



Dr. Dr. Philippe Bijlenga

Contact

Dr. Dr. Philippe Bijlenga
Switzerland

Publications (37)

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.

Bakker M, Kanning J, Abraham G, Martinsen A, Winsvold B, Zwart J, Bourcier R, Sawada T, Koido M, Kamatani Y, Morel S, Amouyel P, Debette S, Bijlenga P, Berrandou T, Ganesh S, Bouatia-Naji N, Jones G, Bown M, Rinkel G, Veldink J, Ruigrok Y, Hostettler I. Genetic Risk Score for Intracranial Aneurysms: Prediction of Subarachnoid Hemorrhage and Role in Clinical Heterogeneity. *Stroke* 2023

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.

Gaastra B, Alexander S, Bakker M, Bhagat H, Bijlenga P, Blackburn S, Collins M, Doré S, Griessenauer C, Hendrix P, Hong E, Hostettler I, Houlden H, Ihara K, Jeon J, Kim B, Li J, Morel S, Nyquist P, Ren D, Ruigrok Y, Werring D, Tapper W, Galea I, Bulters D. A Genome-Wide Association Study of Outcome After Aneurysmal Subarachnoid Haemorrhage: Discovery Analysis. *Transl Stroke Res* 2022

Maldaner N, Visser V, Hostettler I, Bijlenga P, Haemmerli J, Roethlisberger M, Guzman R, Daniel R, Giammattei L, Stienen M, Regli L, Verbaan D, Post R, Germans M. External Validation of the HATCH (Hemorrhage, Age, Treatment, Clinical State, Hydrocephalus) Score for Prediction of Functional Outcome After Subarachnoid Hemorrhage. *Neurosurgery* 2022; 91:906-912.

Morel S, Hostettler I, Spinner G, Bourcier R, Pera J, Meling T, Alg V, Houlden H, Bakker M, Van't Hof F, Rinkel G, Foroud T, Lai D, Moomaw C, Worrall B, Caroff J, Constant-Dits-Beaufils P, Karakachoff M, Rimbert A, Rouchaud A, Gaal-Paavola E, Kaukovalta H, Kivisaari R, Laakso A, Jahromi B, Tulamo R, Friedrich C, Dauvillier J, Hirsch S, Isidor N, Kulcsar Z, Lovblad K, Martin O, Machi P, Mendes Pereira V, Rüfenacht D, Schaller K, Schilling S, Slowik A, Jaaskelainen J, von Und Zu Fraunberg M, Jiménez-Conde J, Cuadrado-Godia E, Soriano-Tárraga C, Millwood I, Walters R, The neurIST Project, The Ican Study Group, Genetics And Observational Subarachnoid Haemorrhage Gosh Study Investigators, International Stroke Genetics Consortium Isgc, Kim H, Redon R, Ko N, Rouleau G, Lindgren A, Niemelä M, Desal H, Woo D, Broderick J, Werring D, Ruigrok Y, Bijlenga P. Intracranial Aneurysm Classifier Using Phenotypic Factors: An International Pooled Analysis. *J Pers Med* 2022; 12

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.

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.

Gaastra B, Alexander S, Bakker M, Bhagat H, Bijlenga P, Blackburn S, Collins M, Doré S, Griessenauer C, Hendrix P, Hong E, Hostettler I, Houlden H, Ihara K, Jeon J, Kim B, Kumar M, Morel S, Nyquist P, Ren D, Ruigrok Y, Werring D, Galea I, Bulters D, Tapper W. Genome-Wide Association Study of Clinical Outcome After Aneurysmal Subarachnoid Haemorrhage: Protocol. *Transl Stroke Res* 2022; 13:565–576.

Nouri A, Haemmerli J, Lavé A, Vayssiere P, Constanthin P, Al-Awadhi A, Zegarek G, Janssen I, Clusmann H, Freyschlag C, Goldberg J, Czabanka M, Stienen M, Bijlenga P, Schaller K. Current state of social media utilization in neurosurgery amongst European Association of Neurosurgical Societies (EANS) member countries. *Acta Neurochir (Wien)* 2021; 164:15–23.

Ruigrok Y, Sargurupremraj M, Dichgans M, Malik R, Klijn C, Zaroff J, Breen G, Coleman J, Kim H, Ko N, Bown M, Jones G, Martin O, Dauvillier J, Schilling S, Hirsch S, Tatlisumak T, Amouyel P, Debette S, Veldink J, Kamatani Y, Bijlenga P, Redon R, Woo D, Werring D, Broderick J, Lindgren A, von Und Zu Fraunberg M, Jaaskelainen J, Niemelä M, Gaal-Paavola E, Slowik A, Pera J, Worrall B, Rinkel G, Friedrich C, Verschuren W, Zwart J, Chen Z, Millwood I, Liang L, Lin K, Walters R, Matsuda K, Terao C, Akiyama M, Koido M, van Eijk K, Alg V, Hostettler I, Bourcier R, Morel S, van Rheenen W, van der Spek R, Rouleau G, Zhou S, Rannikmäe K, Hveem K, Willer C, Sandvei M, Brumpton B, Johnsen M, Børte S, Winsvold B, Desal H, Eugène F, Shotar E, Gentric J, Naggara O, Dina C, van den Berg L, Houlden H, Sudlow C, Bakker M. Author Correction: Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. *Nat Genet* 2021; 53:254.

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.

Ruigrok Y, Sargurupremraj M, Dichgans M, Malik R, Klijn C, Zaroff J, Breen G, Coleman J, Kim H, Ko N, Bown M, Jones G, Martin O, Dauvillier J, Schilling S, Hirsch S, Tatlisumak T, Amouyel P, Debette S, Veldink J, Kamatani Y, Bijlenga P, Redon R, Woo D, Werring D, Broderick J, Lindgren A, von Und Zu Fraunberg M, Jaaskelainen J, Niemelä M, Gaal-Paavola E, Slowik A, Pera J, Worrall B, Rinkel G, Friedrich C, Verschuren W, Zwart J, Chen Z, Millwood I, Liang L, Lin K, Walters R, Matsuda K, Terao C, Akiyama M, Koido M, van Eijk K, Alg V, Hostettler I, Bourcier R, Morel S, van Rheenen W, van der Spek R, Rouleau G, Zhou S, Rannikmäe K, Hveem K, Willer C, Sandvei M, Brumpton B, Johnsen M, Børte S, Winsvold B, Desal H, Eugène F, Shotar E, Gentric J, Naggara O, Dina C, van den Berg L, Houlden H, Sudlow C, Bakker M. Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. *Nat Genet* 2020; 52:1303–1313.

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.

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.

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.

Stienen M, Smoll N, Fung C, Goldberg J, Bervini D, Maduri R, Chiappini A, Robert T, May A, Bijlenga P, Zumofen D, Roethlisberger 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.

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.

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.

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

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, Bijlenga P, Schaller K, Hildebrandt G, Fandino J, Fathi A, Daniel R, Röthlisberger M, Fung C, Woernle C, Schatlo B, Battaglia M, Smoll N, SWISS SOS Investigators. Intracranial aneurysm rupture is predicted by measures of solar activity. *World Neurosurg* 2014

Stienen M, Bijlenga P, Schaller K, Hildebrandt G, Gautschi O. Behandlungsstrategien für zerebrale kavernomatöse Malformationen. *Praxis (Bern 1994)* 2014; 103:1447-63.

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

Stienen M, Schaller K, Hildebrandt G, Fathi A, Daniel R, Röthlisberger M, Fung C, Woernle C, Schatlo B, Battaglia M, Smoll N, Bijlenga P (2014). Is intracranial aneurysm rupture related to solar activity?.

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

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.

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