



Jan-Karl Burkhardt

Contact

Jan-Karl Burkhardt

Publications (41)

El Rahal A, Beck J, Ahlborn P, Bernasconi C, Marbacher S, Wanderer S, Burkhardt J, Daniel R, Ferrari A, Hausmann O, Kamenova M, Kothbauer K, Lutz K, Mariani L, Alfieri A, Schöni D, Schucht P, Raabe A, Regli L, Kuhlen D, Seule M, Soleman J, Starnoni D, Zaldivar J, Zweifel C, Schaller K, Fung C. Incidence, therapy, and outcome in the management of chronic subdural hematoma in Switzerland: a population-based multicenter cohort study. *Front Neurol* 2023; 14:1206996.

Goldberg J, Z'Graggen W, Hlavica M, Branca M, Marbacher S, D'Alonzo D, Fandino J, Stienen M, Neidert M, Burkhardt J, Regli L, Seule M, Roethlisberger M, Guzman R, Zumofen D, Maduri R, Daniel R, El Rahal A, Corniola M, Bijlenga P, Schaller K, Rölz R, Scheiwe C, Shah M, Heiland D, Schnell O, Beck J, Raabe A, Fung C. Quality of Life After Poor-Grade Aneurysmal Subarachnoid Hemorrhage. *Neurosurgery* 2023

Roethlisberger M, Aghlmandi S, Rychen J, Chiappini A, Zumofen D, Bawarjan S, Stienen M, Fung C, D'Alonzo D, Maldaner N, Steinsiepe V, Corniola M, Goldberg J, Cianfoni A, Robert T, Maduri R, Saliou G, Starnoni D, Weber J, Seule M, Gralla J, Bervini D, Kulcsar Z, Burkhardt J, Bozinov O, Remonda L, Marbacher S, Lovblad K, Psychogios M, Bucher H, Mariani L, Bijlenga P, Blackham K, Guzman R, Swiss SOS group. Impact of Very Small Aneurysm Size and Anterior Communicating Segment Location on Outcome after Aneurysmal Subarachnoid Hemorrhage. *Neurosurgery* 2022; 92:370-381.

Raabe A, Beck J, Goldberg J, Z'Graggen W, Branca M, Marbacher S, D'Alonzo D, Fandino J, Stienen M, Neidert M, Burkhardt J, Regli L, Hlavica M, Seule M, Roethlisberger M, Guzman R, Zumofen D, Maduri R, Daniel R, El Rahal A, Corniola M, Bijlenga P, Schaller K, Rölz R, Scheiwe C, Shah M, Heiland D, Schnell O, Fung C. Herniation World Federation of Neurosurgical Societies Scale Improves Prediction of Outcome in Patients With Poor-Grade Aneurysmal Subarachnoid Hemorrhage. *Stroke* 2022; 53:2346-2351.

Maldaner N, Burkhardt J, Chiappini A, Robert T, Schatlo B, Schmid J, Maduri R, Staartjes V, Seule M, Weyerbrock A, Serra C, Stienen M, Bozinov O, Daniel R, Fandino J, Marbacher S, Zeitlberger A, Sosnova M, Goldberg J, Fung C, Bervini D, May A, Bijlenga P, Schaller K, Roethlisberger M, Rychen J, Zumofen D, D'Alonzo D, Regli L. Development of a Complication- and Treatment-Aware Prediction Model for Favorable Functional Outcome in Aneurysmal Subarachnoid Hemorrhage Based on Machine Learning. *Neurosurgery* 2021; 88:E150-E157.

Schaller K, Finkenstädt S, Dan-Ura H, Ferrari A, Bernays R, Eisenring C, Maduri R, Mostaguir K, Kulcsar Z, Maldaner N, Woernle C, Starnoni D, Z'Graggen W, Gasche Y, Sarrafzadeh A, Jakob S, Bijlenga P, Keller E, Raabe A, Beck J, Guzman R, Mariani L, Landolt H, Hildebrandt G, Levivier M, Regli L, Baumann F, Corniola M, Gralla J, Diepers M, Nevzati E, D'Alonzo D, Reinert M, Marbacher S, Bervini D, Burkhardt J, Daniel R, Zumofen D, Smoll N, Fandino J, Fathi A, Stienen M, Fung C, Ahlborn P, Mendes Pereira V, Roethlisberger M, Goldberg J, Schöni D, Rohde V, Robert T, Sailer M, Perren F, Venier A, Woernle K, Weyerbrock A, Remonda L, Kerkeni H, Seule M, Schatlo B. Incidence and Outcome of Aneurysmal Subarachnoid Hemorrhage: The Swiss Study on Subarachnoid Hemorrhage (Swiss SOS). *Stroke* 2020; 52:344-347.

Maldaner N, Maduri R, Daniel R, Burkhardt J, Chiappini A, Robert T, Schatlo B, Seule M, Weyerbrock A, Regli L, Stienen M, Fandino J, Marbacher S, Steinsiepe V, Goldberg J, Fung C, Bervini D, May A, Bijlenga P, Schaller K, Roethlisberger M, Zumofen D, D'Alonzo D, Swiss SOS study group. Patterns of care for ruptured aneurysms of the middle cerebral artery: analysis of a Swiss national database (Swiss SOS). *J Neurosurg* 2019;1-10.

Starnoni D, Marbacher S, D'Alonzo D, Remonda L, Machi P, Gralla J, Bijlenga P, Saliou G, Ballabeni P, Levivier M, Swiss SOS group, Messerer M, Blackham K, Roethlisberger M, Maduri R, Al Taha K, Bervini D, Zumofen D, Stienen M, Schatlo B, Fung C, Robert T, Seule M, Burkhardt J, Maldaner N, Daniel R. Correction to: Ruptured PICA aneurysms: presentation and treatment outcomes compared to other posterior circulation aneurysms. A Swiss SOS study. *Acta Neurochir (Wien)* 2019; 161:1335-1336.

Roethlisberger M, Achermann R, Bawarjan S, Stienen M, Fung C, D'Alonzo D, Maldaner N, Ferrari A, Corniola M, Schöni D, Goldberg J, Valsecchi D, Robert T, Maduri R, Seule M, Burkhardt J, Marbacher S, Bijlenga P, Blackham K, Bucher H, Mariani L, Guzman R, Zumofen D, Swiss SOS group. Impact of Aneurysm Multiplicity on Treatment and Outcome After Aneurysmal Subarachnoid Hemorrhage. *Neurosurgery* 2019; 84:E334-E344.

Starnoni D, Marbacher S, D'Alonzo D, Remonda L, Machi P, Gralla J, Bijlenga P, Saliou G, Ballabeni P, Levivier M, Messerer M, Swiss SOS group, Blackham K, Röthlisberger M, Maduri R, Al Taha K, Bervini D, Zumofen D, Stienen M, Schatlo B, Fung C, Robert T, Seule M, Burkhardt J, Maldaner N, Daniel R. Ruptured PICA aneurysms: presentation and treatment outcomes compared to other posterior circulation aneurysms. A Swiss SOS study. *Acta Neurochir (Wien)* 2019; 161:1325-1334.

Maduri R, Marbacher S, D'Alonzo D, Remonda L, Machi P, Gralla J, Bijlenga P, Saliou G, Ballabeni P, Levivier M, Messerer M, Daniel R, Blackham K, Röthlisberger M, Starnoni D, Rocca A, Bervini D, Zumofen D, Stienen M, Schatlo B, Fung C, Robert T, Seule M, Burkhardt J, Maldaner N, Swiss SOS group. Correction to: Ruptured posterior circulation aneurysms: epidemiology, patterns of care, and outcomes from the Swiss SOS national registry. *Acta Neurochir (Wien)* 2019; 161:781.

Maduri R, Marbacher S, D'Alonzo D, Remonda L, Machi P, Gralla J, Bijlenga P, Saliou G, Ballabeni P, Levivier M, Messerer M, Daniel R, Blackham K, Röthlisberger M, Starnoni D, Rocca A, Bervini D, Zumofen D, Stienen M, Schatlo B, Fung C, Robert T, Seule M, Burkhardt J, Maldaner N, Swiss SOS group. Ruptured posterior circulation aneurysms: epidemiology, patterns of care, and outcomes from the Swiss SOS national registry. *Acta Neurochir (Wien)* 2019; 161:769-779.

Neidert M, Maldaner N, Stienen M, Roethlisberger M, Zumofen D, D'Alonzo D, Marbacher S, Maduri R, Hostettler I, Schatlo B, Schneider M, Seule M, Schöni D, Goldberg J, Fung C, Arrighi M, Valsecchi D, Bijlenga P, Schaller K, Bozinov O, Regli L, Burkhardt J, Swiss SOS study group. The Barrow Neurological Institute Grading Scale as a Predictor for Delayed Cerebral Ischemia and Outcome After Aneurysmal Subarachnoid Hemorrhage: Data From a Nationwide Patient Registry (Swiss SOS). *Neurosurgery* 2018; 83:1286-1293.

Zumofen D, Roethlisberger M, Achermann R, Bawarjan S, Stienen M, Fung C, D'Alonzo D, Maldaner N, Ferrari A, Corniola M, Schoeni D, Goldberg J, Valsecchi D, Robert T, Maduri R, Seule M, Burkhardt J, Marbacher S, Bijlenga P, Blackham K, Bucher H, Mariani L, Guzman R, Swiss SOS study group. Factors associated with clinical and radiological status on admission in patients with aneurysmal subarachnoid hemorrhage. *Neurosurg Rev* 2018; 41:1059-1069.

Stienen M, Germans M, Burkhardt J, Neidert M, Fung C, Bervini D, Zumofen D, Röthlisberger M, Marbacher S, Maduri R, Robert T, Seule M, Bijlenga P, Schaller K, Fandino J, Smoll N, Maldaner N, Finkenstädt S, Esposito G, Schatlo B, Keller E, Bozinov O, Regli L, Swiss SOS study group. Predictors of In-Hospital Death After Aneurysmal Subarachnoid Hemorrhage: Analysis of a Nationwide Database (Swiss SOS [Swiss Study on Aneurysmal Subarachnoid Hemorrhage]). *Stroke* 2018; 49:333-340.

Burkhardt J, Bal C, Neidert M, Bozinov O. The Transcondylar Approach to Access Symptomatic Arachnoid Cysts of the Hypoglossal Canal. *Oper Neurosurg (Hagerstown)* 2018; 14:E23-E25.

Roethlisberger M, Achermann R, Bawarjan S, Stienen M, Fung C, D'Alonzo D, Maldaner N, Ferrari A, Corniola M, Schöni D, Valsecchi D, Maduri R, Seule M, Burkhardt J, Marbacher S, Bijlenga P, Blackham K, Bucher H, Mariani L, Guzman R, Zumofen D, Swiss SOS study group. Predictors of Occurrence and Anatomic Distribution of Multiple Aneurysms in Patients with Aneurysmal Subarachnoid Hemorrhage. *World Neurosurg* 2017; 111:e199-e205.

Maldaner N, Bozinov O, Neidert M, Esposito G, Serra C, Daniel R, Maduri R, Marbacher S, D'Alonzo D, Zumofen D, Croci D, Bijlenga P, Bervini D, Goldberg J, Stienen M, Burkhardt J, Regli L. Decision-making and neurosurgeons' agreement in the management of aneurysmal subarachnoid haemorrhage based on computed tomography angiography. *Acta Neurochir (Wien)* 2017; 160:253-260.

Neidert M, Schackert G, Wanet T, Gläsker S, Griessenauer C, Ogilvy C, Kneist A, Sure U, Seifert B, Regli L, Bozinov O, Podlesek D, Hayase M, Lawton M, Kim L, Nerva J, Kurisu K, Ikawa F, Konczalla J, Dinc N, Seifert V, Habdank-Kolaczkowski J, Hatano T, Burkhardt J. International multicentre validation of the arteriovenous malformation-related intracerebral haemorrhage (AVICH) score. *J Neurol Neurosurg Psychiatry* 2017; 89:1163-1166.

Maldaner N, Regli L, Bozinov O, Neidert M, Esposito G, Serra C, Daniel R, Maduri R, Marbacher S, Dalonzo D, Zumofen D, Croci D, Bijlenga P, Stienen M, Burkhardt J. Interrater Agreement in the Radiologic Characterization of Ruptured Intracranial Aneurysms Based on Computed Tomography Angiography. *World Neurosurg* 2017; 103:876-882.e1.

Burkhardt J, Regli L, Bozinov O, Schaller K, Bijlenga P, Schatlo B, Tok S, Valsecchi D, Maduri R, Bervini D, Corniola M, Roethlisberger M, Fung C, Schöni D, Stienen M, Neidert M. Computed tomography angiography spot sign predicts intraprocedural aneurysm rupture in subarachnoid hemorrhage. *Acta Neurochir (Wien)* 2017

Gunnarut I, Burkhardt J, Neidert M, Bozinov O. Letter: Endoscopic and Gravity-Assisted Resection of Medial Temporo-occipital Lesions Through a Supracerebellar Transtentorial Approach: Technical Notes With Case Illustrations. *Oper Neurosurg (Hagerstown)* 2017; 13:E541-E542.

Neidert M, Sprenger M, Mader M, Esposito G, Hosp J, Bozinov O, Regli L, Burkhardt J. A High-Resolution Analysis on the Meteorological Influences on Spontaneous Intracerebral Hemorrhage Incidence. *World Neurosurg* 2016; 98:695-703.e19.

Neidert M, Lawton M, Mader M, Seifert B, Valavanis A, Regli L, Bozinov O, Burkhardt J. The AVICH Score: A Novel Grading System to Predict Clinical Outcome in Arteriovenous Malformation-Related Intracerebral Hemorrhage. *World Neurosurg* 2016; 92:292-297.

Fierstra J, Regli L, Valavanis A, Neidert M, Kocian R, Pangalu A, Piccirelli M, van Niftrik C, Burkhardt J, Bozinov O. Blood oxygen-level dependent functional assessment of cerebrovascular reactivity: Feasibility for intraoperative 3 Tesla MRI. *Magn Reson Med* 2016; 77:806-813.

Neidert M, Schmidt T, Mitova T, Fierstra J, Bellut D, Regli L, Burkhardt J, Bozinov O. Preoperative angiotensin converting enzyme inhibitor usage in patients with chronic subdural hematoma: Associations with initial presentation and clinical outcome. *J Clin Neurosci* 2016; 28:82-6.

Neidert M, Regli L, Woernle C, Eisele G, Kofmehl R, Held U, Mohme M, Burkhardt J, Hostettler I, Bozinov O. The influence of intraoperative resection control modalities on survival following gross total resection of glioblastoma. *Neurosurg Rev* 2016; 39:401-9.

Neidert M, Leske H, Burkhardt J, Kollias S, Capper D, Schrimpf D, Regli L, Rushing E. Synchronous pituitary adenoma and pituitaryoma. *Hum Pathol* 2015; 47:138-43.

Burkhardt J, Neidert M, Mohme M, Seifert B, Regli L, Bozinov O. Initial Clinical Status and Spot Sign Are Associated with Intraoperative Aneurysm Rupture in Patients Undergoing Surgical Clipping for Aneurysmal Subarachnoid Hemorrhage. *J Neurol Surg A Cent Eur Neurosurg* 2015; 77:130-8.

Könnecke H, Rushing E, Neidert M, Reimann R, Regli L, Bozinov O, Burkhardt J. Heterogeneous Appearance of Central Nervous System Involvement in Malignant Mixed Müllerian Tumors. *J Neurol Surg A Cent Eur Neurosurg* 2015; 77:447-51.

Neidert M, Karlin K, Actor B, Regli L, Bozinov O, Burkhardt J. Preoperative C-reactive protein predicts the need for repeated intracerebral brain abscess drainage. *Clin Neurol Neurosurg* 2015; 131:26-30.

Neidert M, Leske H, Burkhardt J, Rushing E, Bozinov O. A 44-year old male with right-sided facial numbness. Dura-associated extranodal marginal zone B cell lymphoma (MALT lymphoma). *Brain Pathol* 2015; 25:113-4.

Unsinn C, Neidert M, Burkhardt J, Holzmann D, Grotzer M, Bozinov O. Sellar and parasellar lesions - clinical outcome in 61 children. *Clin Neurol Neurosurg* 2014; 123:102-8.

Burkhardt J, Serra C, Neidert M, Woernle C, Fierstra J, Regli L, Bozinov O. High-frequency intra-operative ultrasound-guided surgery of superficial intra-cerebral lesions via a single-burr-hole approach. *Ultrasound Med Biol* 2014; 40:1469-75.

Neidert M, Sprenger M, Wernli H, Burkhardt J, Krayenbühl N, Bozinov O, Regli L, Woernle C. Meteorological influences on the incidence of aneurysmal subarachnoid hemorrhage - a single center study of 511 patients. *PloS one* 2013; 8:e81621.

Woernle C, Winkler K, Burkhardt J, Haile S, Bellut D, Neidert M, Bozinov O, Krayenbühl N, Bernays R. Hydrocephalus in 389 patients with aneurysm-associated subarachnoid hemorrhage. *J Clin Neurosci* 2013; 20:824-6.

Burkhardt J, Neidert M, Woernle C, Bozinov O, Bernays R. Intraoperative low-field MR-guided frameless stereotactic biopsy for intracerebral lesions. *Acta Neurochir (Wien)* 2013; 155:721-6.

Woernle C, Neidert M, Wulf M, Burkhardt J, Grunwald T, Bernays R. Excessively elevated C-reactive protein after surgery for temporal lobe epilepsy. *Clin Neurol Neurosurg* 2012; 115:1245-9.

Burkhardt J, Neidert M, Grotzer M, Krayenbühl N, Bozinov O. Surgical resection of pediatric skull base meningiomas. *Childs Nerv Syst* 2012; 29:83-7.

Neidert M, Woernle C, Burkhardt J, Reimann R, Hug E, Bernays R. Case report: Trabecular juvenile ossifying fibroma presenting as a sellar mass. *J Neurol Surg A Cent Eur Neurosurg* 2012; 74:405-9.

Muroi C, Burkhardt J, Hugelshofer M, Seule M, Mishima K, Keller E. Magnesium and the inflammatory response: potential pathophysiological implications in the management of patients with aneurysmal subarachnoid hemorrhage?. *Magnes Res* 2012; 25:64-71.

Projects (0)

No results found.

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

support.forschung@kssg.ch