



Jahr 2019

Wissenschaftliche Publikationen

Originalarbeiten in wissenschaftlichen Fachzeitschriften

- Anadani M, Spiotta A, Alawieh A, Turjman F, Piotin M, Steglich-Arnholm H, Holtmannspotter M, Taschner C, Eiden S, Haussen DC, Nogueira R, Papanagiotou P, Boutchakova M, Siddiqui AH, Lapergue B, Dorn F, Cognard C, Killer-Oberpfalzer M, Mangiafico S, Ribo M, Psychogios MN, Labeyrie MA, Mazighi M, Biondi A, Anxionnat R, Bracard S, Richard S, Gory B: Effect of extracranial lesion severity on outcome of endovascular thrombectomy in patients with anterior circulation tandem occlusion: analysis of the TITAN registry. *J Neurointerv Surg*, 2019. (in Druck)
- Beume LA, Wolf K, Urbach H, Klingler JH, Staszewski O, Marks R, Weiller C, Rauer S, Hosp JA: Primary intraspinal non-Hodgkin's lymphoma: Case report and review of literature. *J Clin Neurosci*, 2019; 61: 262-264.
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- Dressing A, Kaller CP, Nitschke K, Beume LA, Kuemmerer D, Schmidt CSM, Bormann T, Umarova RM, Egger K, Rijntjes M, Weiller C, Martin M: Neural correlates of acute apraxia: Evidence from lesion data and functional MRI in stroke patients. *Cortex*, 2019; 120: 1-21.
- Duman IE, Coenen VA, Doostkam S, Urbach H: Teaching Neuroimages: Inflammatory CAA. *Clin Neuroradiol*, 2019; 29 (2): 379-382.
- Eiden S, Beck C, Venhoff N, Elsheikh S, Ihorst G, Urbach H, Meckel S: High-resolution contrast-enhanced vessel wall imaging in patients with suspected cerebral vasculitis: Prospective comparison of whole-brain 3D T1 SPACE versus 2D T1 black blood MRI at 3 Tesla. *Plos One*, 2019; 14 (3): e0213514-e0213514.

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Konferenzbeiträge

- Fuhrer H, Prüllage P, Forner L, Weber S, Beume L, Bardutzky J, Egger K, Urbach H, Niesen WD, Meckel S: MR versus CT Imaging for Selection of Mechanical Thrombectomy in Anterior Ischemic Stroke and Large Vessel Occlusion: Effects on Clinical Outcome and Work Flow Times European Stroke J, 2019; 2019 (4) Suppl. (1):420 (5th European Stroke Organisation Conference (ESOC), Milan, Italy).

Vorträge

- Demerath T, Bonati L, El Mekabaty A, Schubert T: „High resolution vessel wall imaging involving 3T compressed sensing (CS) time-of-flight MRA in a case of acute intracranial anterior circulation dissection“ 2019 (Jahrestagung der DGNR, Frankfurt).
- Demerath T, Karwacki G, Blackham K, Schubert T: „Compressed-sensing (CS) 3D TOF MRA in a clinical setting: A qualitative comparison study in 45 patients.“ Posterbegehungen (Advanced Neuroimaging) 2019 (Jahrestagung der DGNR 2019, Frankfurt).
- Lützen, N, Staszewski, O: Neuropathologie trifft Neuroradiologie 2019 (Jahrestagung der DGNR, Frankfurt).

- Lützen N: DD orbitaler Läsionen 2019 (VSRNR 2019, Baden-Baden).
- Meckel S: Dark blood MRI using T1 SPACE with CS - Clinical Applications in Neuroimaging 2019 (Seminar on Biomedical Magnetic Resonance. Department of Radiology – Medical Physics. University Hospital Freiburg).
- Meckel S: Expertenkurs Radiologie: Schädelbasis: Anatomie, Normvarianten 2019 (Vereinigung Südwestdeutscher Radiologen und Nuklearmediziner (VSRN) Frühjahrskurs, Baden-Baden).
- Meckel S: Expertenkurs Radiologie: Schädelbasis: Tumore und tumor-like lesions 2019 (Vereinigung Südwestdeutscher Radiologen und Nuklearmediziner (VSRN) Frühjahrskurs, Baden-Baden).
- Meckel S: Investigation of selective brain cooling in an ovine model with temporary MCA occlusion 2019 (Selective Hypothermia in Acute Ischemic Stroke. Symposium on Evidence and Opportunities. Calgary Stroke Program, University of Calgary, Canada).
- Meckel S: ENABLE (Enhanced Neuromodulation for Alleviating Brain Lesions Endovascularly): Aufbau eines tierexperimentellen Modells. 2019 (Kick-off Meeting. Acandis GmbH, Pforzheim).
- Meckel S: Neuroradiological Interventions for Acute Ischemic Stroke and Cerebral Aneurysms 2019 (Stroke-Nurse Kurs 2018/19, University Hospital Freiburg).
- Meckel S: Die Zukunft der Neuroradiologie: von neuen therapeutischen Wegen über Advanced Imaging bis zur Big Data 2019 (Vortrag vor Berufungskommission W3 Professur für Neuroradiologie, Universitätsklinikum Bonn).
- Meckel S: Thrombektomie: Techniken (ADAPT, SAVE, ...) 2019 (4. Freiburger Symposium: Update Neuroradiologie, Freiburg).
- Meckel S: German Stroke School Lecture: Bailout techniques: What to do in case of failure? 2019 (54. Jahrestagung der DGNR, Frankfurt).
- Meckel S: T-Stenting mit dem Atlas Stent zur Rezidiv-Behandlung eines großen Basilariskopfaneurysmas. Video Case Session. 2019 (54. Jahrestagung der DGNR, Frankfurt).
- Meckel S: Mikro-Flow-diverter (Silk Vista Baby) zur Rezidiv-Behandlung eines Riesenaneurysmas der peripheren Arteria cerebri posterior. Video Case Session. 2019 (54. Jahrestagung der DGNR, Frankfurt).
- Rau A, Suam K, Yang S, Hohenhaus M, Reiser M, Kellner E, Beck J, Urbach H, Egger K: Reliable automated Detection of radiologic NPH Features using Machine learning Methods. 2019 (Jahrestagung der DGNR, Frankfurt).
- Taschner C: Derivo Flow Diverter for treatment of unruptured intracranial aneurysms: Procedural safety and core-lab adjudicated angiographic baseline results from a prospective multicentre registry 2019 (WIN ABC Meeting Val d'Isère, Frankreich).
- Taschner C: Defining standard protocol items for clinical trials 2019 (European Society of Minimally Invasive Neurologic Therapy (ESMINT) Seminar Haarlem, Niederlande).
- Taschner C: Flow diverter vs. bare coiling: Randomisierte Studien sind nicht nötig 2019 (Neuroradiologie Aktuell, Hamburg).
- Taschner C: Neue Techniken zur endovaskulären Aneurysmabehandlung. Wie gut ist die Evidenz? 2019 (Tagung des Vereins für Hirn-Aneurysma-Erkrankte, Freiburg).
- Taschner C: Second-Generation Hydrogel Coils: Which place in our regular practice? 2019 (4th International Course on Endovascular Surgery Novosibirsk, Russland).
- Taschner C: Comprehensive stroke center network: Where to perform thrombectomies? 2019 (Asklepios Course, European School of Radiology Lille, Frankreich).
- Taschner C: Literature review of trials/registries of endovascular treatment 2019 (European Course in Minimally Invasive Neurologic Therapy (ECMINT) Oxford, UK).
- Taschner C: Imaging in vasospasm for selection of patients for EVT 2019 (European Course in Minimally Invasive Neurologic Therapy (ECMINT) Oxford, UK).
- Taschner C: How to assess effectiveness of aneurysm treatments 2019 (European Course in Minimally Invasive Neurologic Therapy (ECMINT) Oxford, UK).
- Taschner C: Embolisation von Subduralhämatomen: Was ist das denn? 2019 (Update Neuroradiologie, Freiburg).
- Taschner C: Ruptured Aneurysms & Flow Diversion 2019 (Annual Meeting of the Society of Neurointerventional Surgery Miami, USA).

- Taschner C: Vorsitz: Regulatory: will it be easier to get the FDS approval than the CE one? 2019 (European Society of Minimally Invasive Neurologic Therapy (ESMINT) Kongress Nizza, Frankreich).
- Taschner C: What is an aneurysm recurrence? Definition and imaging 2019 (European Society of Minimally Invasive Neurologic Therapy (ESMINT) Kongress Nizza, Frankreich).
- Taschner C: Periprozedurale Sicherheit und postprozedurale angiographische Resultate der Behandlung nicht-rupturierter intrakranieller Aneurysmen mit dem Derivo Flow Diverter: Ergebnisse einer prospektiven Multizenterstudie 2019 (Jahrestagung der Deutschen Gesellschaft für Neuroradiologie, Derivo User Meeting, Frankfurt).
- Taschner C: Hot topics in der Neuroradiologie: Interventionelle Behandlung von Subduralhämatomen 2019 (Jahrestagung der Deutschen Gesellschaft für Neuroradiologie, Frankfurt).
- Taschner C: Periprozedurale Sicherheit und postprozedurale angiographische Resultate der Behandlung nicht-rupturierter intrakranieller Aneurysmen mit dem Derivo Flow Diverter: Ergebnisse einer prospektiven Multizenterstudie 2019 (Jahrestagung der Deutschen Gesellschaft für Neuroradiologie, Frankfurt).
- Taschner C: A prospective multicentre registry of patients treated for unruptured intracranial aneurysms with the Derivo flow diverter: procedural safety and core-lab adjudicated angiographic baseline results. 2019 (Kongress der World Federation of Interventional and Therapeutic Neuroradiology Neapel, Italien).
- Taschner C: Vorsitz: Aneurysms Imaging & Follow-Up 2019 (Kongress der World Federation of Interventional and Therapeutic Neuroradiology Neapel, Italien).
- Taschner C: Can Flow Diverters be used in ruptured aneurysms? 2019 (Advanced Live Interventional Course Essen (ALICE), Essen).
- Taschner C: Flow diverters in ruptured aneurysms 2019 (Complex Aneurysm Treatment Symposium Madrid, Spanien).
- Taschner C: Endovaskuläre Behandlung chronischer Subduralhämatome: Brauchen wir bald keine Neurochirurgen mehr? 2019 (6. Aachener Wintersymposium Neuroradiologie, Aachen).
- Urbach H: Cerebrale Bildgebung im höheren Lebensalter, Möglichkeiten und Grenzen in der Demenzdiagnostik 2019 (Update RSNA, Köln).
- Urbach H: Enzephalitis 2019 (Radiologisches Kolloq, Esslingen).
- Urbach H: Multimodale Bildgebung beim Schlaganfall: Wann, wie und warum? 2019 (VSRN, Baden-Baden).
- Urbach H: MR-Bildgebung bei fokaler Epilepsie 2019 (20. Basiskurs Neuroradiologie, Frankfurt).
- Urbach H: Epilepsie 2019 (Vortragsreihe „Neurozentrum“, Bielefeld).
- Urbach H: Liquorunterdruck- und Liquorüberdrucksyndrome 2019 (NeuroKolloquium, Klinikum Bad Hersfeld).
- Urbach H: Rolle der Bildgebung in der Demenzabklärung 2019 (Neuroradiologie Aktuell 2019, Hamburg).
- Urbach H: Antikörper-assoziierte Enzephalitiden 2019 (Neuroradiologie Aktuell 2019, Hamburg).
- Urbach H: Imaging von Temporallappen und Hippocampus 2019 (NRAD Symposium, München).
- Urbach H: Toxisch-metabolische Enzephalopathien 2019 (Update Neuroradiologie, Freiburg).
- Urbach H: Multimodale Bildgebung bei Gliomen 2019 (Update Neuroradiologie, Freiburg).
- Urbach H: Interdisziplinäres Management von Erkrankungen mit Liquorunter- und Liquorüberdruck 2019 (92. Kongress der Deutschen Gesellschaft für Neurologie, Stuttgart).
- Urbach H: Irrtümer und Fehler in der Neuroradiologie 2019 (54. Jahrestagung der DGNR, Frankfurt).
- Urbach H: Bildgebung bei Kopfschmerzen 2019 (Repetitorium- und Forum Neuroradiologicum, Mannheim).
- Vogel P, Guggenberger K, Ludwig U, Raithel E, Forman C, Meckel S, Hennig J, Bley TA, Krafft AJ: 3D GUI zur automatisierten Darstellung intrakranieller Gefäßstrukturen 2019 (22.

Jahrestagung der Deutschen Sektion Internationale Gesellschaft Magn. Reson. Med. (ISMRM-DS) 2019, Kiel).

- Vogel P, Ludwig U, Raithel E, Meckel S, Hennig J, Bley TA, Krafft AJ: A Dedicated Framework for Intracranial Vessel Wall Imaging: Optimized 3D Dark-blood Imaging and Automated Post-processing 2019 (ISMRM 27th Annual Meeting & Exhibition, Montreal, Canada).
- Würtemberger U: MR Spectroscopy-based radiogenomic analysis of brain tumor patients 2019 (Jahrestagung der DGMR, Frankfurt).