Ignore Them at Your Own Peril!

S. Mathur, MBBS, FRCR, Manchester GBR; H.M. Stockley, MBBS, MRCS; N. Porter, MBBS; D. Hughes, MBCh; R. Laitt, MBCh; A. Herwadkar, MBBS

LL-NR4589-D11

Tips and Strategies to Consistently Succeed at Routine Fluoroscopic-guided Lumbar Puncture and Myelography

B.P. Liu, MD, Chicago, IL; R. Yeh, MD

LL-NR5102

Nontraumatic Spinal Injury: Clinical Distinction and Image Findings

K. Hyodoh, MD, Sapporo JPN; H. Akiba, MD, PhD; H. Hyodoh, MD; M. Tamakawa, MD; N. Yama, MD; M. Hareyama, MD

LL-OB4765

Uncommon Ovarian Teratomas: Imaging Findings and Pathologic Correlation

S. Motoshima, Okawa JPN; H. Irie, MD; N. Kamochi; T. Nakazono; Y. Tominaga, MD; S. Kudo, MD, PhD; et al

LL-OB4770

How to Approach Suspected Ovarian Cystic Masses: MDCT and MRI Imaging Clues

L. Figueroa Nasra, Madrid ESP; S. Moron Hodge; P.A. Hidalgo, MD; J. De Santiago, MD; C. Martí Alvarez, MD; A. Suarez Manrique, MD

LL-OB4778

Magnetic Resonance Imaging in Deep Pelvic Endometriosis: Pictorial Essay

A. Coutinho Jr, MD; C.M. Lima; E. Coutinho; E.B. Ribeiro F. Junqueira, MD, Rio de Janeiro BRA; R.C. Domingues, MD

LL-PD4874

Very Little Hearts: 64MDCT Surgical Correlation in Neonates with Complex Congenital Heart Disease

M. Ulla, MD, Del Viso-Pilar ARG; E. Levy Yeyati, MD; M. Fernandez; J.L. Savluk, MD; J. Makarovsky; R.D. Garcia-Monaco, MD

LL-PD4912

Multimodality Imaging of Pediatric Diaphragm: Anatomy and Pathologies

G.B. Chavhan, MD, Toronto CAN; P.S. Babyn, MD

LL-PH5506-D

Foundations of Magnetic Resonance Imaging: A Historical Perspective

S.E. Campbell, MD, Lackland AFB, TX; D. Dunn, MD

LL-PP4414

The Emergence of Volumetry as an Imaging Biomarker: An Evidence-based Overview

A.K. Singh, MD, Boston, MA; H. Yoshida, PhD; D.V. Sahani, MD; D.I. Rosenthal, MD; S.J. Westra, MD; G.J. Harris, PhD

LL-UR4697

Imaging Techniques in the Assessment of Renal Arteries and Veins: State of the Art

V. Catala, Barcelona ESP; T. Marti; C. Quintian; M. Martinez; J. Marti; P. De La Torre, MD; et al

LL-UR4698-D10

Urinary Bladder Carcinoma: Imaging Techniques, Staging, and Treatment Evaluation

M.K. Dighe, MD, Seattle, WA; P. Bhargava, MBBS; P.T. Hurlley, MD; J. Wright, MD; W.H. Bush Jr, MD

LL-VI6046-H11

Between a Rock and a Hard Place: A Review of Vascular Compression Syndromes

R. Eliahou, MD, Ramat Chen ISR; J. Sosna, MD; A.I. Bloom, MBCh

LL-VI6083

Ultrasound Guidance with Simultaneous Electromyographic Feedback for Chemodervation of Scalene Muscles in the Treatment of Cervical Dystonia

O. Kolokythas, MD, Seattle, WA; I.R. Odderson, MD; L.M. Mitsuimori, MD, MS; B.H. Warren, MD; C. Cuevas, MD; M.K. Dighe, MD; et al

LL-VI6105

Coagulation Necrosis Induced by Radiofrequency Ablation of the Liver: Comprehensive Review from Pathology to Extremely Rare Changes

Y. Kim, MD, Seoul KOR; H. Rhim, MD, PhD; M. Lee; D. Choi, MD; H. Lim, MD

CERTIFICATE OF MERIT

LL-BR4617

Artifacts on Digital Mammography: Optimizing Image Quality

R.M. Shaheen, MBBS, MD, Boston, MA; M. Chorlton, RT; R.H. Behrman, PhD; J. Armada, MD; T.S. Mehta, MD; P.J. Slanetz, MD, MPH

LL-BR4634

Diffusion-weighted Imaging (DWI) of the Breast: Principles and Clinical Applications

R. Woodhams, MD, Boston, MA; S. Ramadan, PhD; M. Ozaki; S. Kakita, MD; H. Hata; K. Iwabuchi; et al

LL-BR4636

Detection and Reporting of Extramammary Findings during Breast MRI

RSNA 2009 Award Winners

CERTIFICATE OF MERIT CONTINUED FROM PREVIOUS PAGE

LL-CA2637-L13

The Next Generation Dual Source CT Coronary Angiography: Protocol Selection and Optimization

L.A. Neeffes, MD, Rotterdam NLD; M.L. Dijkshoorn, DSc; A.C. Weustink, MD; A. Rossi, MD; G.P. Krestin, MD, PhD; N.R. Mollet, MD; et al

LL-CA2639

Failed Mergers: When the Left Atrium and Pulmonary Veins Fail to Unite

M.D. Ocampo, MD, Bucaramanga COL; S. Bhalla, MD; F.R. Gutierrez, MD; C. Javidan-Nejad, MD

LL-CA2647

Atrial Septal Defects (ASD): A Radiologic-Pathologic Study

M. Alcantara III, Mexico City MEX; E.T. Kimura-Hayama, MD; A. Meave-González, MD; R. Pale, MD; U. Bacilio-Perez, MD; E. Alexanderson-Rosas, MD

LL-CA2661-B11

Imaging Features of Ventricular Assist Devices

D.T. Ginat, MD, MS, Rochester, NY; S. Bhatt, MBBS; T. Massey, MD; V.S. Dogra, MD

LL-CA2662

Straightening of the Left Heart Border on PA Chest Radiographs: A Sign of Right Ventricular Enlargement

M.E. Sims, MD, MPH, Los Angeles, CA; S. Shapiro, MD; B.M. Barack, MD; J.H. Grollman Jr, MD

LL-CA2676

Sudden Cardiac Death in Children

J.O. Swanson, MD, Seattle, WA; R.K. Otto, MD; J.H. Maki, MD, PhD; L.M. Mitsumori, MD, MS; M.R. Ferguson, MD; G.P. Reddy, MD

LL-CA2680

Cardiac Bulging: Pseudoaneurysms, Aneurysms, and Diverticula—A Challenging Noninvasive Imaging Task: A Radiologic-Pathologic Correlation

E.A. Lara Garcia, MD, Mexico City MEX; S.A. Criales; U. Bacilio-Perez, MD; A. Meave-González, MD; G. Meléndez, MD; M. Diaz-Zamudio, MD; et al

LL-CA2684

Pacemakers and Implantable Defibrillators for Dummies

D. Ocazionez, MD, San Antonio, TX; D. Vargas, MD; S. Martinez, MD; J.A. Marmol-Velez, MD; A. Jimenez, MD; C.S. Restrepo, MD

LL-CA2689

CT Scan of Cardiovascular Devices: A Pictorial Review of Normal Appearances and Complications

P. Rajiah, MBBS, Cleveland, OH; J.P. Kanne, MD

LL-CA3608

The Heart: Integrating Basic Science with Clinical Science

A. Davidoff, MD, Newton Centre, MA; G. Athappan, MD; M. Maysky; R. Schwartz, MD; E. Barry, RT; M. Johnstone, MD

LL-CA3623

Coronary Aneurysms: What Every Radiologist Needs to Know

G. Choy, MD, Boston, MA; B.B. Ghoshhajra, MD; T.T. Healey, MD; E.J. Flores, MD; S. Kim, MD; S. Abbata, MD

LL-CH4928-H15

Cross-sectional Imaging of the Post-Surgical Thoracic Aorta: Common Findings and Imaging Pitfalls

C.A. Couto, MD, Cranston, RI; M.K. Atalay, MD, PhD; A. Maslow; A. Singh

LL-CH4929

Uncommon Autoimmune Diseases of the Lung: From Pathophysiology to Imaging Manifestations

A.P. Carswell, MD, San Antonio, TX; C.S. Restrepo, MD; M.J. McCarthy, MD

LL-CH4933

Pulmonary Vasculitis: Hints and Tricks! A.S. Preto, Matosinhos PRT; A. Carneiro; J.T. Campos, MD; D.M. Rocha, MD; R.M. Ramos Rr, MD, PhD; J. Pereira; et al

LL-CH4951

Proposed Revisions to the TNM Staging of Non-Small Cell Lung Cancer (NSCLC): Rationale—Clinico-Radiological Implications and Persistent Limitations

M.J. Klusmann, MD, London GBR; K.H. Jogeessaran, FRCR, MRCP; A. Nair, MBBS; S. Grubnic, MD; S.J. Green, MBBS; I. Vlahos, MBBS

LL-CH4956

Beyond Lung Cancer: Unusual Tumors and Tumor-like Conditions of the Lung with Radiologic-Pathologic Correlation

M. Nishino, MD, Boston, MA; R.R. Gill, MBBS; H. Hatabu, MD, PhD

LL-CH4958

Magnetic Resonance-Thoracic Ductography (MRTD): Depiction of the Thoracic Duct Configuration by Magnetic Resonance Imaging (MRI) and Embryological Description of the Thoracic Duct Variations for Thoracic Surgery

I. Okuda, MD, Tokyo JPN; H. Udagawa, MD; J. Takahashi; T. Kohno; K. Hirata, PhD; Y. Nakajima, MD

LL-CH4959

Clear Vision Through the Haze: A Practical Approach to Groundglass Opacity

C.C. Wu, MD, Boston, MA; A. El-Sherief, MD; M.D. Gilman, MD; T.T. Healey, MD; J.O. Shepard, MD; G.F. Abbott, MD

LL-CH4971

Where Does It Lead? Imaging Features of Pacemakers on Chest Radiography and CT

R.S. Lanzman, MD, Dusseldorf DEU; D. Blondin, MD; G. Fürst, MD, PhD; U. Moedder, MD; J. Winter; P. Kroepil, MD

LL-CH4990-D15

Current Issues of Malignant Pleural Mesothelioma

S. Jeong J. Lee, MD, Seoul KOR; K.S. Lee, MD; H. Lee, MD; B. Kim, MD; S. Hyun

LL-CH5805

The Gated Thoracic Aorta: Postprocedural Imaging Evaluation

S. Martinez, MD, Durham, NC; J.D. Christensen, MD; B.B. Ghoshhajra, MD; L.M. Hurwitz, MD; J. Hoang, MBBS; S. Abbata, MD

LL-CH5820

Primary Sarcomas of the Thorax

C.E. Jokerst, MD; R.A. Parker III, MD; K.R. Shipley, MD T.S. Henry, MD, Saint Louis, MO; S. Bhalla, MD; F.R. Gutierrez, MD

LL-CH5827-H

Getting to the Point of Penetrating Thoracic Injuries

R.B. Carr, MD, Seattle, WA; G.E. Johnson, MD; J.H. Chung, MD; E.J. Stern, MD

LL-CH5828

Thoracic Extrapleural Hematomas: Imaging and Clinical Manifestations

J.H. Chung, MD, Cambridge, MA; R.B. Carr, MD; E.J. Stern, MD

LL-CH6013

What You Need to Know about Bismuth Shielding

A. Schlattau, MD, Salzburg AUT; M. Granitz, MD; T. Wolfruber, MD; M. Lauschmann, MD; K. Hergan, MD

LL-CH6019

Imaging at the Boundaries: Congenital and Acquired Diaphragmatic Lesions with Anatomic and Embryologic Correlation

C. Whitecar, MD, Boston, MA; K. Shaffer, MD, PhD; J.N. Tkacz, MD

LL-CH6027

Structural and Functional Imaging of COPD and Asthma

J. Kim, MD, Seoul KOR; C. Lee, MD; J. Goo, MD, PhD; E. Park, MD; D. Jung, MD, PhD; H. Lee, MD; et al

LL-CH6031

Put Your Back into It: Identifying Spinal Pathology on Chest CT

D. Seaman, MD, Cincinnati, OH; A.S. Vagal, MD; C.A. Meyer, MD

LL-CH6035

Pulmonary Arterial Hypertension: When the Radiologist Can Help

E. Pena, MD; S. Hernandez Muñoz, MD; J. Veinot, MD C.J. Dennie, MD, Ottawa CAN

LL-CH6041

Understanding the Postsurgical Chest on Radiography and MDCT: Procedures and Complications

M.C. Godoy, MD, New York, NY; J.B. Alpert, MD; M.T. Truong, MD; J.P. Ko, MD

LL-ER2476

Romancing the Bone: A Modern Day Assessment of the Lover's Fracture

K. Badillo, MD, San Juan, PR; J.A. Pacheco, MD; S.O. Padua, MD; A.A. Gomez, MD; E. Colon, MD; J.A. Vidal, MD

LL-ER2479

Acute, Nontraumatic Imaging of the Head and Neck: A Pictorial Review

E.F. Capps, MD, Dallas, TX; J. Kinsella, MD; M. Gupta, MD; M. Massand, MD; M.J. Opatowsky, MD

LL-ER2484

The ABCs of Body CT Following Trauma: A Systematic Approach

S.M. Kershah, MD, Cleveland, OH; I. Chiong, MD; L. Tseng

LL-ER2489

Hiking the Plateau: An Imaging Approach and Pictorial Review of Tibial Plateau Fractures

K. Badillo, MD, San Juan, PR; D.M. Rodriguez, MD; G.J. Rivera-Velazquez, MD; E. Colon, MD; J.A. Vidal, MD; A.A. Gomez, MD

LL-ER2490

Multidetector CT of Blunt Venous Injuries in the Chest, Abdomen, and Pelvis

B.P. Holly, MD, Baltimore, MD; S.D. Steenburg, MD

LL-ER2497

The Use of MDCT in the Evaluation of Shoulder Trauma: What the Clinician Needs to Know

K. Badillo, MD, San Juan, PR; J. Cortes, MD; Y.M. Lopez-Alvarez, BS; A.A. Gomez, MD; E. Colon-Negron, MD; J.A. Vidal, MD

LL-ER2498

“Triple Rule-Out” Thoracic MRI Applied to Emergency Radiology: Workflow Issues, Protocols, Pathologies, Artifacts, Pitfalls, and Useful Tips

D.R. Engelkemier, MD, San Diego, CA; M.V. Cronin, MD; A. Kahn, MD, PhD; J.W. Renner, MD; A. Karimi, MD

LL-ER2499

MRI Neuroimaging of the Adult Trauma Patient

C. Aquino, MD, Glen Burnie, MD; S.D. Steenburg, MD; K. Shanmuganathan, MD

LL-ER2500

Traumatic Injury to the Hip and the Role of MDCT in the Emergency Department

K. Badillo, MD, San Juan, PR; J.O. Zayas, MD; I. Salom, MD; Y.L. Feliciano, BS; J.N. Sepulveda, MD; J.A. Vidal, MD

LL-ER2503

A Tale of Two Kidneys: Evaluation of Traumatic Renal Injury with MDCT

L.E. Garcia, MD, San Juan, PR; K. Badillo, MD; C.F. Cortes-Cardona, MD; G. Ballesster, MD; E. Colon, MD; A.A. Gomez, MD

LL-ER2508

Multidetector CT Features of Acute Mesenteric Ischemia

M. Allegue, MD, Sousse TUN; R. Atallah; S. Mourad, MD; K. El Abed, MD; Y. Dahmene, MD; S. Hochleif, MD

LL-ER2518

Biliary Imaging: Imaging Traumatic Biliary Emergencies

G.A. Franco, MD, Boston, MA; S. Anderson, MD; S. Calle; C. Whitecar, MD; A. Gupta, MD; N. Holalkere, MD; et al

LL-ER3308

Acute Traumatic Aortic Injuries: Post-Therapy Multi-Detector Computer Tomography Findings

T.A. Morgan, MD, Baltimore, MD; S.D. Steenburg, MD; S.E. Mirvis, MD

LL-ER3314

The Morbidly Obese Trauma Patient: Imaging Challenges and Solutions

M.J. Modica, MD, Seattle, WA; C.T. Sadro, MD; K.M. Kanak, PhD; M.M. Ramos; M.L. Gunn, MBChB

LL-GI2700

Imaging of Intraoperative Fat Focal Infarction: What Every Radiologist Should Know

M. Zins, MD, Paris FRA; M. Julles; D.M. Regent, MD; Y. Ranchoup; A. Gautier IV; I. Boulay-Coletta, MD

LL-GI2717

Complications of Locoregional Therapy in the Liver: Spectrum of Imaging Findings by CT and MRI

D. Bonekamp, MD, PhD, Baltimore, MD; S. Bonekamp, DVM; T. Wählin; D.K. Reyes, BS; J.H. Geschwind, MD; E.K. Fishman, MD

LL-GI2726

Ex Vivo MR Imaging Technique to Colocalize Internal Components of Liver Nodules on Imaging and Pathology

K. Ganesan, San Diego, CA; E. Achmad; J.H. Nguyen, MD; M. Peterson; A. Khanna; C.B. Sirlin, MD

LL-GI2733

First Clinical Experience with Sonographic Elastography of the Liver Using Acoustic Radiation Force Impulse (ARFI) Imaging

D.B. Husarik, MD, Zurich CHE; R.C. Nelson, MD; D. Bradway, BEng; B. Fahey, PhD; K. Nightingale, PhD; G.E. Trahey, PhD

LL-GI2734

Unusual Nonhepatocyte Origin Tumors of the Liver: Radiologic-Pathologic Correlation

Y. Kim, MD, Seoul KOR; M. Park, MD; Y. Chung, MD; K. Kim, MD; S. Baek, MD; J. Choi; et al

LL-GI2735

New Clinical Applications of a Liver-specific MR Contrast Agent for Dynamic Hepatobiliary Imaging

R.T. Gupta, MD, Durham, NC; C.M. Brady, MD; J. Lotz, MD; D.T. Boll, MD; E.M. Merkle, MD

LL-GI2748

Adult Bile Duct Strictures—Inside Out: Role of MRI / MRCP in Characterization

V. Katabathina, MD, Seattle, WA; A.K. Dasyam, MD; N. Dasyam, MBBS; K. Hosseinzadeh, MD; A.M. Nagar, MBBS; A. Sunnapwar, MD

LL-GI2761

Hepatobiliary Complications of Pregnancy

M.T. Heller, MD, Gibsonsia, PA; M.E. Tublin, MD; K. Hosseinzadeh, MD; J.H. Sumkin, MD; A.A. Fargiano, MD

LL-GI2769

Pictorial Review of Periapillary Tumors

R. Sugita, Sendai JPN

LL-GI2773

Imaging Findings and Distribution of Melanoma Metastases in the Abdomen: What to Look for

A.T. Trout, MD, Ann Arbor, MI; K.M. Elsayes, MD; J.Z. Li; J.F. Platt, MD; C.O. Menias, MD

LL-GI2779

Total Pancreatectomy with Autologous Islet Cell Transplantation for the Treatment of Chronic Pancreatitis: A Review of Normal Postoperative Imaging Findings and Complications

K.A. Choe, MD, Cincinnati, OH; S. Verma, MD; J.J. Sussman, MD; S.A. Ahmad, MD; J.B. Matthews, MD; A.M. Lowy, MD; et al

LL-GI2783

Multimodality Imaging Manifestations of Focal Splenic Lesions: A Road Less Traveled

B.R. Foster, MD; N. Holalkere, MD C. Whitecar, MD, Boston, MA; A.M. Katur, MD; S. Anderson, MD; A. Gupta, MD

LL-GI2784

Diffusion-weighted Imaging (DWI) of the Abdomen: Basic Principles, Technical Pitfalls, and Clinical Applications—Where Do We Stand?

A.C. Morani, MD K.M. Elsayes, MD, Ann Arbor, MI; T.L. Chenevert, PhD; P.S. Liu, MD; A. Khan, MD; H.K. Hussain, MD

LL-GI2794

Pseudomasses of the Pancreas: Benign or Malignant?

P.A. Marcovici, MD, San Diego, CA; L. Aganovic, MD; V. Panchal; M.J. Austin, MD; P. Chu, MD; F. Hughes Cassidy, MD

LL-GI2796

State-of-the-Art Pancreatic MR Imaging

K. Sandrasegaran, MD, Indianapolis, IN; C.G. Lall, MD; S. Verma, MD; F.M. Akisik, MD; A.M. Aisen, MD; W.A. Berry, MD

LL-GI2802

Diffusion-weighted (DW) Imaging in Patients with Benign and Malignant Pancreatic Lesions

Y. Wang, MD, Chicago, IL; F.H. Miller, MD; P. Nikolaidis, MD; V. Yaghamai, MD; Z.E. Chen, MD

LL-GI2804

Pancreatic Endocrine Neoplasms: Radiologic-Clinicopathologic Correlation

R. Lewis, MD, Bethesda, MD; G.E. Lattin JR, MD

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MRI of the Pancreas: An Electronic Atlas of Pancreatic Masses with Surgical Path Correlation

L. Inde, MD B. Garon, MD, Los Angeles, CA; M. Fleming, BS; S.E. Martin, MD; S. Palmer, MD

LL-GI2808

CT Findings in Celiac Disease: The Commonest and Least Diagnosed SB Disease

F.J. Scholz, MD, Burlington, MA

LL-GI2809-B11

The Malabsorption Pattern Reborn: CT Findings in Malabsorptive Diseases

F.J. Scholz, MD, Burlington, MA

LL-GI2826

Criteria, Classifications, and Scoring Systems in Abdominal Imaging: One-Stop Shop!

C.G. Lall, MD, Indianapolis, IN; M. Tann, MD; A. Patel, MD; T.M. Harris, MD; M.D. Kohli, MD; K. Sandrasegaran, MD

LL-GI2833

Abnormal Location of Air/Gas on Abdominal Radiograph and CT

Y. Kim, MD J. Kim, Seoul KOR; J. Yu, MD; J. Chung, MD

LL-GI2839

Pneumo-esophageal 64-MDCT in the Evaluation of Esophageal Tumors: What Should We Know about This Technique?

M. Ulla, MD, Del Viso-Pilar ARG; M.I. Muñoz; D. Cavadas, MD; E. Levy Yeyati, MD; A.C. Seehaus, MD; R.D. Garcia-Monaco, MD

LL-GI2851

LL-G13742

New CT Findings of Response and Recurrence Independent of Change in Tumor Size in Colorectal Liver Metastasis Treated with Bevacizumab
P. Boonsirikamchai, MD, Houston, TX; D.M. Maru, MD, BMedSc; Y. Chun, MD; H. Kaur, MD; S. Kopetz, MD; E.M. Loyer, MD

LL-G13751

Can CAD Help Improve the Performance of Radiologists in Detection of "Difficult" Polyps in CT Colonography?
K. Suzuki, PhD, Chicago, IL; M. Hori, MD; E.G. McFarland, MD; A.C. Friedman, MD; D.C. Rockey, MD; A.H. Dachman, MD

LL-IN2587

J-Viewer: A Free Javascript Library for Creating Web (and iPhone) Teaching Files with Simple PACS Functionality
N.N. Parekh, MD B.H. Do, MD, Stanford, CA; A. Wu, MD; S. Biswal, MD; D.L. Rubin, MD

LL-IN2589-R15

Xrayhead MSK Online: A Radiology Teaching File Based on RSNA's RadLex B.H. Do, MD, Stanford, CA; A. Wu, MD; K.J. Stevens, MD; S. Biswal, MD; C.F. Beaulieu, MD, PhD; G.E. Gold, MD, MSEE

LL-IN2594

Quasi-experimental Approaches in Imaging Informatics: Bridging the Gap between Nonexperimental and Randomized Study Design
P. Lakhani, MD, Philadelphia, PA; J.Y. Chen, MD; P.G. Nagy, PhD; N.M. Safdar, MD

LL-IN2602

Evaluation of an E-Learning Platform for Teaching Medical Students How to Make Appropriate Radiology Referrals
N.L. Marshall, MBBS, FRANZC, Dublin IRL; L. Galvin; M. Spooner; N. McElavaney; M.J. Lee, MD

LL-IN3518

CAD System with Synchronized Display of Supine and Prone Virtual Unfolded Views for Assisting CT Colonography Reading

M. Oda, BS, Nagoya JPN; E. Fukano; T. Kitasaka, PhD; K. Mori, PhD; Y. Suenaga, PhD; H. Natori, MD, PhD; et al

LL-IN3519

Dynamic CAD: A CAD System Based on Dynamic Volume-rendering for Assessing Chemotherapeutic Effects on Follow-up 3D Chest CT Scans

Y. Nimura, Nagoya JPN; Y. Nakamura, MEng; T. Kitasaka, PhD; K. Mori, PhD; H. Takabatake, MD, PhD; M. Mori, MD; et al

LL-IN3539

A Free and Customized Online Tool to Facilitate Quick and Accurate Staging of Common Abdominal Malignancies
R.S. Talanow, MD, PhD, Cleveland Heights, OH

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How to Become a Better and More Productive Radiologist Using Social Media
G. Choy, MD, Boston, MA; S.R. Pomerantz, MD

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Understanding Genomic Data in the Context of the Patient Health Record: Implications in Radiology
W. Hsu, Los Angeles, CA; J.C. Papp, PhD; H. Kangarloo, MD; A.A. Bui, MS, PhD

LL-MI2303

Stem Cell Tracking with MR Imaging and Optical Imaging
S. Boddington, San Francisco, CA; T.D. Henning, MD; E.J. Sutton, MD; P. Jha, MBBS; L. Mandrussow; H.E. Daldrup-Link, MD, PhD

LL-MK2341-H15

Hydroxy-apatite Deposition Disease (HADD) from Head to Toe: Diagnostic Imaging and Image-guided Treatment
T. Moser, MD, Montréal CAN; N.J. Bureau, MD; V. Khoury, MD; E. Cardinal, MD

LL-MK2344

Elbow Ultrasound: Indications, Technique, Normal Anatomy, and Pathology
G.P. Koinin, MD, New York, NY; A.J. Burge, MD; D.M. Walz, MD; J.S. Newman, MD

LL-MK2345

Hurt Hands: Fractures and Other Injuries
L.A. Bush, MD, Seattle, WA; F.S. Chew, MD; M.L. Richardson, MD; R.F. Gerson, MD

LL-MK2346

Traumatic Scapho-Lunate Instability and Scapho-Lunate Advanced Collapse (SLAC) Wrist: A Pictorial Review of Magnetic Resonance Arthrography and Multi-Detector Computed Tomography Arthrography Features
M. Crema, MD, Boston, MA; J. Zentner, MD; A. Guermazi, MD; N. Jomaah, MD; K. Bohndorf, MD; F.W. Roemer, MD

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Cadaveric Elbow Allograft and Prosthetic Arthroplasty: Indications and Imaging Findings
L. Tumyan, MD, Glendale, CA; C.J. Chakarun, MD; J.M. Itamura, MD; T.J. Learch, MD; E.A. White, MD

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DISI or VISI? An Easy Approach to Pathology of the Scapholunate and Lunotriquetral Ligament Complexes
L.B. Raheer, MD, San Francisco, CA; S.R. Kumbhani, MD; R. Aslam, MBChB

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My Sore Thumb: Internal Derangement of the Thumb
W.A. Bhatti, MBChB, Manchester GBR; G.S. Ahmad; S. Sak, MBChB; J.P. Jenkins, MBChB

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Bursae of the Knee: Normal Anatomy, Complications, and Mimics
A. Negahban, MD, Encino, CA; D.M. Forrester, MD; S. Masih, MD; D.B. Patel, MD; E.A. White, MD; G.R. Matcuk Jr, MD

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Increased Meniscal Signal Not Related to Tear
B. Graca, MD, Coimbra PRT; A.D. Gil Agostinho, MD; C. Marques; F. Caseiro Alves, MD

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The Forgotten Infrapatellar Fat Pad of Hoffa: Pictorial Review
R.H. Trueba, MD, Buenos Aires ARG; J.C. De Pablo Pardo; A. Gaser, MD; E.L. Salum, Dipl Phys; A.E. Buzzi, MD

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Peroneal Nerve Pathologies around the Knee on MRI
K.C. Chen, MD, Philadelphia, PA; N. Shabshin, MD

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Marrow Signal Alterations in the Ankle and Foot: MRI Features
S. Perez, Madrid ESP; S. Garcia; Z.S. Rosenberg, MD; J.T. Bencardino, MD; A.M. Rios, MD

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Imaging Evaluation of Flatfoot Deformity
K. Kitsukawa, MD, Kawasaki JPN; N. Tachizawa, MD; Y. Nakajima, MD; H. Niki, MD

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MDCT Arthrography vs MR Arthrography in Assessment of the Ankle
N. Jomaah, MD, Paris FRA; P.X. Le Hir, MD; L. Schmider; J. Renoux, MD; Y.M. Menu, MD; O. Drain

LL-MK2403

MRI Mapping of Skeletal Muscle Denervation in Peripheral Neuropathies
S. Kim, Seoul KOR; S. Hong; W. Jun, MD; J. Choi, MD; J. Myung, MD; J. Lee; et al

LL-MK2409

Multi-Modality Imaging of Peripheral Neuropathies Involving the Lower Limb
D.D. Linda, MD; D. Kisselgoff, MD S. Harish, MBBS, Hamilton CAN; R.P. Rebello, MD; G. Oomen; R. Segal, MD

LL-MK2412-L13

Bisphosphonate-related Femoral Insufficiency Fractures
L.A. Bush, MD, Seattle, WA; F.S. Chew, MD; M.L. Richardson, MD; S.M. Ott, MD

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The Subscapularis Tendon: A Review of Relevant Anatomy, and Pathology including a Discussion of Subcoracoid Impingement
M. Brown, MD, New York, NY; R. Singson; V. Merunka, MD

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MRI In-Nerve Abnormalities of the Shoulder: What Every Radiologist Should Know
J. Cubero Carralero, Leganes ESP; A. Jorge; A. Carro Martínez; C. Ferreiro Arguelles; S. Gonzalez Cabestreros; J.M. Fernández-Gallardo, MD

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Dual X-Ray Absorptiometry: How-to, and What Does It Mean—A Comprehensive Review

J. Azpeitia Armán R.M. Lorente-Ramos, MD, Madrid ESP; M. Grande-Barez, MD; J. Cuesta; Y. Del Valle-Sanz, MD; M. Pelayo, MD

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An Update on MRI Assessment of Articular Cartilage in the Knee: Current Techniques and Their Applications in Clinical Practice and Clinical Research
M.D. Marra, MD, Boston, MA; M. Crema, MD; F.W. Roemer, MD; F. Eckstein, MD; D. Burstein, PhD; A. Guermazi, MD

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Vascular Pathology Presenting as Musculoskeletal Neoplasms
T.J. Learch, MD, Los Angeles, CA; J.L. Robinson, MD

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Benign Bone Lesions That Mimic Malignancy
M.S. Taljanovic, MD, Tucson, AZ; C.W. Hayes, MD; K.B. Hoover, MD, PhD; J.R. Camden, MD; T.B. Hunter, MD; L.F. Rogers, MD

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Measuring Up: A Guide to Essential Measurements in Musculoskeletal Imaging
C.J. McMahon, MBChB, Boston, MA; M.G. Hochman, MD; R.L. Eisenberg, MD, JD

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C. Tan, MBBS, Houston, TX; P.R. Bhosale, MD; P. Boonsirikamchai, MD; R. Vikram, MBBS; S.C. Faria, MD; C. Charnsangavej, MD

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Filling Defects in Arteries and Veins: What It Could Be When It Isn't a Clot
M. Nishino, MD, Boston, MA; A.A. Giardino, MD; K.M. Krajewski, MD

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Pictorial Review of the New Response Evaluation Criteria in Solid Tumors: Revised RECIST Guideline Version 1.1—What Oncologists Want to Know and What Radiologists Need to Know
M. Nishino, MD, Boston, MA; J. Jagannathan, MBBS; N.H. Ramaiya, MD; A.D. Van Den Abbeele, MD

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Spectrum of Medication-induced Complications in the Belly: Role of Cross Sectional Imaging, and Implications on Management
A.K. Shanbhogue, MD, MBBS, San Antonio, TX; V. Ojili, MD; R. Vikram, MBBS; D.K. Shanbhogue, MBBS; N. Fahis, MBBS; S.R. Prasad, MD

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Spot the Offender: A Self-test Module of Drug-related Side Effects at Abdominal CT
P. Jha, MBBS, San Jose, CA; F.V. Coakley, MD; J. Wang, MD; B.M. Yeh, MD; L. Poder, MD; A.C. Westphalen, MD

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Computer-aided Detection: In Tune with Diagnostic Perfection
A.K. Singh, MD, Boston, MA; G.J. Harris, PhD; D.V. Sahani, MD; W. Cai, PhD; J.J. McGowan; H. Yoshida, PhD

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H.A. Tchelepi, MD, Winston-Salem, NC; R. Sauer, MD; J.R. Leyendecker, MD

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Implementation of an Automated Computer System for Tracking Follow-up Studies Recommended by Radiologists
C. Yam, PhD, Boston, MA; J.B. Kruskal, MD, PhD; L. Darrach, BSC

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Tumor Markers and Immunohistochemistry in the Everyday Oncologic Practice: It Is Not as Hard as You Think!
M.A. Saksena, MD, Boston, MA; V.R. Iyer, MBBS; M.G. Harisinghani, MD; R.N. Uppot, MD; J.F. Simeone, MD; P.R. Mueller, MD

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Gastrointestinal Stromal Tumors: The Road Less Traveled (the Less Known Aspects of Imaging in GIST)
J. Jagannathan, MBBS, Boston, MA; P.R. Ros, MD, MPH, PhD; N.H. Ramaiya, MD; R.R. Gill, MBBS; A.D. Van Den Abbeele, MD; J.A. Morgan, MD

LL-MS2577

Clinical Applications of DWI from Head to Toe
A. Luna, MD, Jaen ESP; L. Luna, PhD; R. Ribes, PhD; P. Caro; L.H. Da Cruz, MD; I. Rodriguez

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Metabolic Syndrome: The Spectrum of Image Findings as Provided by CT and MR
F. Saremi, MD K. Meng, MD, Orange, CA; C.H. Lee, MD; N. Yashar, BS; M. Golshan, MD

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Post-transplant Lymphoproliferative Disorder: Spectrum of Imaging Findings
M.G. Lubner, MD, Madison, WI; T. Ahmed, MD; C.O. Menias, MD; S. Bhalla, MD; P.J. Pickhardt, MD

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Pitfalls in the Interpretation of Interval Changes in Successive Whole Body Bone Scintigrams: Lessons Learned from a Prospective Clinical Study
J. Shirashi, Kumamoto JPN; D.E. Appelbaum, MD; Y. Pu, MD, PhD; R. Engelmann, MS; Q. Li, PhD; K. Doi, PhD

LL-NM2309

Illustrative Review of the Radionuclide Manifestations and Complications of Sickle Cell Anaemia
A. Hameeduddin, MD, London GBR; M.N. Berovic, MBBS, FRCR; J.R. Buscombe, MD; P. Boavida, MBBS

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Potential Role of Dedicated Multislice SPECT-CT in Oncology
G. Gnanasegaran, MD; R.D. Rangarajan, MRCP, FRCP, London GBR; S. Chicklore; S. Vijayanathan, MBBS; S. Clarke

LL-NM2327

The Role of Diagnostic Contrast-enhanced PET/CT in Intensity-modulated Radiation Therapy Planning: Usefulness and Limitations with Emphasis on Head and Neck Malignancies
V. Prakash, MBChB, Aalborg DNK; J. Carl, MSC, PhD; L. Larsen, RT; M. Kubik, MD; R. Fisker, MD; V.V. Iyer, MD

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Assessment of Immediate Therapeutic Response to Radiofrequency Ablation and Surveillance of Recurrence in Neoplastic Lesions: Demonstration with FDG PET-CT
N.C. Purandare, MBBS, Mumbai IND; V. Rangarajan Sr, MD; S.A. Shah Jr, MD; A. Rajneesh, MBBS; S. Kulkarni; A.V. Kulkarni, MD

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Three-dimensional Dental CT: Bringing Smile in Dentistry!!
S.H. Chandrashekhara, MD, New Delhi IND; A. Goyal, MBBS; S. Kumar; S. Thulkar, MD

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Influences of the Parallel Imaging Technique SENSE on Ultra High Field Diffusion Tensor Imaging and Fibertracking at 7 T
S. Sammet, MD, PhD, Columbus, OH; M.O. Irfanoglu, MS; R.M. Koch, MD; R. Machiraju, PhD; P. Schmalbrock, PhD; M.V. Knopp, MD, PhD; et al

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Susceptibility-weighted Imaging in the Central Nervous System: The Application in the Trauma, Neurodegeneration Disorder, and Vascular Disease
K. Zhang, MD, Beijing CHN; K. Li, MD; C. Yu; J. Liu, MD, PhD

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Advanced MR Imaging Techniques for the Assessment of Intraaxial Brain Tumors: A Practical Approach to the Differential Diagnosis
E.L. Gasparetto, MD, Rio de Janeiro BRA; L.H. Da Cruz, MD; F. Rueda; R.R. Batista, MD; R.C. Domingues, MD; R.C. Domingues, MD

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Current Consensus and the Role of MR Imaging Studies of Paraneoplastic Neurological Disorders
R. Ukisu, MD, Yokohama JPN; S. Yagi, MD; T. Fukushita, MD; H. Fujisawa, MD; H. Takenaka, MD; T. Kushihashi, MD; et al

LL-NR4472

Facial Nerve: Anatomy and Disease Spectrum according to Its Functional Components
H.K. Lee, MD, Troy, MI; H. Haroyan, MD; I.T. Zak, MBBS

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Eponymous Vessels of the Brain: A Historical and Case-based Clinical Perspective
N.V. Gupta, MD, New York, NY; N.J. Kagetsu, MD

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Imaging Temporal Bone Fractures: Classification Systems and Complications
N. Saito, MD, Boston, MA; R.N. Nadgir, MD; E.N. Flower, MD; O. Sakai, MD, PhD

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Bilateral Thalamic Lesions: A Review of Interesting Cases
A. Hegde, Singapore SGP; S. Mohan, MD; C.C. Lim, MBBS; S.B. Desai, MBBS; N. Lath

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The Phakomatoses: Neurofibromatosis (Neurofibromatosis and Tuberous Sclerosis), Sturge Weber, and Von-Hippel Lindau—A Pictorial and Histopathologic Review

G.J. Guzman, MD, Morgantown, WV; J. Hogg, MD; N. Bailey, MD; K. Fallon, MD

LL-NR4513

Imaging the Floor of the Mouth
S.J. La'Porte, MBCh, MRCP; J.K. Juttla, MBBS R. Lingam, MBCh, Hertfordshire GBR

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State-of-the-Art Biologic Imaging in Head and Neck Cancer
A. Srinivasan, MD, Ann Arbor, MI; S.K. Mukherji, MD

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Congenital Sensorineural Hearing Loss: Correlation of CT, MRI, and Electrodiagnostic Testing
G.R. Beyer, MD, Ann Arbor, MI; S.S. Gebarski, MD

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Elasticity Imaging of the Thyroid Nodule: A New Method in Ultrasound Diagnosis
K. Jeong, MD, Busan KOR; M. Jung, MD; K. Oh, MD; H. Kang; Y.D. Cho, MD

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Postoperative CT Features of Middle Ear and Mastoid Diseases: What the Radiologist Needs to Know
A. Masukawa, Shinjuku-ku JPN; H. Machida, MD; K. Suzuki, MD; S. Morita, MD; Y. Shen, PhD; E. Ueno, MD

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Spinal Cord Lesions: A Pictorial Essay Illustrating the Role of Conventional and Advanced MR Imaging in the Differential Diagnosis
E.L. Gasparetto, MD, Rio de Janeiro BRA; E. Law, MBBS; L.H. Da Cruz, MD; R.C. Domingues, MD; R.C. Domingues, MD

LL-NR5113

The Appearances of Intracranial Iatrogenic Materials on MRI and CT: A Pictorial Review
A.K. Charran, MBBS, Stoke on Trent GBR; M. Balasubramaniam, BDS, MBChB; V. Garg, MBBS, MRCS; C.K. Jadum, MBBS, FRCP

LL-NR5116-D

MR Neuroimaging Protocols at 1.5 T and 3 T: What You Need to Know
L.N. Tanenbaum, MD, New York, NY; H.A. Rowley, MD; M.J. Kuhn, MD; D.S. Enteline, MD

LL-NR5123

Don't Talk With Your Mouth Full: Causes Of Macroglossia
J.J. Baima Jr, MD; W.R. Smoker, MD, Iowa City, IA; L.R. Gentry, MD; M.A. Michel, MD; D.L. Reede, MD

LL-NR5133

Interactive CT Sinus Anatomy Web-based Teaching Module
S.E. Logerfo, MD, Seattle, WA; M.L. Richardson, MD; R.W. Dalley, MD; Y. Anzai, MD

LL-OB4761

Male Pseudohermaphroditism Appearing as Primary Amenorrhea: The Role of MR Imaging
Y. Tanaka, MD, Tsukuba JPN; K. Matsumoto, MD; T. Satoh, MD; S. Okada, MD; A. Oki; H. Yoshikawa, MD, PhD; et al

LL-OB4762-L06

Imaging Evaluation of the Infertile Woman
R. Blasbalg, MD, Sao Paulo BRA; L.P. Chamie, MD, PhD; P.C. Serafini, MD

LL-OB4767-L14

Diffusion-weighted MRI in Ovarian Cancer: A Potentially Useful Tool in Noninvasive Disease Staging and Assessment of Cytotoxic Treatment Response
S. Kyriazi, MD, Sutton GBR; D.J. Collins; V.A. Morgan; S. Giles; N.M. Desouza, FRCP

LL-OB4774

FDG-PET/CT and MR Imaging Findings of Uterine Tumors: A Pictorial Review
K. Kitajima, MD, Shimotuka-gun JPN; K. Murakami, MD, PhD; Y. Kaji, MD, PhD

LL-OB4794

Imaging during Pregnancy: Exam Appropriateness
K.M. Wieseler, MD, Seattle, WA; P. Bhargava, MBBS; K.M. Kanal, PhD; S. Vaidya, MD; B.K. Stewart, PhD; C.T. Sadro, MD

LL-OB4802

EXIT Procedure: Technique and Indications with Prenatal Imaging Parameters for Assessment of Airway Patency
M.K. Dighe, MD, Seattle, WA; E. Cheng, MD; J. Perkins, MD; T.J. Dubinsky, MD; S. Peterson, MD

LL-OB4808-H12

Multimodality Evaluation of the Uterus
S. Majewski, MD, Rochester, NY; R. Sidhu, MD; S. Bhatt, MBBS; V.S. Dogra, MD

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CERTIFICATE OF MERIT CONTINUED FROM PREVIOUS PAGE

LL-OB4812
Diagnostic Signs in Imaging of the Female Pelvis: A Pictorial Review
M. Takeuchi, MD, Tokushima JPN; K. Matsuzaki, MD, PhD; H. Nishitani, MD, PhD

LL-OB4813
Multimodality Imaging Review of Fallopian Tube Pathology
M. Rezvani, MD, Salt Lake City, UT; A.M. Shaaban, MD

LL-OB4814
Imaging Algorithm for Non-Gravid Emergency Uterine Bleeding: Comparative Analysis of Ultrasound, MRI with Pathologic Correlation
B.C. Devenney-Cakir, MD, Boston, MA; R. Hito, BA, MD; E. Kuligowska, MD

LL-OB4816
Unraveling the Fallopian Tubes
E.J. O'Donovan, MBBS, London GBR; H.J. Cassidy, MA, MBBS; D.R. Tsukagoshi, MBBS; C.L. Davies, MBBS, FRCR; J.C. Hillier, MBBCh; P. Narayanan, MBBS

LL-OB4819
Normal or Abnormal? Demystifying Patterns of Uterine and Cervical Contrast Enhancement on Multidetector CT
S. Yitta, MD, New York, NY; E.M. Hecht, MD; E. Mausner; G.L. Bennett, MD

LL-OB4822
The Uterosacral Ligament: Anatomic Review and Pathological Conditions Based on MR Imaging
L.K. Bittencourt, MD, Rio de Janeiro BRA; C.M. Morgan; A. Coutinho Jr, MD; E.N. Cupolilo SR; R.C. Domingues, MD

LL-OB5409-H
Percutaneous Tumor Ablation in the Treatment of Patients with Gynecologic Cancer
V.L. Flanders, MD, Boston, MA; D.A. Gervais, MD; A. Russell, MD; S.I. Lee, MD, PhD; P.R. Mueller, MD; R.S. Arellano, MD

LL-PD4882
Pediatric Globe Tumors
S.S. Jawadi, MD, Mission, KS; S. Abedin, MD; P. Mehta; D.C. Rivard, DO

LL-PD4884
Imaging Presentations of Intracranial Aneurysmal Disease in Children
G. Aeron, MBBS, MD, Cincinnati, OH; T. Abruzzo, MD; J. Blaize, MD

LL-PD4887
Imaging Findings and Diagnostic Strategy in Pediatric Acute Stroke
E. Alonso Gamarra, Madrid ESP; V. Perez Duenas; A. Royo, MD; M. Tirado; F. Carceller; R. Frutos, MD

LL-PD4890
Congenital Metabolic Disorders in Children: The Systematic Approach on Brain MRI
S. Yoshida, Kyoto JPN; K. Hayakawa, MD; T. Kanda, MD; Y. Yamori, MD; N. Yoshida; H. Hirota; et al

LL-PD4892
Where Does That Brain Anomaly Come from? The Tale of the Developing Brain
R.F. Riascos, MD, Galveston, TX; M. Caldas Vasquez; S.P. Jadhav, MD; L.E. Swischuk, MD

LL-PD4894
MRI in Term Newborns Presenting with Seizures: A Window to the Etiology
M. Rebollo, MD, Madrid ESP; J. Hurteau, MD; E.E. Laffan, MB; H.H. Naser, MBBCh; H.A. Tabban, MBBCh; K. Koujok, MD

LL-PD4908
Review of Pediatric MDCT Dose Management: Questions and Answers on Emerging Strategies and Underlying Concepts
R.A. Cohen, MD; D.M. Bardo, MD; J. Asamoto, RT, BS; B. Garofolo, RT, BS; P. Coulon J.H. Yanof, PhD, Cleveland, OH

LL-PD4910
Bone Marrow Transplantation in the Pediatric Population: Timing and Imaging of Complications
T. Chapman, MA, MD, Seattle, WA; M. Sammer, MD

LL-PD4911
Role of 3D-MDCT in the Diagnosis and Surgical Planning of Craniosynostosis: The Radiologist Is Not Merely a Photographer
E. Alonso Gamarra, Madrid ESP; V. Perez Duenas; A. Diez; P. Garcia Raya Sr; P. Moreno Anaya Sr, MD; M. Parron Pajares Sr, MD

LL-PD4920
Overuse Injuries in Pediatric Athletes: Clinical Presentation, Imaging Findings, and Treatment
D.A. Paz, MD, San Diego, CA; C.B. Chung, MD; J.R. Dwek, MD; D. Wright, BS

LL-PD4925
Taking the Stress out of Evaluating Stress Fractures in Children
R.M. Jimenez, MD, Philadelphia, PA; N. Shabshin, MD; T. Laor, MD; D. Jaramillo, MD, MPH

LL-PH4833
Identifying Digital Radiography Artifacts
D. Magnuson, ARRT, Rochester, MN; B.A. Schueler, PhD; D.A. Erickson, ARRT; A.I. Walz-Flannigan, PhD

LL-PH4834
Computed Tomography Evolution: From the Beatles and Sir Godfrey Hounsfield to Multidetector State-of-the-Art Technology—A Stroll through History and Its Physics
E.T. Kimura-Hayama, MD, Mexico City MEX; K. Kimura, MD; J.L. Criales, MD; M.E. Stoopen, MD; R. Gutiérrez Quiroga, MD; M. Mercado-Guzmán, MD

LL-PH4846
Common Artifacts and Quality Control in PET/CT Imaging
E. Hsiao, MD, Boston, MA; L.L. Du, MBBS; F.H. Fahey, DSc

LL-PH5505-B
The Fluoroscopic Sentinel Event: What to Do?
G.M. Arbique, PhD; J.B. Guild, PhD; S. Revell, Ches; G. Pride Jr, MD; D.P. Chason, MD J.A. Anderson, PhD, Dallas, TX

LL-PH5507-L
The Physics of Clinical MR Taught through Images: Imaging Artifacts
J.N. Morelli, MD, Temple, TX; V.M. Runge, MD; L. Vu; S.H. Schmeets, BS; W.R. Nitz, PhD

LL-PH5510
Absorbed Doses to the Conceptus at CT
W. Huda, PhD; S. Tipnis; E. Mah G. Frey, PhD, Charleston, SC; D.M. Magill, BSc,

LL-PH5512
Bias in Radiologic Studies: A Review
G. Lee, Adelaide AUS; A. Branford

LL-PP4406
Introduction to Epidemiology for the Radiologist
A. Gentili, MD, La Jolla, CA

LL-PP4409-H02
The “Quality Academy” Conference as a Pillar of Quality Assurance
W.W. Olmsted, MD, Baltimore, MD; P.G. Nagy, PhD; M.S. Adams, BA

LL-PP4421
Reducing Intravenous Contrast Volume in CT: Strategies for Cost Saving While Improving Patient Safety, and Maintaining Diagnostic Quality
M.S. Galizia, MD, Chicago, IL; S.M. Tochetto, MD; P. Rezai, MD; F.L. Hoff, MD; V. Yaghamai, MD

LL-PP5040-D
Implementation of a Quality Assurance Process for On-Call Radiology Resident Preliminary Reports
R. Chiu J.K. Woo, MD, Vancouver CAN; S.G. Ho, MD; S.D. Chang, MD

LL-R04863
Imaging Findings of Complications after Radiotherapy
T. Watadani, MD, Hidaka JPN; M. Akahane, MD; F. Sakai, MD, PhD; F. Kimura, MD; K. Ohtomo, MD

LL-UR4678
Pheochromocytoma: Spectrum of Radiological and Pathological Findings from Adrenal to Extra Adrenal and from Benign to Malignant
S. Bhatt, MBBS, Rochester, NY; R. Sharma, MD; R. Sidhu, MD; V.S. Dogra, MD

LL-UR4682-R09
Sixty-four MDCT Evaluation of Living Renal Donors: Lessons Learned from the Urologists

C. Sebastia, Barcelona ESP; R.T. Salvador, MD, PhD; C. Nicolau, MD; L. Buñesch, MD; L. Peri, MD; I. Revuelta

LL-UR4684-B10
MDCT Urography Using a High Volume of Low Concentration Iodinated Contrast Material: Comparison with Standard Techniques
S.H. Patel, MD, New York; N.M. Hindman, MD; A.J. Megibow, MD, MPH; M.A. Bosniak, MD

LL-UR4694-H10
Renal CTA: Spectrum of Diseases with Intravascular Ultrasound (IVUS) Correlation
J. Bick-Forrester, MD, Los Angeles, CA; N. Azadi, MD; B. Talkin, BS; B.C. Christ; C.J. Chakarun, MD; L.C. Clavijo, MD, PhD; et al

LL-UR4707
Mixed Epithelial and Stromal Tumor of the Kidney (MEST): A Complex Diagnosis Made Simpler Using Radiologic-Pathologic Correlation Focusing on MDCT with 3D Mapping
E.K. Fishman, MD, Owings Mills, MD; K.M. Horton, MD; L.C. Chu, MD

LL-UR4708
Unclassifiable and Rare Renal Cell Carcinoma Subtypes: A Dilemma for Diagnosis
M. Hsu, BS, Los Angeles, CA; D. Chow, BS; S. Sauk, MD; G.G. Tse; D.J. Margolis, MD; S.S. Raman, MD

LL-UR4720
Prostate MRI for Dummies: When to Scan and What to Look for!
A. Gomez, MD, Los Angeles, CA; S.S. Raman, MD; D.J. Margolis, MD; T.D. McClure, MD; D.S. Lu, MD

LL-MK3224-R
Femoroacetabular Impingement: Added Value of 3D CT Imaging for Operative Planning
J.L. Demertzis, MD, Saint Louis, MO; J.W. Stephenson, MD; C.M. McDowell, MD; J. Clohisy, MD; D.A. Rubin, MD

LL-MS2526
Pathways of Extra-pelvic Spread of Disease: Imaging Findings
C. Tan, MBBS, Houston, TX; P.R. Bhosale, MD; P. Boonsirikamchai, MD; R. Vikram, MBBS; S.C. Faria, MD; C. Charnsangavej, MD

LL-NM2316
One of These Things Is Not Like the Other: Utility of Pattern Recognition in the Detection of Unsuspected Additional Primary Malignancies on PET-CT
E.M. Bowman, MD, Dallas, TX; U.D. Oza, MD; H.R. Latifi, MD

LL-UR4725
Advancements in MR Imaging of the Prostate: From Diagnosis to Interventions
K.J. Macura, MD, PhD, Baltimore, MD; D. Bonekamp, MD, PhD; R.H. El-Khouli, MD; M.A. Jacobs, PhD; D. Stoianovici

LL-UR4729
Under the RUG: Urethral Anatomy with Emphasis on Postoperative Studies
M. Gulati, MD, Saint Louis, MO; C.O. Menias, MD; C.L. Siegel, MD

LL-UR4738
Static and Dynamic MR Imaging of the Pelvic Floor: What Radiologists Need to Know
J.A. Ocantos, MD; V. Fattal Jaef, MD C. Mingote, MD, Capital Federal ARG; G. Garzon; M.A. Pietrani, MD

LL-UR5304
Mesenchymal Neoplasms of the Kidney in Adults: Imaging Spectrum with Radiologic-Pathologic Correlation
V. Katabathina, MD, Seattle, WA; A.M. Nagar, MBBS; R. Vikram, MBBS; S.R. Prasad, MD; V. Surabhi, MBBS; C.O. Menias, MD

LL-VI5917
Percutaneous Renal Cryoablation: Considerations in Lesion Selection and Treatment Technique
A.N. Kurup, MD, Rochester, MN; T.D. Atwell, MD; M.R. Callstrom, MD, PhD; G.D. Schmit, MD; C.J. Fleming, MD; J. Charboneau, MD; et al

LL-VI5918
A Review of Tumor Ablation Devices: One Tool Does Not Fit All
M.G. Lubner, MD, Madison, WI; J.B. Robbins, MD; C.L. Brace, PhD; L.A. Sampson; J. Hinshaw, MD; F.T. Lee Jr, MD

LL-VI6043
How to Choose an Embolization Agent: A Systematic Approach
M. Lubarsky, MD, Atlanta, GA; C.E. Ray Jr, MD; B.S. Funaki, MD

LL-VI6048
Recent Advances in the Evaluation and Treatment of Popliteal Artery Disease
I. Ahmad, MD, Boston, MA; T.G. Walker, MD; S.P. Kalva, MD; G.M. Salazar, MD; S. Wicky, MD

LL-VI6050
Peripheral Run-off in Patients with Renal Dysfunction: Low Dose CTA to No Dose MRA
S. Kitano, MD, Kashihara JPN; N. Marugami; J. Takahama, MD; S. Hirohashi, MD; T. Taoka, MD; K. Kichikawa, MD; et al

LL-VI6053
Endovascular Repair for Abdominal Aortic Aneurysm in Patients with Azotemia: How Should They Be Treated and Assessed without Iodinated or Gadolinium Contrast?
H. Itoh, MD, kashihara JPN; W. Higashiura, MD; S. Hidaka; S. Sakaguchi, MD; H. Sakaguchi, MD; K. Kichikawa, MD

LL-VI6056
Use of n-Butyl cyanoacrylate (NBCA) in Abdominal Embolotherapy: Indications and Techniques, Complications, and Their Management
M. Enokizono, MD, Nagasaki JPN; I. Sakamoto; H. Hayashi; E. Sueyoshi, MD; M. Uetani, MD

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A. Kono, MD, Kobe JPN; M. Higashi, MD; T. Nakazawa, MD; S. Kanzaki; T. Fukuda; N. Yamada, MD; et al

LL-VI6066
Preoperative Vascular Mapping of Free Flaps for Reconstructive Surgery: Role of CT Angiography (CTA)
A. Pellegrin, MD, Trieste ITA; T. Stocca, MD; M. Belgrano; M. Bertolotto, MD; Z.M. Arnez, MD; M.A. Cova, MD

LL-VI6069
Upper Extremity Digital Ischemia: What the Radiologist Needs to Know
M. Edjlali, Tours FR; P. Omoumi, MD; O. Favelle; A. Delhommais, MD; D. Alison, MD

LL-VI6071
CT Angiography for the Evaluation of Inferior Epigastric and Gluteal Artery Perforators prior to Breast Reconstruction Surgery: Technique, Do's, and Don'ts
N. Karunanithy, FRCR, London GBR; A. Mitchell, FRCR; A.K. Lim, MBBS

LL-VI6072
Endovascular Treatment of Peripheral Vascular Disease: Role of 3D C-arm CT Scan
G. Gahide, Montpellier FRA; P. Chabrot; E. Therasse, MD; M. Giroux, MD; V.L. Oliva, MD; G.P. Soulez, MD

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What Really Is a Flow Limiting Stenosis: Review of Ohm's Law and Fluid Mechanics and How It Applies to Vascular Imaging
A.F. Choudhri, MD, Baltimore, MD; C. Durst, MD; K. Kreitel, MD; P.T. Norton, MD

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Kill the Pain: A Practical Guide to CT-guided Celiac Plexus Block
G. Rajeswaran, London GBR; M. King, MBBS

LL-VI6096
Don't Be a Clot: A Radiologist's Guide to Coagulation including Novel Antiplatelet and Anticoagulant Therapies
E.M. Godfrey, MBBCh, Cambridge GBR; A. Pozo, BMBCh, MRCP; A.S. Shaw, MBChB

LL-VI6100-D11
Complications of Image-guided Thermal Ablation of Pulmonary Tumors: Lessons Learned and Imaging over 10 Years
B.T. Steadman, MD, PhD, Winston-Salem, NC; C. Chiles, MD; H.P. Clark, MD

LL-VI6104
Image-based Therapy Monitoring of MR-guided Radiofrequency Ablation
H. Rempp, Tuebingen DEU; S. Clasen, MD; C. Schraml; S. Miller, MD; C.D. Claussen, MD; P.L. Pereira, MD

LL-VI6109-B11
Comprehensive Review of TIPS Technical Complications and How to Avoid Them
R.C. Gaba, MD, Chicago, IL; J.T. Bui, MD; T.C. Carrillo, MD; G. Knuttinen; C.A. Owens, MD

LL-VI6110
Radiologic Interventions in Portal Hypertension: Anatomy, Indications, Technical Considerations, and Potential Complications
T. Kitayama, MD, Osaka JPN; T. Ninoi, MD; N. Nishida; M. Tokunaga; K. Nakamura, MD; R. Yamada, MD

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P.J. Peller, MD, Rochester, MN; R.C. Murphy, MD, PhD; R.M. Subramaniam, MD

LL-CA2647
Atrial Septal Defects (ASD): A Radiologic-Pathologic Study
M. Alcantara III, Mexico City MEX; E.T. Kimura-Hayama, MD; A. Meave-González, MD; R. Pale, MD; U. Bacilio-Perez, MD; E. Alexanderson-Rosas, MD

LL-CH4942
Pulmonary Edema: Multimedia Pictorial Essay
J. Martinez Jr, MD, Bogota COL; J.F. Forero, MD; H. Varon, MD; D. Palacios; A. Borbon, MD

LL-GI3737
Dual Energy (Spectral) CT for Routine Clinical Abdominal Imaging
A.C. Silva, MD, Scottsdale, AZ; A.K. Hara, MD; R.G. Paden; W. Pavlicek, PhD; B.G. Morse, MD

LL-GI3738
Magnetic Resonance Elastography of Liver: Technique, Analysis, and Clinical Applications
S.K. Venkatesh, MBBS, FRCR, Singapore SGP; M. Yin; R.L. Ehman, MD

LL-IN3526
Simulation-based C-arm Fluoroscopy Training to Help Improve Image Quality and Radiation Protection
O.J. Bott, PhD, Hannover DEU; K. Dressing, MD; M. Wagner; B.W. Raab, MD; M. Teistler, PhD

LL-MK3224-R
Femoroacetabular Impingement: Added Value of 3D CT Imaging for Operative Planning
J.L. Demertzis, MD, Saint Louis, MO; J.W. Stephenson, MD; C.M. McDowell, MD; J. Clohisy, MD; D.A. Rubin, MD

LL-MS2526
Pathways of Extra-pelvic Spread of Disease: Imaging Findings
C. Tan, MBBS, Houston, TX; P.R. Bhosale, MD; P. Boonsirikamchai, MD; R. Vikram, MBBS; S.C. Faria, MD; C. Charnsangavej, MD

LL-NM2316
One of These Things Is Not Like the Other: Utility of Pattern Recognition in the Detection of Unsuspected Additional Primary Malignancies on PET-CT
E.M. Bowman, MD, Dallas, TX; U.D. Oza, MD; H.R. Latifi, MD

LL-NR5137-L
The Human Brain in 1,002 Pieces: A Comprehensive and Interactive 3D Atlas of Structure, Vasculature, and Connections from Multiple 3 T and 7 T Acquisitions
W.L. Nowinski, PhD, Singapore SGP; B. Chua; G. Qian, MS; I. Volkau, PhD; M.V. Knopp, MD, PhD; V.M. Runge, MD; et al

LL-OB4768-R12
Multimodality Anatomical and Functional Imaging of Peritoneal Carcinomatosis from Ovarian Cancer
S. Kyriazi, MD, Sutton GBR; V. Lewington; G. Cook; N.M. Desouza, FRCR

LL-PD4892
Where Does That Brain Anomaly Come from? The Tale of the Developing Brain
R.F. Riascos, MD, Galveston, TX; M. Caldas Vasquez; S.P. Jadhav, MD; L.E. Swischuk, MD

LL-R04864
Molecular Radiobiology and Imaging Biomarkers of Postradiotherapy CNS Injury
C.I. Tsien, MD; Y. Cao, PhD; J.K. Brunso-Bechtold M.E. Robbins, PhD, Winston-Salem, NC

LL-UR4682-R09
Sixty-four MDCT Evaluation of Living Renal Donors: Lessons Learned from the Urologists
C. Sebastia, Barcelona ESP; R.T. Salvador, MD, PhD; C. Nicolau, MD; L. Buñesch, MD; L. Peri, MD; I. Revuelta

LL-VI5922
Vascular Access Trauma Following Endovascular Procedures: Prevention, Imaging, and Management
G. Gahide, Montpellier FRA; P. Chabrot; M. Giroux, MD; G.P. Soulez, MD; V.L. Oliva, MD; E. Therasse, MD