

Abdominal Imaging

- 63 Case Series: Clinical Application of Liver Fat and Iron Quantification using LiverLab**
Barbara Frittoli, et al.
ASST-Spedali Civili di Brescia, Italy

Oncological Imaging

- 73 The Prostate Dot Engine¹ – a System-Guided and Assisted Workflow to Improve Consistency in Prostate MR Exams**
Wilhelm Horger, et al.
Siemens Healthineers, Erlangen, Germany
- 78 A Fully Automated, End-to-End Prostate MRI Workflow Solution¹ Incorporating Dot, Ultrashort Biparametric Imaging and Deep-Learning-based Detection, Classification, and Reporting**
David J. Winkel, et al.
University Hospital Basel, Switzerland
- 84 Assessing Breast Cancer Phenotypes with MRI Biomarkers in Clinical Practice**
Elizabeth Morris
Memorial Sloan Kettering Cancer Center (MSKCC),
New York, NY, USA

Business

- 88 teamplay – Streamline Clinical Operations to Unlock Productivity Gains**
Annelinde Veen
Siemens Healthineers, Erlangen, Germany

A History of Innovations

- 94 Now online: An Attempt to Reconstruct the History of Gradient-System Technology at Siemens**
Franz Schmitt, et al.
Siemens Healthineers, Erlangen, Germany

Meet Siemens Healthineers

- 96 Introducing Cordell Fields**
Regulatory Affairs Professional,
Siemens Healthineers, Malvern, PA, USA

Cover courtesy of Kawin Setsompop, Lawrence Wald, Berkin Bilgic, Stephen Cauley et al. (Martinos Center for Biomedical Imaging, Dept. of Radiology, Massachusetts General Hospital, Charlestown, MA, USA)

¹Work in progress: the application is currently under development and is not for sale in the U.S. and in other countries. Its future availability cannot be ensured.

Editorial Comment

- 4 **Exploring New Frontiers in MRI
7-Tesla MRI Goes Clinical – a Personal View**
Siegfried Trattnig
High Field MR Center, Medical University of Vienna,
Austria

Spotlight

- 8 **Re-Envisioning Low-Field MRI¹**
Najat Salameh and Mathieu Sarraçanie
Center for Adaptable MRI Technology, Basel, Switzerland

Neurology

- 14 **GOBrain in Acute Neurological Emergencies:
Diagnostic Accuracy and Impact on Patient
Management**
Philipp M. Kazmierczak, et al.
University Hospital Munich, Germany
- 17 **Ultrafast Multi-Contrast High-Resolution
3D Brain MRI: a Technical Description of
Wave-CAIPI¹**
Kawin Setsompop, et al.
Massachusetts General Hospital, Charlestown, MA, USA

- 21 **Ultrafast Multi-Contrast High-Resolution 3D
Brain MRI: Clinical Evaluation of Wave-CAIPI¹
Acceleration in SWI, MPRAGE, FLAIR, SPACE**
Susie Huang, et al.
Massachusetts General Hospital, Charlestown, MA, USA

- 28 **Novelties in MR Fingerprinting¹**
Gregor Kördörfer
Siemens Healthineers, Erlangen, Germany

- 34 **A Path to Establishing MRSI as a Clinical
Standard Imaging**
Hyunsuk Shim, et al.
Emory University School of Medicine, Atlanta, GA, USA

- 45 **X-Nuclei MRI on a 7T MAGNETOM Terra:
Initial Experiences**
Armin M. Nagel, et al.
University Hospital Erlangen, Erlangen, Germany

Musculoskeletal Imaging

- 52 **How I do it: Imaging Morton's Neuroma**
Dag Sjølie
Diakonhjemmet Hospital, Oslo, Norway
- 54 **Imaging of Osteomyelitis with FDG PET-MR**
Rik Moonen, et al.
Maastricht University Medical Centre, Maastricht,
The Netherlands