



Jahr 2015

Wissenschaftliche Publikationen

Originalarbeiten in wissenschaftlichen Fachzeitschriften

- Badoud S, Nicastro N, Garibotto V, Burkhard PR, Haller S: Distinct spatiotemporal patterns for disease duration and stage in Parkinson's disease. *Eur J Nucl Med Mol I*, 2015. (in Druck)
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- Bauerle J, Niesen WD, Egger K, Buttler KJ, Reinhard M: Enlarged Optic Nerve Sheath in Aneurysmal Subarachnoid Hemorrhage despite Normal Intracranial Pressure. *J Neuroimaging*, 2015 (online).
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- Berger B, Baumgartner A, Rauer S, Mader I, Luetzen N, Farenkopf U, Stich O: Severe disease reactivation in four patients with relapsing-remitting multiple sclerosis after fingolimod cessation. *J Neuroimmunol*, 2015; 282: 118-122.
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- Egger K, Yang S, Reisert M, Kaller C, Mader I, Beume L, Weiller C, Urbach H: Tractography of Association Fibers Associated with Language Processing. *Clin Neuroradiol*, 2015; 10 (25) Suppl. 2: 231-236.

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Fallbeispiele

- Bäuerle J, Zitzmann A, Egger K, Meckel S, Weiller C, Harloff A: The great imitator-still today! A case of meningovascular syphilis affecting the posterior circulation. *J Stroke Cerebrovasc*, 2015; 24 (1): e1-e3.
- Luetzen N, Niesen WD, Kalbhenn J, Urbach H: Teaching Neuroimages: Cerebral Fat Embolism After Cemented Hip Replacement. *Clin Neuroradiol*, 2015 (online).

Konferenzbeiträge

- Egger K, Dempfle A, Schwarzwald R, Harloff A, Urbach H: Quantitative Bestimmung des zerebralen Venenvolumens mittels suszeptibilitätsgewichteter MR 2015 (DGNR Kongress 2015 Köln).
- Huppertz HJ, Dempfle A, Urbach H, Egger K: Effekte der MRT Messzeitverkürzung durch parallele Bildgebung auf die atlas-basierte Volumetrie 2015 (DGNR Kongress 2015 Köln).
- Kellner E, Egger K, Strumia M, Kiselev VG, Urbach H, Reiser M: Lesion Segmentation of the Penumbra in Acute Str 2015 (MICCAI 2015 ISLES Challenge München).
- Mader I, Demerath T, Kellner E, Heiland DH, Kiselev VG, Schwarzwald R, Mast H, Urbach H, Weyerbrock A: Mesoscopic Imaging of Glioblastomas: Are Diffusion, Perfusion and Spectroscopic Measures Influenced by the Radio-Genetic Phenotype? 2015 (European Society for Magnetic Resonance in Medicine and Biology (ESMRMB) Edinburgh/UK).
- Meckel S: Patient selection strategies for endovascular therapy. *Cerebrovasc Dis*, 2015; 39 Suppl. 2: 22 (24th European Stroke Conference, Vienna, Austria.).
- Meckel S, Keuler A, Boos L, Shah M, Foerster K, Niesen WD, Urbach H, Cattaneo G, Schumacher M: Endovascular Cooling Catheter For Selective Cerebral Hypothermia in Acute Stroke Therapy: An Animal Feasibility Study. *Cerebrovasc Dis*, 2015; 39 Suppl. 2: 126-7 (24th European Stroke Conference, Vienna, Austria.).
- Meckel S, Schumacher M, Maurer C, Vakalopoulos A, Shah M, Wittmann K, Förster K, Urbach H, Cattaneo G: Kombinierte selektive endovaskuläre Hypothermie und mechanische Gefäßrekanalisation beim akuten Schlaganfall –Testung im Ischämie-Schafmodell mit temporärer Arteria cerebri media Okklusion. *Clin Neuroradiol*, 2015 Suppl. 25: 9-10 (50. Jahrestagung der DGNR, Köln).
- Meckel S, Schumacher M, Maurer C, Boos L, Shah M, Foerster K, Niesen W-D, Ihorst G, Urbach H, Cattaneo G: Endovascular Cooling Catheter For Selective Brain Hypothermia in Acute Stroke: An Animal Feasibility Study. *Interv Neuroradiol*, 2015 Suppl. 1: 170-1 (13th Congress of the World Federation of Interventional and Therapeutic Neuroradiology, Gold Coast, Queensland, Australia.).
- Ofer I, Le Rose C, Mast H, Buschmann F, Metternich B, Egger K, Schulze-Bonhage A, Wagner K: How are Default Mode Network's properties related to depressive symptoms in temporal lobe epilepsy and which impact has seizure freedom? 2015 (DGPPN Kongress 2015 Berlin).
- Taschner C: Derivo - eine prospektive Registerstudie 2015 (DGNR Köln).

- Taschner C: Surpass Flow Diverter zur Behandlung intrakranieller Aneurysmen der hinteren Zirkulation 2015 (DGNR Köln).
- Taschner CA: GREAT – a randomised aneurysm trial: Procedural safety and core-lab assessed angiographic baseline results. 2015 (ASNR, Chicago).
- Taschner CA: Surpass Flow Diverter for the Treatment of Intracranial Aneurysms Located in the Posterior Circulation. 2015 (ASNR, Chicago).

Vorträge

- Egger K: Grundlagen der Sonographie 2015 (Masterlehrgang Fachhochschule für Gesundheit, 07.-09.01.2015 Innsbruck).
- Egger K: MRT-Neurographie 2015 (DGKN Kongress 2015, Tübingen).
- Egger K: Kerne und Bahnen 2015 (Neuroradiologie Aktuell Hamburg 2015).
- Egger K: Neurologic Sequences: How and Why? 2015 (ISMRM Kongress 2015 Toronto).
- Egger K: Neurodegeneration und MRT 2015 (Klinik für Neuroradiologie des Wagner-Jauregg Krankenhauses 2015 Linz).
- Egger K: Neurodegenerative Erkrankungen, Bildinterpretationsseminar 2015 (Update Neuroradiologie, 10.-11.07.2015, Freiburg).
- Egger K: SWI, DIR, quantitatives MRT 2015 (Update Neuroradiologie, 10.-11.07.2015, Freiburg).
- Egger K: Parkinson und atypische Parkinson-Syndrome 2015 (Update Neuroradiologie, 10.-11.07.2015, Freiburg).
- Egger K: Wenn Kinder groß werden: Hirnalterung, was ist altersentsprechend? 2015 (Forum Neuroradiologicum, Mannheim/Ludwigshafen).
- Egger K: MRT, was darf rein? Der Herzschrittmacher - kein Problem? 2015 (Forum Neuroradiologicum, Mannheim/Ludwigshafen).
- Hammen T, Nakagawa J, Reiser M, Urbach H, Schulze-Bonhage A, Egger K: Tractography of Hippocampal association fibers in Patients with Hippocampal Sclerosis and Temporal lobe Epilepsy 2015 (AES Kongress 2015 Philadelphia).
- Heiland DH, Pfeifer D, Mader I, Weyerbrock A: Integrative Analysis of H1-MR-Spectroscopy and Genome-Wide Gene Expression Analysis 2015 (Tagung der Sektion Neuroonkologie der Deutschen Gesellschaft für Neurochirurgie, 30.- 31.10.2015, Freiburg).
- Luetzen N: Unterscheiden sich CD34-positive und CD34-negative Gangliogliome? 2015 (DGNR Köln).
- Lutz K, Yang S, Akguen O, Heimbach B, Kloepfel S, Urbach H, Egger K: Demenz: Morphometrie in der klinischen Routine? 2015 (DGNR Köln).
- Mader I: The Freiburg radiogenomics project: genetic and imaging variability of glioblastomas 2015 (Proton MR Spectroscopy in Neuroradiological Diagnostics, Workshop, Tübingen).
- Mader I: MRT bei Hirnmetastasen 2015 (Freiburger Interdisziplinäres Onkologisches Kolloquium (FIOK)).
- Mader I: Grundzüge der Schnittbildanatomie: Kleinhirn und Hirnstamm. Wichtige Strukturen in CT und MRT. 2015 (16. Basiskurs Neuroradiologie, 26.02.-01.03.2015, Frankfurt).
- Mader I: Neuroradiologie/Rezidivdiagnose. Wann soll ich die Referenzradiologie anfordern? 2015 (GLIAA-MC-Studientreffen, Freiburg).
- Mader I: Hirntumoren, Bildinterpretationsseminar 2015 (Update Neuroradiologie, 10.-11.07.2015, Freiburg).
- Mader I: Präoperative Bildgebung 2015 (Update Neuroradiologie, 10.-11.07.2015, Freiburg).
- Mader I: MRT epileptogener Läsionen (Hippokampusklerose, Epilepsie-assoziierte Tumoren, FCD) 2015 (Neureca Workshop EEG und MRI in der Diagnostik von Epilepsien).
- Mader I: Übungen zur Bildbefundung in Kleingruppen 2015 (Neureca Workshop EEG und MRI in der Diagnostik von Epilepsien).
- Mader I, Reinacher P, Kellner E, Heiland DH, Staszewski O, Kiselev VG, Egger K, Mast H, Urbach H, Weyerbrock A: Mesoskopische Bildgebung von Glioblastomen: Sind Diffusions- und

- Perfusions-Maße vom Radiophänotyp abhängig? 2015 (Tagung der Sektion Neuroonkologie der Deutschen Gesellschaft für Neurochirurgie, 30.- 31.10.2015, Freiburg).
- Maurer CJ, Egger K, Dempfle AK, Reinhard M, Urbach H: Zeitabhängigkeit des Infarkt Volumens in der DWI bei thrombembolischen M1-Verschläüssen 2015 (DGNR Köln).
 - Meckel S: Studienprotokoll und Ergebnisse der in-vivo Pilotexperimente: Endovaskuläre Selektive Hypothermie bei temporärer ACM-Ischämie und Rekanalisation im Schafmodell. 2015 (wissenschaftl. Beiratssitzung, Acandis GmbH u. Co KG, Berlin).
 - Meckel S: Patientenselektion zur interventionellen Vasospasmostherapie - wie durchführen und wann therapieren? 2015 (Arbeitstagung NeuroIntensivMedizin (ANIM) 2015, Berlin).
 - Meckel S: Verbundprojekt: Kombinierte Rekanalisation und Kühlung zur endovaskulären Hypothermie bei Schlaganfall (ICED)- Teilvorhaben: Wirkungsweise einer minaturisierten endovaskulären Vorrichtung zur lokalen Blutkühlung in Kombination mit Gefäßrekanalisation. 2015 (Halbzeitmeilenstein-Meeting BMBF, Berlin).
 - Meckel S: Mechanische Thrombektomie: Wann und wie? 2015 (Update Neuroradiologie, 10.-11.07.2015, Freiburg).
 - Meckel S: Combined Selective Cerebral Hypothermia and Mechanical Artery Recanalization in Acute Ischemic Stroke: In Vitro Study of Cooling Performance 2015 (50. Jahrestagung der DGNR, Köln).
 - Meckel S: Endovascular Cooling Catheter for Selective Brain Hypothermia in Acute Stroke Therapy: an Animal Feasibility Study of Cooling Performance 2015 (50. Jahrestagung der DGNR, Köln).
 - Meckel S: Update in vivo Untersuchungen am Schafmodell. 2015 (Scientific Advisory Board Meeting, Acandis GmbH & Co KG, Nürnberg, Germany.).
 - Meckel S, Schumacher M, Keuler A, Boos L, Shah M, Foerster K, Niesen WD, Cattaneo GFM: Endovaskuläres Kühlkathetersystem zur selektiven zerebralen Hypothermie bei der akuten Schlaganfalltherapie: eine Tierexperimentelle Machbarkeitsstudie. 2015 (Arbeitstagung NeuroIntensivMedizin (ANIM) 2015, Berlin).
 - Taschner C: Surpass FD for the posterior circulation 2015 (Surmount investigator meeting, Amsterdam).
 - Taschner C: Mechanische Thrombektomie zur Behandlung des ischämischen Schlaganfalls - der lange Weg zur Evidenz 2015 (Ärzte Seminar Karlsruhe).
 - Taschner C: Breakthrough in stroke treatment 2015 (5th Munich Vascular Conference, München).
 - Taschner C: Surpass FD for the posterior circulation 2015 (Surpass Expert Meeting, Rom).
 - Taschner CA: Schlaganfall in Diagnostik und Therapie. 2015 (Universitätsmedizin Mainz).
 - Taschner CA: Die mechanische Thrombektomie zur Behandlung des ischämischen Schlaganfalls. Der lange Weg zur Evidenz. 2015 (Klinikum Lahr).
 - Taschner CA: Retroperitoneales Hämatom nach FD-assistiertem Coiling eines Acom Aneurysma 2015 (M&M Meeting Stromberg).
 - Taschner CA: Aneurysma Ruptur während EVT eines Basilarisspitzenaneurysma mit einem Flow Disruptor 2015 (M&M Meeting Stromberg).
 - Taschner CA: Dissecting and blister aneurysm and their treatment 2015 (ECMINT Teaching Course, Oxford).
 - Taschner CA: Literature Review of Trials of Endovascular Aneurysm Treatments 2015 (ECMINT Teaching Course, Oxford).
 - Taschner CA: Tutorial: Atypical aneurysms and how I treat them 2015 (ECMINT Teaching Course, Oxford).
 - Taschner CA: Komplexe Aneurysmen: Neue Materialien 2015 (Update Neuroradiologie, 10.-11.07.2015, Freiburg).
 - Taschner CA: Session moderator: Endosaccular devices 2015 (Jahrestagung der ESMINT, Nizza).
 - Urbach H: Wenn der Abfluss verstopft ist – aktuelles zur Sinusthrombose 2015 (ANIM 2015, Berlin).

- Urbach H: Door-to-groin 2015 (ANIM 2015, Berlin).
- Urbach H: MR-Bildgebung bei fokaler Epilepsie 2015 (16. Basiskurs Neuroradiologie, 26.02.-01.03.2015, Frankfurt).
- Urbach H: Nebenwirkungen neuer Immuntherapien 2015 (Neuroradiologie Aktuell, Hamburg).
- Urbach H: Standardprotokolle „Epilepsie“ 2015 (BDNR Jahrestagung, Kassel).
- Urbach H: The Anatomy of the Brain 2015 (Summer School Epilepsie, 2.-4.6.15, Bonn).
- Urbach H: The Spectrum of Epileptogenic Lesions – a systematic Approach 2015 (Summer School Epilepsie, 2.-4.6.15, Bonn).
- Urbach H: Fokale Läsionen 2015 (16. Münchner NRAD-Symposium).
- Urbach H: Oberflächenanatomie: Einführung und neurologische Topik 2015 (Intensivkurs NRAD, Neuss).
- Urbach H: Liquorsystem: Anatomie von Ventrikelsystem und basalen Zisternen, Hydrozephalus / Liquorunterdruck 2015 (Intensivkurs NRAD, Neuss).
- Urbach H: Schnittbildanatomie 2015 (Intensivkurs NRAD, Neuss).
- Urbach H: Aktuelle Datenlage zur Thrombektomie aus Sicht des Neuroradiologen 2015 (Schlaganfallsymposium, Freiburg).
- Urbach H: Epilepsie, Bildinterpretationsseminar 2015 (Update Neuroradiologie, 10.-11.07.2015, Freiburg).
- Urbach H: Die Pinealis 2015 (Update Neuroradiologie, 10.-11.07.2015, Freiburg).
- Urbach H: FMRI and Morphometric MRI analysis on cortical malformations 2015 (ESNR, Neapel, 17.-20.9.15).
- Urbach H: Neuroradiologische Befunde bei Demenz – Gibt es neben Atrophie-Zeichen noch weitere differentialdiagnostische Befunde? 2015 (11. Radiol. Dialog Karlsr./Ludwigs./Landau).
- Urbach H: Welche Bildgebung muss eine Stroke Unit vorhalten? 2015 (Stroke Unit Symposium Baden-Württemberg, Freiburg).
- Urbach H: Epilepsie: Erstmaliger Krampfanfall - was tun? 2015 (5. Frankfurter Neuro-Imaging Tage).
- Urbach H: Stroke Mimics: Imaging bei Migräne / Round Table Diskussion 2015 (Forum Neuroradiologicum, Mannheim/Ludwigshafen).
- Urbach H: Wenn Kinder groß werden: Faserbahnen und Funktionen 2015 (Forum Neuroradiologicum, Mannheim/Ludwigshafen).