

JMRI-ISMRM Recommendation

- 1169 Recommendation for Terminology: Nodules Without Arterial Phase Hyperenhancement and With Hepatobiliary Phase Hypointensity in Chronic Liver Disease**

Utaroh Motosugi, Takamichi Murakami, Jeong Min Lee, Kathryn J. Fowler, Jay P. Heiken, and Claude B. Sirlin, for the LI-RADS HBA Working Group

CME Article

- 1172 MRI Review of Female Pelvic Fistulizing Disease**

Brenda J. Hyde, Jenifer N. Byrnes, John A. Occhino, Shannon P. Sheedy, and Wendaline M. VanBuren

Review Article

- 1185 Rapid Compositional Mapping of Knee Cartilage With Compressed Sensing MRI**

Marcelo V. W. Zibetti, Rahman Baboli, Gregory Chang, Ricardo Otazo, and Ravinder R. Regatte

Original Research

Pediatrics

- 1199 Quantitative Susceptibility Map Analysis in Preterm Neonates With Germinal Matrix-Intraventricular Hemorrhage**

Tortora Domenico, Severino Mariasavina, Sedlacik Jan, Toselli Benedetta, Malova Mariya, Parodi Alessandro, Morana Giovanni, Fato Marco Massimo, Ramenghi Luca Antonio, and Rossi Andrea

Head and Neck

- 1208 Integrating Dynamic Contrast-Enhanced Magnetic Resonance Imaging and Diffusion Kurtosis Imaging for Neoadjuvant Chemotherapy Assessment of Nasopharyngeal Carcinoma**

Dechun Zheng, Guojing Lai, Ying Chen, Qiuyuan Yue, Xiangyi Liu, Xiaodan Chen, Weibo Chen, Queenie Chan, and Yunbin Chen

- 1217 Analysis of Diffusion Tensor Measurements of the Human Cervical Spinal Cord Based on Semiautomatic Segmentation of the White and Gray Matter**

Marek Dostál, Miloš Keřkovský, Eva Korit'áková, Eva Němcová, Jakub Stulík, Monika Staňková, and Vladan Bernard

Vascular

- 1228 Children With Kawasaki Disease Present Elevated Stiffness of Great Arteries: Phase-Contrast MRI Study**

Michal Schäfer, Uyen Truong, D. Dunbar Ivy, Brian Fonseca, Ladonna Malone, Michael DiMaria, Alex J. Barker, Daniel Vargas, Kendall S. Hunter, Pei-Ni Jone, and Lorna P. Browne

Neuro

- 1237 Intracranial Vessel Wall Lesions in Patients With Systemic Lupus Erythematosus**

Satoru Ide, Shingo Kakeda, Mari Miyata, Shigeru Iwata, Naoaki Ohkubo, Shingo Nakayamada, Koichiro Futatsuya, Keita Watanabe, Junji Moriya, Yoshihisa Fujino, Yoshiya Tanaka, and Yukunori Korogi

- 1247 Use of T_1 Relaxation Time in Rotating Frame ($T_{1\rho}$) and Apparent Diffusion Coefficient to Estimate Cerebral Stroke Evolution**

Yuefa Tan, Jun Xu, Ruiying Chen, Bin Chen, Juan Xu, Daokun Ren, Queenie Chan, Yingjie Mei, Yuankui Wu, and Yikai Xu

- 1255 Noninvasive Assessment of Intracranial Elastance and Pressure in Spontaneous Intracranial Hypotension by MRI**

Yi-Hsin Tsai, Hung-Chieh Chen, Hsin Tung, Yi-Ying Wu, Hsian-Min Chen, Kuan-Jung Pan, Da-Chuan Cheng, Jeon-Hor Chen, Clayton Chi-Chang Chen, Jyh-Wen Chai, and Wu-Chung Shen

- 1264 Diagnostic Accuracy of a Clinical Carotid Plaque MR Protocol Using a Neurovascular Coil Compared to a Surface Coil Protocol**
Waleed Brinjikji, J. Kevin DeMarco, Robert Shih, Giuseppe Lanzino, Alejandro A. Rabinstein, Christopher A. Hilditch, Patrick J. Nicholson, and John Huston III
- 1273 MRI-Based Measurements of Whole-Brain Global Cerebral Blood Flow: Comparison and Validation at 1.5T and 3T**
Chun-Ming Chen, Yen-Chih Huang, Cheng-Ting Shih, Yung-Fang Chen, and Shin-Lei Peng
- 1281 Magnetic Susceptibility Increases as Diamagnetic Molecules Breakdown: Myelin Digestion During Multiple Sclerosis Lesion Formation Contributes to Increase on QSM**
Kofi Deh, Gerald D. Ponath, Zaki Molvi, Gian-Carlo T. Parel, Kelly M. Gillen, Shun Zhang, Thanh D. Nguyen, Pascal Spincemaille, Yinghua Ma, Ajay Gupta, Susan A. Gauthier, David Pitt, and Yi Wang
- 1288 MR-Assisted PET Motion Correction in Simultaneous PET/MRI Studies of Dementia Subjects**
Kevin T. Chen, Stephanie Salcedo, Daniel B. Chonde, David Izquierdo-Garcia, Michael A. Levine, Julie C. Price, Bradford C. Dickerson, and Ciprian Catana
- Cardiac**
- 1297 Oxygenation-Sensitive Cardiovascular Magnetic Resonance in Hypertensive Heart Disease With Left Ventricular Myocardial Hypertrophy and Non-Left Ventricular Myocardial Hypertrophy: Insight From Altered Mechanics and Cardiac BOLD Imaging**
Bing-Hua Chen, Rui Wu, Dong-Aolei An, Ruo-Yang Shi, Qiu-Ying Yao, Qing Lu, Jiani Hu, Meng Jiang, James Deen, Ankush Chandra, Jian-Rong Xu, and Lian-Ming Wu
- 1307 Effects of Age, Gender, and Risk-Factors for Heart Failure on Native Myocardial T₁ and Extracellular Volume Fraction Using the SASHA Sequence at 1.5T**
Joseph J. Pagano, Kelvin Chow, D. Ian Paterson, Yoko Mikami, Anna Schmidt, Andrew Howarth, James White, Matthias G. Friedrich, Gavin Y. Oudit, Justin Ezekowitz, Jason Dyck, and Richard B. Thompson
- Pelvis**
- 1318 Diffusion Tensor Imaging Parameters in Testes with Nonobstructive Azoospermia**
Athina C. Tsili, Alexandra Ntorkou, Anna Goussia, Loukas Astrakas, Eleni Panopoulou, Nikolaos Sofikitis, and Maria I. Argyropoulou
- 1326 Prospective Comparison of PI-RADS Version 2 and Qualitative In-House Categorization System in Detection of Prostate Cancer**
Sonia Gaur, Stephanie Harmon, Sherif Mehralivand, Sandra Bednarova, Brian P. Calio, Dordaneh Sugano, Abhinav Sidana, Maria J. Merino, Peter A. Pinto, Bradford J. Wood, Joanna H. Shih, Peter L. Choyke, and Baris Turkbey
- 1336 Multicystic Mucinous Adenocarcinoma of the Uterine Cervix Compared with Benign Multicystic Lesions: Multiparametric MR Features**
Jiacheng Song, Qiming Hu, Junwen Huang, Zhanlong Ma, and Ting Chen
- Musculoskeletal**
- 1344 Blood Perfusion of Patellar Bone Measured by Dynamic Contrast-Enhanced MRI in Patients with Patellofemoral Pain: A Case-Control Study**
Rianne A. van der Heijden, Dirk H.J. Poot, Melek Ekinci, Gyula Kotek, Peter L.J. van Veldhoven, Stefan Klein, Jan A.N. Verhaar, Gabriel P. Krestin, Sita M.A. Bierma-Zeinstra, Marienke van Middelkoop, and Edwin H.G. Oei
- 1351 Shear Strain Rate From Phase Contrast Velocity Encoded MRI: Application to Study Effects of Aging in the Medial Gastrocnemius Muscle**
Usha Sinha, Vadim Malis, Robert Csapo, Marco Narici, and Shantanu Sinha
- Breast**
- 1358 Use of Diffusion Kurtosis Imaging and Quantitative Dynamic Contrast-Enhanced MRI for the Differentiation of Breast Tumors**
Ting Li, Tao Yu, Lyu Li, Lunbo Lu, Yaoyao Zhuo, Jingge Lian, Yun Xiong, Dexing Kong, and Kangan Li

Abdomen

- 1367 Effects of Gadolinium-Based MRI Contrast Agents on Liver Tissue**
Tolga Mercantepe, Levent Tmkaya, Fatma Beyazal eliker, Zehra Topal Suzan, Seda inar, Kerimali Akyildiz, Filiz Mercantepe, and Adnan Yilmaz
- 1375 Diagnostic Performance of Diffusion-Weighted Imaging for Differentiating Benign and Malignant Gallbladder Lesions: A Systematic Review and Meta-analysis**
Myung-Won You and Seong Jong Yun
- 1389 Modified Breath-Hold Compressed-Sensing 3D MR Cholangiopancreatography With a Small Field-of-View and High Resolution Acquisition: Clinical Feasibility in Biliary and Pancreatic Disorders**
Liang Zhu, Huadan Xue, Zhaoyong Sun, Tianyi Qian, Elisabeth Weiland, Bernd Kuehn, Patrick Asbach, Bernd Hamm, and Zhengyu Jin

Thoracic

- 1400 3D Phase Contrast MRI in Models of Human Airways: Validation of Computational Fluid Dynamics Simulations of Steady Inspiratory Flow**
Guilhem J. Collier, Minsuok Kim, Yongmann Chung, and Jim M. Wild

Technical

- 1410 Quantitative Susceptibility Mapping Across Two Clinical Field Strengths: Contrast-to-Noise Ratio Enhancement at 1.5T**
Matteo Ippoliti, Lisa C. Adams, Brenner Winfried, Bernd Hamm, Pascal Spincemaille, Yi Wang, and Marcus R. Makowski
- 1421 Robust Spinal Cord Resting-State fMRI Using Independent Component Analysis-Based Nuisance Regression Noise Reduction**
Yong Hu, Richu Jin, Guangsheng Li, Keith DK Luk, and Ed. X. Wu

Physics

- 1432 Limitations of Skipping Echoes for Exponential T_2 Fitting**
Kelly C. McPhee and Alan H. Wilman

Volume 48, Number 5 was mailed the week of October 30, 2018