



**Marco V Corniola**

**Contact**

Marco V Corniola

## Publications (26)

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.

Stumpo V, Serra C, Stienen M, Anderer E, Schröder M, Tessitore E, Corniola M, Quddusi A, Staartjes V, Regli L. Enhanced Recovery After Surgery strategies for elective craniotomy: a systematic review. *J Neurosurg* 2021:1-25.

Staartjes V, Joswig H, Corniola M, Schaller K, Gautschi O, Stienen M. Association of Medical Comorbidities With Objective Functional Impairment in Lumbar Degenerative Disc Disease. *Global Spine J* 2020; 12:1184-1191.

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, Schaller K, Weyerbrock A, Regli L, Prömmel P, Bellut D, Corniola M, Joswig H, Maldaner N, Gautschi O. Objective functional assessment using the "Timed Up and Go" test in patients with lumbar spinal stenosis. *Neurosurg Focus* 2019; 46:E4.

Gautschi O, Stienen M, Corniola M, Molliqaj G, Tessitore E. Almost complete resolution of a lumbar disc herniation after lateral interbody fusion without posterior open decompression. *J Neurosurg Sci* 2018; 62:232-233.

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.

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.

Stienen M, Smoll N, Joswig H, Corniola M, Schaller K, Hildebrandt G, Gautschi O. Validation of the baseline severity stratification of objective functional impairment in lumbar degenerative disc disease. *J Neurosurg Spine* 2017; 26:598-604.

Stienen M, Smoll N, Joswig H, Snagowski J, Corniola M, Schaller K, Hildebrandt G, Gautschi O. Influence of the mental health status on a new measure of objective functional impairment in lumbar degenerative disc disease. *Spine J* 2016

Gautschi O, Stienen M, Joswig H, Smoll N, Schaller K, Corniola M. The usefulness of radiological grading scales to predict pain intensity, functional impairment, and health-related quality of life after surgery for lumbar degenerative disc disease. *Acta Neurochir (Wien)* 2016; 159:271-279.

Stienen M, Joswig H, Smoll N, Corniola M, Schaller K, Hildebrandt G, Gautschi O. Influence of Body Mass Index on Subjective and Objective Measures of Pain, Functional Impairment, and Health-Related Quality of Life in Lumbar Degenerative Disc Disease. *World Neurosurg* 2016; 96:570-577.e1.

Gautschi O, Smoll N, Joswig H, Corniola M, Schaller K, Hildebrandt G, Stienen M. Influence of age on pain intensity, functional impairment and health-related quality of life before and after surgery for lumbar degenerative disc disease. *Clin Neurol Neurosurg* 2016; 150:33-39.

Gautschi O, Joswig H, Corniola M, Smoll N, Schaller K, Hildebrandt G, Stienen M. Pre- and postoperative correlation of patient-reported outcome measures with standardized Timed Up and Go (TUG) test results in lumbar degenerative disc disease. *Acta Neurochir (Wien)* 2016; 158:1875-81.

Stienen M, Joswig H, Smoll N, Corniola M, Schaller K, Hildebrandt G, Gautschi O. Short- and Long-Term Outcome of Microscopic Lumbar Spine Surgery in Patients with Predominant Back or Predominant Leg Pain. *World Neurosurg* 2016; 93:458-465.e1.

Gautschi O, Stienen M, Corniola M, Joswig H, Schaller K, Hildebrandt G, Smoll N. Assessment of the Minimum Clinically Important Difference in the Timed Up and Go Test After Surgery for Lumbar Degenerative Disc Disease. *Neurosurgery* 2016

Gautschi O, Corniola M, Smoll N, Joswig H, Schaller K, Hildebrandt G, Stienen M. Sex differences in subjective and objective measures of pain, functional impairment, and health-related quality of life in patients with lumbar degenerative disc disease. *Pain* 2016; 157:1065-71.

Gautschi O, Smoll N, Corniola M, Joswig H, Schaller K, Hildebrandt G, Stienen M. Sex differences in lumbar degenerative disc disease. *Clin Neurol Neurosurg* 2016; 145:52-7.

Gautschi O, Corniola M, Stienen M, Smoll N, Cadosch D. Postoperative segmental hypermobility after cervical arthroplasty: A possible pathomechanism for outcome failure. *J Clin Neurosci* 2015; 22:1194-6.

Corniola M, Jägersberg M, Stienen M, Gautschi O. Complete cage migration/subsidence into the adjacent vertebral body after posterior lumbar interbody fusion. *J Clin Neurosci* 2014; 22:597-8.

Gautschi O, Corniola M, Schaller K, Smoll N, Stienen M. The need for an objective outcome measurement in spine surgery—the timed-up-and-go test. *Spine J* 2014; 14:2521-2.

Gautschi O, Stienen M, Smoll N, Corniola M, Schaller K. Incidental durotomy in lumbar spine surgery - is there still a role for flat bed rest?. *Spine J* 2014; 14:2522-3.

Gautschi O, Stienen M, Corniola M, Schaller K. Minimal-invasive lumbale Wirbelsäulen Chirurgie: historischer Rückblick, aktueller Stand und Ausblick. *Praxis (Bern 1994)* 2014; 103:1323-9.

Gautschi O, Stienen M, Smoll N, Corniola M, Tessitore E, Schaller K. Incidental durotomy in lumbar spine surgery--a three-nation survey to evaluate its management. *Acta Neurochir (Wien)* 2014; 156:1813-20.

## Projects (1)

**Timed-up-and-go (TUG) as a generic objective measure of function in neurosurgery. Relationship to subjective measures of pain and function and quality of life**

*Clinical Studies - Oct 5, 2014 - Oct 31, 2015*

*Automatically Closed*

---

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

[support.forschung@kssg.ch](mailto:support.forschung@kssg.ch)