

RSNA 2012 - 98th Scientific Assembly and Annual Meeting Award Winners

MAGNA CUM LAUDE

LL-BRE-TU6A

Fat-containing Lesions on Breast Tomosynthesis: “Fat Is Not Your Friend!”

P.E. Freer, MD, Boston, MA; E.A. Rafferty, MD

LL-BRE4683

The One-View Digital Mammographic Finding: Minimizing Callbacks While Maximizing Cancer Detection

C.S. Giess, MD, Wellesley, MA; E.P. Frost, MD; R.L. Birdwell, MD

LL-CAE4656

The Right Atrium—Gateway to the Heart: Anatomy and Pathology
S.B. Malik, MD, Los Angeles, CA; J.Y. Hsu, MD

LL-CHE2300

Pregnancy and the Thorax: Imaging of Cardiovascular and Pulmonary Complications

C. Javidan-Nejad, MD, Saint Louis, MO; D. Vargas, MD; K.W. Cummings, MD; A. Cahill, MD; S. Bhalla, MD; C.O. Menias, MD

LL-CHE2334

Bronchiolocentric Lung Diseases: High-Resolution CT and Pathologic Findings

T.C. Franquet, MD, Barcelona SPAIN; S. Suster, MD; M.L. Rosado De Christenson, MD; A. Frazier, MD; S. Martinez-Jimenez, MD; A. Gimenez, MD

LL-CHE2383

Update in the Evaluation of the Solitary Pulmonary Nodule: Solid and Subsolid Lesions

S.E. Rossi, MD, Buenos Aires ARGENTINA; J.P. Ko, MD; I. Rossi; C. Viswanathan, MD; M.T. Truong, MD; J.J. Erasmus, MD

LL-ERE3123

Pictorial Review of Maxillofacial Trauma: From Orbits to Mandible
C.N. Hoff, MD, Ann Arbor, MI; S.T. Chong, MD; U.S. Knoepp, MD; M. Mazza, MD

LL-ERE4288

Traumatic Thoracolumbar Spine Injuries: What the Orthopedic Surgeon Wants to Know
S. Sheehan, MD, Boston, MA; B. Khurana, MD; A.D. Sodickson, MD, PhD; M.B. Harris, MD

LL-GIE-M06B

Internal Hernia after Roux-en-Y Gastric Bypass for Obesity: Clues to a Difficult Diagnosis
S.L. Summerton, MD, Philadelphia, PA; M.D. Fishman, MD; S. Saad, MD; J.D. Clayton, MD; M.M. Horrow, MD

LL-GIE-TU6B

Liver MR Elastography: A Primer for Radiologists

A. Tang, MD, Montreal CANADA; N.M. Szevenyi, PhD; G.M. Cunha, MD; J. Lam; R. Loomba, MD, MSc; R.L. Ehman, MD

LL-GIE3087-TUA

Drainage of Post-Hepatectomy Bilomas: Tips and Tricks to Ensure Effective Drainage

A.S. Shenoy-Bhangle, MD, Boston, MA; R. Perez Johnston, MD; M.J. Shelly, MD; D.A. Gervais, MD; M. Dhyani, MBBS; R.S. Arellano, MD

LL-GIE4156

Gallbladder Carcinoma: Causes of Misdiagnosis on CT
S. Park, MD, PhD, Seoul REPUBLIC OF KOREA; S. Kim, MD; H. Kim; D. Yang

LL-GIE4236

Pelvic Floor Disorders: What’s the Best Test?

C.A. Silva, MD, Senhora da Hora PORTUGAL

LL-HPE4592

Dose Reduction in Cardiothoracic CT: A Survival Guide

D. Litmanovich, MD, Boston, MA; P.M. Boiselle, MD; R.L. Eisenberg, MD, JD; N. Kulkarni, MD; S.F. Nemec, MD; A.A. Bankier, MD

LL-INE1212

Understanding Spatial Relationships in Ultrasound Imaging: Introduction of a Computer Based Training Tool Utilizing Game Controllers and Open Source Software

M. Teistler, PhD, Flensburg GER-MANY; O.J. Bott, PhD; R.S. Breiman, MD; K. Dresing, MD; J.A. Brunberg, MD

LL-MKE4394

MR Imaging of Hip Arthroplasty
J. Fritz, MD, Owings Mills, MD; T.T. Miller, MD; S.L. Gold, BA; H.G. Potter, MD

LL-MKE4432

Imaging of Current Generation Total Hip Arthroplasty
E.Y. Chang, MD, San Diego, CA; W.C. Bae, PhD; S. Statum; C.B. Chung, MD

LL-MKE4433

Lateral Epicondylitis: Anatomy, Pathology, and Review of Ultrasound-guided Percutaneous Treatments
M.M. Chiavaras, MD, PhD, Hamilton CANADA; J.A. Jacobson, MD; M. Cresswell, MBBSCh

LL-MKE4483

Skin Ultrasound. A Primer for the Radiologist
X.L. Wortsman, MD, Santiago CHILE; M.A. Alvarez, MD; D. Alvarez Arrazola, MD; R.A. Alvarez, MD; I. Cano-Munoz, MD

LL-MKE4566

Ulnar Wrist Pain: A Review of Current Diagnostic Imaging Approaches
L. Cereza, MD, Santander Spain; F. del Piñal; A. Canga, MD; A.U. Rolon; M. Hernando, MD; E. Llopis, MD

LL-NRE-WE10B

Going Viral: MRI and CT Appearance of Viral CNS Infections
J. Starkey, MD, San Francisco, CA; E. Yuh, MD, PhD

LL-NRE2568

Intramyelinic Edema on Diffusion-weighted Imaging: Is It Reversible or Irreversible?
J. Kim, MD, Iowa City, IA; T. Moritani, MD, PhD; P.A. Kirby; A.A. Capizzano, MD; J.C. Kademian, MD, DDS; Y. Sato, MD

LL-NRE2585

Doctor, Why Can’t I see Right? Correlating Visual Field Deficits with Optic Pathway Pathology: An Interactive, Computer-based Tutorial
L.V. Leite, MD, Iowa City, IA; V. Singh, MD; D.L. Reede, MD; W.R. Smoker, MD

LL-NRE2661

Not Just a “Kink in the Cord”! Idiopathic Spinal Cord Herniation: An Emerging Entity
N.K. Ramamurthy, MBBS, MRCP, St Helens UNITED KINGDOM; M. Ng, MBBS; I. Kerr, MBBS; S. Mathur, MBBS, FRCR; C. Coutinho

LL-0BE2252

Lymphnode Imaging in Gynecologic Malignancies: A 2012 Update
S. Tirumani, MBBS, MD, Montreal CANADA; H. Pandey, MBBS, DMRD; S.S. Al Sharif, MD; Y.I. Assiri, MD; S. Nougaret, MD; V. Ojili, MD

LL-PDE-WE7A

Easily Missed Sonographic Findings in the Diagnosis of Hypoxic-Ischemic Injuries
C. Guimaraes, Orlando, FL; A. Dane-man, MD; S.I. Blaser, MD; M. Epelman, MD

LL-PDE2054

Interactive Explanation of Holoprosencephalic Developmental Anomalies
C. Cotes, MD, Galveston, TX; R. Riascos, MD; S. Parada, MD; R. Hakimelahi, MD; M. Caldas Vasquez; L.E. Swischuk, MD

LL-URE1087-TUA

MRI of the Penis and Male Urethra: Technique, Indications, and Imaging Findings
B. Kim, MD, Rochester, MN; A. Kawashima, MD; J.P. Felmlee, PhD; A. Froemming, MD; B. Park, MD

LL-VIE1148

Circulating Tumor Cells: A Review of Their Emerging Role in Cancer, Methods of Detection and Relevance to Interventional Oncology
R.A. Sheth, MD, Boston, MA; R. Oklu, MD, PhD

LL-VIE2438

Peripheral Embolotherapy Using Ethylene Vinyl Alcohol Copolymer (Onyx): Why, When and How
M.A. Saeed Kilani, MD, Lille FRANCE; J. Izaaryene, MBBSCh; G. Louis, MD; A. Varoquaux; J. Bartoli, MD; V. Vidal Sr, MD

CUM LAUDE

LL-BRE-M07A

Update on the Postsurgical Breast: Imaging the Cutting Edge Techniques

N.E. Margolis, MD, New York, NY; A.N. Melsaether, MD; L. Moy, MD

LL-BRE-WE7B

Molecular Classification of Infiltrating and in Situ Breast Cancer: Towards Personalized Therapy?
S. LeBlanc, MD, Montreal Canada; F. Daabour, MD; M.M. El Khoury, MD; L. Lalonde, MD; J. David, MD; I. Trop, MD, MPH

LL-BRE-WE8B

The Breast Pain Conundrum: What Is the Radiologist’s Role in Evaluating Patients with Breast Pain?
D.S. Tuscano, MD, Atlanta, GA; C.P. Ho, MD; M.A. Cohen, MD

LL-BRE4689

Background Parenchymal-enhancement on Breast MRI: Normal Patterns, Diagnostic Challenges, and the Potential for False Positive or False Negative Interpretation
C.S. Giess, MD, Wellesley, MA; E.D. Yeh, MD; S. Raza, MD; R.L. Birdwell, MD

LL-BRE4733

To Do or Not to Do: Axillary Nodal Evaluation in 2012
K.L. Humphrey, MD M.A. Saksena, MD, Boston, MA; P.E. Freer, MD; B.L. Smith, MD, PhD; E.A. Rafferty, MD

LL-CAE-TU8A

Demonstration of Mitral Valve Prolapse Using Cardiac Computed Tomography: A Step-by-Step Approach
D. Yang, MD, Seoul REPUBLIC OF KOREA; J. Kang, MD; J. Song, MD, PhD; J. Lee, MD; T. Lim, MD, PhD

LL-CAE3188

“ECG Is Your Friend”—Understanding the Correlation Between Typical ECG and Radiological Findings in Cardio-Pulmonary Diseases: A Multimodality Pictorial Review
D. Gopireddy, MD, MPH, Chicago, IL; G. Kumar, MD; C.J. Francois, MD; S.B. Reeder, MD, PhD; R. Agarwala, MD; C. Kato, MD

LL-CAE4640

Transcatheter Aortic Valve Replacement (TAVR): Postoperative CT Findings Using the Self-expandable Corevalve System with Echocardiography Correlation
R. Salgado, MD, Edegem BELGIUM; T. Van Der Zijden, MD; B. Shivalkar, PhD; M.J. Spinhoven, MD; A. Snoeckx, MD; B.J. Op De Beeck, MD

LL-CAE4650

Non-atherosclerotic Coronary Vasculitis: Assessment with Cardiac MDCT
C. Jeon, MD, Seongnam-si REPUBLIC OF KOREA; E. Chun; J. Kim, MD; J. Yoo, MD; S. Choi, MD

LL-CHE-M07A

HIV Related Thoracic Disease: 30 Years Later
S.S. Chou, MD, Seattle, WA; S.N. Pipavath, MD; K.A. Crothers, MD; E.J. Stern, MD; S.J. Prabhu, MD; J. Godwin II, MD

LL-CHE1134

Stem to Stern: Imaging Manifestations of Diffuse Tracheobronchial Diseases
C. Javidan-Nejad, MD, Saint Louis, MO; S. Patel, MBBS; A. Khan, MD; S. Bhalla, MD; E.A. Kazerooni, MD; S.E. Rossi, MD

LL-CHE1137

Lymph-o-rama: Unusual Manifestations of Lymphoma in the Chest
J.T. Azok, MD, Saint Louis, MO; J.E. McConathy, MD, PhD; C. Javidan-Nejad, MD; S. Bhalla, MD

LL-CHE2280

Review of Thoracic Duct Imaging by Conventional and New Modalities
K. Takanami, MD, PhD, Sendai JAPAN; T. Kaneta; H. Fukuda; S. Takahashi, MD

LL-CHE2323

Excipient Lung
V.T. Nguyen, MD S.S. Chou, MD, Seattle, WA; S.N. Pipavath, MD; C.L. Fligner, MD; J. Godwin II, MD

LL-CHE2356

Role of Multidetector CT in the Evaluation of Airway Stents
M.C. Godoy, MD, PhD, Houston, TX; D.A. Saldana, MD; M.K. Benveniste, MD; I. Vlahos, MRCP, FRCR; E.M. Marom, MD; J.J. Erasmus, MD

LL-CHE2402

Bronchoscopic Treatment of Emphysema: The Role of Thoracic CT
P. Calvillo Batlles, MD, Valencia Spain; L. Flors, MD; L. Trilles; E. Cases, MD; J.L. Camacho Alcazar, MD; J.P. Reig, MD

LL-ERE-M04A

Abdominal Internal Hernias: Simulation in Cadavers—Anatomoclinical Correlation
L.S. Cueto, MD, PhD, Sevilla SPAIN; A. Garcia, MD; B. Fernandez, MD; T. Ruiz, MD, PhD; J. Villanueva, MD, PhD

LL-ERE-TH4B

Wrist Trauma Plain Films: Hidden Areas with CT Correlation
A. Hart, MD, St. John’s Canada; A.J. Hartery II, MD; D. Patel, BSC; J.G. Hopkins, MD; E.J. Pike Jr, MD

LL-ERE4266

The Utility of Arterial Phase in Detection of Traumatic Injuries in the Abdomen and Pelvis: Use of 64-MDCT
J.W. Uyeda, MD, Boston, MA; S.W. Anderson, MD; C.A. LeBedis, MD; J.A. Soto, MD

LL-ERE4273

Multimodality Approach to the Diagnosis of Appendicitis in the Pregnant Female
V. Ramalingam, MD, Boston, MA; S. Kussman, MD; A. Gupta, MD; J.N. Tkacz, MD; C.A. LeBedis, MD; J.A. Soto, MD



LL-GIE3062

All Dark Things are Not Tumors: Nontumorous Hypointensity on Gd-EOB-DTPA-enhanced MR
Y. Lee S. Kim, MD, Seoul REPUBLIC OF KOREA; S. Lee, MD; S. Park, MD; K. Kim; J. Byun, MD

LL-GIE3092

I Can’t Believe It’s A Pancreatic Neuroendocrine Tumor!
H. Park, Seoul REPUBLIC OF KOREA; S. Kim, MD; S. Park, MD; S. Hong; S. Lee, MD; J. Byun, MD

LL-GIE4045

Pancreas: Spectrum of Hematologic Malignancies
A. Tomasian, MD, Saint Louis, MO; K.M. Elsayes, MD; A.K. Shanbhogue, MD; K. Sandrasegaran, MD; A.M. Shaaban, MD; C.O. Menias, MD

LL-GIE4048

Radiologic Diagnosis of Swallowing Disorders Due to Radiation Therapy
A.I. Carbo, MD, Shreveport, LA; K.B. Babcock, MS; A.M. Mickelson, MS; M. Morgan; B. Rau, MD

LL-GIE4051

Hematologic Malignancies of the Liver: Spectrum of Disease
A. Tomasian, MD, Saint Louis, MO; K.M. Elsayes, MD; A.K. Shanbhogue, MD; K. Sandrasegaran, MD; A.M. Shaaban, MD; C.O. Menias, MD

LL-GIE4118

Benign and Malignant Tumors of the Rectum and Perirectal Region
A.S. Puryso, MD, Cleveland, OH; C.R. Thupili, MD; H.M. Leao Filho, MD; C.P. Coppa, MD; E.M. Remer, MD

LL-GIE4125

Non-infectious Causes of Hepatic Granulomas: Radiologic-pathologic Correlation
T.Y. Tao, MD, PhD, Saint Louis, MO; K.J. Fowler, MD; A. Sheybani, MD; I. Hagemann, MD, PhD; V.R. Narra, MD, FRCR

LL-GIE4165

Response of Liver Metastases after Treatment: The Good, the Bad and the Ugly
A. Snoeckx, MD, Edegem Belgium; B.J. Op De Beeck, MD; M.J. Spinhoven, MD; R. Salgado, MD; B. Corthouts; P.M. Parizel, MD, PhD

LL-GIE4197

Hemangioma to Hemangioendothelioma: Case-based Approach to Hepatic Lesions of Vascular Origin in the Adult
J.W. Owen, MD, St. Louis, MO; W.A. Owen, MD; K.J. Fowler, MD; C.O. Menias, MD

LL-GIE4200

Liver Imaging - Cases for Aces
A.S. Rattan, MD K. Sandrasegaran, MD, Indianapolis, IN; C.O. Menias, MD; A.A. Patel, MD; M. Tann, MD; S. Verma, MD

LL-GIE4240

Modified RECIST (mRECIST) for Hepatocellular Carcinoma: Guidance to Image Interpretation
R.H. Patt, MD, Doylestown, PA; R.A. Lencioni, MD

LL-MKE4360

“Shoot from the Hip”: Etiologies, Imaging Findings, and Potential Treatments of Hip and Groin Pain
K.K. Patel-Lippmann, MD, Madison, WI; H.G. Rosas, MD; J. Keene, MD

LL-MKE4384

Ultrasound of the Distal Biceps Tendon: A Review
P. Omoumi, MD, Brussels BELGIUM; G.A. Azulay, MD; A.U. Rolon; F.E. Lecouvet, MD; B.C. Vande Berg, MD, PhD

LL-MKE4403

Four-dimensional Computed Tomography Imaging of the Wrist: A Novel Technique to Evaluate Dynamic Instabilities
J.M. Monill, MD J. Alomar, Barcelona SPAIN; J.A. Clavero; A. Salvador; S. Siurana; M. Garcia-Elias

LL-MKE4405

High-Resolution Ultrasonography and MR Imaging and Management of Peroneal Tendon Injuries
M.S. Taljanovic, MD, Tucson, AZ; J.N. Alcala, MD; L.H. Gimber, MD; J.D. Rieke, MD; M.M. Chilvers, MD; D. Latt, MD, PhD

LL-MKE4451

Brachial Plexus - Pictorial Essay
T.M. da Cruz, São Paulo BRAZIL; F.S. Ibuki, MD; R.A. Nogueira, MD; R.d. Sartim, MD; C.F. Cavalcanti, MD; M. Bordalo-Rodrigues, MD

LL-MKE4475

Soft-Tissue Myxomatous Lesions: Review of Salient Imaging Features with Pathological Comparison
J.M. Petsavage, MD, MPH, Hershey, PA; E.A. Walker, MD; C.I. Logie, MD; D. Duryea, DO; M.D. Murphey, MD

LL-MKE4554

Posterolateral Corner Injuries of the Knee: An MR Review
T.C. Oh, MBChB M. Budak, MD, Dundee UNITED KINGDOM; R.D. White, MBChB, FRCR; J. Weir-McCall

LL-MKE4555

Imaging of Ulnar Neuropathy: What the Surgeon Wants to Know—A Review of Anatomy and Imaging Findings With Clinical Relevance
C.B. Campe, MD, Boston, MA; J. Kazielski, MD; G. Dyer

LL-MSE4327

Bubbles on My Mind: A Revealing Look at Liver and Kidney Lesions Using Contrast Enhanced Ultrasound
L.W. Denham, MD, Birmingham, AL; L.F. Alexander, MD; M.L. Robbin, MD

LL-NME-M05B

Neuroendocrine Neoplasms of the Lung: Pathologic Classification and Spectrum of Molecular Imaging Findings
V. Berti, MD, Florence ITALY; V. Briganti, MD; F. Mungai, MD; A. Pupi, MD

LL-NME2130

Use of PET/CT to Guide Percutaneous Intervention
S. Tatli, MD X. Garcia-Rojas, MD, Boston, MA; V.H. Gerbaudo, PhD; P.B. Shyn, MD; K. Tuncali, MD; S.G. Silverman, MD

RSNA 2012 Award Winners

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LL-NRE-TU10A

Decoding the Updated Classification of Congenital Cochleovestibular Malformations by Using the Algorithm of Embryology
A. Baheti, MBBS, MD, Mumbai India; P. Nagure, MBBS, MD; S.S. Kumbhar, MBBS; A. Kumar, MD; H.U. Shah, MBBS, MD; A.A. Raut Sr, MD

LL-NRE1287

A 3D Interactive Atlas of Head Muscles Along with Cranial Nerves
W.L. Nowinski, PhD, Singapore SINGAPORE; B. Chua, A. Johnson; P. Drobni-Kurzynska; G. Qian, MS; N. Nowinska

LL-NRE2562

Well, How Did I Get Here? Imaging of Ectopic Thyroid Tissue and Thyroglossal Duct Cysts
D. Zander, MD, Iowa City, IA; W.R. Smoker, MD

LL-NRE2564

Physiopathology, Imaging Techniques, and Surgical Approaches in Cerebrospinal Fluid Disorders: What Radiologists Should Know
L.G. Gutierrez, Sao Paulo BRAZIL; L.A. Portela, MD; B.W. Handfas; F.C. Pinto; C.D. Leite, MD, PhD; L.T. Lucato, MD

LL-NRE2584

Granulomatosis with Polyangiitis: What Is It Anyway?
A.D. Berg, MD, Iowa City, IA; L.R. Gentry, MD; B.A. Policeni, MD; T. Moritani, MD, PhD; Y. Sato, MD; W.R. Smoker, MD

LL-NRE2610

Imaging and Histopathologic Features of Maxillomandibular Lesions: A Pictorial Review at an Urban Academic Center
O.A. Awodele, BS, Washington, DC; K. Sartip, MD; A. Bonnick, DDS; B.C. Davis, MD; T.J. Naab, MD; A.J. Duerinckx, MD, PhD

LL-NRE2640

Primer of Brainstem Anatomy and Pathology
M. Fitzgibbons, MD, Los Angeles, CA; N. Salamon, MD

LL-NRE2691

Correlation of Main Neurologic Signs with DTI Tractography: A Pictorial Review
A. Andres Paz, Santander SPAIN; B. Alvarez Marino; S. Sanchez Bernal; S.M. Llano; E. Ruiz Perez; E.M. De Lucas, MD

LL-NRE2722

Anatomic Variations and Dangerous Anastomosis in Cerebral Vasculature on Angiography: Pictorial Review
G. Kota, MBBS, Winston-Salem, NC, NC; C. Geer, MD; P.P. Morris, MBBS

LL-NRE2734

Beyond Encephalomalacia: What Radiologists Should Know about Neuronal Degeneration
L.J. Starkey, MD, Iowa City, IA; J. Kim, MD; A.A. Capizzano, MD; T. Moritani, MD, PhD

LL-OBE2196

What Is That Cyst? An Anatomic and Imaging Review of Common Cystic Lesions of the Female Lower Genitourinary Tract
M. Tubay, MD V. Hostetler, MD, MS, Travis AFB, CA; C.A. Tujo, MD; M. Rezvani, MD; A.M. Shaaban, MD

LL-OBE2218

Early Cervical Carcinoma and Fertility-sparing Treatment Options: MRI as a Patient Selection and Follow-up Modality
M. Dube, MD, Quebec CANADA; P. Noel, MD

LL-OBE2269

An Algorithmic Approach to the Isolated Large Pelvic Mass
P. Glanc, MD, Toronto CANADA; K. Hack, MD

LL-PDE-SU5A

The Pediatric Meniscus: Similarities and Differences with the Adult Meniscus
K. Watts; M. Francavilla, MD; v. Sarode R. Restrepo, MD, Miami, FL; J.A. Restrepo; S. Swirsky, DO

LL-PDE-TU6B

Newborn Foot Deformities: Have You Thought about Ultrasound?
I. Drapeau, MD, Montreal CANADA; M. Miron, MD; G. Grimard

LL-PDE2017

Go with the Flow: Imaging of CSF Shunt Catheters and Their Complications in Children
J.N. Nixon, MD, Seattle, WA; D.R. Biyyam, MD; L. Stanescu, MD; M.T. Parisi, MD

LL-PDE2055

Ultrasound Evaluation of Pediatric Trigger Thumb
M.R. Hammer, MD, Ann Arbor, MI; D.R. Pai, MD; M.A. DiPietro, MD; J.A. Jacobson, MD; M.S. Caird, MD; C.L. Craig, MD

LL-PHE2736

Comparison of Patient-Specific and Reference Phantom Methods For CT Dose Estimation in the Adult Population
C.M. Thompson, MS; J. Wiegert, PhD; S.S. Halliburton, PhD J.H. Yanof, PhD, Cleveland, OH

LL-URE-WE4B

How to Read Prostate MRI: A Step by Step ‘Multiparametric’ Approach for Residents
S.S. Hedgire, MD, Boston, MA; S. McDermott, FFRCSI; A. Elmi, MD; V.K. Pargaonkar, MBBS; K. Cao, BMedSc, PhD; M.G. Harisinghani, MD

LL-URE1088

Strategies in Reducing Patients’ Radiation Exposure with MDCT for Genitourinary Applications
N. Kulkarni, MD, Boston, MA; S. Bajpai, MBBS, DMRD; J.M. Fuentes, MD; A.R. Kambadakone, MD, FRCR; D.V. Sahani, MD

LL-URE2138

Differential Diagnosis of Tumor and Tumor-like Lesions of the Bladder: A Practical Approach Using Morphology-based Diagnosing System
M. Takeuchi, MD, PhD, Nagoya JAPAN; M. Hara, MD, PhD; Y. Shibamoto, MD, PhD

LL-VIE-SU6B

CO² Angiography for Salvage of Non-maturing Fistulas: Technical Considerations and Outcomes
S. Jethwa, New York, NY; D. Singh, MD; A. Friedman, MD; J.E. Silberzweig, MD

LL-VIE-TU5B

Choose Your Weapon: RF, Cryo, or MW Ablation: What Should You Use and Why?
J. Hinshaw, MD, Middleton, WI; M.G. Lubner, MD; T.J. Ziemlewicz, MD; F.T. Lee Jr, MD; M. Center; C.L. Brace, PhD

LL-VIE-WE6B

Thermal Ablation Techniques for the Treatment of Pulmonary Neoplasms: What Every Radiologist Should Know
Q. Al-Tariq, MD, Los Angeles, CA; R.D. Suh, MD; J.K. Park, MD; S.T. Kee, MD; F.G. Abtin, MD

LL-VIE1150

Belly Up to the Bar: The Histopathological Basis and Clinical Uses of Ethanol Embolization in Interventional Radiology
N. Brazeau H.B. Harvey, MD, JD, Boston, MA; Z. Irani, MD; W.F. Yakes, MD; R. Oklu, MD, PhD

LL-VIE2442

IR and Gastrointestinal Hemorrhages: The Critical Role Non-Invasive Diagnostic Imaging Can Play in the Success of Interventional Procedures
L.N. Boucher, MD, PhD, Montreal CANADA; D. Valenti; T. Cabrera, MD; C.I. Torres, MD

LL-VIE2488

Prostate Vascular Anatomy: Cadaveric Study and Angiographic Correlation
R. García Mónaco, MRCP, Buenos Aires Argentina; P.S. Rodriguez, MD; O. Peralta; M. Ulla, MD; J.M. Palacios Jaraquemada, PhD

CERTIFICATE OF MERIT

LL-BRE-M08A

Digital Breast Tomosynthesis: Lessons Learned from Early Clinical Implementation
R. Gartner Roth, MD, Philadelphia, PA; E.F. Conant, MD; S.C. Gavenonis, MD; S.P. Weinstein, MD; J. Tobey, MD; J.Z. Birnbaum, MD

LL-BRE-SU7B

Percutaneous Needle Biopsy Related Changes Simulating Malignancy on Preoperative Breast MRI in Patients with Recently Diagnosed Breast Cancer—How the Radiologist Can Identify and Manage These Atypical Lesions
P. Baladandapani, MD; D. Machleder, MD K. Kapoor, MD, Brooklyn, NY; C. Varghese, MD; C. Raia, MD

LL-BRE-TH6A

The Digital Breast Tomosynthesis (DBT) Appearance of Breast Cancer: Comparison with 2D Mammography
M.A. Durand, MD, Chester, CT; R.S. Butler, MD; M. Raghu, MD; L. Andrejeva, MD; J.L. Geisel, MD; R.J. Hooley, MD

LL-BRE-TH6B

MRI Features, Histopathology, and Molecular Phenotypes of Breast Cancers in BRCA1 and BRCA2 Carriers: A Pictorial Review and Overview of Screening Strategies
S.A. Chikarmane, MD, Boston, MA; E.C. Gombos, MD; B.A. Farnquist, MD; R.L. Birdwell, MD

LL-BRE3197

Spectrum of Benign and Malignant Breast Conditions in the Pediatric and Adolescent Population
J.Y. Wu, MD, Stony Brook, NY; C.W. Kim; P.R. Fisher, MD

LL-BRE4673

“Does That Need to Come Out?” Columnar Cell Lesions of the Breast: What the Radiologist Needs to Know
B.T. Roberts, MD, Birmingham, AL; H.R. Umphrey, MD

LL-BRE4676

Sonographic Evaluation of Axillary Lymph Nodes: When to Biopsy and Spectrum of Diseases
M. Plaza, MD, Miami, FL; R.A. Kiszonas, DO; J.M. Net, MD; F. Collado-Mesa, MD; T. Mirpuri, MD; M.M. Yepes, MD

LL-BRE4693

Radiologists Role in the Breast Cancer Staging: Providing Key Information for Clinicians
S.C. Lee, Alhambra, CA; P. Jain, MD; S. Jethwa; M.W. Yamashita, MD

LL-BRE4696

Molecular Subtypes of Invasive Breast Cancer: Radiologic Findings and Pathologic Correlation
K. Yamaguchi, MD, Chicago, IL; D.V. Schacht, MD; R. Egashira, MD; H. Irie, MD; F. Yamasaki; H. Abe, MD

LL-BRE4698

How Digital Breast Tomosynthesis Can Help Characterize Benign Findings on Mammograms
L.E. Philpotts, MD, New Haven, CT; R.J. Hooley, MD; L.J. Horvath, MD; R.S. Butler, MD; M.A. Durand, MD; M. Raghu, MD

LL-BRE4713

Appropriate and Inappropriate Use of BI-RADS 3 Probably Benign Category for Mammographic Lesions
C.S. Chung, MD, Roslindale, MA; C.S. Giess, MD; E.C. Gombos, MD; E.P. Frost, MD; E.D. Yeh, MD; S. Raza, MD

LL-BRE4714

Imaging Breast Implants: Normal Appearances, Radiologic/Pathologic Correlation and Pearls, and Pitfalls of Interpretation
P. Dilks, MBBS, London UNITED KINGDOM; K. Lekanidi, MD, MRCP; T. Suaris, MBBS



LL-BRE4716

Artifacts on Tomosynthesis: An Illustrative Review
P.E. Freer, MD, Boston, MA; B.L. Niell, MD; E.A. Rafferty, MD

LL-BRE4719

Implementation of a Risk Assessment Program in a Breast Imaging Practice
S.V. Destounis, MD, Rochester, NY; K. Smith, MS; P. Somerville, MD; P.J. Seifert, DO; P.F. Murphy, MD; W.W. Young, MD

LL-BRE4720

Diagnostic Challenges in Breast Imaging: Mammographic and Ultrasound Appearances with Unexpected Pathology Result
A.R. CHIOREAN, MD, PHD, CLUJ NAP-OCA Romania; M.M. Duma, MD; M.A. Chiorean, BA; S.A. Sfrangeu

LL-BRE4727

Understanding DCIS: Beyond the Mammographic Microcalcifications
A. Wadhwa, MD, Milwaukee, WI; M. Gonyo, MD; C.J. Shah, MD; K.A. Shaffer, MD; Z. Basir, MD; L.A. Sosa, MD

LL-BRE4732

Totally Noninvasive Treatment of Breast Cancer: 3T Magnetic Resonance-guided High Intensity Focused Ultrasound Offers Reliable Therapeutic Strategies
L. Di Mare, MD, Rome Italy; A. Napoli, MD; F. Pediconi, MD; F. Boni; V. Noce, MD; C. Catalano, MD

LL-BRE4736

What the Radiologist Needs to Know about Diagnosis and Treatment of Inflammatory Breast Cancer: A Multidisciplinary Approach
E.D. Yeh, MD, Boston, MA; H. Jacene, MD; F. Nakhli, MD; J.R. Bellon, MD; R.L. Birdwell, MD; B. Overmoyer

LL-BRE4742

The Evolving Concepts in Breast Lobular Neoplasia and Invasive Lobular Carcinoma and How They Impact Imaging Methods
T.M. Oliveira, MD; V.F. Muglia, MD, PhD J. Elias Jr, MD, PhD, Ribeirao Preto BRAZIL; A.F. Melo, MD; S.R. Teixeira, MD; D.G. Tiezzi, MD, PhD

LL-BRE4745

Multimodality Pictorial Review of Papillary Carcinoma of the Breast: Imaging Features of US, MMG, Breast MR Imaging, and FDG-PET
O. Woo, MD, Seoul REPUBLIC OF KOREA; S. Jang; K. Cho, MD; H. Yong, MD; B. Seo, MD, PhD; E. Kang, MD

LL-BRE4746

Correlation between Radiologic and Pathologic Findings of Breast Masses with T2 High Signal Intensity on MR Imaging
O. Woo, MD, Seoul REPUBLIC OF KOREA; S. Jang; K. Cho, MD; H. Yong, MD; B. Seo, MD, PhD; E. Kang, MD

LL-CAE-SU8B

Endomyocardial Disease: Relevant Features in Cardiac Magnetic Resonance
M. Tomas Mallebrera, MD, Madrid SPAIN; A. Franco Lopez; M. Orejas, MD; A. Heredero; G. Aldamiz-Echevarria

LL-CAE-TH9A

Primary Pericardial Neoplasms: A Pictorial Review
D. Vargas, MD, Saint Louis, MO; C.S. Restrepo, MD; D. Ocazonez, MD; H. Murillo, MD, PhD; S.L. Betancourt Cuellar, MD; S. Martinez-Jimenez, MD

LL-CAE4609

Infective Endocarditis and Endarteritis: MDCT Findings of the Spectrum of Disease
E.T. Kimura-Hayama, MD, Mexico City MEXICO; A. Meave-Gonzalez, MD; M. Diaz-Zamudio, MD; F. Castillo-Castellon, MD; G. Melendez, MD; P. Cossio Torrico

LL-CAE4610

MRI and CT Evaluation of Dextrocardia
T.A. Foley, MD, Rochester, MN; N.S. Anavekar, MD; P.R. Julsrud, MD

LL-CAE4619

CT Imaging of Complications Associated with Pulmonary Vein Ablation for Atrial Fibrillation
S.A. Oldham, MD, Houston, TX; E.C. Ferguson, MD; G.S. Shroff, MD

LL-CAE4623

MR Imaging of Congenital Heart Disease Status Post-Repair: Understanding the New Anatomy and Common Complications
M.M. Samim, MD, MRCS, New Haven, CT; A.H. Davarpanahfakhr, MD; I.B. Oliva, MD

LL-CAE4630

The Forgotten Valve: Radiological Assessment of the Pulmonary Valve with CT and MR
A. Gera, MD, Los Angeles, CA; L.L. Ihde, MD; S. Asthana; D. Shavelle, MD; A. Yoon, MD; D. Sanchez-Quintana, MD

LL-CAE4635

Location, Location, Location: Differential Diagnosis of Cardiac Masses
S.E. Stilwell, MD, Salt Lake City, UT; A.M. Shaaban, MD; C.J. Francois, MD; D.G. Lohan, MBBS; M. Rezvani, MD

LL-CAE4643

Atrioventricular Canal: A Cross-Sectional Imaging Concise Review of a Complex Entity
E.T. Kimura-Hayama, MD E. Encinas-Escobar, MD, Mexico MEXICO; G. Melendez, MD; F. Castillo-Castellon, MD; J. Hernandez Avila, MD; M. Jimenez

LL-CAE4646

The Role of Cardiac CT and MR in Prevention and Early Diagnosis of Postelectrophysiological Intervention Complications
S.B. Sugay, MD, Los Angeles, CA; L.L. Ihde, MD; K. Nagata, MD; J.S. Shinbane, MD; A. Wilcox, MD; F. Saremi, MD

LL-CAE4649

Radiological Assessment of Repaired Tetralogy of Fallot in Adults: What Radiologists Need to Know to Determine the Indication of Redo Surgery
Y. Morita, MD, Tokyo JAPAN; T. Ueda, MD; A.I. Makidono, MD; T. Shirai; K. Niwa, MD, PhD; Y. Saida, MD

LL-CAE4659

Congenital and Acquired Pulmonary Venous Lesions

LL-CHE-TH7B

Familial and Unfamiliar Pulmonary Complications in Patients with Hematologic Malignancy
W. Chung, Seoul REPUBLIC OF KOREA; J.I. Jung, MD; D. Han, MD; M. Ahn, MD; S. Park

LL-CHE-TU6B

“FAMEous” and “Non-FAMEous” Expansile Rib Lesions: Imaging Evaluation and Management Algorithm
D.B. Sneag, MD, Chestnut Hill, MA; R.C. Han, MD; X. Qian; J. Ready, MD; R. Madan, MD

LL-CHE-WE6A

A Picture is Worth a Thousand Words: Multimodality Characterization, Classification, and Staging of Malignant Pleural Mesothelioma
L.T. Nickell Jr, MD, Dallas, TX; J.P. Lichtenberger III, MD; L. Khorashadi, MD; G.F. Abbott, MD; B.W. Carter, MD

LL-CHE-WE6B

Thoracic MRI: Lung Lesion Evaluation and Lung Cancer Evaluation and Staging
N. Hakikian, MD, Darby, PA; O. Teytelboym, MD; G.J. Gavern, DO

LL-CHE-WE7B

Iterative Reconstruction Techniques for Thoracic Computed Tomography: Not Just a Low Dose Technique!
M. Jafari, Toronto CANADA; H. Kashani, MD; D. Odedra, BS; M. Horie, MSc; B. Abdollahshamsirsaz, MD; N.S. Paul, MD

LL-CHE1112

Spectrum of Primary Pulmonary Lymphoproliferative Disorders: Imaging and Pathology Correlation
J.R. Inacio, MD, Ottawa CANADA; C.A. Souza, MD; A. Gupta, MD; S.S. Hare, MBBS, MA; M.M. Gomes, MD; H.S. Sekhon, MD

LL-CHE1115

Ulcers, Plaques, and Flaps: Clearing Up the Confusion about Aortic Pathology
C.M. Lowry, MD N. Goyal, MD, Staten Island, NY; S. Baron, MD; B.B. Ghosh-hajra, MD; J. Malpeso; A. Steiner, MD

LL-CHE1117

Essential Imaging Findings on Chest CT for Staging Esophageal Carcinoma with Special Emphasis on the Recently Revised TNM Staging System
E. Ro, MD; M.D. Martin, MD P.N. Shah, MD, Chicago, IL

LL-CHE1130

The Spectrum of Bronchopulmonary Sequestration: Imaging Update
C.M. Walker, MD, Boston, MA; C.C. Wu, MD; M.D. Gilman, MD; J. Godwin II, MD; J.O. Shepard, MD; G.F. Abbott, MD

LL-CHE1138

To be or Not to be... a “Pulmonary Nodule”
N. Kulkarni, MD, Boston, MA; I. Petkovska, MD; S.F. Nemec, MD; D. Litmanovich, MD; P.M. Boisselle, MD; A.A. Bankier, MD

LL-CHE2279

Digital Tomosynthesis of the Thorax: The Pros and Cons of Low Dose Alteration
H. Byun, MD, Seoul REPUBLIC OF KOREA; M. Chung, MD; W. Koh; K. Jeon, MD; J.M. Sabol, PhD; K.S. Lee, MD, PhD

LL-CHE2288

The Many Faces of Pulmonary Aspergillosis: Radiologic Spectrum with Clinical Correlation
N. Nayak, MD, Los Angeles, CA; C.M. Jude, MD; M.K. Patel, MD; P. Batra, MD

LL-CHE2298

Guidance for Reporting Screening CT: Introducing the Lung Reporting and Data System (LuRADS)
D. Manos, MD, FRCP, Halifax CANADA; J.N. Bargaonkar, MD, FRCP; J.M. Seely, MD; H.C. Roberts, MD; J.R. Mayo, MD

LL-CHE2317

Combined pulmonary fibrosis with emphysema (CPFE): Three Morphological Types and Their Changes Over Time
R. Egashira, MD, Saga City Japan; K. Yamaguchi, MD; N. Kamochi; Y. Egashira; H. Irie, MD

LL-CHE2329

Spectrum of Thoracic Neuroendocrine Proliferations and Neoplasms: Carcinoid, Carcinoid Tumors, DIPNECH, and Carcinoid Syndrome
R.E. Benson, MD, Kansas City, MO; M.L. Rosado De Christenson, MD; S. Martinez-Jimenez, MD; J.R. Kunin, MD; K.R. Watson, DO; P.P. Pettavel, MD



LL-CHE2337 Tumours of the Pleura: Imaging Findings According to the Different Histotypes

E. Quaia, MD, Trieste ITALY; E. Baratiella, MD; T. Stocca, MD; L. De Paoli, MD; B. Cabibbo; M.A. Cova, MD

LL-CHE2338 Clot or Not: The Imaging of Intra-Thoracic Thrombus, Associated Pathophysiology, and Potential Pitfalls

C.E. Jakerst, MD, Saint Louis, MO; C.A. Raptis, MD; R. Mhapsekar, MD; A.J. Bierhals, MD; P.K. Woodard, MD; C. Javidan-Nejad, MD

LL-CHE2340 Anatomy of Pericardial Recesses on CT: Implications for Oncologic Imaging

P. Boonsirikamchai, MD, Houston, TX; C. Viswanathan, MD; M.C. Godoy, MD, PhD; R.F. Munden, MD, DMD; E.M. Marom, MD; M.T. Truong, MD

LL-CHE2341 Radiologic Review of Intrathoracic Metastases from Nonseminomatous Germ Cell Tumors of Testicular Origin: Three Decades of Experience from a Large Referral Center with Emphasis on Surgical Management

D.E. Heitkamp, MD, Fishers, IN; K.A. Kesler, MD; S.D. Teague, MD; S.M. Rissing, MD; M.S. Frank, MD; K.M. Rieger, MD

LL-CHE2342 Spectrum of Iatrogenic Esophageal Injuries Following Esophageal and Non Esophageal Procedures: Role of Imaging in Prompt Diagnosis and Management

R. Madan, MD, Boston, MA; B. Trotman-Dickenson, FRCP, MRCP; A.R. Hunsaker, MD

LL-CHE2346 Block, Twist and Turn....Role of 3D Imaging- Vascular and Bronchial Complications Post Lung Surgeries

M.Y. Patel, MD, Birmingham, AL; S.K. Sonavane, MD; J.R. Watts Jr, MD; R. Yadav, MD; R.D. Renapurkar, MD; S.P. Singh, MD

LL-CHE2348 Imitation is the Sincerest Form of Flattery: Recognizing Imaging Manifestations of Intrathoracic Lymphoma

B.W. Carter, MD, Dallas, TX; L. Khora-shadi, MD; C.C. Wu, MD; G.F. Abbott, MD; J.P. Lichtenberger III, MD

LL-CHE2367 Benign and Rare Malignant Esophageal Tumor: Multimodality Approach Using Chest CT, MRI, FDG/PET CT, and Endoscopic US with Pathologic Correlation

H. Lee, Seoul REPUBLIC OF KOREA; M. Kim; H. Hwang, MD

LL-CHE2381 Sonographic Appearances of Thoracic Pathology: A Pictorial Review

N. Devic, MBBS, MRCS, LONDON United Kingdom; C.M. Patterson, MBBS, MRCP; O. Lazoura; M. Sriharan, MBBS, BSC; D. Douraghi-Zadeh, BSC, MBBS; J.C. Hillier, MBBSch

LL-CHE2391 PET/CT in Evaluation of Thoracic Lymphoma: Imaging Update

N. Kulkarni, MD, Boston, MA; A. Sharma, MBBS; S.R. Digumarthy, MD; C.C. Wu, MD; J.O. Shepard, MD; V.V. Muse, MD

LL-CHE2396 Correlation of Pulmonary Function Testing (PFT) in Lung Diseases

J.H. Chung, MD, Denver, CO; D.V. Nevrekar, MD; C.W. Cox, MD; J.P. Kanne, MD

LL-CHE2398 Dose Reduction Strategies in Pulmonary Embolism (PE) without Sacrificing Image Quality

N.A. Plaa, Vancouver Canada; M.A. Homiedan, MBBS; P. Mc Laughlin, FFRCSI; S. Nicolaou, MD

LL-CHE2404 Dynamic Respiratory Motion Imaging of the Pulmonary Lobes Using 320-row ADCT

H. Moriya, MD, Fukushima JAPAN; T. Akimoto; M. Nakagawa, MD

LL-CHE2413 HRCT Features of Interstitial Lung Disease in Antisynthetase Syndrome

M. Debray, MD, Paris FRANCE; J. Naccache; R. Borie; A. Khalil, MD; E. Schouman-Claeys, MD; P. Brillet, MD

LL-CHE2416 Quantitative Diagnostic Imaging of Lungs and Airways in Patient with Asthma: Modern Imaging Techniques and Their Clinical Implications

C. Lee, MD, PhD, Seoul REPUBLIC OF KOREA; E.A. Hoffman, PhD; J.D. Newell Jr, MD; A.T. Laroia, MD

LL-ERE-TU4A Traumatic Pelvic Injuries: What the Orthopedic Surgeon Wants to Know

S. Sheehan, MD, Boston, MA; B. Khurana, MD; A.D. Sodickson, MD, PhD; M. Weaver, MD

LL-ERE3113 MDCT in Blunt Renal Trauma: What the Radiologist Must Look out for

M. Bonatti, MD, Bolzano ITALY; N. Vezzali; A. Comai, MD; F. Ferro; R. Pozzi Mucelli; G. Bonatti

LL-ERE3115-SUB Imaging Based Classification of Traumatic Hepatic and Splenic Injuries: Established and Emerging Concepts

S.L. Coleman, MD, MPH, Boston, MA; L. Golden, MD; C.A. LeBedis, MD; S.W. Anderson, MD; J.A. Soto, MD

LL-ERE3118 Emergent Evaluation of Acute Hip Pain: Role of MRI in Detection and Characterization of Hip Fractures and Impact on Orthopedic Management

S.T. Chong, MD, Ann Arbor, MI; A.Z. Kielar, MD; A. Wright, MD; B. Hallstrom; J.A. Jacobson, MD

LL-ERE3122 Emergent Imaging Evaluation of Cerebral Venous Thrombosis in Adults and Children

K.K. Hannawa, MD, Ann Arbor, MI; U.S. Knoepp, MD; S.T. Chong, MD; H.A. Parmar, MD; D.J. Quint, MD

LL-ERE4282 Update on Imaging and Management of Blunt Cerebrovascular injuries (BCVI)

T. Liang, BS, Burnaby CANADA; N.A. Plaa; P. Mc Laughlin, FFRCSI; R. Chiu, MD; S. Nicolaou, MD

LL-ERE4284 Current Concepts in the Imaging Evaluation of Penetrating Transmediastinal Injury

M.L. Gunn, MBChB, Seattle, WA; C.K. Sandstrom, MD; R.T. Clark, MD; K.F. Linnau, MD, MS

LL-ERE4302 Head and Neck Emergencies and MRI: A 2012 Update

M. Lubarsky, MD, Atlanta, GA; K.L. Baugnon, MD; A.H. Aiken, MD; J.P. Doye, MD

LL-ERE4303 Full Body CT Scans of Trauma Patients: Methods for Systematic Dose Reduction

T.R. Fleiter, MD, Baltimore, MD; C.W. Sliker, MD; L.A. Miller, MD; K. Archer-Arroyo, MD; U. Bodanapally, MD; D.S. Hollander, MD

LL-GIE-M07A Inferior Epigastric Artery Perforator Flaps: How to Supply the Plastic Surgeon with the Information They Want

D.G. Akselrod, MD, Burlington, VT; T.J. Ziemlewicz, MD; S. Poore, MD, PhD; A. Ajfifi, MD

LL-GIE-M07B Emerging Novel MR Imaging Techniques for the Diagnosis and Staging Hepatic Fibrosis and Portal Hypertension

N. Rastegar, MD C.P. Corona-Villalobos, MD, Baltimore, MD; S. Bonekamp, DVM, PhD; V. Gowdra Halappa, MD; L.G. Matteoni-Athayde, MD; A. Zaher, MD

LL-GIE-SU7B Revised Atlanta Classification of Acute Pancreatitis: Imaging Features, Standardized Reporting Nomenclature, and Potential Complications

P.E. Humphrey, MD, Albuquerque, NM; S.C. Eberhardt, MD; S.C. Carter, MD; K.J. Mortele, MD

LL-GIE-TH10A Simply Cysts? Magnetic Resonance Imaging of Cystic Pancreatic Lesions

J.E. Chenevey, MD, Atlanta, GA; S.N. Hill, MD; P. Doye, MD; C.A. Coursey, MD; P.K. Mittal, MD

LL-GIE-TU6A An Introduction to Using Dual-Energy CT for Imaging of Pancreatic and Hepatic Oncology

E.P. Tamm, MD, Houston, TX; P.R. Bho-sale, MD; N.A. Wagner-Bartak, MD; O. Le, MD; J. Szklaruk, MD, PhD; V. Kundra, MD, PhD

LL-GIE-TU8B MRI Evaluation of Bile Duct Injuries Status Post Laproscopic Cholecystectomy

A. Gill, MD, Atlanta, GA; J.M. Sarmiento, MD; C.A. Coursey, MD; W.C. Small, MD, PhD; P.K. Mittal, MD

LL-GIE-TU9A Imaging Hepatic Angiomyolipomas—Key Features and Avoiding Errors

J. Seow, MBBS, FRANZC P.E. Smith, MBBS, Melbourne Australia; M.D. Goodwin, BMBCh

LL-GIE-WE10B Updates on CT Colonography: Colorectal Surgery Point of View

N. Hong, Seoul REPUBLIC OF KOREA; S. Park, MD; S. Lee, MD; H. Kim, MD; A. Kim, MD; H. Ha, MD

LL-GIE-WE7A Role of Imaging in Management of Advanced Colorectal Cancer in 2012

A.B. Shinagare, MD, Brookline, MA; S.A. Howard, MD; J. Jagannathan, MBBS; K.M. Krajewski, MD; M. Nishino, MD; J.M. Cleary

LL-GIE-WE8A Challenges of Liver Imaging with Gd-EOB-DTPA in the Cirrhotic Patient

D.K. Somashekar, MD, Ann Arbor, MI; P.S. Liu, MD; J. Rimola, MD; H.K. Hussain, MD

LL-GIE3077 MDCT Findings in Small Bowel Obstruction: Implications of The Cause and Presence of Complications on Treatment Decisions

M.M. al-Hawary, MD, Ann Arbor, MI; R.K. Kaza, MD; R. O'Malley, MD; A.P. Wasnik, MD; J.F. Platt, MD; I.R. Francis, MD

LL-GIE3084 Achieving Significant Radiation Dose Reduction for Abdomen CT While Maintaining Diagnostic Image Quality: How to Orchestrate the Symphony of Multiple Variables to Get the Right Note

R.K. Kaza, MD, Ann Arbor, MI; J.F. Platt, MD; M.M. Goodsitt, PhD; M.M. al-Hawary, MD; A.P. Wasnik, MD

LL-GIE4007 Uncommon Pancreatic Neoplasms and Imitators of Pancreatic Cancers

N. Lalwani, MD, Seattle, WA; C. Cuevas, MD; M. Moshiri, MD; A.K. Shanbhogue, MD; M.K. Dighe, MD; P.C. Freeny, MD

LL-GIE4011 When HCC and Cholangiocarcinoma Collide: A Pictorial Review of Biphenotypic Liver Tumors

A.S. Shetty, MD, St. Louis, MO; S. Agarwal, MD; A. Sheybani, MD; K.J. Fowler, MD; R.A. Parker III, MD; V.R. Narra, MD, FRCP

LL-GIE4013 Slicing and Dicing: Evaluating the Postoperative Gastrointestinal Tract

E.B. Smith, MD, Bethlehem, PA; M.S. Mathew, MD; H. Ginsberg, MD

LL-GIE4015 Genetics and Imaging Features of Combined Hepatocellular and Cholangiocarcinomas

N. Lalwani, MD, Seattle, WA; A.K. Shanbhogue, MD; M. Moshiri, MD; A. Sunnapwar, MD; Y.S. Katabathina, MD; M.K. Dighe, MD

LL-GIE4017 Understanding Hepatic Transporters for a Better Interpretation of Gadoxetate Disodium-enhanced MRI

Y. Nakamura, MD, Hiroshima JAPAN; C. Tani, MD; Y. Honda, MD; D. Komoto; S. Date; K. Awai, MD

LL-GIE4019 Multimodality Review of AIDS Defining Malignancies (ADMs) Involving the Abdomen with Emphasis on Patterns of Presentation as Well as Radiologic Mimics

J.G. Rodriguez-Figueroa, MD, Philadelphia, PA; H. Prabhakar, MD

LL-GIE4034 A Guide to Characterization of Focal Liver Lesions in Cirrhotic Liver Disease for the Radiology Resident using LI-RADS as a Diagnostic Tool

L. Lavelle, MBBS, MRCP, Dublin IRELAND; S.H. McEvoy, MD; E. Ni Mhurchu, MBBS; S.J. Sheehan, MBBS; R.G. Gibney, MBBS; D.E. Malone, MD

LL-GIE4037 Splenic Lesions: CT Imaging Patterns, Differential Diagnosis and Management

S. Kawamoto, MD, Baltimore, MD; S. Sheth, MD; E.K. Fishman, MD

LL-GIE4041 Demystifying the Mesentery: An Interactive Review of Mesenteric Pathology

N. Hai, MD, Washington, DC; M.T. Taffel, MD; N.J. Khati, MD; P. Nikolaidis, MD; V. Yaghamai, MD

LL-GIE4052 Stuck: Imaging of Colonic Complications Associated with Constipation and Fecal Impaction

M. Romero, MD, Pasadena, CA; S.L. Palmer, MD; V.A. Duddalwar, MD, FRCP

LL-GIE4057 MDCT Technique and Spectrum of Pathology in Patient Presenting with Lower Gastrointestinal Bleeding

S.S. Ghuman, MBBS, MD, Noida India; T.B. Buxi, MD; K.S. Rawat, MBBS, MD; A. Yadav, MBBS

LL-GIE4062 Biliary Imaging: Multimodality Approach to Imaging of Biliary Injuries and Their Complications

K. Melamud, MD, Boston, MA; C.A. LeBedis, MD; B. Carpentier, MD; S.W. Anderson, MD; J.A. Soto, MD

LL-GIE4073 Usefulness of Pneumo-esophageal 64-MDCT for Assessing Response to Neoadjuvant Treatment in Esophageal Cancer: Anatomic-pathological correlation

M. Ulla, MD, Capital Federal ARGENTINA; E. Gentile, DMD; E. Levy Yeyati, MD; M. Diez; D. Cavadas; R.D. Garcia-Monaco, MD, PhD

LL-GIE4077 The ABCD of the Portal Vein Thrombosis (PVT): A Systematic Approach

A.F. Melo, MD J. Elias Jr, MD, PhD, Ribeirao Preto BRAZIL; V.F. Muglia, MD, PhD; T.M. Oliveira, MD; S.R. Teixeira, MD; C.E. Martinelli

LL-GIE4085 Understanding Terminology and Imaging Endpoints in Oncological Trials: Closing the Gap in Communication Between Oncologists and Abdominal Radiologists

H. Tore, MD; M.P. Botelho, MD; F.D. Gonzalez Guindalini, MD; H. Chalian, MD V. Yaghamai, MD, Chicago, IL

LL-GIE4086 Comparison of Radiological Findings Between Benign and Life-threatening Pneumatosis Intestinalis in the Adult

L. Bazan, Barcelona SPAIN; N. Risueno; G. Aguilar; A. Radosevic, MD; M. Busto; J. Sanchez

LL-GIE4097 Imaging Findings of Cystic Lesions of the Duodenum

S. Kim, MD, Seoul REPUBLIC OF KOREA; H. Kim; D. Yang

LL-GIE4099 Hepatocellular Carcinoma From A to Z: A Self-Assessment Quiz

M. Lagadec, MD, Paris FRANCE; M. Ronot, MD; E. Sibilleau, MD; I. Boulay-Colletta, MD; V. Vilgrain, MD; M. Zins, MD

LL-GIE4100 Evaluation of HCC Response to Treatment in the Era of New Targeted Therapies: A Comprehensive Review and New Perspectives

L. Filograna, MD, ROME ITALY; M. Giuga, MD; L. Calandriello; M. Pompili, MD; A.M. De Gaetano, MD; L. Bonomo, MD

LL-GIE4104 Normal and Abnormal Imaging Findings Following Partial Hepatectomy: What the Radiologist Needs to Know

J.C. Spina Jr, MD, Capital Federal ARGENTINA; D. Dardik; J. Bolivar Silva Hidalgo; M.C. Kucharczyk, MD; N. Resio; R.D. Garcia-Monaco, MD, PhD

LL-GIE4115 AJCC/Okuda/Barcelona/UNOS/CLIP International Multidisciplinary Classification of Hepatocellular Carcinoma: Novel Concepts, Perspectives, and Radiologic Implications

S.C. Faria, MD; J. Szklaruk, MD, PhD; A. Kaseb K.M. Elsayes, MD, Houston, TX

LL-GIE4117 Beyond the GIST: Mesenchymal Tumors of the Stomach

H.C. Kang, MD, PhD; C.O. Menias, MD; E.J. Matta, MD; A.H. Gaballah, MD, FRCP; M.G. Lubner, MD K.M. Elsayes, MD, Houston, TX

LL-GIE4120 Sonographic Elastography of the Liver: Where Do We Stand?

C. Suh, MD, Seoul REPUBLIC OF KOREA; S. Kim, MD; K. Kim, MD; S. Lee; M. Lee, MD; J. Lee

LL-GIE4121 Minimally Invasive Percutaneous Pancreatic Necrosectomy: What the Radiologist Needs to Know

N. Shaïda, MBBS, London UNITED KINGDOM; S. Karia, MBBS, MRCP; M.M. Tan, MBBS, FRCP; T. Barrett, MBBS, BSc; A. Jah; T. See, FRCP

LL-GIE4123 Pancreatic Neuroendocrine Tumors: Atypical Presentation on MDCT

S. Kawamoto, MD, Baltimore, MD; P.T. Johnson, MD; S.S. Siegelman, MD; R.H. Hruban; E.K. Fishman, MD

LL-GIE4131 Understanding Contemporary Liver MRI Sequences – A Problem Solving Approach

J.M. Pietila, MD, Ann Arbor, MI; P.S. Liu, MD; W.J. Weadock, MD; H.K. Hussain, MD

LL-GIE4145 Clinical Anatomy of the Vessels in Suspensory Ligament of the Liver in Patients with Portal Hypertension and SVC Syndrome

K. Ibukuro, MD, Tokyo JAPAN; T. Takeguchi; H. Fukuda; S. Abe; K. Tobe

LL-GIE4149 Quantitative Oncologic Imaging of Liver Lesions in Clinical Practice

F.D. Gonzalez Guindalini, MD, Chicago, IL; H. Tore, MD; R. Ahn, PhD; H. Chalian, MD; R. Salem, MD, MBA; V. Yaghamai, MD

LL-GIE4152 Imaging of Pancreatic Adenocarcinoma in the Era of Borderline Resectable Tumor

M. Lagadec, MD, Paris FRANCE; M. Vullierme, MD; C. Fayard; M. Jules; V. Molinie; M. Zins, MD

LL-GIE4153 Infiltrative Hepatic Disease: A Review of Magnetic Resonance Findings and Demonstration of Advanced Imaging Techniques that Can Benefit Your Practice

J.W. Rampton, MD, Rochester, MN; P.M. Young, MD; R.L. Ehman, MD; D.M. Hough, MD; J.L. Fidler, MD; S.K. Venkatesh, MD, FRCP

LL-GIE4158 IgG4-Related Sclerosing Disease in the Abdomen: Typical and Atypical Image Findings with Pathological Correlations

K. Bae, MD, Seoul REPUBLIC OF KOREA; J. Kim, MD; J. Byun, MD; S. Lee, MD; H. Kim, MD

LL-GIE4163 Portal Biliopathy: A “New” Disease That Radiologists Need to Be Aware of

N. Supakul, MD, Indianapolis, IN; A.A. Patel, MD; C.O. Menias, MD; U. Cheema, MD; R. Vuppalanchi, MD, MD; K. Sandrasegaran, MD

LL-GIE4168 Hepatobiliary Manifestations of Hereditary Hemorrhagic Telangiectasia (HHT)

N. Venkatanarasimha, MBBS, FRCP, Cardiff UNITED KINGDOM; E. Colak, MD; A. Kirpalani, MD

LL-GIE4169 Secretin-enhanced MRCP and Its Role in Problem Solving: Sphincter of Oddi Dysfunction, Pancreatobiliary Reflux and Other Atypical Cases

D. Mondal, MBBS, FRCP, Oxford UNITED KINGDOM; H. Bungay, BMBCh

LL-GIE4173 Cytogenetic, Histologic and Imaging Features of Fibrolamellar Hepatocellular Carcinoma: Implications for Staging Diagnosis and Treatment Based on Review of Clinical Experience with over 150 Cases

D. Ganesan, MBBS, FRCP, Houston, TX; J. Szklaruk, MD, PhD; V. Kundra, MD, PhD; A. Kaseb; A. Rashid, MD; K.M. Elsayes, MD

LL-GIE4178 Troubling Stones: What the Radiologist Should Know about Gallstone and Cholecystectomy Complications

D.A. Souza, MD, Boston, MA; W.B. Landman, MD; A.D. Sodickson, MD, PhD

LL-GIE4216 Neoadjuvant Therapy for Locally Advanced Rectal Cancer

M. Elsayad, London United Kingdom; V.J. Goh, MBBS; S. Gourtsoyanni, MD, FRCP; N. Griffin, MD, FRCP; G. Charles- Edwards; J.H. Parikh, BMBCh

LL-GIE4224 Cardiac Failure Findings in Routine Abdominal Ultrasound: What Every Radiologist Should Know and Is Afraid to Ask

V. Barois De Stoopen, MD; N. Maqueda, MD; G.B. Zambrana, MD G. Mureddu, MD, Mexico city MEXICO; M.E. Stoopen, MD

LL-GIE4225 Dysphagia Revisited: Common and Unusual Causes

L.R. Carucci, MD, Midlothian, VA; M.A. Turner, MD

LL-GIE4231 Role of Intravoxel Incoherent Motion in Diffusion-weighted Imaging of Abdominopelvic Diseases

A. Luna, MD, Jaen SPAIN; J. Sanchez, MD, PhD; L. Alcalá Mata, MD; P. Caro; T. Martin, MD; E. Navas Campos, MD

LL-GIE4234

How Do You Solve a Problem Like the Pancreas - A Review of the Neoplastic and Non-Neoplastic Masses of the Pancreas

A. James, MBBS, Market Drayton UNITED KINGDOM; B. Thomas, MBBS

LL-GIE4235

State-of-the-Art MRI for Chronic Pancreatitis: Spectrum of Findings and Proposal of New Noninvasive Scoring System

D.A. Souza, MD, Boston, MA; K.J. Mortelet, MD

LL-GIE4249

Strengths and Limitations of Extravascular and Liver Specific Contrast Agents in the Evaluation of Liver Lesions

H. Kaur, MD, Houston, TX; E. Uribe, MD; H. Choi, MD; E.M. Loyer, MD

LL-HPE-TU5A

Surgical Foreign Body Identification on Imaging Studies: A Training Module for Radiology Residents

K. Porter, MD, PhD, Baltimore, MD; P.D. Bailey, MD; R. Woods, MD, MPH; W.W. Scott Jr, MD; P.T. Johnson, MD

LL-HPE-TU5B

Safe Use of Iodinated Intravenous Contrast Media in Imaging: A Brief Evidence-based Review

S.B. Raniga, FRCR,MD, MUSCAT OMAN; G.L. Kukade, FRCR,MD

LL-HPE3173

Knowledge of the Public Regarding Ionizing Radiation and Radioactive Material in Japan: Present Situation and Possible Counter-measures

S. Yashima, Sendai Japan; K. Chida, PhD; Y. Ohta, RT; J. Numakura, RT; D. Shibuya, MD; S. Hisamichi, MD

LL-HPE3174

Step Up to Bat and Practice Dictating Complex Cases: A Resident's Guide to Effective Reporting

M.D. Mamlouk, MD, Orange, CA; E. vanSonnenberg, MD

LL-HPE3178

Sign What? The Basics of Employment Contracts for Residents and Fellows Entering the Work Force

H.B. Harvey, MD, JD, Boston, MA; S. Saini, MD

LL-HPE4577

Guide to Implementing a Milestone Based Reporting Curriculum for Radiology Residents: A Method to Teach and Assess Core Competency Communication Skills

A. Chowdhury, BS; J.E. Tellier, MD L.H. Lowe, MD, Kansas City, MO

LL-HPE4578

A Guide to Improving Imaging (Over-)Utilization Through Practice Quality Improvement

B. Griffith, MD, Detroit, MI; M.K. Kelly, MD; D. Osborn, MD; M.L. Brown, MD; R. Jain, MD

LL-HPE4583

Radiology on the Interview Trail: An Effective Radiology Elective That Allows Medical Students Who Are Pressed for Time to Acquire Basic Knowledge About Radiology

P.Y. Shingala, BA, Edison, NJ; J.K. Amorosa, MD; S. Sundararajan, MD; J. Alpert, MD; O. Johnson, BS; T. Amir, BS

LL-HPE4584

The Components of a Successful Medical Student Reading Room Elective

D.M. Naeger, MD, San Francisco, CA; A. Phelps, MD; K.G. Ordovas, MD; M.P. Kohi, MD; E.M. Webb, MD

LL-HPE4590

The Patient Protection and Affordable Care Act: Design, Implementation, and Impact on Radiology

J. Ghassemi, MD, New York, NY

LL-HPE4593

“Two-in-one”: Safety Considerations for Cardiopulmonary Imaging in Pregnancy

D. Litmanovich, MD, Boston, MA; P.M. Boiselle, MD; R.L. Eisenberg, MD, JD; S.F. Nemec, MD; N. Kulkarni, MD; A.A. Bankier, MD

LL-HPE4598

How to Discuss CT Radiation Risks with Your Patient or Referring Physician

A.R. Kambadakone, MD, FRCR, Boston, MA; D.A. Gervais, MD; S.I. Lee, MD, PhD; D.V. Sahani, MD

LL-INE-TU8B

iBooks Author by Apple: Designing and Distributing Robust, Interactive Content for Radiology Education on the iPad

E.N. Zingarelli, BS, Baltimore, MD; K. Juluru, MD; M. Fuortes, MD, PhD; D. Magid, MD

LL-INE1214-SUB

A Web-based Tool to Form a Concise Differential Diagnosis of Findings in Musculoskeletal Radiology

R.S. Talanow, MD, PhD, Lexington, KY; P. Afonso, MD; V.V. Mascarenhas, MD

LL-INE2520

3D Visualization Capabilities of a Glasses-Free Medical 3D Display: Usefulness as an Integrated and Intuitive 3D Viewing Method

M. Suzuki, Chuo-Ku JAPAN; K. Ihara; S. Tsukagoshi, MS; Y. Kokojima; Y. Narita; N. Moriyama, MD, PhD

LL-INE2521

Iterative Reconstruction: Principles, Pearls and Pitfalls

P.T. Johnson, MD; E.K. Fishman, MD S. Deshmukh, MD, Palo Alto, CA

LL-INE2530

“Different Volumetric Analysis Techniques Based on Structural Magnetic Resonance Imaging Data to Segment and Quantify Total or Subcortical Brain Structures Volume”

J.S. James, Trivandrum INDIA; S. Kumari, PhD; C. Kesavadas, MD; B. Thomas, MBBS, MD; T. Kapilamoorthy

LL-MIE2083

Clinical Applications of Contrast-enhanced Optical Imaging in Cancer

N. Kosaka, MD, Eiheiiji JAPAN; M. Mitsunaga; M. Ogawa, PhD; P.L. Choyke, MD; H. Kobayashi, MD, PhD

LL-MIE2088

Functional and Molecular Imaging in the Management of Metastatic Castrate Resistant Prostate Cancer (mCRPC)

A. Gogbashian, MD, FRCR, London UNITED KINGDOM; A.R. Padhani, MD; N. Anyamane, MD, FRCR; R. Garcia Figueiras, MD; R. Alonzi

LL-MIE2093

Molecular Imaging of Angiogenesis

A.R. Guimaraes, MD, PhD, Charlestown, MA; S. McDermott, FFR-RCSE; B.R. Rosen, MD, PhD; R. Weissleder, MD, PhD

LL-MKE-M07B

High Resolution MR Neurography: Normal and Abnormal Lumbosacral Plexus Branch Nerves

A. Chhabra, MD, Ellicott City, MD; K.C. Wang, MD, PhD; E.V. Trueblood; C.A. McKenna; J.A. Carrino, MD, MPH

LL-MKE3146

A Good Leg to Stand On: The Imaging Evaluation of Lower Extremity Periprosthetic Fractures

D.F. Slat, MD, Saint Louis, MO; B.E. Northrup, MD; J.C. Baker, MD; T.J. Hillen, MD; J.L. Demertzis, MD; D.E. Wessell, MD, PhD

LL-MKE4361

Musculoskeletal CT: How to Reduce the Dose?

A. Gervaise, MD,MSc, Metz FRANCE; P.A. Gondim Teixeira, MD; N. Villani; S. Lecocq, MD; M. Louis, MD; A.G. Blum, MD

LL-MKE4364

The Colorado Nine: Common and Uncommon Fractures Associated with Ankle Inversion

A.N. Aikins, MD, Aurora, CO; B.D. Petersen, MD

LL-MKE4370

Role of US for de Quervain's Disease: Diagnosis, Anatomic Evaluation, US-guided Injection

D. Kim, Gangneung REPUBLIC OF KOREA; S. Choi, MD; J. Ahn; M. Park; S. Jung; K. Lee

LL-MKE4376

Walk the Line: Imaging Assessment of the Postoperative Forefoot

T.T. Lee, MD, Bronx, NY; E. Walter; D. Tomback, MD; D. Green, MD; R. Orentlicher; L.C. Tsai, MD

LL-MKE4379

Hand Infections: Vectors, Modes of Spread, Imaging Findings, and Treatment Options

N.B. Emmanuel, MD, Los Angeles, CA; D.B. Patel, MD; M. Stevanovic; D.M. Forrester, MD; C.J. Gottsegen, MD; G.R. Matcuk Jr, MD

LL-MKE4387

Techniques to Efficiently Perform Arthrograms and Other Fluoroscopically-Guided Percutaneous Needle Procedures

J.B. Moosikasuwan, MD, New York, NY; A.W. Lai, MD; E. Sarfaraz, PhD; P.C. Malloy, MD

LL-MKE4392

“Sticks and Stones in My Bones”: Multimodality Imaging of Musculoskeletal Foreign Bodies

M. Jarraya D. Hayashi, MBBS, PhD, Boston, MA; R.V. De Villiers, MMed; F.W. Roemer, MD; A.M. Murakami, MD; A. Guermazi, MD, PhD

LL-MKE4397

Sports Injuries of the Hand: Ultrasound Technique and Appearances

R. Dionello, MBBS,FRCR C.L. McCarthy, MD, Oxford United Kingdom

LL-MKE4398

Pictorial Review of Soft Tissue Masses Around the Scapula

E. Sellon, MBBS, Brighton UNITED KINGDOM; J. Bush, FRCR

LL-MKE4401

Ankle CT for Trauma: Did You Think There Was a Tendon, Retinacular or Ligamentous Injury Too?

S.C. Spence, MD, Houston, TX; C.E. Cook, MD; N.M. Beckmann, MD; M. Kumaravel, MD, FRCR

**LL-MKE4404**

Malignant Involvement of the Peripheral Nervous System: A Case-based Guide with Multimodality Imaging and Pathologic Correlation

A.B. Crush, MD, Rochester, MN; B.M. Howe, MD; C.H. Hunt, MD; G.B. Johnson, MD, PhD; R.C. Murphy, MD, PhD; R.F. Morreale

LL-MKE4412

Spectrum of Tumors Involving the Bony Spine: Check Your Knowledge

S. Kumaran, MBBS,MD, Bengaluru INDIA; S. Hareendranath, MD; K. Gupta, MD; N. Ghosal, MD; S. Viswamitra, MD

LL-MKE4413

Showing a Backbone: Update of Advances in Spine Fusion and Stabilization Hardware

J.M. Petsavage, MD, MPH, Hershey, PA; A.S. Ha, MD

LL-MKE4422

Spectrum of Superficial Nerve Related Tumor and Tumor-like Lesions - MR Imaging Features

A. Chhabra, MD P.P. Lee, MD, Baltimore, MD; G.M. Strome, MD; J.A. Carrino, MD, MPH

LL-MKE4425

Elbow Fracture Patterns, Classification, and Clinical Implications

S.T. Schroff, MD, Los Angeles, CA; K.A. Ahmed; D.B. Patel, MD; G.R. Matcuk Jr, MD; D.M. Forrester, MD; C.J. Gottsegen, MD

LL-MKE4440

“Close Call with the Crystal Ball.” Calcium Hydroxyapatite Deposition Disease Mimicking Infection, Trauma, and Neoplasm: Pictorial Review

S.V. Chheda, MD, Philadelphia, PA; S. Saad, MD; T.A. Gorbachova, MD

LL-MKE4444

Quantitative Diffusion Weighted Imaging of Musculoskeletal Tumors: A Critical Review of the Literature with Emphasis on Technical Considerations

T.K. Subhawong, MD, Baltimore, MD; A. Flammang; L.M. Fayad, MD

LL-MKE4450

CT Imaging of Total Hip Replacement Complications

N.G. Macias Rodriguez, MD, Barcelona SPAIN; X. Tomas, MD; S. Garcia, MD; A. Garcia-Diez; J. Pomes-Tallo, MD; M. del Amo

LL-MKE4453

Multimodality Assessment of Metal-on-Metal Hip Arthroplasties: Never Miss a Diagnosis Again on Plain Radiographs, MARS MRI and SPECT-CT

S. Sabah, BSc, London UNITED KINGDOM; K. Satchithanada, MBBS; J. Henckel, MD; A.W. Mitchell, FRCR; T.D. Barwick, MBChB; S. Khan

LL-MKE4457

MRI of the Joint with Fat Suppression at 3T: How to Select

Y. Harada, MD, Ube Japan; O. Tokuda, MD; N. Matsunaga, MD, PhD

LL-MKE4461

Ultrasound Guided Percutaneous Trigger Finger Release

R. Pearce, MRCP,FRCR, London UNITED KINGDOM; G. Rajeswaran, MBBS,FRCR; D. Douraghi-Zadeh, BSC, MBMS; J.C. Lee, MBBS,

FRCR; A.W. Mitchell, FRCR; h. jeremiah

LL-MKE4476

Pathology of Subcutaneous Fat. Utility of US

A. Andres Paz, Santander SPAIN; B. Gonzalez Humara; R.A. Landeras, MD; E. Gallardo; R. Garcia Barredo; M. González Vela

LL-MKE4484

Musculoskeletal Tumors and Pseudotumors Presenting “Susceptibility Magnetic Artifact” on Susceptibility-weighted Magnetic Resonance Image (SW-MRI)

F.M. Costa, MD, Rio De Janeiro BRAZIL; P.H. Martins, MD; C. Canella, MD; W. Meoas, MD; I.L. Aymore; E. Miguélete

LL-MKE4494

A Systematic Approach to Deal with Vertebral Hemangiomas

M. Martucci; R. Colantonio, MD S. Gaudino, MD, Rome ITALY; E. Lozupone, MD; A. Leone, MD; C. Colosimo, MD

LL-MKE4502

Polyethylene Problems in Arthroplasty: Wear, Fragmentation, Osteolysis, Dissociation, and Dislocation

S.D. Smith, MD, Los Angeles, CA; T.J. Learch, MD; A. Spitzer, MD; B. Penenberg, MD; M. Riley

LL-MKE4507

Imaging Features of Spinal Epidural Tumors and Tumor-Like Lesions with Pathologic Correlation

S. Lee, MD, Ann Arbor, MI; H. Choo, MD; Y. Lee; O. Kim; Y. Heo, MD; S. Choi

LL-MKE4512

MRI Evaluation of Adhesive Capsulitis: Key Points and New Perspectives

R. Barua, MD, Bronx, NY; H.R. Umans, MD; G.E. Wilde Jr, MD; K.S. Tobin, MD; L. Cerezal, MD; L.S. Steinbach, MD

LL-MKE4514

Clenching the Diagnosis: Benign and Malignant Osseous Tumors of the Fingers

K. Melamud, MD, Boston, MA; J. Drape, MD, PhD; D. Hayashi, MBBS, PhD; F.W. Roemer, MD; J. Zentner, MD; A. Guermazi, MD, PhD

LL-MKE4517

Osteosarcoma Variants: Common Appearances, Mimics, and Developments in Imaging

B.A. Chalmers, MD, Los Angeles, CA; E.A. White, MD; D.M. Forrester, MD; G.R. Matcuk Jr, MD; C.J. Gottsegen, MD; D.B. Patel, MD

LL-MKE4523

TB or Not TB? That Is the Question for the MSK Radiologist

S. Wang, MD, Los Angeles, CA; M. Booker; D.M. Forrester, MD; E.A. White, MD; D.B. Patel, MD; C.J. Gottsegen, MD

LL-MKE4524

A Pain in the Foot: A Review of Symptomatic Sesamoids and Accessory Ossicles

M.C. Langston, MD, Birmingham, AL; M.B. Frazier, MD; L.W. Denham, MD

LL-MKE4535

The Painful Wrist: Clinical Correlation and MRI Correlation

W. Chang, MD, PhD J.P. Mazzei, DO, Mineola, NY; M. Hoque; M.K. Brooks, MD; D.S. Katz, MD; B. Wasserman

LL-MKE4539

Diagnosis of Palpable Abdominal

LL-MSE-SU5A

Emerging Imaging Response Evaluation Criteria in Solid Gastrointestinal Tumors

T. Tirkes, MD, Indianapolis, IN; J.H. Yanof, PhD; T.A. Hameed, MBBS; K. Sandrasegaran, MD; M. Tann, MD; F. Akisik, MD

LL-MSE-TU5B

Whole-Body Diffusion-weighted MRI: An Imaging Spectrum of Pitfalls, Unusual Cases, Unexpected Findings and Artifacts

H.K. Sokhi, MBBS; A.R. Padhani, MD A. Gogbashian, MD, FRCR, London UNITED KINGDOM; A. Makris

LL-MSE-WE5B

Pictorial Review of Maternal Diseases in Pregnancy and the Post-Partum Period

R.T. Foley, MD, Ann Arbor, MI; P.S. Liu, MD; C.M. Yablon, MD; H.A. Parmar, MD

LL-MSE3135

Contribution of Diffusion-weighted Imaging (DWI) for Detecting Metastases in the Abdomen and Pelvis at 1.5 and 3 Tesla

M.J. Shelly, MD, Boston, MA; R. Perez Johnston, MD; A.S. Shenoy-Bhangle, MD; P.F. Hahn, MD, PhD; S.I. Lee, MD, PhD

LL-MSE3137-THA

Interpreting Thyroid FNA Results: A Guide for the Busy Radiologist

M. Dhyani, MBBS, Boston, MA; A. Anvari, MD; C.C. Lubitz, MD; W. Faquin, MD; G.H. Daniels; A.E. Samir, MD

LL-MSE4310

MRI of Iatrogeny

J.C. Maxwell, MD, Saint Louis, MO; M. Yano, MD, PhD; H.L. Shaw; MD; K.J. Fowler, MD; N.E. Saad, MBBS; C.O. Menias, MD

LL-MSE4318

An Empty Vessel Makes the Loudest Sound: A Case-Based Approach to Angiocentric Tumors

T.J. Stone, MD, Saint Louis, MO; M.G. Lubner, MD; C.J. Norbet, MD; S. Bhalla, MD; C.O. Menias, MD

LL-MSE4323

The Big, the Bad and the Ugly: A Brief Review of “Blastomas” from Head to Toe

K.P. Kantawala, MD, Indianapolis, IN; S.K. Sonavane, MD; C.O. Menias, MD

LL-MSE4325

Diffusion Weighted MR: A Potential Inflammatory Marker in Abdominal Imaging

K.S. Lim C.X. Goh, MBBS, SINGAPORE Singapore

LL-MSE4333

State of the Art Radiation Dose Reduction in MDCT

F.D. Gonzalez Guindalini, MD, Chicago, IL; H. Tore, MD; M.P. Botelho, MD; W.M. Brandwein, MD; P. Entezari, MD; V. Yaghai, MD

LL-MSE4338

What We Missed, and How Not to Miss Them

J. Weir-McCall, Dundee UNITED KINGDOM; P.M. Yeap, MBChB; R.D. White, MBChB, FRCR; M. Budak, MD; G. Duncan; I.A. Zealley, MD

LL-MSE4341

Pitfalls in Assessing Post-therapy Images after Newer Biological or Radiation Therapies

K. Sandrasegaran, MD, Indianapolis, IN; S. Verma, MD; M. Tann, MD; A.A. Patel, MD; C.O. Menias, MD

LL-NME-TU5A

Staging, Post Treatment Appearances, Pitfalls and Patterns of Failure in Pancreatobiliary and Gall Bladder Cancers on FDG PET/CT Imaging: A Pictorial Review

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LL-NME2103

State-of-the-Art Whole-Body PET/ MRI: Current Imaging Technique in Oncologic Applications
C. Besa, MD, Saint Louis, MO; F. Dehdashti, MD; J.E. McConathy, MD, PhD; R. Laforest, PhD; A. Sharma, MD; K.J. Fowler, MD

LL-NME2107

Structural and Functional Imaging in Atypical Parkinsonian Syndromes
S.M. Broski, MD, Rochester, MN; P.J. Peller, MD; C.H. Hunt, MD; G.B. Johnson, MD, PhD; R.F. Morreale; V.J. Lowe, MD

LL-NME2120

Neuroendocrine Tumors: Role of 68Ga-DOTATOC PET-CT
J.L. Criales, MD, Huixquilucan Mexico; E.T. Kimura-Hayama, MD; M.C. Herrera-Zarza, MD; S.A. Criales Vera, MD; J. Galicia Alba, MD; G. Estrada, MD

LL-NME2121

FDG PET/MRI: Pitfalls in Interpretation
A.R. Guimaraes, MD, PhD, Charlestown, MA; C. Catana, MD, PhD; B.R. Rosen, MD, PhD

LL-NME2126

PET/CT Evaluation of Plasma Cell Dyscrasias: A Pictorial Guide with Multimodality Imaging and Pathologic Correlation
J.J. Vlamincq, MD, Rochester, MN; E.L. Martin-Macintosh, MD; G.B. Johnson, MD, PhD; C.H. Hunt, MD; P.J. Peller, MD

LL-NME2127

Role of Integrated FDG-PET/CT with Dynamic Contrast-enhancement in Evaluation of Gallbladder Tumors
Y. Tanabe, Matsuyama JAPAN; Y. Sugawara, MD; H. Takahata; S. Sakai; T. Takahashi; T. Shimizu

LL-NRE-SU10A

Intradural Extradural Spinal Neoplasms: Imaging Features with Intraoperative Video and Pathologic Correlation
E.J. Zucker, MD, Boston, MA; J.P. Rahal; I. Mukand-Cerro; W.C. Dent; J.K. Wu; C.B. Heilman

LL-NRE-TH9B

Imaging of Central Nervous System Complications after Bone Marrow Transplant: A Case-based Approach
T.J. Stone, MD, Saint Louis, MO; S. Misra; R.C. McKinsty III, MD, PhD; K.D. Vo, MD

LL-NRE-TU6B

TB or Not TB, That Is the Question: Central Nervous System Tuberculosis and Its Mimics
S. Channual, MD, Los Angeles, CA; J.C. Huang, MD; G.M. Hathout, MD

LL-NRE-WE9A

Imaging in Acquired Toxic and Metabolic Encephalopathies: When the Body Speaks through the Brain
G. Bathla, MBBS, Iowa city, IA; A. Hegde; A.K. Agarwal, MD, MBBS; R. Jain, MBBS, MD; B.A. Policeni, MD

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Correlating Neuroanatomy with Pathology: A 3D Interactive Atlas
W.L. Nowinski, PhD, Singapore SINGAPORE; B. Chua; P. Drobnik-Kurzynska; A. Johnson; G. Qian, MS; N. Nowinska

LL-NRE1290

A Primer on the Clinical Technique, Indications, Interpretation and Applications: High Resolution Magnetic Resonance Carotid Wall Imaging of Intraplaque Hemorrhage
N. Singh, MD, Toronto CANADA; A.R. Moody, MD; H. Cheung, BSc; S. Chiu; R. Sarkar, BEng,MSc; J. Zhan, MD, PhD

LL-NRE1298

Comprehensive MR Imaging of Traction Injuries on Adult Brachial Plexus: How to Perform, Read Normal and Abnormal MRI Studies
K. Yeow, MD, Taipei TAIWAN; C.C. Chang, RT; Y. Yeow, BA,BA; S. Liu, BS; C. Chen, BS; C. Chen, BS

LL-NRE1301

A Case Series of Non-Metallic Foreign Bodies in the Head and Neck
D.F. Pierce, MD, Columbus, OH; C.F. Kirsch, MD

LL-NRE1303

Pictorial Review of Imaging Appearances and Extra-axial Causes of Unilateral Vocal Cord Paralysis
N.E. Fullerton, MD, PhD I. McLaughlin, MBChB, Glasgow United Kingdom

LL-NRE1308

Brain Connectivity in Magnetic Resonance: A Pictorial Review
E.C. Gonzalez-Toledo, MD, Shreveport, LA; D. Saferstein, MD; F. Bjafore, MPH; C. Ledbetter, DPhil; J. Docampo, PHD; M. Hardjasudarma, MD

LL-NRE1310-TUA

Discitis-Osteomyelitis Mimics: When Should Radiologists Think Beyond Infection?
H. Morales, MD, Cincinnati, OH; R.S. Cornelius, MD

LL-NRE2539

Syndrome of the Trephined (Sink-ing Skin Flap Syndrome) with and without Paradoxical Herniation: A Series of Case Reports and Review
J.A. Gadde, DO, Newark, DE; P.E. Dross, MD; M.J. Spina, MD

LL-NRE2540

Congenital Nasal Lesions: A Review of Embryology, Anatomy, and Imaging Features
D.T. Ginat, MD, Boston, MA; S.K. Elikka, MD; C.D. Robson, MBChB

LL-NRE2546

Ocular MRI Using Fast MR Sequences, Small Surface Coils, and Visual Axis Fixation: Indications, Technical Considerations, and Clinical Utility
K. Tanitame, MD, Hiroshima JAPAN; Y. Nakamura, MD; Y. Honda, MD; Y. Kaichi; D. Komoto; K. Awai, MD

LL-NRE2547

Orbital and Intracranial Effects of Microgravity: A Review of 3T MR Imaging Findings
L.A. Kramer, MD, Houston, TX; A.E. Sargsyan, MD; K.M. Hasan, PhD, MSc; J.D. Polk, DO; D. Hamilton, MD,PHD

LL-NRE2549

MR Anatomy of Deep Brain Nuclei with Special Reference to Specific Diseases and Deep Brain Stimulation Localization
R. Telford, MD S. Vattoth, MD, FRCP, Birmingham, AL; J.R. Hinshelwood, MD

LL-NRE2556

Distinguishing Angiographic Stenosis in Vasculopathy (PRES and RCVS) and Vasculitis: Cause for a Headache!
B.E. Hamilton, MD A.R. Figi, MD, Portland, OR

LL-NRE2557

Imaging of Atypical CSF Shunts and Diversion Techniques—Not Everything Is a VP Shunt
D.T. Ginat, MD, Boston, MA

LL-NRE2561

Imaging Evaluation of Orbital Reconstruction with a Clinical Perspective
D.T. Ginat, MD, Boston, MA; S.K. Freitag; M.E. Cumane, MD; G. Moonis, MD

LL-NRE2569

Adult Ocular and Orbital Tumors: More than Meets the Eye
T.D. Tailor, MD, Seattle, WA; D. Gupta, MD; R.W. Dalley, MD; C. Keene, MD,PhD; Y. Anzai, MD

LL-NRE2573

Imaging of Oropharyngeal Cancer: How Can the Radiologist Help with Treatment Planning?
H. Kuno, MD, Kashiwa JAPAN; H. Onaya, MD; M. Satake, MD; S. Fujii, MD; R. Iwata, MD; T. Kobayashi, MD

LL-NRE2574

Squamous Cancers of the Retro-molar Trigone—The Unexplored Wisdom of MDCT in Staging and Assessing Resectability
S. Arya, MD, Mumbai INDIA; S. Deshpande, MBBS; S. Mahalwar, MBBS; S. Juvekar

LL-NRE2579

Neuromyelitis Optica: How Is It Different and How Can It be Diagnosed?
H. Yokota, MD, Chiba JAPAN; H. Mukai; K. Motoori, MD; K. Inoue, MD, PhD; T. Kazama, MD; T. Horikoshi, MD

LL-NRE2580

The Eyes Have It: Imaging and Differential Diagnosis of Orbital Inflammatory Disease
I. Bonilla-Yoon, MD, Los Angeles, CA; A.R. Sepahdari, MD

LL-NRE2591

US-based Review of the Neck Nerve Anatomy and Its Spatial Relationships: From Diagnosis of Neurogenic Tumors to Prevention of Iatrogenic Nerve Injuries During US-guided Procedures
E. Ha, Seoul REPUBLIC OF KOREA; J. Baek; J. Lee, MD, PhD

LL-NRE2594

Skull Base Tumors and Tumor-like Lesions: Mastering the Basics
A. Kunimatsu, MD, Tokyo JAPAN; H. Mori, MD; H. Sasaki; M. Katsura, MD; N. Kunimatsu, MD; K. Ohtomo, MD

LL-NRE2599

Cerebral Microbleeds: Clinical Significance, Related Vasculopathies and Common Mimics
R. Ideguchi, Nagasaki JAPAN; M. Morikawa, MD; M. Enokizono, MD; S. Akashi; Y. Sakito; T. Fukuda, MD

LL-NRE2619

Multimodality Imaging For Evaluation of Extraocular Muscle Enlargement: Moving Beyond Just Graves Ophthalmopathy
C.A. Tiegsh-Heiden, MD, Rochester, MN; C.H. Hunt, MD; L.J. Eckel, MD; F.E. Diehn, MD; K.M. Schwartz, MD; T. Witzig, MD

LL-NRE2631

The Imaging of the Carotid Artery Vulnerable Plaque
L. Saba, MD, Cagliari ITALY; E. Raz, MD; M. Anzidei, MD; R. Sanfilippo, MD; R. Montisci, MD; M. Piga

LL-NRE2635

Multimodality Imaging of Carotid Artery Stenosis
M.S. Goyal, MD, MSc, Saint Louis, MO; T.J. Greenwood, MD; M.M. Miller-Thomas, MD; C.P. Derdeyn, MD

LL-NRE2646

Where Do They Go? Common Pathways of Disease Spread in the Head and Neck
D. Chen, MD, Brooklyn, NY; V. Singh, MD; N. Guha-Thakurta; D.L. Reede, MD; W.R. Smoker, MD

LL-NRE2649

MRI of the Spinal Dysraphism: What to Look For?
S. Sharma, MD, New Delhi INDIA

LL-NRE2651

Facial Implants: The Good, the Bad, and the Ugly
D.T. Ginat, MD, Boston, MA; C.J. Schatz, MD

LL-NRE2665

Radiological Assessment of Skull Sutures in Patients with Syndromic Craniosynostosis
R. Calandrelli, Rome Italy; G. D'Apolito, MD; G.M. Di Lella, MD; A.M. Costantini, MD; C. Colosimo, MD

LL-NRE2666

Pictorial Essay of MRI Findings of Creutzfeldt-Jacob Disease (CJD)
S. Gaudino, MD, Rome ITALY; E. Gangemi; M. Martucci; M.G. Vita; T. Tartaglione, MD; C. Colosimo, MD

LL-NRE2667

Multimodality Imaging of Cerebral Lymphoma – Is Making the Diagnosis Any Easier?
A.L. Dias, MBBS,MRCs, London United Kingdom; J. Dunn, MBBS; M.A. Arshad, MBBS, BSC; F. Roncaroli; A. Waldman, PhD; A. Mehta, MBBS

LL-NRE2671

Granulomatous Disease of the Head and Neck: Developing a Differential Diagnosis
O.K. Nwawka, MD, Boston, MA; R.N. Nadgir, MD; J.W. Wang, MD; M.N. Chapman, MD; O. Sakai, MD, PhD

LL-NRE2676

Clinical Presentation, Imaging Spectrum and Endovascular Management of Distal Cerebellar Aneurysms
P.S. Sanghavi Jr, DMRD,MBBS, Mumbai INDIA; U. Limaye; R. Saraf, MD; H.U. Shah, MBBS,MD; B. Sannanjanja, MBBS, MD; A. Baheti, MBBS, MD

LL-NRE2678

Clinical Role of DTI and DTI-based Tractography in the Evaluation of Normal and Pathological Cranial Nerves
J.P. Martinez Barbero, MD, Jaén SPAIN; T. Martin, MD; J. Sanchez, MD, PhD; I. Rodriguez; A. Luna, MD

LL-NRE2687

Imaging in Large Vessel Vasculitis: Ultrasound, PET, CT, MRI
T.A. Bley, MD, Hamburg GERMANY

LL-NRE2697

The Dilemma of Thyroid Nodules: When Fine Needle Aspiration Should be Done?
S. Hernandez-Muñiz, Alcorcon Spain; M. Ibañez Moya; I. Cogollos Agruna, MD; I. Esteban Rodriguez, MD; A. Urbina; J.C. Albillos Merino, MD

LL-NRE2698

Finding a Voice: Imaging Features after Phonosurgical Procedures for Vocal Cord Paralysis Rehabilitation
B. Vachha, MD, PhD, Boston, MA; M.E. Cunnane, MD; P. Mallur, MD; G. Moonis, MD

LL-NRE2704

Imaging Algorithm of Petrous Apex Lesions
A.K. Singh, MD, Iowa City, IA; W.R. Smoker, MD; B.A. Policeni, MD

LL-NRE2717

Infectious and Inflammatory Disease of the Temporal Bone: Complications
A. Gera, MD, Los Angeles, CA; P. Mehta, MD; S. Urban, BS; A. Lerner, MD; J.L. Go, MD

LL-OBE-SU6B

Multimodality Imaging Evaluation of Fetal and Maternal Morbidity Associated with Multiple Repeat Cesarean Deliveries
M. Moshiri, MD, Seattle, WA; T.J. Dubinsky, MD; D.S. Katz, MD; P. Bhargava, MBBS

LL-OBE-TH5A

Fetal Anatomy Assessment at 11-14 Weeks: Review of Indications, “Do Not Miss” Lesions and Potential Pitfalls of the Early Anatomy Scan
P. Glanc, MD, Toronto CANADA; K. Hack, MD

LL-OBE-WE6A

Benefits of Isovoxel Three-dimensional T2-weighted Imaging for Female Pelvic MRI @ 3T: Improved Anatomical Assessment and Lesion Characterization
J. Takahama, MD, Kashiwara JAPAN; S. Kitano, MD; A. Takahashi, MD; N. Marugami; T. Itoh, MD; M. Takewa, MD

LL-OBE2205

Endometriosis and the Acute Abdomen: Diagnostic Conundrums
T.A. Barrow, MBBS, Manchester UNITED KINGDOM; M.G. Elsayed, MBBS; S. Liong, MBBS; S.A. Sukumar, MD; A.J. Bradley, MBChB

LL-OBE2210

Across the Bridge: Pre and Postnatal Imaging of Common and Uncommon Genitourinary Anomalies
M.K. Dighe, MD, Seattle, WA; T. Chapman, MD, MA; J. Jolley

LL-OBE2216

Test Your Ultrasound Acute Female Pelvic Pain IQ
K.A. Kaproth-Joslin, MD, PhD, Rochester, NY; A. Levit, MD; R. Sidhu, MD; S. Bhatt, MBBS; S.L. Voci, MD; P.J. Fultz, MD

LL-OBE2228

MRI in Obstetric Emergency
N. Kumar, MD, New Delhi INDIA; R. Gupta; U.K. Kuppan, MBBS; S.K. Bajaj; R. Misra; A. Malik, MD

LL-OBE2229

Update on MR Imaging of Uterine Malignancy: New Techniques, Tumor Characterization, and Role in Fertility-preserving Surgical Procedures
M. Hori, MD, Suita JAPAN; T. Kim, MD; H. Onishi, MD; A. Nakamoto, MD; M. Sakane, MD; N. Tomiyama, MD, PhD

LL-OBE2230

Prenatal and Postnatal Findings of Fetal Face and Neck Anomalies
S. Woo, MD, Seoul REPUBLIC OF KOREA; J. Cho, MD; S. Kim, MD; S.H. Kim, MD; M. Moon

LL-ODDE2244

Recent Advances in MR Imaging for Evaluation of Ectopic Pregnancy
M.O. Asatani, MD, PhD, Niigata JAPAN; A. Sato, MD; N. Yoshimura, MD, PhD; T. Yahata, MD, PhD; K. Kashima, MD; H. Umezu, MD

LL-OBE2250

The Corpus of Uterine Sarcomas: Classification, Imaging Characteristics, and Imaging-based Staging
N. Woldenberg, MD M.K. Patel, MD, Sylmar, CA; C.M. Jude, MD; G.C. Hansen, MD; S.S. Raman, MD

LL-OBE2251

Diagnostic and Therapeutic Strategy for Endometriosis by MR Imaging with Problem-solving Advanced Techniques
M. Takeuchi, MD, Tokushima JAPAN; K. Matsuzaki, MD, PhD; A. Kuwahara, MD, PhD; M. Harada, MD, PhD

LL-OBE2255

Window into the Posterior Fossa: An Interactive Review of Fetal Magnetic Resonance Imaging Techniques, Anatomy, and Posterior Fossa and Cerebellar Abnormalities
D.S. Chow, MD, New York, NY; S. Arjuna, MD; R.L. Delapaz, MD; S.L. Laijfer-Nar, MD

LL-OBE2256

Mullerian Duct Anomalies: MR Imaging at 3 T and Three-dimensional Ultrasound Using Endovaginal Gel
M. Recio Rodriguez, Madrid SPAIN; C. Bermejo; P. Martinez Ten; V. Martinez de Vega, MD; J. Carrascoso Arranz; M. Jimenez De La Pena

LL-OBE2257

Magnetic Resonance and Ultrasound of Space-occupying Structural Anomalies of the Fetal Thorax
E.J. Matta, MD, Houston, TX; S.M. Vandenmooter, MD; V. Surabhi, MD; K. Pandya, MD

LL-OBE2261

Update on Ovarian Epithelial Neoplasms
E.T. Obadina, MD, Madison, WI; J.B. Robbins, MD; M.E. Hanson, MD; M.A. Kliever, MD; M. Klein, MD; A. Al-Niaimi, MD

LL-PDE-SU6A

Pediatric Ovarian Tumors: Radiologic-Pathologic Correlation
S. Jeong, MD, Jeollanam-do REPUBLIC OF KOREA; S. Heo, MD; J. Kim, MD; S. Shin; Y. Jeong; H. Kang, MD

LL-PDE-TU6A

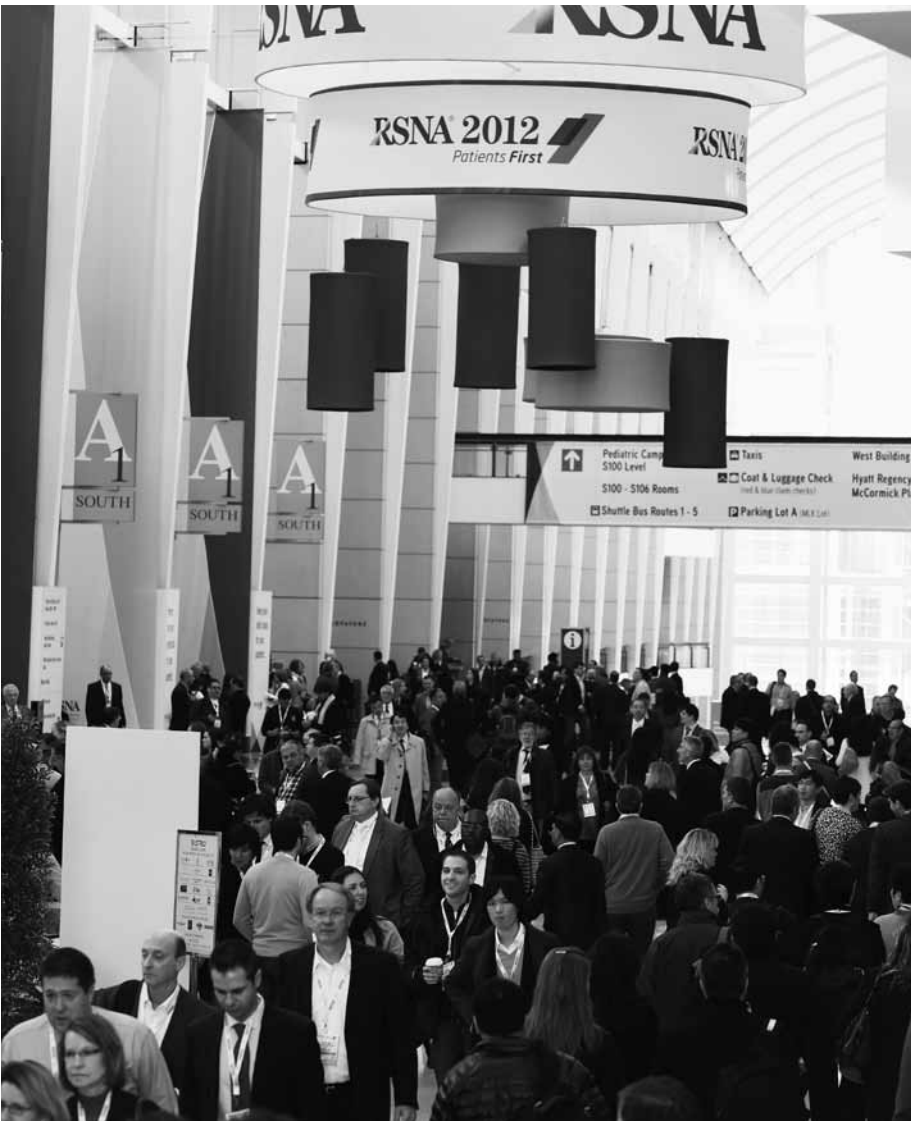
3D T2-weighted MRCP in the Pediatric Population: A Pictorial Review
N.D. Egbert, MD, Ann Arbor, MI; J.R. Dillman, MD; P.J. Strouse, MD; M. Lopez, MD

LL-PDE-TU7A

Fetal MRI: Normal Appearance of the Brain from 20 Weeks to Birth
N.M. Wilson, MD, PhD; J. Davila; J. Hurteau, MD E. Miller, MD, Toronto Canada

LL-PDE1035

The Role of Imaging in Disorders of Sexual Development (DSDs)
C. Orazi, MD, Rome ITALY; M. Cappa, MD; M. Silveri, MD; P.M. Schingo, MD; C. Bizzarri, MD; P. Toma



LL-PDE2001**Pediatric Hip Sonography for DDH: A Primer and Quiz**

D.G. Sheppard, MD, Galway IRE-LAND; C. Corbally, MBBCCh; A. Tuohy, RT

LL-PDE2007**Pancreatitis in Children: What We Expect to See on Magnetic Resonance Cholangiopancreatography (MRCP)**

J. Hwang, MD, Seoul REPUBLIC OF KOREA; H. Yoon, MD; Y. Cho; C. Yoon; J. Lee, MD; Y. Lee

LL-PDE2016**Cranial Nerve Abnormalities in Children**

H. Dahmouch, MD, Philadelphia, PA; A. Vossough, MD, PhD

LL-PDE2030**Utility of Low-Dose High-Pitch Volumetric Scanning in Pediatric Cardiac Computed Tomographic Imaging**

C.M. Long, MD, PhD, Baltimore, MD; S. Long; P.T. Johnson, MD; E.K. Fishman, MD; S.L. Zimmerman, MD

LL-PDE2031**Congenital Variations of the Knee: From the Inside Out**

P.N. Bacon, MD, Omaha, NE; P. Adappa, MD; L.L. Linscott, MD; J.D. Wendel, MD

LL-PDE2032**Diffusion Weighted Imaging in Pediatric Body MRI: Principles, Technique and Emerging Applications**

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

LL-PDE2037**Perianal Disease in Pediatric Inflammatory Bowel Disease: A Review of MRI Findings**

G. Compton, MBBS, Parkville AUSTRALIA; M.J. Bartlett, MBBS

LL-PDE2042**Doppler Waveforms: A Clue to Diagnosis in the Pediatric Patient**

J.D. Markiewicz, MD, Oklahoma City, OK; T. Thai, MD; D.M. Riherd, MD

LL-PDE2043**Keep Your Chin Up, Kid: A Pictorial Review of Pediatric Mandibular Lesions**

G.S. Mitchell, MD, Springfield, MA; S.C. O'Connor, MD; S.M. Polansky, MD; A.B. Smith, MD; A. Sun; J.M. Rozell, MD

LL-PDE2047**Imaging of Pediatric Inflammatory Bowel Disease: Past, Present, and Future...**

A.H. Gaballah, MD, FRCR E.H. Youssef, MD,FRCR, Ann Arbor, MI; J.R. Dillman, MD

LL-PDE2060**Spectrum of Imaging Features of Cystic Abdominal and Pelvic Masses in Children: A Cross-sectional Pictorial Review**

U.S. Torres, MD; A.C. Teixeira, MD; F.D. Braojos, MD; E.P. de Oliveira; E.M. Arruda, MD A.S. Souza, MD, Sao Jose Rio Preto Brazil

LL-PDE2061**Hypoxic Ischemic Injury: An Overview of Clinical and Radiological Manifestations From Premie to Adult**

N. Desai, MD, Kansas City, MO; R.

Kollipara, BA; P.G. Thacker Jr, MD; L.H. Lowe, MD

LL-PDE2062**May a Hundred Flowers Bloom: Susceptibility Weighted Imaging in Pediatric Neuroradiology**

N. Abdeen, MD, Ottawa Canada; A. Al Hammad

LL-PDE2071**Use of Ultrasound for Diagnosis and Treatment of Musculoskeletal Conditions in the Adolescent Athlete**

A.M. Zbojniec, MD, Cincinnati, OH

LL-PDE2079**Mass Confusion: Pictorial Review of Pediatric Cardiac Masses**

T.Y. Tao, MD, PhD, Saint Louis, MO; N. Yahyavi-Firouz-Abadi, MD; S. Bhalla, MD

LL-PDE2762**Pediatric Temporal Bone Lesions by CT, Simplified**

J.A. Urbine, MD, Philadelphia, PA; E.I. Blanco, MD; E.N. Faerber, MD

LL-PHE-TU6A**Fat Suppression in Musculoskeletal Imaging on 3 Tesla MRI: Techniques, Clinical Considerations, Vendor Implementations and Nomenclatures**

F.P. Del Grande, MD, Baltimore, MD; F. Santini, PhD; D. Herzka; M.R. Aro, MBBS; J.A. Carrino, MD, MPH

LL-PHE1332**What Will We Do When Helium Runs Out?**

A.S. McAllister, MD, Morgantown, WV

LL-PHE1334**Effective Dose of Current Routine Adult CT Protocols-A Comparison Based on Patient Weight Group and Scanner Types**

D. Zhang, Boston, MA; X. Li, PhD; B. Liu, PhD

LL-PHE1335**Characterization of Vulnerable Plaque with Dual-Energy during CT Coronary Angiography: A Phantom Study**

A. Ursani, BEng, Toronto Canada; H. Mehrez, PhD; H. Kashani, MD; S. Moghe, PhD; N.S. Paul, MD

LL-PHE1341-SUA**A Primer on the Physical Principles of Ultrasound Elastography and Their Clinical Relevance**

A. Anvari, MD, Boston, MA; A.E. Samir, MD

LL-PHE2740**Teach an Old Dog New Tricks: CT Dose Reduction and Optimization with the Scanner You Already Have**

T.S. Cook, MD, PhD, Philadelphia, PA; W. Kim, MD; W.W. Boonn, MD

LL-URE-M05B**Differential Diagnosis of Peri- and Para-aortic Masses: A Case-based Approach**

J. Clark, MD, San Diego, CA; J.D. Sweet, MD

LL-URE-WE4A**Bladder Cancer Imaging: What the Radiologist Needs to Know**

A.S. Purysko, MD, Cleveland, OH; E.M. Remer, MD; H.M. Leao Filho, MD; J.S. Jones; B.R. Herts, MD

LL-URE1075**Inflatable Penile Protheses (IPP): Diagnosis of Complications**

R.P. Hartman, MD, Byron, MN; A. Kawashima, MD; N. Takahashi, MD; A.J. Leroy, MD; B.F. King Jr, MD

LL-URE1077**Acute Traumatic and Non-traumatic Scrotal Emergencies in ER: A Pictorial Review from a Level 1 Trauma Center**

A. Sikka, MD D. Gopireddy, MD, MPH, Chicago, IL; C.E. Atty, DO; C.T. Masse, MD; T. Folan, MD; R. Agarwala, MD

LL-URE2131**Pictorial Review of Urologic Reconstructive Procedures Associated with Cystectomy**

V. Khalef, MD, New Hyde Pk, NY; B. Morganstern, MD; B. Friedman, MD; M. Vira; J.J. Hines Jr, MD

LL-URE2147**The T2W Hypointense Renal Lesion: Differentiation Based on Various MRI Sequences with Emphasis on DCE, MRI, and DWI**

H. Pandey, MBBS, DMRD, Montreal CANADA; H.C. Addley, MRCP, FRCR; S. Nougaret, MD; H. Mikhael; Y.I. Assiri, MD; C. Reinhold, MD, MSc

LL-URE2151**Multimodality Imaging Features of Acquired Urachal Remnant Diseases**

A.C. Boyer, MD, Royal Oak, MI; T.J. Sanders, MD; S.H. Jafri, MD; M.B. Amin, MD; M.A. Amendola, MD; I.R. Francis, MD

LL-URE2152**CT Urography: What a Difference a Delay Makes**

R. Chung, MD, San Diego, CA; L. Aganovic, MD; F. Hughes Cassidy, MD

LL-URE2154**It's Not a Tumor! Infectious/Inflammatory Conditions Mimicking Malignancy in the Genitourinary System/Retroperitoneum**

S.T. Bartel, MD, St. Louis, MO; H.L. Shaw, MD; R.F. Loch Jr, MD; V.M. Melnick, MD; N. Dahiya, MD; K.J. Fowler, MD

LL-URE2159**Comprehensive Review of the Congenital Anomalies and Variations of the Adult Urinary Tract: Role of MDCT Urography**

N. Venkatanarasimha, MBBS,FRCR, Cardiff UNITED KINGDOM; E. Colak, MD

LL-URE2166**Multimodality Imaging of the Congenital Kidney and Urinary Tract Anomalies Based on Embryology**

A. Takahashi, MD, Kashiwara JAPAN; N. Marugami; J. Takahama, MD; T. Hirai, MD; K. Kichikawa, MD

LL-URE2168**Three-dimensional Non-Contrast-enhanced MR Angiography Using Time-SLIP: Why we Have to Use a New Tool as Pre-interventional Evaluation of Renal Diseases**

T. Tajima, MD, PhD, Tokyo Japan; S. Shimizu; T. Yamamoto; M. Shinohara; M. Kohn; S. Sakai, MD

LL-URE2176**Endourological Procedures for Urinary Stones Removal: An Update for Radiologists**

A. Sierra, MD, Barcelona SPAIN; A. Radosevic, MD; E. Oliva; E.A. Castaneda; M. Vallespi; m. DIAZ

LL-URE2192**Functional Assessment of the Kidneys with MRI**

A. Luna, MD, Jaen SPAIN; J. Sanchez, MD, PhD; L. Alcalá, MD; E. Navas Campos, MD; P. Caro Mateo; T. Martin, MD

LL-URE2193**What Radiologists Should Know and Do for Adrenal Hypertension—Disease Concept, Diagnostic Imaging, Venous Sampling, and Interventional Radiological Treatment**

K. Takase, Sendai Japan; K. Seiji, MD, PhD; H. Ota, MD, PhD; F. Satoh; R. Morimoto; S. Takahashi, MD

LL-URE2194**Imaging Sex Reassignment Surgery: Preoperative and Postoperative Features**

M. Bertolotto, MD, Trieste Italy; C. Trombetta, MD; P. Pavlica, MD; V. Savoca; F. Cacciato; M.A. Cova, MD

LL-VIE-SU5A**Trans-Jejunal Biliary Interventions: Going Back to a Road Less Traveled**

J.E. Lopera, MD, San Antonio, TX; G.M. Kroma, MD; A.E. Garza-Berlanga, MD; R. Suri, MD

LL-VIE-SU5B**Interstitial MR Lymphangiography**

L.M. Mitsumori, MD, MS, Seattle, WA; P.C. Neligan, MD; J.H. Maki, MD, PhD; G. Wilson, MD; S. Minoshima, MD, PhD

LL-VIE-TH6A**“Impossible” TIPS, Think Again: Direct Intrahepatic Portosystemic Shunt and Gun-Sight Techniques as Alternative Options**

T. Tiwari, MD, Richmond, VA; G.S. Morano, MD

LL-VIE-TH6B**Between a Rock and Hard Place: An Interventionalist's Guide on How to Cross Central Venous Occlusions**

R. Loree, MD Y. Babayev, MD, New York, NY; J.N. Shams, MD; R. Patel, MD; J.E. Silberzweig, MD

LL-VIE-TU5A**Transjugular Intrahepatic Portosystemic Shunt Creation in Partial Liver Transplant Recipients with Complications of Portal Hypertension**

R. Miraglia, MD, Palermo ITALY; L. Maruzzelli, MD; A. Luca, MD

LL-VIE-TU6B**Treatment Response Evaluation of Hepatocellular Carcinoma: What Interventional Radiologists Need to Know**

P. Rezai, MD, Chicago, IL; T. Folan, MD; J.D. Hardman, MD; G. Kumar, MD; D.J. Kay, MD

LL-VIE-WE6A**Arterial Embolization in Benign Prostatic Hyperplasia: A Promising Alternative Treatment**

J.G. Bernardes, MD, São Paulo BRAZIL; P.C. Viana, MD; E.P. Anastacio; G.E. Nasser, MD; M.R. Menezes, MD; F.C. Carnevale

LL-VIE1143-SUB**Percutaneous Gastrostomy Tube Placement: Recognizing When Things Go Wrong**

M.M. Niemeyer, MD, Saint Louis, MO; D.C. Zurcher, MD; S. Agarwal, MD; K.J. Fowler, MD; N.E. Saad, MBBCCh

LL-VIE1144-M0B**Direct Intranodal Lymphangiography: Review of Literature with Case Example**

F.R. Mir, MD, Detroit, MI; J. Hamblin; S.E. Schwartz, MD

LL-VIE1146**Anticoagulant Management in Interventional Radiology**

F.R. Mir, MD, Detroit, MI; S.E. Smolinski, MD; J. David; J. Hamblin; T. Ticcony, RN; S.G. Sturza, MD

LL-VIE1152**Imaging-guided Fiducial Placement: Principles, Technique and Tips and Tricks to Ensure Success**

A.R. Kambadakone, MD, FRCR, Boston, MA; A. Thabet, MD; T.S. Hong; P.R. Mueller, MD; D.A. Gervais, MD; R.S. Arellano, MD

LL-VIE1158**A Guide to Choosing the Best Thermal Ablation Modality When Treating Soft Tissue Tumors**

J.P. Guenette, BA, Providence, RI; W.W. Mayo-Smith, MD; T.T. Healey, MD; J.D. Iannuccilli, MD; D.E. Dupuy, MD

LL-VIE1183**Below-the-Knee Interventions for Critical Limb Ischemia: What You Need to Know Before You Start**

T. Hasebe, MD,PHD, Hachioji JAPAN; S. Kasuya, MD; R. Kasai, MD; N. Kitamura, MD

LL-VIE1184**CTA Evaluation of Genetic Vascular Disease: Its Role in Detection, Staging and Guiding Patient Management in Complex Vascular Pathologies**

L.C. Chu, MD; P.T. Johnson, MD E.K. Fishman, MD, Baltimore, MD

LL-VIE2418**Preoperative Portal Vein Embolization for Hepatocellular Carcinoma: What the Interventional Radiologist Needs to Know**

A. Sparks, MD, Houston, TX; K. Kobayashi, MD; B.S. Hailey, MD; M.A. Sultenfuss, MD; D.D. Smith, MD; D. Anaya, MD

LL-VIE2422**Traumatic Aortic Injury: Imaging Findings, Mimics, and Therapeutic Options**

E.L. Cullen, MD, Rochester, MN; E.J. Lantz, MD; M.A. Frick, MD; T.J. Vrtiska, MD; E.E. Williamson, MD; C. Johnson, MD

LL-VIE2434**Interventional Treatment of Hepatic Malignancy in Patients with Celiac Artery Stenosis/Occlusion: Various Techniques and Prediction by the Contrast Enhanced CT**

S. Kamei, MD M. Morikawa, MD, Nagakute Japan; A. Shimizu; C. Arakawa; S. Ikeda; A. Kitagawa

LL-VIE2443**Evaluation of the Use of a Blood Pool Contrast Agent (Gadofosveset Trisodium) for the Assessment of Peripheral Vascular Disease with Contrast Enhanced Magnetic Resonance Angiography**

R.T. Downey, MD, San Francisco, CA; R. Aslam, MBBCCh; S. Weinstein, MD; J. Yee, MD; B.M. Yeh, MD

LL-VIE2468**Historical Perspective: Eponyms of Interventional Radiology**

D. Machleder, MD J. DiPoce, MD, New York, NY

LL-VIE2473**Setting Up a Whole Body Contrast-enhanced Magnetic Resonance Angiography Service**

J. Weir-McCall, Dundee UNITED KINGDOM; R.D. White, MBChB, FRCR; M. Budak, MD; P. Martin; S.J. Gandy, PhD; G. Houston

LL-VIE2481**Portal Vein Embolization Prior to Major Hepatic Resection: Technical Considerations for Successful Outcome**

B.S. Hailey, MD, Houston, TX; K. Kobayashi, MD; A. Sparks, MD; M.A. Sultenfuss, MD; B. Satpathy, MD; D.D. Smith, MD

LL-VIE2509**Embolization Therapy of Acute Arterial Gastrointestinal Bleeding**

G.K. Schneider, MD, PhD, Homburg/Saar Germany; P. Fries, MD; A. Massmann, MD; M. Katoh, MD; A. Buecker, MD

LL-VIE2510**Central Venous Stenoses and Occlusions: To Stent, or Not to Stent, That Is the Question...**

R. Suri, MD, San Antonio, TX; D. Kumar, MBBS; J.E. Lopera, MD; G.M. Kroma, MD; A. Garza

LL-VIE2511**“To Give or Not to Give”: The Eternal Dilemma—Antibiotics Prophylaxis in Interventional Radiology Procedures**

S.I. Iqbal, MD, Burlington, MA; N. Temin, MD; C.P. Molgaard, MD; B. Davison, MD; H.K. Ahari, MD; S. Flacke, MD

LL-VIE2516**The Thyroid: A Review of Imaging Modalities and Biopsy Techniques**

A.C. Nachiappan, MD B.S. Hailey, MD, Houston, TX; Z.A. Metwalli, MD; R.A. Patel; M.L. Ostrowski, MD; D.M. Wynne, MD

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LL-BRE4676**Sonographic Evaluation of Axillary Lymph Nodes: When to Biopsy and Spectrum of Diseases**

M. Plaza, MD, Miami, FL ;R.A. Kiszonas, DO ;J.M. Net, MD ;F. Collado-Mesa, MD ;T. Mirpuri, MD ;M.M. Yepes, MD

LL-BRE4689**Background Parenchymal-enhancement on Breast MRI: Normal Patterns, Diagnostic Challenges, and the Potential for False Positive or False Negative Interpretation**

C.S. Giess, MD, Wellesley, MA ;E.D. Yeh, MD ;S. Raza, MD ;R.L. Birdwell, MD

LL-CHE2282**Imaging of Thoracic Injuries in Professional Rugby Players: Role of Magnetic Resonance Imaging and Computed Tomography**

D. Hayashi, MBBS, PhD, Boston, MA ;F.W. Roemer, MD ;R. Kohler, MBBCCh ;A. Guermazi, MD, PhD ;C. Gebers ;R.V. De Villiers, MMed

LL-CHE2366**Dual Energy Subtraction Chest Radiography – When and Why?**

D.L. Lam, MD S.S. Chou, MD, Seattle, WA ;S.N. Pipavath, MD ;G. Kicska, MD, PhD ;T.D. Tailor, MD ;J. Godwin II, MD

LL-GIE3062**All Dark Things are Not Tumors: Nontumorous Hypointensity on Gd-EOB-DTPA-enhanced MR**

Y. Lee S. Kim, MD, Seoul KOREA, REPUBLIC OF ;S. Lee, MD ;S. Park, MD ;K. Kim ;J. Byun, MD

LL-GIE4073**Usefulness of Pneumo-esophageal 64-MDCT for Assessing Response to Neoadjuvant Treatment in Esophageal Cancer: Anatomic-pathological correlation**

M. Ulla, MD, Capital Federal ARGENTINA ;E. Gentile, DMD ;E. Levy Yeyati, MD ;M. Diez ;D. Cavadas ;R.D. Garcia-Monaco, MD, PhD

LL-GIE4088**The Characteristic Lesions of Crohn's Disease. Correlation of Air Enteroclysis, MDCT and Endoscopic Images with Pathologic Findings**

A.I. Carbo, MD, Shreveport, LA ;T. Reddy, MBBS ;P. Jordan, MD ;K. Manas, MD ;J.Q. Thomas-Ogunniyi, MD ;T. Gates, MD

LL-GIE4146**Pictorial Review: Abdominal Complications Following Hematopoietic Stem Cell Transplantation**

L. Del Campo, PhD, Madrid SPAIN ;N. Gomez Leon, MD, PhD ;D. Castaño ;C. Lagana, MD ;D. Tagarón, MD

LL-GIE4148**Hepatic Perfusion Disorders: If You Blink, You Might Miss It**

N. Sabaneeff, MD, Rio de Janeiro Brazil ;V.M. Sardenberg ;A. Muccillo, MD ;I.R. Kuroki, MD ;R.C. Domingues, MD ;L.K. Bittencourt, MD,MSc

LL-MIE-SU4A**Is It Recurrent, or Residual, or Radiation Necrosis or Pseudoprogression? Cellular and Molecular Imaging of Posttreatment Brain Tumor: What Physician Expects and What Radiologist Can Deliver**

S.G. Kanekar, MD, Hershey, PA ;H.A. Parmar, MD ;D. Gandhi, MBBS, MD

LL-NME2107**Structural and Functional Imaging in Atypical Parkinsonian Syndromes**

S.M. Broski,