



Prof. Dr. med. Pasquale Mordasini

Contact

Prof. Dr. med. Pasquale Mordasini
Rorschacherstrasse 95
9007 St. Gallen

T +41 71 494 9682
Pasquale.Mordasini@kssg.ch

Units

Radiologie und Nuklearmedizin

Publications (48)

Wagner F, Almeida G, Willems E, Weber J, Geiss J, Hundsberger T, Mordasini P, Wildermuth S, Leschka S, Wälti S, Dietrich T, Fischer T. Temporal evolution of primary angiitis of the central nervous system (PACNS) on MRI following immunosuppressant treatment. *Insights Imaging* 2024; 15:140.

Schuler F, Ribó M, Dequatre-Ponchelle N, Rémi J, Dobrocky T, Goeldlin M, Gralla J, Kaesmacher J, Meinel T, Mordasini P, Seiffge D, Fischer U, Arnold M, Kägi G, Jung S. Geographical Requirements for the Applicability of the Results of the RACECAT Study to Other Stroke Networks. *J Am Heart Assoc* 2023; 12:e029965.

Mendes Pereira V, Rice H, De Villiers L, Sourour N, Clarencon F, Spears J, Tomasello A, Hernandez D, Cancelliere N, Liu X, Nicholson P, Costalat V, Gascou G, Mordasini P, Gralla J, Martínez-Galdámez M, Galvan Fernandez J, Killer-Oberpfalzer M, Liebeskind D, Turner R, Blanc R, Plotin M. Evaluation of effectiveness and safety of the CorPath GRX robotic system in endovascular embolization procedures of cerebral aneurysms. *J Neurointerv Surg* 2023

Leu S, Ardila Jurado E, Mordasini P, Hechelhammer L. Treatment of an Acute Common Carotid Artery Occlusion Using a Large-Bore Aspiration Thrombectomy Device. *J Vasc Interv Radiol* 2023; 34:1638-1639.

Beyeler M, Pohle F, Weber L, Mueller M, Kurmann C, Mujanovic A, Clénin L, Piechowiak E, Meinel T, Bücke P, Jung S, Seiffge D, Pilgram-Pastor S, Dobrocky T, Arnold M, Gralla J, Fischer U, Mordasini P, Kaesmacher J. Long-Term Effect of Mechanical Thrombectomy in Stroke Patients According to Advanced Imaging Characteristics. *Clin Neuroradiol* 2023

Palazzo P, Padlina G, Dobrocky T, Strambo D, Seners P, Mechtouff L, Turc G, Rosso C, Almiri W, Antonenko K, Laksiri N, Sibon I, Detante O, Mordasini P, Michel P, Heldner M, MINOR STROKE Collaborators. Relevance of National Institutes of Health Stroke Scale subitems for best revascularization therapy in minor stroke patients with large vessel occlusion: An observational multicentric study. *Eur J Neurol* 2023; 30:3741-3750.

Radojewski P, Dobrocky T, Branca M, Almiri W, Correia M, Raabe A, Bervini D, Gralla J, Wiest R, Mordasini P. Reply: Diagnosis of Small Unruptured Intracranial Aneurysms: Comparison of 7 T Versus 3 T MRI. *Clin Neuroradiol* 2023

Nordmeyer H, Belachew N, Phung T, Gralla J, Molina Gil S, Douglas A, Neuhaus S, Haage P, Doyle K, Mordasini P. NIMBUS geometric clot extractor for challenging clots: Real-world clinical experience and clot composition. *Interv Neuroradiol* 2023;15910199231167912.

Schwarzwald A, Fischer U, Seiffge D, Beyeler M, Scutelnic A, Kaesmacher J, Mordasini P, Dobrocky T, Gralla J, Heldner M, Umarova R, Meinel T, Arnold M, Jung S, Simonetti B. Impact of sex in stroke in the young. *PloS one* 2023; 18:e0274722.

Radojewski P, Dobrocky T, Branca M, Almiri W, Correia M, Raabe A, Bervini D, Gralla J, Wiest R, Mordasini P. Diagnosis of Small Unruptured Intracranial Aneurysms : Comparison of 7 T versus 3 T MRI. *Clin Neuroradiol* 2023

Dobrocky T, Matzinger M, Piechowiak E, Kaesmacher J, Pilgram-Pastor S, Goldberg J, Bervini D, Klail T, Mendes Pereira V, Z'Graggen W, Raabe A, Mordasini P, Gralla J. Benefit of Advanced 3D DSA and MRI/CT Fusion in Neurovascular Pathology. *Clin Neuroradiol* 2023; 33:669-676.

Sabben C, Charbonneau F, Delvoye F, Strambo D, Heldner M, Ong E, Ter Schiphorst A, Hénon H, Ben Hassen W, Agasse-Lafont T, Legris L, Sibon I, Wolff V, Sablot D, Elhorany M, Preterre C, Nehme N, Soize S, Weisenburger-Lile D, Triquenot-Bagan A, Mione G, Aignatoaie A, Papassin J, Poll R, Béjot Y, Carrera E, Garnier P, Michel P, Saliou G, Mordasini P, Berthezene Y, Costalat V, Bricout N, Albers G, Mazighi M, Turc G, Seners P, ACAPULCO Collaborators. Endovascular Therapy or Medical Management Alone for Isolated Posterior Cerebral Artery Occlusion: A Multicenter Study. *Stroke* 2023; 54:928-937.

Maulucci F, Disanto G, Bianco G, Pileggi M, Fischer U, Padlina G, Strambo D, Michel P, Kahles T, Nedeltchev K, Fisch U, Bonati L, Kägi G, Escribano Paredes J, Carrera E, Nyffeler T, Bolognese M, Wegener S, Luft A, Schelosky L, Medlin F, von Reding A, Peters N, Tissot-Renaud S, Mono M, Remonda L, Machi P, Psychogios M, Kaesmacher J, Mordasini P, Cereda C. Endovascular therapy outcome in isolated posterior cerebral artery occlusion strokes: A multicenter analysis of the Swiss Stroke Registry. *Eur Stroke J* 2023; 8:575-580.

Mujanovic A, Jungi N, Kurmann C, Dobrocky T, Meinel T, Almiri W, Grunder L, Beyeler M, Lang M, Jung S, Klail T, Hoffmann A, Seiffge D, Heldner M, Pilgram-Pastor S, Mordasini P, Arnold M, Piechowiak E, Gralla J, Fischer U, Kaesmacher J. Importance of Delayed Reperfusions in Patients With Incomplete Thrombectomy. *Stroke* 2022; 53:3350-3358.

Kurmann C, Kaesmacher J, Pilgram-Pastor S, Piechowiak E, Scutelnic A, Heldner M, Dobrocky T, Gralla J, Mordasini P. Correlation of Collateral Scores Derived from Whole-Brain Time-Resolved Flat Panel Detector Imaging in Acute Ischemic Stroke. *AJNR Am J Neuroradiol* 2022; 43:1627-1632.

Delignette-Muller M, Raptis N, Mordasini P, Z'Graggen W, Raabe A, Schucht P, Heldner M, Bervini D. Natural history of carotid artery free-floating thrombus-A single center, consecutive cohort analysis. *Front Neurol* 2022; 13:993559.

Klail T, Kurmann C, Kaesmacher J, Mujanovic A, Piechowiak E, Dobrocky T, Pilgram-Pastor S, Scutelnic A, Heldner M, Gralla J, Mordasini P. Safety and Efficacy of Carotid Artery Stenting with the CGuard Double-layer Stent in Acute Ischemic Stroke. *Clin Neuroradiol* 2022; 33:237-244.

Piechowiak E, Aeschmann B, Häni L, Kaesmacher J, Mordasini P, Jesse C, Schankin C, Raabe A, Schär R, Gralla J, Beck J, Dobrocky T. Epidural Blood Patching in Spontaneous Intracranial Hypotension-Do we Really Seal the Leak?. *Clin Neuroradiol* 2022; 33:211-218.

Mujanovic A, Kurmann C, Dobrocky T, Olivé-Gadea M, Maegerlein C, Pierot L, Mendes Pereira V, Costalat V, Psychogios M, Michel P, Beyeler M, Piechowiak E, Seiffge D, Mordasini P, Arnold M, Gralla J, Fischer U, Kaesmacher J, Meinel T, BEYOND-SWIFT Investigators. Bridging intravenous thrombolysis in patients with atrial fibrillation. *Front Neurol* 2022; 13:945338.

Meinel T, Kaesmacher J, Buetikofer L, Strbian D, Eker O, Cognard C, Mordasini P, Deppeler S, Mendes Pereira V, Albucher J, Darcourt J, Bourcier R, Guillon B, Papagiannaki C, Costentin G, Sibolt G, Rätty S, Gory B, Richard S, Liman J, Ernst M, Boulanger M, Barbier C, Mechtouff L, Zhang L, Marnat G, Sibon I, Nikoubashman O, Reich A, Consoli A, Weisenburger-Lile D, Requena M, Garcia-Tornel A, Saleme S, Moulin S, Pagano P, Saliou G, Carrera E, Janot K, Boix M, Pop R, Della Schiava L, Luft A, Piotin M, Gentric J, Pikula A, Pfeilschifter W, Arnold M, Siddiqui A, Froehler M, Furlan A, Chapot R, Wiesmann M, Machi P, Diener H, Kulcsar Z, Bonati L, Bassetti C, Escalard S, Liebeskind D, Saver J, Fischer U, Gralla J, SWIFT-DIRECT investigators. Time to treatment with bridging intravenous alteplase before endovascular treatment:subanalysis of the randomized controlled SWIFT-DIRECT trial. *J Neurointerv Surg* 2022; 15:e102-e110.

Beyeler M, Belachew N, Kielkopf M, Aleman E, León Betancourt A, Genceviciute K, Kurmann C, Grunder L, Birner B, Meinel T, Scutelnic A, Bücke P, Seiffge D, Dobrocky T, Piechowiak E, Pilgram-Pastor S, Mattle H, Mordasini P, Arnold M, Fischer U, Pabst T, Gralla J, Seeberger M, Jung S, Kaesmacher J. Absence of Susceptibility Vessel Sign in Patients With Malignancy-Related Acute Ischemic Stroke Treated With Mechanical Thrombectomy. *Front Neurol* 2022; 13:930635.

Mujanovic A, Kammer C, Kurmann C, Grunder L, Beyeler M, Lang M, Piechowiak E, Meinel T, Jung S, Almiri W, Pilgram-Pastor S, Hoffmann A, Seiffge D, Heldner M, Dobrocky T, Mordasini P, Arnold M, Gralla J, Fischer U, Kaesmacher J. Association of Intravenous Thrombolysis with Delayed Reperfusion After Incomplete Mechanical Thrombectomy. *Clin Neuroradiol* 2022; 33:87-98.

Seners P, Arquizan C, Fontaine L, Ben Hassen W, Heldner M, Strambo D, Nagel S, Carrera E, Mechtouff L, McCullough-Hicks M, Mohammaden M, Cottier J, Hénon H, Aignatoaie A, Laksiri N, Papassin J, Lucas L, Garnier P, Triquenot-Bagan A, Mione G, Hajdu S, Costalat V, Potreck A, Detante O, Bonneville F, Berthezene Y, Bracard S, Sibon I, Bricout N, Boutet C, Mordasini P, Michel P, Oppenheim C, Olivot J, Nogueira R, Albers G, Baron J, Turc G, MINOR-STROKE-Perfusion Collaborators. Perfusion Imaging and Clinical Outcome in Acute Minor Stroke With Large Vessel Occlusion. *Stroke* 2022; 53:3429-3438.

Fischer U, Kaesmacher J, Strbian D, Eker O, Cognard C, Plattner P, Buetikofer L, Mordasini P, Deppeler S, Mendes Pereira V, Albucher J, Darcourt J, Bourcier R, Guillon B, Papagiannaki C, Ozkul-Wermester O, Sibolt G, Tiainen M, Gory B, Richard S, Liman J, Ernst M, Boulanger M, Barbier C, Mechtouff L, Zhang L, Marnat G, Sibon I, Nikoubashman O, Reich A, Consoli A, Lapergue B, Ribó M, Tomasello A, Saleme S, Macian F, Moulin S, Pagano P, Saliou G, Carrera E, Janot K, Hernández-Pérez M, Pop R, Della Schiava L, Luft A, Piotin M, Gentric J, Pikula A, Pfeilschifter W, Arnold M, Siddiqui A, Froehler M, Furlan A, Chapot R, Wiesmann M, Machi P, Diener H, Kulcsar Z, Bonati L, Bassetti C, Mazighi M, Liebeskind D, Saver J, Gralla J, SWIFT DIRECT Collaborators. Thrombectomy alone versus intravenous alteplase plus thrombectomy in patients with stroke: an open-label, blinded-outcome, randomised non-inferiority trial. *Lancet* 2022; 400:104-115.

Genceviciute K, Goeldlin M, Kurmann C, Mujanovic A, Meinel T, Kaesmacher J, Seiffge D, Jung S, Mordasini P, Fischer U, Gralla J, Sarikaya H, Simonetti B, Antonenko K, Umarova R, Bally L, Arnold M, Heldner M. Association of diabetes mellitus and admission glucose levels with outcome after endovascular therapy in acute ischaemic stroke in anterior circulation. *Eur J Neurol* 2022; 29:2996-3008.

Beyeler M, Birner B, Branca M, Meinel T, Vynckier J, Buffle E, Scutelnic A, Heldner M, Bücke P, Seiffge D, Mordasini P, Dobrocky T, Piechowiak E, Kaesmacher J, Gralla J, Mattle H, Arnold M, Fischer U, Pabst T, Berger M, Jung S. Development of a Score for Prediction of Occult Malignancy in Stroke Patients (Occult-5 Score). *J Stroke Cerebrovasc Dis* 2022; 31:106609.

Fischer U, Branca M, Bonati L, Carrera E, Vargas M, Platon A, Kulcsar Z, Wegener S, Luft A, Seiffge D, Arnold M, Michel P, Strambo D, Dunet V, De Marchis G, Schelosky L, Andreisek G, Barinka F, Peters N, Fisch L, Nedeltchev K, Cereda C, Kägi G, Bolognese M, Salmen S, Sturzenegger R, Medlin F, Berger C, Renaud S, Bonvin C, Schaerer M, Mono M, Rodic B, Psychogios M, Mordasini P, Gralla J, Kaesmacher J, Meinel T, Investigators of the Swiss Stroke Registry. Magnetic Resonance Imaging or Computed Tomography for Suspected Acute Stroke: Association of Admission Image Modality with Acute Recanalization Therapies, Workflow Metrics, and Outcomes. *Ann Neurol* 2022; 92:184-194.

SSR Investigators, Luft A, Wegener S, Lyrer P, Engelter S, Polymeris A, Mono M, Salmen S, Schelosky L, Bolognese M, Rodic B, Z'Graggen W, Bervini D, Seiffge D, Fischer U, Bonati L, Fandino J, Arnold M, Meinel T, Mordasini P, Kaesmacher J, Dobrocky T, Volbers B, Vehoff J, Kägi G, Berger C, Lindheimer F, Bianco G, Cereda C, Schaerer M, Michel P, Strambo D, Mueller M, Siepen B, Mueller A, Medlin F, Backhaus R, Nedeltchev K, Kahles T, Sturzenegger R, Bonvin C, Dirren E, Carrera E, Niederhaeuser J, Fisch L, Renaud S, Peters N, Goeldlin M. Etiology, 3-Month Functional Outcome and Recurrent Events in Non-Traumatic Intracerebral Hemorrhage. *J Stroke* 2022; 24:266-277.

Altersberger V, Renaud S, Niederhauser J, Bonvin C, Schaerer M, Mono M, Rodic B, Schwegler G, Peters N, Bolognese M, Luft A, Cereda C, Kägi G, Michel P, Carrera E, Arnold M, Fischer U, Nedeltchev K, Schelosky L, Berger C, Medlin F, Wright P, Schaedelin S, De Marchis G, Gensicke H, Engelter S, Psychogios M, Kahles T, Goeldlin M, Meinel T, Mordasini P, Kaesmacher J, von Hessling A, Vehoff J, Weber J, Wegener S, Salmen S, Sturzenegger R, Bonati L. Effect of admission time on provision of acute stroke treatment at stroke units and stroke centers—An analysis of the Swiss Stroke Registry. *Eur Stroke J* 2022; 7:117-125.

Kurmann C, Kaesmacher J, Cooke D, Psychogios M, Weber J, Lopes D, Albers G, Mordasini P. Evaluation of time-resolved whole brain flat panel detector perfusion imaging using RAPID ANGIO in patients with acute stroke: comparison with CT perfusion imaging. *J Neurointerv Surg* 2022; 15:387–392.

Wagner B, Lorscheider J, Wiencierz A, Blackham K, Psychogios M, Bolliger D, De Marchis G, Engelter S, Lyrer P, Wright P, Fischer U, Mordasini P, Nannoni S, Puccinelli F, Kahles T, Bianco G, Carrera E, Luft A, Cereda C, Kägi G, Weber J, Nedeltchev K, Michel P, Gralla J, Arnold M, Bonati L, Swiss Stroke Registry Investigators. Endovascular Treatment for Acute Ischemic Stroke With or Without General Anesthesia: A Matched Comparison. *Stroke* 2022; 53:1520–1529.

Petroulia V, Kaesmacher J, Piechowiak E, Dobrocky T, Pilgram–Pastor S, Gralla J, Wagner F, Mordasini P. Evaluation of Sine Spin flat detector CT imaging compared with multidetector CT. *J Neurointerv Surg* 2022; 15:292–297.

Dobrocky T, Nicholson P, Häni L, Mordasini P, Krings T, Brinjikji W, Cutsforth–Gregory J, Schär R, Schankin C, Gralla J, Mendes Pereira V, Raabe A, Farb R, Beck J, Piechowiak E. Spontaneous intracranial hypotension: searching for the CSF leak. *Lancet Neurol* 2022; 21:369–380.

Fung C, Z'Graggen W, Jakob S, Gralla J, Haenggi M, Rothen H, Mordasini P, Lensch M, Söll N, Terpolilli N, Feiler S, Oertel M, Raabe A, Plesnila N, Takala J, Beck J. Inhaled Nitric Oxide Treatment for Aneurysmal SAH Patients With Delayed Cerebral Ischemia. *Front Neurol* 2022; 13:817072.

Dobrocky T, Häni L, Rohner R, Branca M, Mordasini P, Pilgram–Pastor S, Kaesmacher J, Cianfoni A, Schär R, Gralla J, Raabe A, Ulrich C, Beck J, Piechowiak E. Brain Spontaneous Intracranial Hypotension Score for Treatment Monitoring After Surgical Closure of the Underlying Spinal Dural Leak. *Clin Neuroradiol* 2022; 32:231–238.

Kurmann C, Mujanovic A, Piechowiak E, Dobrocky T, Zibold F, Beyeler M, Vynckier J, Seiffge D, Meinel T, Mordasini P, Arnold M, Fischer U, Gralla J, Kaesmacher J. Heterogeneity of the Relative Benefits of TICI 2c/3 over TICI 2b50/2b67 : Are there Patients who are less Likely to Benefit?. *Clin Neuroradiol* 2022; 32:817–827.

De Marchis G, Wright P, Michel P, Strambo D, Carrera E, Dirren E, Luft A, Wegener S, Cereda C, Kägi G, Vehoff J, Gensicke H, Lyrer P, Nedeltchev K, Khales T, Bolognese M, Salmen S, Sturzenegger R, Bonvin C, Berger C, Schelosky L, Mono M, Rodic B, von Reding A, Schwegler G, Tarnutzer A, Medlin F, Humm A, Peters N, Beyeler M, Kriemler L, Bervini D, Fandino J, Hemkens L, Mordasini P, Arnold M, Fischer U, Bonati L, Swiss Stroke Registry Investigators. Association of the COVID-19 outbreak with acute stroke care in Switzerland. *Eur J Neurol* 2022; 29:724–731.

Fischer U, Kaesmacher J, Plattner P, Buetikofer L, Mordasini P, Deppeler S, Cognard C, Mendes Pereira V, Siddiqui A, Froehler M, Furlan A, Chapot R, Strbian D, Wiesmann M, Bressan J, Lerch S, Liebeskind D, Saver J, Gralla J, SWIFT DIRECT study investigators. SWIFT DIRECT: Solitaire™ With the Intention For Thrombectomy Plus Intravenous t-PA Versus DIRECT Solitaire™ Stent-retriever Thrombectomy in Acute Anterior Circulation Stroke: Methodology of a randomized, controlled, multicentre study. *Int J Stroke* 2021; 17:698–705.

Penide J, Mirza M, McCarthy R, Fiehler J, Mordasini P, Delassus P, Morris L, Gilvarry M. Systematic Review on Endovascular Access to Intracranial Arteries for Mechanical Thrombectomy in Acute Ischemic Stroke. *Clin Neuroradiol* 2021; 32:5–12.

Belachew N, Piechowiak E, Dobrocky T, Meinel T, Hakim A, Barvulsky E, Vynckier J, Arnold M, Seiffge D, Wiest R, Fischer U, Gralla J, Kaesmacher J, Mordasini P. Stent-Based Retrieval Techniques in Acute Ischemic Stroke Patients with and Without Susceptibility Vessel Sign. *Clin Neuroradiol* 2021; 32:407–418.

Rychen J, Madarasz A, Murek M, Schucht P, Heldner M, Mordasini P, Z'Graggen W, Raabe A, Bervini D. Management of postoperative internal carotid artery intimal flap after carotid endarterectomy: a cohort study and systematic review. *J Neurosurg* 2021; 136:647–654.

Piechowiak E, Bär L, Häni L, Branca M, Kaesmacher J, Mordasini P, Raabe A, Ulrich C, Gralla J, Beck J, Dobrocky T. Renal Pelvis Opacification on Postmyelography Computed Tomography as an Indicator for Cerebrospinal Fluid Loss in Spontaneous Intracranial Hypotension. *Clin Neuroradiol* 2021; 32:529–536.

Pilgram-Pastor S, Piechowiak E, Dobrocky T, Kaesmacher J, Den Hollander J, Gralla J, Mordasini P. Stroke thrombectomy complication management. *J Neurointerv Surg* 2021; 13:912–917.

Beyeler M, Weber L, Kurmann C, Piechowiak E, Mosimann P, Zibold F, Meinel T, Branca M, Goeldlin M, Pilgram-Pastor S, Grunder L, Arnold M, Seiffge D, Meier R, Heldner M, Dobrocky T, Mordasini P, Gralla J, Fischer U, Kaesmacher J. Association of reperfusion success and emboli in new territories with long term mortality after mechanical thrombectomy. *J Neurointerv Surg* 2021; 14:326–332.

Nannoni S, Kaesmacher J, Ricciardi F, Strambo D, Dunet V, Hajdu S, Saliou G, Mordasini P, Hakim A, Arnold M, Gralla J, Fischer U, Michel P. ASPECTS-based selection for late endovascular treatment: a retrospective two-site cohort study. *Int J Stroke* 2021; 17:434–443.

Meinel T, Branca M, De Marchis G, Nedeltchev K, Kahles T, Bonati L, Arnold M, Heldner M, Jung S, Carrera E, Dirren E, Michel P, Strambo D, Cereda C, Bianco G, Kägi G, Vehoff J, Katan M, Bolognese M, Backhaus R, Salmen S, Albert S, Medlin F, Berger C, Schelosky L, Renaud S, Niederhauser J, Bonvin C, Schaerer M, Mono M, Rodic B, Tarnutzer A, Mordasini P, Gralla J, Kaesmacher J, Engelter S, Fischer U, Seiffge D, Investigators of the Swiss Stroke Registry. Prior Anticoagulation in Patients with Ischemic Stroke and Atrial Fibrillation. *Ann Neurol* 2020; 89:42–53.

Beck J, Gralla J, Z'Graggen W, Hewer E, Mordasini P, Mono M, Meier N, Bervini D, Murek M, Hsieh K, Fiechter M, Seidel K, Fichtner J, Fung C, Ulrich C, Raabe A. Diskogenic microspurs as a major cause of intractable spontaneous intracranial hypotension. *Neurology* 2016; 87:1220–6.

Jung S, Mono M, Fischer U, Galimanis A, Findling O, De Marchis G, Weck A, Nedeltchev K, Colucci G, Mordasini P, Brekenfeld C, El-Koussy M, Gralla J, Schroth G, Mattle H, Arnold M. Three-month and long-term outcomes and their predictors in acute basilar artery occlusion treated with intra-arterial thrombolysis. *Stroke* 2011; 42:1946–51.

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