

# CLINICAL IMAGING

---

VOLUME 45, 2017

## *Contents*

---

### REVIEW ARTICLES

- 37 **Clinical Utility for Diffusion MRI Sequence in Emergency and Inpatient Spine Protocols**  
Michael J. Hoch, Joanne Rispoli, Mary Bruno, Mervin Wauchope,  
Yvonne W. Lui, and Timothy M. Shepherd
- 71 **Tips and Tricks to Optimize MRI Protocols for Cutaneous Vascular Anomalies**  
Mark D. Mamlouk, Andrew D. Nicholson, Daniel L. Cooke,  
and Christopher P. Hess

---

### ORIGINAL ARTICLES

- 1 **Qualitative Agreement and Diagnostic Performance of Arterial Spin Labelling MRI and FDG PET-CT in Suspected Early-Stage Dementia Comparison of Arterial Spin Labelling MRI and FDG PET-CT in Suspected Dementia**  
Kathleen Weys, Meike Vernooij, Rebecca Steketee, Roelf Valkema,  
and Marion Smits
- 8 **High Resolution T2 MRI in the Diagnosis of Cerebellopontine Angle and Internal Auditory Canal Lesions**  
Jonathan T. Maslan, Christopher M. Lack, Michael Zapadka,  
Tyler G. Gasser, and Eric Oliver
- 26 **Ultrasound Shear Wave Elastography in the Assessment of Passive Biceps Brachii Muscle Stiffness: Influences of Sex and Elbow Position**  
Johnson Chen, Michael O'Dell, Wen He, Li-Juan Du, Pai-Chi Li,  
and Jing Gao
- 30 **Comparison of FSE T2 W PROPELLER and 3D-FIESTA of 3 T MR for the Internal Auditory Canal**  
Hai-bo Wu, Hui-shu Yuan, Furong Ma, and Qiang Zhao
- 51 **Upper Extremity Non-Contrast Magnetic Resonance Venography (MRV) Compared to Contrast Enhanced MRV and Ultrasound**  
Ruth P. Lim, Emma Hornsey, Dinesh Ranatunga, Huming Hao,  
Julie Smith, Tim Spelman, Jason Chuen, and Mark Goodwin
- 58 **Left Ventricle Remodeling in Patients With  $\beta$ -Thalassemia Major. An Emerging Differential Diagnosis With Left Ventricle Noncompaction Disease**  
Elisabetta Chiodi, Marianna Nardoza, Maria Rita Gamberini,  
Alessia Pepe, Massimo Lombardi, Giorgio Benea, and Donato Mele
- 65 **The Impact of Installing An MR Scanner in the Emergency Department for Patients Presenting With Acute Stroke-Like Symptoms**  
Stephanie E. Honig, Lukasz S. Babiarz, Evan L. Honig,  
Saeedeh Mirbagheri, Victor Urrutia, and David M. Yousem

Contents continued

- 81 The Added Value of the CSF Cleft on ADC in Distinguishing Extra-Axial From Intra-axial Tumors**  
Junyoung Kim, Chang-Ki Hong, Sang Hyun Suh, Woo Sang Jung,  
and Sung Jun Ahn
- 86 Value of Diagnostic Imaging for the Symptomatic Male Breast: Can We Avoid Unnecessary Biopsies?**  
Eric T. Foo, Amie Y. Lee, Kimberly M. Ray, Genevieve A. Woodard,  
Rita I. Freimanis, and Bonnie N. Joe
- 92 Prevalence and Clinical Significance of Incidental Extra-Mammary Findings in Breast Magnetic Resonance Imaging: A Retrospective Study of 1070 Patients**  
Wieland Staab, Jan Menke, Christian Sohns, Susanne Wienbeck,  
Lukas Bauer, Johannes Tammo Kowallick, Frank Konietzschke,  
Thorsten Derlin, Joachim Lotz, and Jan Martin Sohns
- 96 Incidental Focal Uptake in the Breast and Axilla on FDG PET: Clinical Considerations and Differential Diagnosis**  
Andrea L. Magee, Brittany Z. Dashevsky, Kayleen Jahangir,  
and Kirti Kulkarni
- 105 Hyperpolarized Helium-3 Magnetic Resonance Lung Imaging of Non-Sedated Infants and Young Children: A Proof-of-Concept Study**  
Talissa A. Altes, Craig H. Meyer, Jaime F. Mata, Deborah K. Froh,  
Alix Paget-Brown, W. Gerald Teague, Sean B. Fain, Eduard E. de Lange,  
Kai Ruppert, Martyn C. Botfield, Mac A. Johnson, and John P. Mugler III
- 111 Hepatic Fat Quantification Using Automated Six-Point Dixon: Comparison With Conventional Chemical Shift Based Sequences and Computed Tomography**  
Kie Shimizu, Tomohiro Namimoto, Masataka Nakagawa, Kosuke Morita,  
Seitaro Oda, Takeshi Nakaura, Daisuke Utsunomiya,  
and Yasuyuki Yamashita

---

#### CASE REPORTS

- 12 Xanthogranulomatous Pancreatitis: A Review of the Imaging Characteristics of This Rare and Often Misdiagnosed Lesion of the Pancreas**  
David Becker-Weidman, Bernard Floré, and Koenraad J. Mortelé
- 18 Thoracic Spinal Osteochondroma: A Rare Presentation of Spinal Cord Compression**  
David R. Hansberry, Raghav Gupta, Arpan V. Prabhu, Nitin Agarwal,  
Moungnyan Cox, Upasana Joneja, Mark T. Curtis, James S. Harrop,  
and Adam E. Flanders
- 22 Appendiceal Ganglioneuroma in Neurofibromatosis Type 2**  
Yonah B. Esterson, Aryeh Y. Esterson, Gregory M. Grimaldi,  
John S. Pellerito, and Robin J. Warshawsky
- 34 The Mammary Ridge—A Case Report of Multiple Ectopic Breast Masses**  
Rebecca Oudsema, William Simpson, Janet Szabo, and Laurie R. Margolies
- 118 Thorn in My Spine: A Case of A Retained Intradural Extramedullary Foreign Body**  
Nakul Reddy, Peter Fata, Anthony Balzer, Pedro Diaz-Marchan,  
and Christie M. Lincoln

---

#### CORRESPONDENCE

- 122 Commentary on False Negative Findings of Plain Radiographs in Body Packing**  
Simone Cappelletti and Costantino Ciallella