

RSNA 2006 Award Winners

MAGNA CUM LAUDE

LL-CA5086-L

Cardiac Conduction System: Anatomical Landmarks Relevant to Interventional Electrophysiology Techniques Demonstrated by 64 MDCT

F. Saremi, MD, Orange, CA; S. Krishnan, MD

LL-GI3270

Capsule Endoscopy versus Radiological Studies in the Investigation of Small Bowel Disease

K. Sandrasegaran, MD, Indianapolis, IN; D.D. Maglinte, MD; M.V. Chiorean; J.C. Lappas, MD

LL-MK4842

Usefulness of MR Arthrography in the Assessment of Triangular Fibrocartilage (TFC) Complex Lesions and Wrist Instability

L.F. Cerezal, MD, Santa Cruz De Bezana SPAIN; A. Rolón; A. Canga, MD; F. Abascal; R. Garcia-Valtuille; F. del Piñal, MD

LL-MS2644

Comprehensive Pictorial Review of Behcet Disease: Radiological and Clinical Findings of Multisystemic Manifestations

E. Chae, MD, Seoul KOREA, REPUBLIC OF; K. Do, MD; J. Seo, MD, PhD; J. Kang, MD; J. Lee; T. Lim; et al

LL-MS2646

Spectrum of Epstein-Barr Virus Related Diseases: A Pictorial Review

E. Maeda, MD, Tokyo JAPAN; M. Akahane, MD; H. Uozaki, MD; S. Kiryu, MD; M. Fukayama, MD; K. Ohtomo, MD; et al

LL-NR4734

The Venous Circle at the Skull Base: Basal Vein of Rosenthal

F. Jabeen, Salford UNITED KINGDOM; R. Rahim, MBBS; D. Hughes; R. Laitt, MBBS; S. Gadde; A. Herwadkar, MBBS

CUM LAUDE

LL-BR4830

MR Imaging of the Breast Postradiation Therapy: A Review of the Normal Acute and Chronic Changes

D.M. Coll, MBBS, New York, NY; A. Ho, MD; S. Green, MD; S. Pulitzer, MD

LL-CA4659

Cardiac Resynchronization Therapy: What the Radiologist Needs to Know

R. Drostien, MBBS, Salt Lake City, UT; H. Mann, MD; D. Green; A.M. Shaaban, MD

LL-CH4546-R11

Thoracic Aneurysms: Etiology, Significance, and Radiologic Appearance

P. Agarwal, MD, Ann Arbor, MI; S. Patel, MBBS; F.R. Matzinger, MD; E.A. Kazer-ooni, MD, MS

LL-CH4558-L11

Going to the Heart of the Matter: The Importance of the Heart When Interpreting Standard Thoracic CT

E. Castaner, MD, Sabadell SPAIN; Y. Pallardo; X. Gallardo; A. Luttich, MD; A. Martin; J. Mata

LL-CH4562-B12

Lymphoproliferative Lung Disorders: A Radiologic-Pathologic Overview

J. Carrillo, Bogota COLOMBIA; A.L. Rivera; P. Ojeda; M.L. Rosado de Christenson, MD; C.S. Restrepo, MD; M.N. Koss, MD

LL-CH4593-R12

Supraclavicular Triangle in the Thoracic Inlet: A Pictorial Review

R.F. Riascos, MD, Galveston, TX; S. Martinez-Jimenez, MD; C.S. Restrepo, MD; F.C. Guinto, MD; A. Oto, MD; T.K. Nishino, PhD; et al

LL-GI2797

Functional MR Cholangiography with Contrast-enhanced Magnetic Resonance Cholangiography: A New Noninvasive Method to Assess Functional and Morphological Abnormalities of the Gallbladder and Biliary Tree

V. Laurent, MD, Vandoeuvre les Nancy FRANCE; C. Barbary; S. Corby, MD; E. Kermarrec, MD; S. Beot, MD; D.M. Regent, MD

LL-GI2799

Hilar Cholangiocarcinoma: The Importance of Multidetector-Row CT (MDCT) with Multiplanar Reconstruction (MPR) in the Preoperative Evaluation of Vascular Encasement and Longitudinal Extension along the Bile Duct

T. Okamoto, MD, Sendai JAPAN; A. Sato, MD; T. Yamada, MD, PhD; T. Matsushashi, MD, PhD; S. Higano, MD, PhD; S. Takahashi, MD

LL-GI2808

Biomarkers in Imaging for Monitoring Treatment Response of Liver Tumors: Current and Evolving Concepts

N. Holalkere, MD, Boston, MA; D.V. Sahani, MD; M.A. Blake, MBBS; P.F. Hahn, MD, PhD; P.R. Mueller, MD

LL-GI2839-R11

An MRI Primer and Quiz of Rectal Cancer Staging

D.G. Sheppard, MBBS, Galway IRELAND; C.P. Meehan, MBBS; D.G. Lohan, MBBS; G.J. O'Sullivan, MBBS; C. Roche, MBBS; P.A. McCarthy, MD

LL-GI3245

Autoimmune Pancreatitis (AIP): Pancreatic and Extra-Pancreatic Findings on CT and MR

N. Takahashi, MD, Rochester, MN; J.G. Fletcher, MD; J.L. Fidler, MD; D.M. Hough, MD; A. Kawashima, MD; S.T. Chari, MD; et al

LL-GI3283

Spectrum of Biliary and Nonbiliary Complications Following Laparoscopic Cholecystectomy: An Illustrative Review of Radiologic Findings

J. Kim, MD, Seoul KOREA, REPUBLIC OF; K. Kim, MD; M. Kim, MD; H. Won, MD; J. Byun, MD; Y. Shin, MD; et al

LL-GI3298

CT Colonography Reporting and Data System (C-RADS): A Structured Consensus Approach to CT Colonography Interpretation and Reporting

M.E. Zalis, MD, Boston, MA; A.E. Samir, MBBS; M.A. Barish, MD; J.R. Choi, MD; A.H. Dachman, MD; H.M. Fenlon, MBBS; et al

LL-IN2590

Data Warehousing in Radiology: Integrating Radiologic and Pathologic Data within a Single Searchable Resource

D.L. Rubin, MD, MS, Stanford, CA; T.S. Desser, MD

LL-IN3097-D

Web-based Curriculum with Objective Competency Testing for Radiology Residents: "What You Must Be Able to Recognize When You Begin Taking ER Call"

M.S. Frank, MD, Indianapolis, IN; J. Steele

LL-MI5404-R

Nanotechnology Development and Utilization for Imaging and Image-guided Cancer Therapies: A Primer for Diagnostic and Interventional Radiologists

W.L. Monsky, MD, PhD, Sacramento, CA; D.S. Vien, MD; D.P. Link, MD

LL-MK4850-H11

Cyclops Lesions Occurring in the Absence of Prior Anterior Cruciate Ligament Reconstruction

B.R. Runyan, Jacksonville, FL; L.W. Bancroft, MD; C. Ortiguera, MD; J.J. Peterson, MD; M.J. Kransdorf, MD; T.H. Berquist, MD

LL-MK4879-D12

Athletic Pubalgia and the "Sports Hernia": Optimal MR Imaging of the Pubic Symphysis Region and Pictorial Review of MR Technique and Findings

I.M. Omar, MD, Philadelphia, PA; E.C. Kavanagh, MD; G. Koulouris, MD; D. Bergin, MD; A.G. Gopez, MD; W.B. Morrison, MD; et al

LL-MK4886

Shoulder MRI: What the Orthopedic Surgeon Wants to Know

R.D. Hollstein, MD, Los Angeles, CA; L. Tamyian, MD; S. Hulse, MD; J.M. Itamura, MD; D.H. Kim, MD

LL-MK4906

State-of-the-Art Management of Osteoid Osteoma: Diagnostic Imaging and Image-guided Ablation

T. Moser, MD, Strasbourg FRANCE; X. Buy, MD; J. Dosch; J. Dietemann, MD; J. Clavert; A. Gangi, MD, PhD

LL-MK5245-B

Emergency Joint Aspiration: A Guide for Radiologists On-Call

Y. Wu, MD, Los Angeles, CA; T.J. Learch, MD; H.M. Lin, MD

LL-MK5262

MR Imaging of Entrapment Neuropathies of the Lower Extremity

C.F. Cavalcanti, MD, New York, NY; Z.S. Rosenberg, MD; M.E. Schweitzer, MD

LL-NM3140

Web-based Tutorial on Clinical PET/CT and Reimbursement with Self Assessment Module

J.S. Edmunds, MD, PhD, Charlottesville, VA; R.R. Bowman, MD; P.K. Rehm, MD; H.K. Ahmed, MD; A.K. Agarwal; S.B. Gay, MD; et al

LL-NR4682

The Cranial Vault: What the General Radiologist Needs to Know? A Pictorial Review

S. Medrano, MD, Granollers SPAIN; A. Marin, MD; L. Berrocal, MD; M. Cuadrado, MD; S. Carbó, MD; X. Pruna; et al

LL-NR4716

Recent Advances in the Cytogenetics and the Molecular Biology of the Phakomatoses: Implications on Diagnosis and Management

P. Vibhute, MD, San Antonio, TX; C. Bazan, MD; G.M. Fatterpekar, MBBS; M.M. Shroff, MD; S.R. Prasad, MD; T.P. Naidich, MD; et al

LL-NR4737

Reducing the Gray Zone: Imaging Spectrum of Hypoperfusion and Hypoxic Brain Injury in Adults

A.S. Vagal, MD, Cincinnati, OH; M.J. Moore, MD; W.M. Strub, MD; J.L. Leach, MD

LL-NR4758

All That Glitters Is Not Gold: Pitfalls in PET/CT Scanning of the Extracranial Head and Neck

A.S. Khorsandi, MD, New York, NY; P. Kang, MD; J.E. Silberzweig, MD; M. Ghesani, MD; V. Maccarrone, MD; R.A. Holliday, MD

LL-NR5140

Interactive Atlas of Cerebral Vasculature

W.L. Nowinski, DSc, PhD, Singapore SINGAPORE; A. Thirunavuukarasuu; I. Volkau, PhD; V.M. Runge, MD; N. Salamon-Murayama, MD; G. Salamon, MD; et al

LL-OB2666

Fetal Ultrasound of Congenital CNS Malformations with Fetal and Post-Natal MR Imaging Correlation

C.D. Furtado, MD, San Diego, CA; L. Romine, MD; R.B. Dietrich, MBBS; D.H. Pretorius, MD

LL-OB3197

Leiomyomas beyond the Uterus: Unusual Locations, Rare Manifestations, and Imaging Spectrum

N. Fasih Jr, MBBS, Ottawa CANADA; D.B. Macdonald, MD; M.A. Fraser-Hill, MD; D. Papadatos, MD; J.C. Clarke, MD

LL-OB3209-D

Ultrasound and MR Imaging Evaluation of Fetal Ventriculomegaly: Examples and Associated Findings That Confer a Worse Prognosis

M.J. Gerlach, MD, Boston, MA; M. Kataoka, MD; J. Kazan-Tannus, MD, PhD; D. Levine, MD

LL-PD4512-B06

Radiology of Lysosomal Storage Disorder

S.G. Kanekar, MD, Hershey, PA; B. Parameswaran, MD, FRCR; P.A. Barry-Lane, MD, PhD; R.T. Sivarajah, MD

LL-PH4804

Fat Suppression in MR Imaging: Techniques and Clinical Applications

S. Dias, MD, Porto PORTUGAL; C.M. Pina-Vaz, MD

LL-PH5160

Dual-Source Computed Tomography: How Does It Work and What Can It Do?

M.R. Bruesewitz, RT(R), Rochester, MN; C.H. McCollough, PhD; H. Bruder, PhD; B. Schmidt, PhD; R. Raupach, PhD; T.G. Flohr, PhD

LL-R04907-H11

Nodal Topography and Vascular Anatomy for the Radiotherapy Treatment Planning of Pelvic Malignancies: A Three-dimensional Radiotherapy Treatment Planning Atlas Based Upon the Visible Human Male and Female Datasets

R. Dinniwel, MD, Hamilton CANADA; P. Chan, MBBS; N. Haider; A. Fyles; M.A. Haider, MD; M.F. Milosevic, MD

LL-R04908

Anatomical Cervical CT Atlas for Radiotherapy: A Teaching Model of Lymph Node Levels for Head and Neck Cancer Treatment

B. Asenjo, MD, PhD, Malaga SPAIN; P. Moreno, MD; J. Gomez; J. Medina; A. Sacchetti

LL-R05301

Interactive Guide to Imaging in Clinical Oncology

C. Chelle, MD, G.A. Hottya, MD, Miami Beach, FL

LL-UR2695

Normal and Abnormal Appearances of the Bladder at CT Urography: Differentiating Benign from Malignant

C.A. Sadow, MD, Boston, MA; M.A. Barish, MD; S.G. Silverman, MD

LL-UR2702-L12

MR Urography: Techniques and Clinical Applications

J.R. Leyendecker, MD; C.E. Barnes, MD; P. Clark, MD; S. Hodges, MD R.J. Zagarra, MD, Winston-Salem, NC

LL-UR3224-B

Imaging of Lesions of the Renal Medulla and Sinus

P. Nikolaidis, MD, Chicago, IL; H. Gabriel, MD; M. Brusco; N. Hammond; V. Yaghamai, MD; D.D. Casalino, MD; et al

LL-VI2501

Endoleaks after Endovascular Repair of Aortic Aneurysms: A Review of the Classification, Diagnosis, and Management

G. Khatri, MD, Bellerose, NY; A. Newatia; N. D'Ambrosio, MD; I. Lobko; D.N. Siegel, MD

LL-VI2531

Paradigm Shift of Ultrasound from Diagnosis to Therapy: Overview of High-Intensity Focused Ultrasound Therapy for Radiologists

Y. Kim, MD, Seoul KOREA, REPUBLIC OF; H. Rhim, MD; H. Lim

LL-VI2558

Tips and Traps in Transcatheter Arterial Chemoembolization for Liver Tumors: What You Should Know before You Get Started

T. Watadani, MD, Bunkyo-ku JAPAN; M. Akahane, MD; S. Ino; H. Sasaki; N. Kato, MD; K. Ohtomo, MD

LL-VI3014

Image-guided Tumor Ablation: Tutorial Review for Standardization

T. Kang, MD, Seoul KOREA, REPUBLIC OF; H. Rhim, MD; Y. Kim, MD; H. Lim

CERTIFICATE OF MERIT

LL-BR4815

Complex Breast Masses: Imaging-Pathologic Correlation and Diagnostic Approach

D.J. Doshi, MD, Holyoke, MA; D.E. March, MD; G.M. Crisi, MD, PhD; B.F. Coughlin, MD

LL-BR5193

Columnar Cell Lesions of the Breast: Mammographic and Histopathologic Correlation

S. Pandey, BS, Richmond, VA; M. Kornstein; D. Lane, MD; W. Shank; E. Shaw de Paredes, MD

LL-BR5195

Radiology in Breast Disorders Related to Pregnancy and Lactation

J. Sabate, Barcelona SPAIN; M. Clotet; N. Cañete; D. Martins-Romão, MD; E. Lerma; S. Torrubia

LL-BR5207

Ultrasound-guided 14G Core Needle Biopsy of Axillary Lymph Nodes in Patients with Breast Cancer

H. Abe, MD, Chicago, IL; R.A. Schmidt, MD; C.A. Sennett, MD; A. Shimauchi, MD; G.M. Newstead, MD

LL-BR5208

Multifocal Filling Defects on Galactography with Pathologic Correlation

S. Bae, MD, Seoul KOREA, REPUBLIC OF; B. Han, MD

LL-BR5214

Ductography versus MR Ductography: Can MR Ductography Replace Ductography as a Diagnostic Method for Patients with Nipple Discharge?

M. Hirose, MD, Tokyo JAPAN; H. Nobusawa; T. Gokan, MD

LL-BR5219

Changes in CAD-detected Patterns of IntraleSIONAL Enhancement in Breast Cancer Following Chemotherapy

T. Bolek, MD, Cleveland, OH; J.J. Listinsky, MD, PhD

LL-CA4612

What Interventional Cardiologists Want to Know before and after Arrhythmia Ablation: Physiological Background, Current Techniques of IVR, and MDCT Imaging

A. Ichinose, MD, PhD, Sendai JAPAN; K. Takase, MD; K. Kumagai, MD, PhD; S. Higano, MD, PhD; H. Shimokawa, MD, PhD; S. Takahashi, MD

LL-CA4617

A Pictorial Review of Coronary Artery Anatomy: Normal Variants and Anomalies as Demonstrated on State-of-the-Art 64 Slice MDCT Coronary Angiography

S. Hussain, FRCR, MRCSEd, Reading UNITED KINGDOM; E.D. Nicol, MBBS; S.P. Padley, MBBS

LL-CA4636

A Decade of Coronary CT Imaging: Evolution from EBT to Dual Source CT—Impact on Workflow, Patient Preparation, Scan Protocols, and Image Quality

M.L. Dijkshoorn, Rotterdam NETHERLANDS; F. Pugliese, MD; N.R. Mollet, MD, PhD; F. Cademartiri, MD, PhD; K. Nieman, MD; G.P. Krestin, MD, PhD

LL-CA4638

Imaging of Transposition of the Great Arteries Complex in Adults

R.R. Saket, MD, San Diego, CA; P. Stark, MD; H.E. Stark, MD, PhD

LL-CA4644

No-Reflow Phenomenon: Diagnosis and Clinical Implications

V. Pineda-Sanchez, Barcelona SPAIN; R. Dominguez-Oroz, MD; X. Merino-Casabiel, MD; S. Gispert, MD; J. Figueras

LL-CA4648

Multidetector-row CT Presentation of Ischemic Heart Disease: Focused on Two-phase Myocardial Enhancement Pattern and Complications of Myocardial Infarction

S. Ko, Daegu KOREA, REPUBLIC OF; M. Kim

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LL-CA4651-B01

The Ambiguous Pulmonary Venotri-atrial Junction: A New Perspective

G.P. Konin, MD; V.R. Jain, MD; J.D. Fisher, MD L.B. Haramati, MD, Bronx, NY

LL-CA4662

The Spectrum of Aneurysms of the Heart and Their Appearance in ECG-gated 64-Detector Row Computed Tomography

A.E. Lembcke, MD, Leipzig GERMANY; C.N. Enzweiler, MD; M. Dewey, MD; P.A. Hein, MD; B.K. Hamm, MD; D.E. Kivelitz, MD; et al

LL-CA4663

Highly Time-resolved, Contrast-enhanced 3D MRA in Cardiovascular Diseases: Radiological Illustrations with Relevant Correlation to Conventional 3D CE-MRA

M.S. Krishnam, MD L.N. Tran, MD, Los Angeles, CA; R.S. Saleh, MD; M.H. Lee, MD; S.G. Ruehm, MD, PhD; J.P. Finn, MD

LL-CA4665

Optimal Strategy of Stress/Rest Perfusion MRI and Late Enhancement for a Differential Diagnosis and Follow-up of Myocardial Diseases, Based on Our Own Cases as Well as Literary Consideration

Y. Kobayashi, MD, Kawasaki JAPAN; T. Yasu, MD; Y. Ogawa; Y. Nakajima, MD; O. Tanaka, MD; K. Teraoka; et al

LL-CA5070-R

Cardiac and Coronary CTA: An Interactive Atlas

O. Ratib, MD, PhD, Geneva SWITZERLAND; S.G. Ruehm, MD, PhD; D. Didier, MD

LL-CH4543

Bronchiolitis: Classification, CT and Histopathologic Findings, and Radiologic Approach

E. Kang, MD, Seoul KOREA, REPUBLIC OF; H. Yong, MD; O. Woo, MD; B. Shin, MD; Y. Oh, MD; H. Kim, MD, PhD

LL-CH4553-L12

Centrilobular Opacities on High-Resolution CT: Review of Imaging Findings with Emphasis on Differential Diagnosis

D. Primakov, MD, Manhasset, NY; D. Rakita, MD; S. Bhalla, MD; D.L. Reede, MD; R.D. Shah, MD

LL-CH4559

Dye Another Day: Cardiovascular Findings on Noncontrast Chest CT

A.S. Vagal, MD, Cincinnati, OH; D.C. Strollo, MD; M.D. Gilman, MD; R.T. Shipley; C.A. Meyer, MD

LL-CH4563

Imaging Manifestations of Castleman's Disease

R. Madan, MD, Boston, MA; B. Trotman-Dickenson, MBBS; F.L. Jacobson, MD, MPH; R.R. Gill, MBBS; S.G. Silverman, MD; A.R. Hunsaker, MD

LL-CH4573

The Many Faces of Lipoid Pneumonia

S.L. Betancourt, MD, Bogota COLOMBIA; S. Martinez-Jimenez, MD; S.E. Rossi, MD; H.P. McAdams, MD; J. Carrillo

LL-CH4574

Respiratory Viral Pneumonia in Hematopoietic Stem Cell Transplant Recipients: High Resolution CT Findings with Pathologic Correlation

A. Gimenez, MD, Barcelona SPAIN; T. Franquet, MD; A. Hidalgo, MD; D. Martins-Romêo, MD; N. Cañete; R. Martino

LL-CH4590

MDCT of Primary and Metastatic Tumors of the Pulmonary Vasculature

R.F. Gerson, MD, Burlington, VT; J.S. Klein, MD

LL-CH4598

Systemic to Pulmonary Venous Shunts: Imaging Findings and Clinical Presentations

E.M. Nyberg, Cleveland, OH; R.C. Gilkeson, MD; P.B. Sachs, MD

LL-CH4607

Spectrum of Imaging Findings in Chronic Pulmonary Embolism

A. Newatia, New Hyde Park, NY; G. Khatri, MD; S. Shkurovich; R.D. Shah, MD; A. Khan, MD

LL-CH4609

Sixty-Four-MDCT for the Evaluation of Adult Lung-only Transplant Recipients: A Pictorial Review

S. Caruso, MD A. Luca, MD, Palermo ITALY; G. Mamone, MD; G. Marrone, MD; R. Miraglia, MD; L. Maruzzelli, MD; et al

LL-CH5046

Surgical Planning in Patients with Lung Cancer: The Role of Three-dimensional Imaging Using Multi-detector CT

K. Park, MD, Suwon KOREA, REPUBLIC OF; J. Sun, MD

LL-CH5056

The Utility and Pitfalls of Lung Cancer Screening Using MDCT

M. Matsusako, MD, Tokyo JAPAN; K. Oikado, MD; Y. Okajima, MD; T. Nohara, RT; F. Kinoshita, MD; Y. Saida, MD

LL-ER4940

Color Flow Doppler Evaluation of Testicular Torsion and Its Pitfalls

C. Sides, MD, Rochester, NY; S. Bhatt, MBBS; D.J. Rubens, MD; V.S. Dogra, MD

LL-ER4948-L03

MDCT Findings, Grading, and Management of Renal Injuries Sustained During Blunt Abdominal Trauma

G.P. Sangster, MD, Shreveport, LA; V.E. Prieto Ventura, MD; A.I. Carbo, MD; M.G. Heldmann, MD; M.P. Reddy, MD; H.B. D'Agostino, MD

LL-ER5332

Emergency Room CT Evaluation of Aortic Aneurysm Stent Graft Repair for the Noninvasive Imager: What You Need to Know

T.J. Vrtiska, MD, Rochester, MN; M.A. McKusick, MD

LL-GI2726

Abdominal Imaging at 3T System: Comparative Review with 1.5T System

M. Kim, MD, PhD, Seoul KOREA, REPUBLIC OF; Y. Chung, MD; J. Choi; K. Kim, MD; H.S. Yoo, MD, PhD; J. Lee, MD, PhD

LL-GI2731

Imaging of Internal Hernia of the Abdomen in Multidetector CT Era

N. Hongo, Oita JAPAN; H. Mori, MD; S. Matsumoto, MD; Y. Takaji; R. Shuto, MD

LL-GI2732

Uncommon, Atypical, and Rare Presentations of Appendicitis on CT

D.S. Katz, MD, Mineola, NY; J.P. Fantauzzi; J.J. Hines, MD; J.P. Mazzie, DO; E.M. Meiner, MD; S. Weston, MD

LL-GI2733

MR Evaluation of Fat within the Liver: Tips and Tricks

O. Bruno, MD, Clichy FRANCE; G. Brancatelli, MD; A. Hakime, MD; S.C. Precetti Morel, MD; M. Vuillierme, MD; V. Vilgrain, MD

LL-GI2735

The Value of CT in Evaluation of Complications of Common Gastrointestinal Endoscopic Procedures

R.A. Burke D. Primakov, MD, Manhasset, NY; D. Rakita, MD; V.J. Scarmato, MD

LL-GI2743

Flat Colorectal Neoplasms: Definition, Importance, and Visualization with CT Colonography

S. Park, MD, Seoul KOREA, REPUBLIC OF; S. Lee, MD; E. Choi; S. Kim, MD; H. Ha, MD

LL-GI2769

Hepatic Capsular Retraction Due to Various Causes: Comprehensive Review and Histopathologic Correlation

Y. Choi, MD J. Byun, MD, Seoul KOREA, REPUBLIC OF; K. Kim, MD; H. Won, MD; Y. Shin, MD; P. Kim, MD

LL-GI2780

Preoperative Evaluation of Living-Related Liver Donors: Experience and Findings Using 64-slice MDCT—Experience in 40 Cases

S.A. Shock, MD, New York, NY; E. Hecht, MD; B. Taouli, MD; G. Morgan; L. Teperman, MD; A.J. Megibow, MD, MPH, FACR

LL-GI2784-D11

A Pattern-based Algorithmic Approach to Characterize Pancreatic Neoplasms on CT and MRI

S.R. Prasad, MD, San Antonio, TX; N. Sainani; V. Deshpande; V. Surabhi, MD; K.N. Chintapalli, MD; D.V. Sahani, MD

LL-GI2795

Cholangiopathy Related to Portal Cavernoma: MRCP and MR-Portography Imaging Features

C. De Juan, MD, Barcelona SPAIN; M. Pages, MD; J.C. Garcia-Pagan; S. Rodriguez, MD; J.R. Ayuso; C. Ayuso Colella

LL-GI2807

Complications and Tips of Radiofrequency Ablation in Hepatic Tumors Using Cool-Tip Needle: Five-year Experience in Asan Medical Center

H. Kwon, Seoul KOREA, REPUBLIC OF; P. Kim, MD; H. Won, MD; Y. Shin, MD; M. Lee, MD

LL-GI2813

Imaging Features of Aorto-enteric Fistula

Q.D. Vu, MD, Saint Louis, MO; L. Wang, MD; C.O. Menias, MD; C.M. Peterson, MD; B. Gratz, MD; D.M. Balfé, MD

LL-GI2816

Hereditary Haemorrhagic Telangiectasia Involving the Liver: Appearances, Complications, and Treatments

M.D. Goodwin, BMBS, Melbourne AUSTRALIA; P. Wardle, MBChB; J. Koukounaras, BMBS; L. Yap, MBBS; A. Schelleman

LL-GI2826-L12

Multimodality Imaging of Gastrointestinal Stromal Tumors (GIST): Case Examples Demonstrating Tumor Characteristics and Common Pitfalls in Interpretation

S.N. Shah, MD, Broadview Heights, OH; A. Chimpiri, FRCR; A. Smith, MD

LL-GI2829

Gastrointestinal Ultrasound for Residents: An Interactive Tutorial Using Realtime Video

J. Jagdish, MBBS, MRCPC L. Hon, MBBS, Sheffield UNITED KINGDOM; R. Peck, MBBS

LL-GI2838

Curved Planar Reformations for Multidetector Row CT Studies of Abdomen and Pelvis: Spectrum of Clinical Applications

S. Namasivayam, MD, Atlanta, GA; M.K. Kalra, MD; A. Chamsuddine, MD; W.C. Small, MD, PhD; S.P. Kalva, MD; D.V. Sahani, MD

LL-GI2843

A to Z of 3-D Postprocessing Techniques in Gastrointestinal Tract

S. Sebastian, MD, Decatur, GA; M.K. Kalra, MD; M. Turner; W.E. Torres, MD; W.C. Small, MD, PhD

LL-GI2848

Three-dimensional Multidetector CT (3-D MDCT) of External and Internal Hernias of the Abdomen

A. Mahfouz, MD, Doha QATAR; H. Sherif, MD

LL-GI3242

MDCT during Neoadjuvant Combined Therapy for Pancreatic Adenocarcinoma

D.E. Morgan, MD, Birmingham, AL; C.L. Canon, MD; J. Posey III, MD; S. Vickers, MD; M.E. Lockhart, MD, MPH

LL-GI3269

Crohn Disease: New Concepts in Investigation and Treatment

K. Sandrasegaran, MD, Indianapolis, IN; D.D. Maglinte, MD; M.V. Chiorean; J.C. Lappas, MD

LL-GI3280

Ampulla of Vater: Comprehensive Anatomy, MR Imaging of Pathologic Conditions, and Correlation with Endoscopy

S. Kim, MD, Pusan KOREA, REPUBLIC OF; J. Lee, MD; S. Lee; D. Kang; G. Kim; S. Woo

LL-GI3296

Imaging Evaluation of Suspected Complications Resulting from Optical Colonoscopy

D.H. Kim, MD, Madison, WI; P.J. Pickhardt, MD; A.J. Taylor, MD; C.O. Menias, MD

LL-GI3297

CT Colonography for Detection and Characterization of Suspected Submucosal Lesions

P.J. Pickhardt, MD, Madison, WI; D.H. Kim, MD; A.J. Taylor, MD; D. Gopal, MD; C. Heise

LL-GI3299-D

Gastrointestinal Lymphoma: Beyond the Exoenteric Mass

C.M. Peterson, MD, Saint Louis, MO; C.O. Menias, MD; G.Y. Cheung; A.K. Hara, MD; P.J. Pickhardt, MD; D.M. Balfé, MD

LL-GI3301

Abdominal Diffusion-weighted Imaging and ADC Measurements: Current Status, Pitfalls, and Limitations

T. Yoshikawa, MD, Kobe JAPAN; H. Kawamitsu, MD; D.G. Mitchell, MD; Y. Ohno, MD, PhD; M. Fujii, MD; K. Sugimura, MD

LL-GI3325

Hepatic Capsular and Subcapsular Pathologic Conditions: CT and MR Demonstrations

J. Lee, MD, Busan KOREA, REPUBLIC OF; S. Kim, MD; S. Kwak; S. Lee

LL-GI3326

Steady-State Free Precession: Applications in Abdominal MR Imaging

A.C. Silva, MD, Scottsdale, AZ; K.J. Burkholz; A.K. Hara, MD; J.F. Glockner, MD, PhD

LL-GI3329

Nontumorous Arterioportal Shunts in the Cirrhotic Liver: CT Findings Considering Mechanisms and Fate

J. Ahn, Seoul KOREA, REPUBLIC OF; J. Yu; S. Hwang; J. Chung, MD, PhD; J. Kim; K. Kim, MD

LL-GI3335

Abdominal Compartment Syndrome

K. Sandrasegaran, MD, Indianapolis, IN; C.G. Lall, MD; A. Patel, MD; D.D. Maglinte, MD

LL-GI3340-B

CT Imaging Features of Cecal Volvulus

M.G. Lubner, MD, Saint Louis, MO; C.O. Menias, MD; C.M. Peterson, MD; L. Wang, MD; A.K. Hara, MD; S. Bhalla, MD; et al

LL-IN2585

Knowledge Container RAD: A User Interface for Self-paced Explorative and Tutor-based Learning of Radiological Knowledge

J. Weidemann, MD, Hannover GERMANY; G. Diekhaus; C. Schlorhauser; M. Galanski, MD

LL-IN2588

RADartifacts: An Image Gallery of Artifact Related Problems in Radiology and a Computer-aided Approach to Help You Solve Them

L.M. Prevedello, MD, Brookline, MA; K.P. Andriole, PhD; R. Khorasani, MD

LL-IN2595

Development of a Centralized Service for Standardized Tumor Measurements at a Multi-Institutional Collaborative Cancer Center

G. Harris, PhD; M.A. Barish, MD; A.D. Van Den Abbeele, MD V. Sahai, MBBS, Boston, MA; T. Urban; W.B. Hanlon, MS; et al

LL-IN2600

Steering Radiology onto the Information Superhighway: A Primer on the Semantic Web

D.L. Rubin, MD, MS, Stanford, CA

LL-IN2601-D04

Introduction to Ergonomic Software Design Standards

D.W. Piraino, MD, Cleveland, OH; L. Lannum

LL-IN3046

Lightweight MIRC Authoring: Tools for Rapidly Creating Simple MIRC Documents

S. Severance, Baltimore, MD; K.M. Siddiqui, MD; P.A. Vandermeer, MD; W.W. Boonn, MD; W. Kim, MD; A.E. Flanders, MD; et al

LL-IN3060

Advanced CAD System Based on 3D Massive-training Artificial Neural Network (MTANN) for Detection and Classification of Lung Nodules in CT

K. Suzuki, PhD, Chicago, IL; F. Li, MD, PhD; R. Engelmann, MS; H. MacMahon, MD; K. Doi, PhD

LL-IN3061

Temporal Subtraction Images in Successive Whole-Body Bone Scans: Improvement of Radiologists' Performance in the Detection of Interval Changes

J. Shiraishi, PhD, Chicago, IL; D.E. Appelbaum, MD; Y. Pu, MD, PhD; Q. Li, PhD; K. Doi, PhD

LL-IN3065

ColonChecker 2007: CAD Workstation for Detection of Polyps in Laxative-free CT Colonography

H. Yoshida, PhD, Boston, MA; J.J. Nappi, PhD; W. Cai, PhD; M.E. Zalis, MD; P. Lefere, MD; D.E. Regge, MD

LL-IN3066

Performance Evaluation of a Computer-aided Diagnostic System for Detection of Intracranial Aneurysms in MR Angiography with Different Databases

H. Arimura, PhD, Fukuoka JAPAN; T. Hirai, MD; Y. Korogi, MD; Y. Yamashita, MD; K. Tsuchiya, MD; K. Doi, PhD; et al

LL-IN3071

A CAD System for Stroke MR and CT

W.L. Nowinski, DSc, PhD, Singapore SINGAPORE; G. Qian, MS; B. Prakash, PhD; I. Volkau, PhD; M. Bilello, MD, PhD; N.J. Beauchamp, MD, MHS; et al

LL-IN3086

The Evolving Role of the Internet as an Educational Resource for Physicians

P.T. Johnson, MD, Baltimore, MD; M.R. Rowell, MS; J. Eng, MD; J.C. Scatarige, MD; E.K. Fishman, MD

LL-IN3101

In-situ Visualization of Ultrasound Images Using Head Mounted Display

K. Miki, MD, PhD, Tokyo JAPAN; O. Arai; T. Mitake

LL-IN3104

A Data Grid for Imaging-based Clinical Trials

Z. Zhou, PhD, Marina Del Rey, CA; B.J. Liu, PhD; H.K. Huang, DSc; M.S. Brown, PhD; J. Documet; D. Liou, PhD; et al

LL-IN3113

Development of Radiopaque Contrast Study Evidence Creator

K. Muto, MS, Y. Emoto, MD, Toyooka JAPAN; M. Goto; S. Nemoto; K. Nagasaka; K. Katada, MD; et al

LL-IN3118

DICOMReader: The Global Reading Solution

A. Bischof, MD, Rostock GERMANY; M.T. Jensen, MD; J.E. Blietz, MD; M. Honnicke, MD; T.K. Helmlinger, MD

LL-IN3121

Cross Enterprise Document Sharing for Imaging (XDS-I) Architecture in Wide Area PACS: The O3 Solution

LL-IN3128

Open Standards for Radiology RHIOs: IHE XDS-I and the Philadelphia Health Information Exchange
J. Murray, MS, Philadelphia, PA; E.D. Menschik, MD, PhD; A. Goldszal, PhD; P.G. Nagy, PhD; A.E. Flanders, MD; C.P. Langlotz, MD, PhD; et al

LL-MI4953

Detection of Lymph Node Metastasis: Finding a Trojan Horse
A.S. Katkar, MBBS, MD, Boston, MA; M. Braschi, MD; E. Ventura, MD; P.F. Hahn, MD, PhD; P.R. Mueller, MD; P. Wunderbaldinger, MD

LL-MI4955

Paramagnetic Labeling of Cells for Visualization by MR Imaging: Important Issues to Consider
M.R. Bernsen, PhD, Rotterdam NETHERLANDS; S.T. Van Tiel, BS; P.A. Wielopolski, PhD; G.P. Krestin, MD, PhD

LL-MI5403

Out of Breath and Out of Control: An Update on the Central Role of Hypoxia in Oncogenesis and Implications on Diagnosis and Management
V. Surabhi, MD, San Antonio, TX; S.R. Prasad, MD; P. Vibhute, MD; G.M. Fatterpekar, MBBS; P.L. Choyke, MD; P.M. Som, MD; et al

LL-MK4840

Sonography of the Hand and Wrist: A Comprehensive Review
N. Dahiya, MD, Saint Louis, MO; S.A. Teeffey, MD; W.D. Middleton, MD; M.I. Boyer, MD

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MDCT Arthrography of the Wrist Joint: How to Do It?

T. Moser, MD, Strasbourg FRANCE; J. Dosch; A. Moussaoui; X. Buy, MD; J. Dietemann, MD; A. Gangi, MD, PhD

LL-MK4855

Imaging of Blount Disease with Emphasis on MR Findings

M.K. Patel, MD, Detroit, MI; J.G. Craig, MD; G.M. Koshy, MD

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US Examination of Traumatic Tendon Lesions: Practical Manoeuvres to Improve Diagnosis
G. Azulay, Buenos Aires ARGENTINA; P. Omoumi, MD; A. Rolón; L. Brunereau

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The Ribs: Imaging Features and Patient Management

B.D. Levine, MD, Los Angeles, CA; K. Motamedi, MD; K. Chow, MD; R.H. Gold, MD; L.L. Seeger, MD

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Accessory Muscles: Anatomy and Symptoms

P.A. Sookur, MBBS, London UNITED KINGDOM; T. Suaris, MBBS; T. Iyngkaran, MBChB; R. Jalan, MBBS; O. Chan, MD; A.M. Naraghi, MBBS

LL-MK4873-D11

Volumetric Imaging in Flat Panel Fluoroscopic Systems: Moving MSK Procedures from the CT Scanner to the Fluoroscopy Suite

E. Nelson, MD, Boston, MA; T. Lawrimore, MD; S.V. Kattapuram, MD; W.E. Palmer, MD

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Secondary Chondrosarcomas: Spectrum of Imaging Findings with Pathologic Correlation

N. Cañete, Barcelona SPAIN; J. Llauger, MD; D. Martins-Romêo, MD; J. Palmer, MD; R. Guerrero; S. Valverde

LL-MK4897

Tumors and Tumor-like Lesions of the Scapula and Periscapular Region

J. Llauger, MD, Barcelona SPAIN; J. Palmer, MD; N. Cañete; S. Bagué; S. Valverde; D. Martins-Romêo, MD

LL-MK4904-R11

Mimickers of Bone Metastases at Whole Body MR Imaging: Clues to the Differential Diagnosis

S.L. Moore, MD, New York, NY; S.J. Eustace, MD; S.M. Ford, MBChB; M.E. Schweitzer, MD

LL-MK5235

Understanding Hallux Valgus: What the Surgeon Wants to Know from the Plain Radiograph

S.A. Chhaya, MBBS, San Antonio, TX; M. Brawner; N.C. Chhaya, MBBS; G.M. Garcia, MD; R.A. Loreda, MD

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MR Imaging Findings in Sinus Tarsi Syndrome with Surgical Correlation.

R.P. McKellar, MBChB, Melbourne AUSTRALIA; F.A. Malara, MBBS

LL-MK5240-H

Shoulder Impingement Syndromes

D. Primakov, MD, Manhasset, NY; R. Baltazar; T.T. Miller, MD; J. Beltran, MD

LL-MK5241-L

Imaging of the Rotator Cable

Y. Morag, MD, Ann Arbor, MI; D.A. Jamadar, MBBS; J.A. Jacobson, MD; M. Kalume-Brigido; G. Girish, MBBS; B. Miller

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Arthrocentesis and Arthrography in Joint Arthroplasty

T.J. Learch, MD, Los Angeles, CA; R.B. Shrestha, MD; D.H. Kim, MD; D. Oakes

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MR Imaging of Cartilage Repair in the Knee and Ankle

Y. Choi, MD, PhD, Seoul KOREA, REPUBLIC OF; H.G. Potter, MD; T. Chun

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Chondroblastoma: Imaging Findings with Pathologic Correlation and Differential Diagnosis

J. Llauger, MD, Barcelona SPAIN; J. Palmer, MD; S. Bagué; S. Valverde; N. Cañete; D. Martins-Romêo, MD

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Anatomic and Functional Imaging of Phosphaturic Lesions in Oncogenic Osteomalacia

B.D. Nguyen, MD, Scottsdale, AZ; C.J. Ingui, MD; M.C. Roarke, MD; B.P. Mullan, MD; P.C. Ram, MD

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E.M. Pacheco, MD, Manchester UNITED KINGDOM; J.E. Adams, MD; E.M. Amstalden; M. Etchebehere; N.M. Caserta, MD; V.A. Zanardi; et al

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MR Imaging, CT, and PET in Patients with Cancer of Peritoneum and Abdominal Wall

Y. Komeya, MD, Osaka JAPAN; M. Okada, MD; M. Hosono, MD, PhD; R. Takeuchi, MD; K. Matsumura; T. Murakami, MD, PhD; et al

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Imaging Spectrum of Sickle Cell Disease from Head to Toe

S.G. Kanekar, MD, Hershey, PA; B. Parameswaran, MD, FRCR; T.L. Heimert, MD; P.A. Barry-Lane, MD, PhD

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About all the Things You Wish You Knew about Contrast Material Delivery Systems for CT

S. Namasivayam, MD, Atlanta, GA; M.K. Kalra, MD; P. Waldstein; T.A. Heagy, RT; J. Knipfer; D.V. Sahani, MD

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CT Perfusion in Oncology: Why, When, and How?

U.K. Udayasankar, MD, Atlanta, GA; M.K. Kalra, MD; W.C. Small, MD, PhD; D.V. Sahani, MD

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M. Sanchez, MD, Barcelona SPAIN; R. Vilana; S. Vidal, MD; S. Rodriguez; C. Conill; J. Malveyh

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C.G. Cronin, MBChB, Galway IRELAND; D.G. Lohan, MBChB; S. Persad, MBChB; C. Roche, MBChB; P.A. McCarthy, MD; J. Murphy, MBChB; et al

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P.R. Bhosale, MD, Bellaire, TX; M. Patnana, MD; C. Viswanathan, MD; J. Szklaruk, PhD, MD

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Neoplasms and Non-neoplastic Conditions of the Serosal Membranes Origin: CT Findings

S. Kim, MD, Pusan KOREA, REPUBLIC OF; Y. Jeong, MD; S. Woo, MD; J. Lee, MD; K. Kim, MD

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Spatial Distribution of Sentinel Lymph Nodes Displayed with 3-D Volume-rendering Multimodal Fused Images in Head and Neck Cutaneous Malignant Tumor

H. Fukuoka S. Shiraishi, MD, Kumamoto JAPAN; K. Tashiro; S. Tomiguchi, MD; Y. Yamashita, MD

LL-NM2614

Do Oral and Intravenous Contrast Have a Role in PET-CT Studies of the Abdomen and Pelvis?

S. Sebastian, MD, Decatur, GA; M.K. Kalra, MD; D.M. Schuster, MD; M.L. Blake

LL-NM2619

FDG-PET/CT (Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography) for Planning of Radiation Therapy

P. Kuo, MD, PhD, New Haven, CT; J.B. Weidhaas, MD, PhD

LL-NM2621

Role of Enhanced CT in Hybrid PET/CT for the Detection of non FDG-Avid Abdominal Malignant Tumors and Characterization of Inflammation or Physiologic FDG Hyperactivity

B.D. Daly, MD, Baltimore, MD; O. Aras, MD; B. Line, MD

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Imaging Features of Sarcoidosis on FDG-PET

H. Prabhakar, MD, Boston, MA; W. Lin, MD; F.K. Gibbons; W.J. O'Donnell; J.O. Shepard, MD; S.L. Aquino, MD

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Whole-Brain Volume Diffusion-weighted and Diffusion Tensor Imaging: Technique and Clinical Applications

M. Sasaki, MD, Morioka JAPAN; S. Fujiwara, PhD; Y. Kanbara; T. Inoue, MD; E. Shibata, MD; A. Ogawa, MD; et al

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Neurovascular Applications of Time-Resolved (4D) Magnetic Resonance Angiography (MRA)

N. Kim, MD, Madison, WI; P.A. Turski, MD; F.R. Korosec, MD; C.A. Mistretta, PhD; S. Reeder, MD, PhD; A.S. Turk, DO; et al

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The Good, the Bad, and the Ugly: Pediatric Brain Tumors—Location, Radiologic, and Pathologic Correlation

E. Davis, MD, Avon, CT; A. Rulnick, MD

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S. Rastogi, MD, MS, Los Angeles, CA; C. Lee, MD; N. Salamon-Murayama, MD

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CT Imaging after Laryngectomy

L. Jimenez Juan, Leganes SPAIN; C. Ferreira Arguelles, MD; J.L. Cervera Rodilla; S. Gonzalez Cabestreros; J. Cubero Carralero; J. Abadal, MD

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The Locus Coeruleus: Anatomy, Magnetic Resonance Imaging Technique, and Clinical Applications

E. Shibata, MD, Morioka JAPAN; M. Sasaki, MD; K. Tohyama, DVM; Y. Kanbara; K. Otsuka, MD; A. Sakai, MD; et al

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Susceptibility Weighted Imaging (SWI) of the Brain: Pictorial Review of the Technique, Anatomy, and Pathology

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P. Chang, MD, Los Angeles, CA; N. Salamon-Murayama, MD

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S.G. Kanekar, MD, Hershey, PA; P. Kalapos, MD; J. Yao, MD, PhD

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H. Lee, MD, PhD, Iowa City, IA; W.R. Smoker, MD; S.J. Chung, MD; T. Moritani, MD, PhD; Y. Sato, MD

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Cavernous Sinus: Imaging Anatomy and Various Pathologic Findings

M. Okahara, MD, Beppu JAPAN; H. Kiyosue, MD; H. Mori, MD; Y. Hori, MD; Y. Sagara, MD; S. Tanoue, MD; et al

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N. D'Ambrosio, MD, Staten Island, NY; A. Johnson, MD

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P.H. Takeyama, MD, Rochester, NY; T.A. Larheim, DDS; P.A. Westesson, MD, PhD

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Dynamic HASTE Magnetic Resonance Imaging of the Temporomandibular Joint

E.Y. Wang, MD, New York, NY; T. Mulholland; B.K. Pramanik, MD; A.O. Nusbaum, MD; A. Pavone, DDS

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Vascular Lesions of the Spine

E.C. Hansen, MD, Long Island City, NY; R. Woldenberg, MD

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Doctor! I Have a Crick in My Neck! The Causes and Assessment of Basilar Invagination

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LL-NR5096

Epilepsy: How to Understand It? How to Image It?

P. Pinero Gonzalez, MD, Seville SPAIN; L. Garcia-Camacho; I. Olea-Comas; I. Gutierrez-Jarrin; R. Rodriguez-Romero; C. Monreal-Rodriguez

LL-NR5100

Atherosclerotic Carotid Plaque Imaging with Multidetector Computed Tomography Angiography

T.T. De Weert, MD, Rotterdam NETHERLANDS; M. Ouhlous, MD; P.E. Zondervan; M.R. van Sambeek, MD; D. Dippel; A. Van Der Lugt, MD, PhD

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Introduction to Diagnostic Cerebral Angiography

S.M. Toomay, MD, Dallas, TX; N. Desai, MD; J.S. Stephens, MD; D.P. Chason, MD

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Tips and Tricks in CT Fluoroscopy Spine Interventions

H. Brat, MD, Hornu BELGIUM; T. Bouziane, MD; O. Cappellez, MD

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Comprehensive Diagnostic Evaluation of Temporal Bone Trauma: State of the Arts

L.R. Gentry, MD, Madison, WI; J.T. Bergin, MD; W.R. Smoker, MD; G.M. Pyle, MD

LL-NR5141-R

Diagnostic Evaluation of Head Trauma

R.J. Bruce, MD, Verona, WI; L.R. Gentry, MD; W.R. Smoker, MD; D.L. Reede, MD

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Image-guided Nonvascular Gynecologic Intervention: Practical Guidelines, Procedures, and Results

S. Joo, Seoul KOREA, REPUBLIC OF; S. Kim; J. Cho, MD; D. Jung; H. Lee

LL-OB2671-H03

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H.C. Chang, MD, Rochester, NY; S. Bhatt, MBBS; P.J. Fultz, MD; D.J. Rubens, MD; V.S. Dogra, MD

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Rare Uterine Cancers: Radiologic and Pathologic Correlation

K. Kim, Seoul KOREA, REPUBLIC OF; K. Cho, MD; J. Kim, MD

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Solitary Lesion of the Vulva: Imaging and Pathologic Correlations—Data Collected from 23 Patients with Solitary Vulvar Lesions Who Underwent Imaging At Our Saitama Medical School Will Be Used To Illustrate Imaging Findings

E. Kozawa, MD, Iruma-gun JAPAN; K. Okauchi, MD; J. Tanaka, MD; M. Amanuma, MD; F. Kimura, MD; Y. Shimizu, MD

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Ovarian Vein Thrombosis in the Obstetrical and Non-Obstetrical Patient: Imaging Findings on Ultrasound, CT Scan, and MR Imaging

R.K. Kaza, MD, Ottawa CANADA; M.A. Fraser-Hill, MD

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MR Imaging of the Pelvis at 3.0 Tesla: How to Do It

M. Hori, MD, PhD, Suita JAPAN; T. Kim, MD; T. Murakami, MD, PhD; H. Onishi, MD; T. Ueguchi, MS; H. Nakamura, MD, PhD; et al

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64-MDCT Dose Reduction Strategies: Designing Safe, Optimal Protocols

B.B. Ghoshhajra, MD, MBA, Pittsburgh, PA; M.S. Blackwood, MS; A.Y. Kruger, MD; N.S. Mody, MD; S.E. Repka, MD; H. Beasley, MD

LL-PH4806-D09

Radiobiology: The Basics for the Radiologist

D. Levi, MD, New York, NY; R.D. Shah, MD; M. Mahesh, MS, PhD

LL-PH4807

Radiation: The Good (Hormesis), The Bad (Cancer), The Ugly (Overdose)

S. Sebastian, MD, Decatur, GA; W.C. Small, MD, PhD; M.K. Kalra, MD

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Three-dimensional Ultrasound: Tutorial on Basic Techniques and Applications

N. Dahiya, MD, Saint Louis, MO; S.A. Teefey, MD; W.D. Middleton, MD

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Computer-aided Characterization of Malignant and Benign Breast Clustered Microcalcifications on Serial Mammograms: Early Experience of Its Effects on Radiologists' Performance from an ROC Study

L.M. Hadjiiski, PhD, Ann Arbor, MI; H. Chan, PhD; B. Sahiner, PhD; A.V. Nees, MD; J.E. Bailey, MD; S.K. Patterson, MD; et al

LL-PH5164

Visualization of Cerebral Blood Vessels Using 3-D CT Angiography (3D-CTA) with the Volume-Subtraction Technique and Evaluation of Its Accuracy

M. Ino, RT, Kumamoto JAPAN; J. Urata, MD; T. Sakamoto, RT; A. Taniguchi, RT; K. Anami, MS; A. Ishimoto

LL-PH5166

The BERT, COD, DAP, and Other Strange Creatures

E.L. Nickoloff, DSc, Z. Lu, PhD, New York, NY; A.K. Dutta, MS; J.C. So, MS

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Susceptibility-weighted Magnetic Resonance Imaging: From Basics to Everyday Clinical Applications

K. Suresh, MD, L.A. Concepcion, MD, PhD, Alicante SPAIN

LL-PP4918

Preparing a Case Series for Publication: How to Fulfill Ethical and Regulatory Requirements When Conducting Research with Medical Records Data

H. Mann, MD, Salt Lake City, UT

LL-PP5317

Principles of CT Contrast Medium Injection: Effects of Iodinated Contrast Medium Density and Injection Method on Time-Density Curve

A. Hatcho, RT, Nagano JAPAN; K. Muroga, RT; K. Terasawa, RT

LL-UR2686

Benign Conditions of the Urinary Bladder: Spectrum of Clinical and Radiologic Findings

K. Fujimoto, MD, Kyoto JAPAN; T. Koyama, MD; K. Tamai, MD; N. Morisawa; T. Sagoh, MD; K. Togashi, MD

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Multidetector Computed Tomographic Urography: Image Interpretation Pearls and Pitfalls

E.M. Anderson, FRCR, Oxford UNITED KINGDOM; R.C. Murphy, MBBCh; M.D. Rivers-Bowerman, MSc; N.C. Cowan, MD

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MR Imaging of Non-Malignant Penile Lesions

A.P. Kirkham, MBBCh, London UNITED KINGDOM; C.M. Allen, MBBCh

LL-UR2719

Imaging Findings of Various Tumors in the Retroperitoneum: What Is the Differential Diagnosis?

M. Irisawa, MD, Iruma JAPAN; S. Tsukuda, MD; K. Inoue; E. Kozawa, MD; H. Kayano; M. Shimizu

LL-UR3232-R

Imaging of Male Urethral Stricture Disease with Surgical Correlation

C.M. Peterson, MD, Saint Louis, MO; E.C. Hwang, MD; C.O. Menias, MD; L. Wang, MD; C.L. Siegel, MD; K.M. Elsayes, MD

LL-UR3233

Various Lesions Involving the Iliopsoas Groove

K. Ishigami, MD, Fukuoka JAPAN; K. Yoshimitsu, MD; H. Irie, MD; T. Tajima, MD, PhD; Y. Asayama, MD; H. Honda, MD; et al

LL-UR3234

Contemporary and Emerging Functional Techniques for Adrenal Imaging

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LL-VI2510-R11

Multislice-CT Angiography (MSCT-Angiography) and Three-Dimensional Assessment for Preoperative Planning of Perforators Flaps: Imaging Findings from a Work in Progress

A. Alonso-Burgos, MD, J. Noguera, MD, Pamplona SPAIN; E. de Luis, MD; G. Bastarrrika, MD, PhD; L.J. Pina, MD, PhD; E. Garcia-Tutor, MD, PhD; et al

LL-VI2511

MDCT Angiography in Large Inflammatory Arteritis (LIA): Current Role in Diagnosis and Management

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LL-VI2519

Thoracic Outlet Arterial and Venous Syndromes: What Should Be Expected from Multislice Computed Tomography?

V. Marteau, Paris FRANCE; M. Leyder, MD; C. Laurian, MD; L. Desmottes; M. Zins, MD

LL-VI2526-H11

Spheres or Sound? A Comparison of Uterine Artery Embolization and Focused Ultrasound Surgery for Treatment of Uterine Fibroids

A. Suzuki, MD, Boston, MA; F.M. Fennessy, MD; E.A. Stewart, MD; C. Fan, MD; C.M. Tempny, MD

LL-VI2527

Isolated Limb Infusion: Technique Description and Clinical Application

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LL-VI2544

Budd-Chiari Syndrome: From Diagnosis to Treatment

M.D. Goodwin, MBCh, Melbourne AUSTRALIA; L. Yap, MBBS; P. Wardle, MBChB; J. Koukounaras, BMBS; A. Schelleman

LL-VI2545

Neuroendocrine Tumours: The Role of Interventional Radiology in Therapy

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LL-VI2553

Post-Radiofrequency Ablation (RFA): Methods for Follow-up and Expected and Unexpected Imaging Features of the Ablation Zone

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LL-VI2567

Inferior Venal Caval Obstruction: Presentation, Patterns of Collateralization, and Effect of Endovascular Stenting

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LL-VI3003

Automated Segmentation of 3D Rendered MDCT Datasets with an Interactive Watershed Transform (IWT) Technique: Applications in Body Imaging

P.T. Johnson, MD, Baltimore, MD; D.G. Heath, PhD; H.K. Hahn, PhD; E.K. Fishman, MD

LL-VI3012

Optimizing Thermal Ablation Using Combination Adjuvant Therapies

M. Ahmed, MD, Boston, MA; D.E. Dupuy, MD; J.B. Kruskal; S.N. Goldberg, MD

LL-VI3015

Microwave and RF Ablation of the Lung, Liver, Kidney, and Bone: What Are the Differences?

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LL-VI3023

Why Can the Anomalous Vessel Be Seen There? Persistent Vessels Are Closely Related with Embryonic Circulation

H. Ota, MD, PhD, Oosaki JAPAN; K. Takase, MD; M. Tsuboi, PhD; H. Rikimaru, MD; T. Yamada, MD, PhD; A. Sato, MD

LL-VI3026

Percutaneous Transhepatic Techniques for Removal of Endoscopically (ERCP) Placed Biliary Stents

W.A. Saad, MBBCh, Rochester, NY; N.C. Patel, MD; M.G. Davies; L.G. Sahler, MD; D.E. Lee, MD; D.L. Waldman, MD, PhD; et al

LL-VI3032

Endoluminal Angioplasty of Hepatic Arterial Stenosis in Liver Transplant Recipients: Technical Note and Complication Management

W.A. Saad, MBBCh, Rochester, NY; M.G. Davies; L.G. Sahler, MD; N.C. Patel, MD; D.E. Lee, MD; D.L. Waldman, MD, PhD; et al

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LL-BR4819-H11

Pictorial Review of Common and Unusual Diseases of the Nipple-Areolar Complex (NAC)

D. Pereira Da Costa, MD, Miami Beach, FL; M. D'Almeida, MD; D. Gerson, MD; R. Poppiti Jr, MD; L. Esserman, MD

LL-BR5216

The Great Mimicker: Fat Necrosis of the Breast—MR-Mammography Appearances

S.G. Ganau Macias, MD, Barcelona SPAIN; L. Tortajada, MD; I. Delgado; X. Andreu; M. Sentis

LL-CA5086-L

Cardiac Conduction System: Anatomical Landmarks Relevant to Interventional Electrophysiology Techniques Demonstrated by 64 MDCT

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LL-CH5047

Acute Aortic Dissection: CT, Surgical, and Pathological Correlation according to the Form of Involvement in the Aortic Wall

J.R. Inacio, MD, Lisbon PORTUGAL; M.C. Campos, MD; A. Nobre, MD; A. Silva, MD; M.C. Navalho, MD; V.V. Mascarenhas; et al

LL-GI2848

Three-dimensional Multidetector CT (3-D MDCT) of External and Internal Hernias of the Abdomen

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LL-GI3270

Capsule Endoscopy versus Radiological Studies in the Investigation of Small Bowel Disease

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LL-GI3314-R

Imaging the Inferior Venacava: A Road Less Travelled

H. Kandpal, New Delhi INDIA; R. Sharma, MD; S. Gamangatti, MD; D.N. Srivastava, MD; S. Vashisht

LL-GI3326

Steady-State Free Precession: Applications in Abdominal MR Imaging

A.C. Silva, MD, Scottsdale, AZ; K.J. Burkholz; A.K. Hara, MD; J.F. Glockner, MD, PhD

LL-MK5267

Acute Isolated Traumatic Injuries of Articular Cartilage: MR Imaging Manifestations in the Knee

R.R. Leverett, MD, Nashville, TN; J.J. Block, MD; J.J. Kaye, MD

LL-MK5294

A Pictorial Review of the Uncommon Presentations of Primary Chondrosarcoma: Imaging Features with Pathological Correlation

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LL-MS2644

Comprehensive Pictorial Review of Behcet Disease: Radiological and Clinical Findings of Multisystemic Manifestations

E. Chae, MD, Seoul KOREA, REPUBLIC OF; K. Do, MD; J. Seo, MD, PhD; J. Kang, MD; J. Lee; T. Lim; et al

LL-MS3185

Obesity and Imaging: Update on Challenges, Technological Design Changes, and Tailored Imaging Protocols to Image Obese Patients

R.N. Uppot, MD, Boston, MA; P.F. Hahn, MD, PhD; D.V. Sahani, MD; D.A. Gervais, MD; P.R. Mueller, MD

LL-NM2620

Imaging of Gynecologic Malignancies with FDG PET-CT: Case Examples—Physiologic Activity and Pitfalls

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LL-NM3143

Imaging Features of Sarcoidosis on FDG-PET

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LL-NR4673

Functional MR Imaging in Clinical Setting: Performing and Evaluating Functional Measurements for Planning and Aiding Brain Surgery

A.M. Wohlschlaeger, PhD, Muenchen GERMANY; H. Wittsack; V. Riedl; C. Zimmer

LL-NR4762

Diagnostic Imaging In Traumatic and Non-Traumatic Braquial Plexus Injuries

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LL-OB3209-D

Ultrasound and MR Imaging Evaluation of Fetal Ventriculomegaly: Examples and Associated Findings That Confer a Worse Prognosis

M.J. Gerlach, MD, Boston, MA; M. Kataoka, MD; J. Kazan-Tannus, MD, PhD; D. Levine, MD

LL-PD5001

Imaging Chronic Recurrent Multifocal Osteomyelitis: Disease and Sequelae

D.S. Levine, MBChB, Vancouver CANADA; G.A. Chaudry, MBChB; J. Traubici, MD; K. Oudjhane, MD, MSc; R. Laxer, MD

LL-PD5017

Imaging of Pediatric Female Pelvis from Newborn to Adolescent: A Pictorial Review

S. Yoo, MD, Seoul KOREA, REPUBLIC OF; J. Kim, MD; W. Kim, MD; I. Kim, MD; K. Yeon

LL-PH5153

ROC Curve for Radiologists: The Basics

G. Lee X. Zhou, PhD, Gifu JAPAN; Y. Uchiyama, PhD; X. Zhang, PhD; T. Hara, PhD; H. Fujita, PhD

LL-PP5310-H

Do Radiologists Convey Accurately to Clinicians What They Mean in Dictated Reports?

J.A. Staser, MD, Indianapolis, IN; V. Young, MD; K. Sandrasegaran, MD

LL-PP5316

Continuous Quality Management in Radiology: Which Should You Remember for Improving Patient Safety?

K. Do, MD, Seoul KOREA, REPUBLIC OF; T. Lim; K. Song, MD; J. Kang, MD; E. Chae, MD; J. Lee, MD; et al

LL-UR3223

Solid Renal Masses: What Can MRI and PET CT Contribute to the Workup?

R.N. Uppot, MD, Boston, MA; D.V. Sahani, MD; M.G. Harisinghani, MD; M.A. Blake, MBBCh; A.E. Samir, MBBCh; P.R. Mueller, MD

LL-UR3236

Sonography of Genitourinary Tuberculosis with Emphasis on High-Resolution and 3D Imaging

N. Dahiya, MD, Saint Louis, MO; S.A. Teefey, MD; W.D. Middleton, MD; C.L. Siegel, MD; N. Dahiya, MD; B. Vijayaraghavan, MD

LL-VI2519

Thoracic Outlet Arterial and Venous Syndromes: What Should Be Expected from Multislice Computed Tomography?

V. Marteau, Paris FRANCE; M. Leyder, MD; C. Laurian, MD; L. Desmottes; M. Zins, MD

LL-VI3002

Aortoenteric Fistulas: Diagnosis with CT and MR Angiography

F.L. Diaz, MD, Charlottesville, VA; A.D. Hardie, MD; H.K. Ahmed, MD; K.D. Hagspiel, MD