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Publications (34)

El-Garci A, Zindel-Geisseler O, Dannecker N, Rothacher Y, Schlosser L, Zeitberger A, Velz J, Sebök M, Eggenberger N, May A, Bijlenga P, Guerra-Lopez U, Maduri R, Beaud V, Starnoni D, Chiappini A, Rossi S, Robert T, Bonasia S, Goldberg J, Fung C, Bervini D, Gutbrod K, Maldaner N, Früh S, Schwind M, Bozinov O, Neidert M, Brugger P, Keller E, Germans M, Regli L, Hostettler I, Stienen M, MoCA-DCI study group. Successful weaning versus permanent cerebrospinal fluid diversion after aneurysmal subarachnoid hemorrhage: post hoc analysis of a Swiss multicenter study. *Neurosurg Focus* 2023; 54:E3.

Akeret K, Buzzi R, Saxenhofer M, Bieri K, Chiavi D, Thomson B, Grüttner-Durmaz M, Schwendinger N, Humar R, Regli L, van Doormaal T, Held U, Keller E, Hugelshofer M, Schaer D, Hostettler I. The HeMoVal study protocol: a prospective international multicenter cohort study to validate cerebrospinal fluid hemoglobin as a monitoring biomarker for aneurysmal subarachnoid hemorrhage related secondary brain injury. *BMC Neurol* 2022; 22:267.

Stienen M, Germans M, Zindel-Geisseler O, Dannecker N, Rothacher Y, Schlosser L, Velz J, Sebök M, Eggenberger N, May A, Haemmerli J, Bijlenga P, Schaller K, Guerra-Lopez U, Maduri R, Beaud V, Al-Taha K, Daniel R, Chiappini A, Rossi S, Robert T, Bonasia S, Goldberg J, Fung C, Bervini D, Maradan-Gachet M, Gutbrod K, Maldaner N, Neidert M, Früh S, Schwind M, Bozinov O, Brugger P, Keller E, Marr A, Roux S, Regli L, MoCA-DCI study group, MoCA-DCI Study Group Contributors. Longitudinal neuropsychological assessment after aneurysmal subarachnoid hemorrhage and its relationship with delayed cerebral ischemia: a prospective Swiss multicenter study. *J Neurosurg* 2022; 137:1742-1750.

Sebök M, Hostettler I, Keller E, Rautalin I, Coert B, Vandertop W, Post R, Sardeha A, Tjerkstra M, Regli L, Verbaan D, Germans M. Prehemorrhage antiplatelet use in aneurysmal subarachnoid hemorrhage and impact on clinical outcome. *Int J Stroke* 2021; 17:545-552.

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.

Seule M, Oswald D, Muroi C, Brandi G, Keller E. Outcome, Return to Work and Health-Related Costs After Aneurysmal Subarachnoid Hemorrhage. *Neurocrit Care* 2020

Stienen M, Brugger P, Keller E, Smoll N, Schlosser L, Rothacher Y, Dannecker N, Sebök M, Maldaner N, Velz J, Geisseler O, Regli L. Influence of the Intensive Care Unit Environment on the Reliability of the Montreal Cognitive Assessment. *Front Neurol* 2019; 10:734.

Stienen M, Fung C, Bijlenga P, Zumofen D, Maduri R, Robert T, Seule M, Marbacher S, Geisseler O, Brugger P, Gutbrod K, Chicherio C, Monsch A, Beaud V, Rossi S, Früh S, Schmid N, Smoll N, Keller E, Regli L, MoCA-DCI study group. Measuring the Impact of Delayed Cerebral Ischemia on Neuropsychological Outcome After Aneurysmal Subarachnoid Hemorrhage-Protocol of a Swiss Nationwide Observational Study (MoCA-DCI Study). *Neurosurgery* 2019; 84:1124-1132.

Wang S, Yang Y, Velz J, Keller E, Luft A, Regli L, Neidert M, Bozinov O. Management of brainstem haemorrhages. *Swiss Med Wkly* 2019; 149:w20062.

Suarez J, Wong G, Vergouwen M, Torner J, Stienen M, Rufennacht D, Rinkel G, Morita A, Mayer S, Leroux P, Keller E, Etminan N, Derdeyn C, de Oliveira Manoel A, Brown R, Amin-Hanjani S, Macdonald R, Sheikh M, Unruptured Intracranial Aneurysms and SAH CDE Project Investigators. Common Data Elements for Unruptured Intracranial Aneurysms and Subarachnoid Hemorrhage Clinical Research: A National Institute for Neurological Disorders and Stroke and National Library of Medicine Project. *Neurocrit Care* 2019; 30:4-19.

Hostettler I, Muroi C, Richter J, Schmid J, Neidert M, Seule M, Boss O, Pangalu A, Germans M, Keller E. Decision tree analysis in subarachnoid hemorrhage: prediction of outcome parameters during the course of aneurysmal subarachnoid hemorrhage using decision tree analysis. *J Neurosurg* 2018; 129:1499-1510.

Stienen M, Smoll N, Fung C, Goldberg J, Bervini D, Maduri R, Chiappini A, Robert T, May A, Bijlenga P, Zumofen D, Röthlisberger M, Seule M, Marbacher S, Fandino J, Schatlo B, Schaller K, Keller E, Bozinov O, Regli L, Swiss SOS study group. Home-Time as a Surrogate Marker for Functional Outcome After Aneurysmal Subarachnoid Hemorrhage. *Stroke* 2018; 49:3081-3084.

Hugelshofer M, Sikorski C, Seule M, Deuel J, Muroi C, Seboek M, Akeret K, Buzzi R, Regli L, Schaer D, Keller E. Cell-Free Oxyhemoglobin in Cerebrospinal Fluid After Aneurysmal Subarachnoid Hemorrhage: Biomarker and Potential Therapeutic Target. *World Neurosurg* 2018; 120:e660-e666.

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.

Seule M, Isaak R, Sanchez-Porras R, Sakowitz O, Keller E, Unterberg A, Orakcioglu B. Evaluation of a New Brain Tissue Probe for Cerebral Blood Flow Monitoring in an Experimental Pig Model. *Neurosurgery* 2016; 79:905-911.

Seule M, Sikorski C, Sakowitz O, von Campe G, Santos E, Orakcioglu B, Unterberg A, Keller E. Evaluation of a New Brain Tissue Probe for Intracranial Pressure, Temperature, and Cerebral Blood Flow Monitoring in Patients with Aneurysmal Subarachnoid Hemorrhage. *Neurocrit Care* 2016; 25:193-200.

Seule M, Keller E, Unterberg A, Sakowitz O. The Hemodynamic Response of Spreading Depolarization Observed by Near Infrared Spectroscopy After Aneurysmal Subarachnoid Hemorrhage. *Neurocrit Care* 2015; 23:108-12.

Zweifel-Zehnder A, Keller E, Regli L, Fandino J, Mariani L, Raabe A, Daniel R, Reinert M, Robert T, Schatlo B, Bijlenga P, Schaller K, Monsch A, Fournier J, Hildebrandt G, Stienen M, Chicherio C, Studerus-Germann A, Bläsi S, Rossi S, Gutbrod K, Schmid N, Beaud V, Mondadori C, Brugger P, Sacco L, Müri R, Swiss SOS study group. Call for uniform neuropsychological assessment after aneurysmal subarachnoid hemorrhage: Swiss recommendations. *Acta Neurochir (Wien)* 2015; 157:1449-58.

Stienen M, Schaller K, Bijlenga P, Fandino J, Keller E, Hildebrandt G, Fathi A, Daniel R, Röthlisberger M, Fung C, Woernle C, Smoll N, Schatlo B (2014). Pattern of care of patients with ruptured MCA aneurysms in Switzerland - insights from a national database (Swiss SOS). Presented at: 6th ESMINT Congress, Nice, France

Muroi C, Lemb J, Hugelshofer M, Seule M, Bellut D, Keller E. Early systemic procalcitonin levels in patients with aneurysmal subarachnoid hemorrhage. *Neurocrit Care* 2014; 21:73-7.

Keller E, vonCampe G, Seule M (2014). A new multiparametric brain tissue probe for combined monitoring of intracranial pressure, cerebral blood flow and oxygenation.

Muroi C, Hugelshofer M, Seule M, Keller E. The impact of nonsteroidal anti-inflammatory drugs on inflammatory response after aneurysmal subarachnoid hemorrhage. *Neurocrit Care* 2014; 20:240-6.

Stienen M, Schatlo B, Schaller K, Bijlenga P, Sailer M, Mondadori C, Brugger P, Monsch A, Bläsi S, Gutbrod K, Müri R, Studerus-Germann A, Hildebrandt G, Keller E, Fung C, Fandino J, Weisshaupt R, on behalf of the Swiss SOS study group. Current practice in neuropsychological outcome reporting after aneurysmal subarachnoid haemorrhage. *Acta Neurochir (Wien)* 2013

Muroi C, Hugelshofer M, Seule M, Tastan I, Fujioka M, Mishima K, Keller E. Correlation among systemic inflammatory parameter, occurrence of delayed neurological deficits, and outcome after aneurysmal subarachnoid hemorrhage. *Neurosurgery* 2013; 72:367-75; discussion 375.

Muroi C, Seule M, Sikorski C, Dent W, Keller E. Systemic interleukin-6 levels reflect illness course and prognosis of patients with spontaneous nonaneurysmal subarachnoid hemorrhage. *Acta Neurochir Suppl* 2013; 115:77-80.

Seule M, Muroi C, Sikorski C, Keller E. Monitoring of cerebral hemodynamics and oxygenation to detect delayed ischemic neurological deficit after aneurysmal subarachnoid hemorrhage. *Acta Neurochir Suppl* 2013; 115:57-61.

Schatlo B, Stienen M, Levivier M, Hildebrandt G, Mariani L, Bernays R, Fandino J, Raabe A, Keller E, Woernle C, Reinert M, Zumofen D, Fung C, Fathi A, Sailer M, Winkler K, Daniel R, Bijlenga P, Ahlborn P, Seule M, Schaller K. Introducing a nationwide registry: the Swiss study on aneurysmal subarachnoid haemorrhage (Swiss SOS). *Acta Neurochir (Wien)* 2012; 154:2173-8; discussion 2178.

Seule M, Keller E. Hypothermia after aneurysmal subarachnoid hemorrhage. *Critical Care* 2012; 16:21-24.

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.

Muroi C, Seule M, Mishima K, Keller E. Novel treatments for vasospasm after subarachnoid hemorrhage. *Curr Opin Crit Care* 2012; 18:119-26.

Seule M, Keller E. Subarachnoid Hemorrhage. In: *Therapeutic Hypothermia - Principles, Indications, Practical Application*. UNI-MED Verlag, 2012. pp. 59-64.

Keller E, Dent W, Seule M. Intensivbehandlung von zerebralen Vasospasmen. In: *Intensivmedizin*. EcoMed Medizin Verlag, 2011.

Keller E, Mudra R, Gugl C, Seule M, Mink S, Fröhlich J. Theoretical evaluations of therapeutic systemic and local cerebral hypothermia. *J Neurosci Methods* 2009; 178:345-9.

Seule M, Muroi C, Mink S, Yonekawa Y, Keller E. Therapeutic hypothermia in patients with aneurysmal subarachnoid hemorrhage, refractory intracranial hypertension, or cerebral vasospasm. *Neurosurgery* 2009; 64:86-92; discussion 92-3.

Projects (0)

No results found.

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