

Publikationen 2020
Schlaganfall- und Neurozentrum KSA

- 1) Andereggen L, Baebler S, Anon J, Remonda L, Fandino J, Marbacher S. Three-dimensional visualization of aneurysm wall calcification by cerebral angiography: Technical case report. *J Clin Neurosci*. 2020 Mar;73:290-293. doi: 10.1016/j.jocn.2020.02.008. Epub 2020 Feb 15. PMID: 32067827.
- 2) Croci D, Nevzati E, Muroi C, Schöpf S, Hornemann T, Widmer HR, Danura H, Fandino J, Marbacher S. Changes in the cerebrospinal fluid lipid profile following subarachnoid hemorrhage in a closed cranium model: Correlations to cerebral vasospasm, neuronal cell death and Interleukin-6 synthesis. A pilot study. *J Stroke Cerebrovasc Dis*. 2020 Sep;29(9):105054. doi: 10.1016/j.jstrokecerebrovasdis.2020.105054. Epub 2020 Jun 23. PMID: 32807460.
- 3) Fierstra J, Anon J, Mendelowitsch I, Fandino J, Diepers M, Remonda L, Marbacher S. Amended Intraoperative Neuronavigation: Three-Dimensional Vascular Roadmapping with Selective Rotational Digital Subtraction Angiography. *World Neurosurg*. 2020 Mar;135:183-187. doi: 10.1016/j.wneu.2019.12.055. Epub 2019 Dec 19. PMID: 31863893.
- 4) Greuter L, Lutz K, Fandino J, Mariani L, Guzman R, Soleman J. Drain type after burr-hole drainage of chronic subdural hematoma in geriatric patients: a subanalysis of the cSDH-Drain randomized controlled trial. *Neurosurg Focus*. 2020 Oct;49(4):E6. doi: 10.3171/2020.7.FOCUS20489. PMID: 33002868.
- 5) Gruber P, Berberat J, Kahles T, Anon J, Diepers M, Nedeltchev K, Remonda L. Angioplasty Using Drug-Coated Balloons in Ostial Vertebral Artery Stenosis. *Ann Vasc Surg*. 2020 Apr;64:157-162. doi: 10.1016/j.avsg.2019.10.043. Epub 2019 Oct 19. PMID: 31639484.
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- 7) Gruber P, Diepers M, von Hessling A, Weber J, Kahles T, Anon J, Berberat J, Nedeltchev K, Liebeskind DS, Remonda L. Mechanical thrombectomy using the new Tigertriever in acute ischemic stroke patients - A Swiss prospective multicenter study. *Interv Neuroradiol*. 2020 Oct;26(5):598-601. doi: 10.1177/1591019920946499. Epub 2020 Jul 27. PMID: 32720822; PMCID: PMC7645173.
- 8) Gruber P, Remonda L. Device profile of different paclitaxel-coated balloons: Neuro Elutax SV, Elutax '3' Neuro and SeQuent Please NEO for the treatment of symptomatic intracranial high-grade stenosis: overview of their feasibility and safety. *Expert Rev Med Devices*. 2020 Feb;17(2):87-92. doi: 10.1080/17434440.2020.1719829. Epub 2020 Jan 30. PMID: 31962054.

- 9) Grüter BE, Croci D, Schöpf S, Nevzati E, d'Allonzo D, Lattmann J, Roth T, Bircher B, Muroi C, Dutilh G, Widmer HR, Plesnila N, Fandino J, Marbacher S. Systematic Review and Meta-analysis of Methodological Quality in In Vivo Animal Studies of Subarachnoid Hemorrhage. *Transl Stroke Res*. 2020 Dec;11(6):1175-1184. doi: 10.1007/s12975-020-00801-4. Epub 2020 Mar 15. PMID: 32172515.
- 10) Grüter BE, Wanderer S, Strange F, Sivanrupan S, von Gunten M, Widmer HR, Coluccia D, Andereggen L, Fandino J, Marbacher S. Comparison of Aneurysm Patency and Mural Inflammation in an Arterial Rabbit Sidewall and Bifurcation Aneurysm Model under Consideration of Different Wall Conditions. *Brain Sci*. 2020 Mar 27;10(4):197. doi: 10.3390/brainsci10040197. PMID: 32230757; PMCID: PMC7226569.
- 11) Kahles T, Michel P, Hapfelmeier A, Eberli FR, Zedde M, Thijs V, Kraemer M, Engelster ST, Serena J, Weimar C, Mallmann A, Luft A, Hemelsoet D, Thaler DE, Müller-Eichelberg A, De Pauw A, Sztajzel R, Armon C, Kent DM, Meier B, Mattle HP, Fischer U, Arnold M, Mono ML, Nedeltchev K; International PFO Consortium NCT00859885. Prior Stroke in PFO Patients Is Associated With Both PFO-Related and -Unrelated Factors. *Front Neurol*. 2020 Jun 4;11:503. doi: 10.3389/fneur.2020.00503. PMID: 32582015; PMCID: PMC7289181.
- 12) Kamenova M, Lutz K, Schaedelin S, Fandino J, Mariani L, Soleman J. Subperiosteal versus Subdural Drain After Burr-hole Drainage Under Blood Thinners: A Subanalysis of the cSDH-Drain RCT. *World Neurosurg*. 2020 Jul;139:e113-e120. doi: 10.1016/j.wneu.2020.03.134. Epub 2020 Apr 2. PMID: 32247794.
- 13) Kamenova M, Wanderer S, Lipps P, Marbacher S, Mariani L, Soleman J. In Reply to the Letter to the Editor Regarding "When the Drain Hits the Brain". *World Neurosurg*. 2020 Jul;139:691. doi: 10.1016/j.wneu.2020.04.075. PMID: 32689682.
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- 16) Marbacher S, Kienzler JC, Mendelowitsch I, D'Alonzo D, Andereggen L, Diepers M, Remonda L, Fandino J. Comparison of Intra- and Postoperative 3-Dimensional Digital Subtraction Angiography in Evaluation of the Surgical Result After Intracranial Aneurysm Treatment. *Neurosurgery*. 2020 Sep 15;87(4):689-696. doi: 10.1093/neuros/nyz487. PMID: 31748795.
- 17) Marbacher S, Strange F, Frösén J, Fandino J. Preclinical extracranial aneurysm models for the study and treatment of brain aneurysms: A systematic review. *J Cereb Blood Flow Metab*. 2020 May;40(5):922-938. doi: 10.1177/0271678X20908363. Epub 2020 Mar 3. PMID: 32126875; PMCID: PMC7181093.

- 18) Marbacher S, Wanderer S, Strange F, Grüter BE, Fandino J. Saccular Aneurysm Models Featuring Growth and Rupture: A Systematic Review. *Brain Sci.* 2020 Feb 13;10(2):101. doi: 10.3390/brainsci10020101. PMID: 32069946; PMCID: PMC7071455.
- 19) Marbacher S, Zhang JH. Experimental and Clinical Treatment of Subarachnoid Hemorrhage after the Rupture of Saccular Intracranial Aneurysms. *Brain Sci.* 2020 Jun 15;10(6):371. doi: 10.3390/brainsci10060371. PMID: 32549233; PMCID: PMC7348782.
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- 22) Strange F, Gruter BE, Fandino J, Marbacher S. Preclinical Intracranial Aneurysm Models: A Systematic Review. *Brain Sci.* 2020 Feb 27;10(3):134. doi: 10.3390/brainsci10030134. PMID: 32120907; PMCID: PMC7139747.
- 23) Strange F, Kienzler J, Muehleisen B, Diepers M, Fandino J, Remonda L, Marbacher S. Early Rupture of a Giant Basilar Artery Aneurysm after LEO Stenting: Case Report and Review of the Literature. *J Neurol Surg A Cent Eur Neurosurg.* 2020 Mar;81(2):177-184. doi: 10.1055/s-0039-1693108. Epub 2020 Jan 14. PMID: 31935782.
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- 27) Wanderer S, Grüter BE, Strange F, Sivanrupan S, Di Santo S, Widmer HR, Fandino J, Marbacher S, Anderegg L. The Role of Sartans in the Treatment of Stroke and Subarachnoid Hemorrhage: A Narrative Review of Preclinical and Clinical Studies. *Brain*

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