

# Clinical Neuroradiology

Official Journal of the German, Austrian, and Swiss Societies of Neuroradiology

Volume 22 • Number 1 • March 2012

---

## EDITORIAL

- 1 **Mannheim: An Example for the German Neuroradiology**  
L. Solymosi

## REVIEW ARTICLE

- 3 **Anticoagulation in Neurointerventions. Basic Pharmacology and Pathophysiology, Current Status, Practical Advice**  
J. Scharf · C.-E. Dempfle

## ORIGINAL ARTICLES

- 15 **Acetylsalicylic Acid Does Not Prevent Digital Subtraction Angiography-Related High Signal Intensity Lesions in Diffusion-Weighted Imaging in Cerebrovascular Patients. A Retrospective Analysis**  
C. Brockmann · F. Seker · C. Weiss · C. Groden · J. Scharf
- 21 **Comparison of Digital Subtraction Angiography, Micro-Computed Tomography Angiography and Magnetic Resonance Angiography in the Assessment of the Cerebrovascular System in Live Mice**  
G. Figueiredo · C. Brockmann · H. Boll · M. Heilmann · S. J. Schambach · T. Fiebig · M. Kramer · C. Groden · M. A. Brockmann
- 29 **Arterial Spin Labeling at 3.0 Tesla in Subacute Ischemia. Comparison to Dynamic Susceptibility Perfusion**  
S. Huck · H. U. Kerl · M. Al-Zghloul · C. Groden · I. Nölte
- 39 **Magnetic Resonance Imaging Flow Quantification of Non-Occlusive Excimer Laser-Assisted EC-IC High-Flow Bypass in the Treatment of Complex Intracranial Aneurysms**  
C. Brockmann · L. Gerigk · P. Vajkoczy · C. Groden · E. Neumaier-Probst
- 47 **Endovascular Repositioning of a Pipeline Embolization Device Dislocated from the Vertebral into the Basilar Artery Using a Stent-in-Stent Technique. Practical and Technical Considerations**  
H. U. Kerl · M. Al-Zghloul · C. Groden · M. A. Brockmann
- 55 **Visualisation of the Zona Incerta for Deep Brain Stimulation at 3.0 Tesla**  
H. U. Kerl · L. Gerigk · S. Huck · M. Al-Zghloul · C. Groden · I. S. Nölte
- 69 **TrueFISP of the Pediatric Pineal Gland. Volumetric and Microstructural Analysis**  
J. M. Bumb · M. A. Brockmann · C. Groden · M. Al-Zghloul · I. Nölte
- 79 **Decomposing the Hounsfield Unit. Probabilistic Segmentation of Brain Tissue in Computed Tomography**  
A. Kemmling · H. Wersching · K. Berger · S. Knecht · C. Groden · I. Nölte
- 93 **Dynamic Magnetic Resonance Imaging of the Cervical Spine with High-Resolution 3-Dimensional T<sub>2</sub>-Imaging**  
T. Bostel · L. Gerigk · A. Hegewald · C. Thomé · J. Scharf · C. Groden · E. Neumaier-Probst

## CORRESPONDENCES

- 101 **Unusual Patient with Multiple Sclerosis and Shunt-Responsive Normal-Pressure Hydrocephalus**  
O. Algin · O. Taskapilioglu · B. Hakyemez · M. Parlak
- 105 **Multiple Cystic Brain Metastases from Adenocarcinoma Mimicking Cysticercosis. Case Report**  
H. J. Choi · S. K. Choi

## **CLINICAL CASE**

- 109 Freiburg Neuropathology Case Conference. A Mass Lesion of the Cerebellopontine Angle in a Hearing-Impaired Patient**  
C. A. Taschner · F. Dechent · S. Glaesker · S. Leschka · M. Prinz

## **NEW IN THE WEB**

- 115 Quantitative Magnetic Resonance Angiography**  
F. Kellner-Weldon

## **INFORMATION**

- 119 Societies Communications**

Further articles can be found at [springerlink.com](http://springerlink.com)

Instructions for authors for *Clinical Neuroradiology* are available at [www.cnr.springer.de](http://www.cnr.springer.de)

Listed in **EMBASE (Excerpta Medica) · DIMDI · Science Citation Index · Journal Citation Report/ Science Edition · PubMed/Medline**