



Oliver P Gautschi

Kontakt

Oliver P Gautschi

Publikationen (66)

Fischer G, Kälin V, Gautschi O, Bozinov O, Stienen M. Expanding the indications for measurement of objective functional impairment in spine surgery: A pilot study of four patients with diseases affecting the spinal cord. *Brain Spine* 2022; 2:100915.

Maldaner N, Sosnova M, Ziga M, Zeitlberger A, Bozinov O, Gautschi O, Weyerbrock A, Regli L, Stienen M. External Validation of the Minimum Clinically Important Difference in the Timed-up-and-go Test After Surgery for Lumbar Degenerative Disc Disease. *Spine (Phila Pa 1976)* 2022; 47:337-342.

Zeitlberger A, Sosnova M, Ziga M, Gautschi O, Regli L, Bozinov O, Weyerbrock A, Stienen M, Maldaner N. Distance to first symptoms measured by the 6-min walking test differentiates between treatment success and failure in patients with degenerative lumbar disorders. *Eur Spine J* 2022; 31:596-603.

Maldaner N, Sosnova M, Zeitlberger A, Ziga M, Gautschi O, Regli L, Bozinov O, Weyerbrock A, Stienen M. Responsiveness of the self-measured 6-minute walking test and the Timed Up and Go test in patients with degenerative lumbar disorders. *J Neurosurg Spine* 2021

Stienen M, Maldaner N, Sosnova M, Zeitlberger A, Ziga M, Weyerbrock A, Bozinov O, Gautschi O. External Validation of the Timed Up and Go Test as Measure of Objective Functional Impairment in Patients With Lumbar Degenerative Disc Disease. *Neurosurgery* 2021; 88:E142-E149.

Sosnova M, Zeitlberger A, Ziga M, Gautschi O, Regli L, Weyerbrock A, Bozinov O, Stienen M, Maldaner N. Patients undergoing surgery for lumbar degenerative spinal disorders favor smartphone-based objective self-assessment over paper-based patient-reported outcome measures. *Spine J* 2020

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.

Maldaner N, Sosnova M, Zeitlberger A, Ziga M, Gautschi O, Regli L, Weyerbrock A, Stienen M, International 6WT Study Group. Evaluation of the 6-minute walking test as a smartphone app-based self-measurement of objective functional impairment in patients with lumbar degenerative disc disease. *J Neurosurg Spine* 2020:1-10.

Tosic L, Gautschi O, Regli L, Desai A, Sayadi J, Gandía-González M, Quddusi A, Eversdijk H, Gadjradj P, Staartjes V, Zeitlberger A, Sosnova M, Maldaner N, Goldberger E, Stienen M. Normative data of a smartphone app-based 6-minute walking test, test-retest reliability, and content validity with patient-reported outcome measures. *J Neurosurg Spine* 2020:1-10.

Sosnova M, Zeitlberger A, Ziga M, Gautschi O, Weyerbrock A, Stienen M, Maldaner N. Longitudinal smartphone-based self-assessment of objective functional impairment in patients undergoing surgery for lumbar degenerative disc disease: initial experience. *Acta Neurochir (Wien)* 2020; 162:2061-2068.

Zeitlberger A, Sosnova M, Ziga M, Steinsiepe V, Gautschi O, Stienen M, Maldaner N. Smartphone-Based Self-Assessment of Objective Functional Impairment (6-Minute Walking Test) in Patients Undergoing Epidural Steroid Injection. *Neurospine* 2020; 17:136-142.

Maldaner N, Tomkins-Lane C, Desai A, Zygourakis C, Weyerbrock A, Gautschi O, Stienen M. Digital transformation in spine research and outcome assessment. *Spine J* 2020; 20:310-311.

Maldaner N, Desai A, Gautschi O, Regli L, Ratliff J, Park J, Stienen M. Improving the Patient-Physician Relationship in the Digital Era - Transformation From Subjective Questionnaires Into Objective Real-Time and Patient-Specific Data Reporting Tools. *Neurospine* 2019; 16:712-714.

Stienen M, Regli L, Park J, Zygourakis C, Desai A, Veeravagu A, Ho A, Sosnova M, Maldaner N, Staartjes V, Gautschi O, Ratliff J. Reliability of the 6-minute walking test smartphone application. *J Neurosurg Spine* 2019:1-8.

Stienen M, Ratliff J, Regli L, Bellut D, Gautschi O, Desai A, Veeravagu A, Maldaner N, Staartjes V, Ho A, Park J. Objective measures of functional impairment for degenerative diseases of the lumbar spine: a systematic review of the literature. *Spine J* 2019; 19:1276-1293.

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.

Studerus-Germann A, von Hessling A, Hildebrandt G, von Ow D, Romascano D, Daducci A, Thiran J, Bontempi P, Gautschi O, Engel D. Central nervous system microbleeds in the acute phase are associated with structural integrity by DTI one year after mild traumatic brain injury: A longitudinal study. *Neurol Neurochir Pol* 2018

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.

Joswig H, Jucker D, Lavalley A, Sprenger L, Gautschi O, Hildebrandt G, Schaller K, Stienen M. Shunts: Is Surgical Education Safe?. *World Neurosurg* 2017; 102:117-122.

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.

Studerus-Germann A, Engel D, Stienen M, von Ow D, Hildebrandt G, Gautschi O. Three versus seven days to return-to-work after mild traumatic brain injury: a randomized parallel-group trial with neuropsychological assessment. *Int J Neurosci* 2017; 127:900-908.

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

Stienen M, Gempt J, Gautschi O, Demetriades A, Netuka D, Kuhlen D, Schaller K, Ringel F. Neurosurgical Resident Training in Germany. *J Neurol Surg A Cent Eur Neurosurg* 2016; 78:337-343.

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.

Stienen M, Gautschi O, Schaller K, Netuka D, Demetriades A, Ringel F, Gempt J, Kuhlen D. Letter to the Editor: Training and career aspects of female neurosurgical residents in Europe. *J Neurosurg* 2016; 125:1317-1320.

Stienen M, Netuka D, Demetriades A, Ringel F, Gautschi O, Gempt J, Kuhlen D, Schaller K. Residency program trainee-satisfaction correlate with results of the European board examination in neurosurgery. *Acta Neurochir (Wien)* 2016; 158:1823-30.

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.

Joswig H, Gautschi O, El Rahal A, Sveikata L, Bartoli A, Hildebrandt G, Schaller K, Stienen M. Cranioplasty: Is Surgical Education Safe?. *World Neurosurg* 2016; 91:81-8.

Fung C, Raabe A, Mattle H, Fischer U, Arnold M, Zbinden M, Schaller K, Gralla J, El-Koussy M, Gautschi O, Z'Graggen W, Fiechter M, Klinger-Gratz P, Murek M, Beck J. Effect of Decompressive Craniectomy on Perihematomal Edema in Patients with Intracerebral Hemorrhage. *PloS one* 2016; 11:e0149169.

Stienen M, Joswig H, Smoll N, Tessitore E, Schaller K, Hildebrandt G, Gautschi O. Short- and long-term effects of smoking on pain and health-related quality of life after non-instrumented lumbar spine surgery. *Clin Neurol Neurosurg* 2016; 142:87-92.

Stienen M, Netuka D, Demetriades A, Ringel F, Gautschi O, Gempt J, Kuhlen D, Schaller K. Neurosurgical resident education in Europe--results of a multinational survey. *Acta Neurochir (Wien)* 2015; 158:3-15.

Stienen M, Netuka D, Demetriades A, Ringel F, Gautschi O, Gempt J, Kuhlen D, Schaller K. Working time of neurosurgical residents in Europe--results of a multinational survey. *Acta Neurochir (Wien)* 2015; 158:17-25.

<p>Stienen M, Smoll N, Tessitore E, Schaller K, Hildebrandt G, Gautschi O. Surgical Resident Education in Noninstrumented Lumbar Spine Surgery: A Prospective Observational Study with a 4.5-Year Follow-Up. <i>World Neurosurg</i> 2015; 84:1589-97.</p>
<p>Gautschi O, Corniola M, Stienen M, Smoll N, Cadosch D. Postoperative segmental hypermobility after cervical arthroplasty: A possible pathomechanism for outcome failure. <i>J Clin Neurosci</i> 2015; 22:1194-6.</p>
<p>Stienen M, Joswig H, Jucker D, Hildebrandt G, Schaller K, Gautschi O. Anterior cervical discectomy and fusion: is surgical education safe?. <i>Acta Neurochir (Wien)</i> 2015; 157:1395-404.</p>
<p>Corniola M, Jägersberg M, Stienen M, Gautschi O. Complete cage migration/subsidence into the adjacent vertebral body after posterior lumbar interbody fusion. <i>J Clin Neurosci</i> 2014; 22:597-8.</p>
<p>Kratzsch T, Gautschi O, Kuhn S, Hottinger A, Hildebrandt G, Stienen M. Low-grade gliomas in adult patients. <i>Praxis (Bern 1994)</i> 2014; 103:1385-1396.</p>
<p>Stienen M, Bijlenga P, Schaller K, Hildebrandt G, Gautschi O. Behandlungsstrategien für zerebrale kavernomatöse Malformationen. <i>Praxis (Bern 1994)</i> 2014; 103:1447-63.</p>
<p>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. <i>Spine J</i> 2014; 14:2521-2.</p>
<p>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?. <i>Spine J</i> 2014; 14:2522-3.</p>
<p>Gautschi O, Stienen M, Corniola M, Schaller K. Minimal-invasive lumbale Wirbelsäulen Chirurgie: historischer Rückblick, aktueller Stand und Ausblick. <i>Praxis (Bern 1994)</i> 2014; 103:1323-9.</p>
<p>Stienen M, Smoll N, Hildebrandt G, Schaller K, Tessitore E, Gautschi O. Constipation after thoraco-lumbar fusion surgery. <i>Clin Neurol Neurosurg</i> 2014; 126C:137-142.</p>
<p>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. <i>Acta Neurochir (Wien)</i> 2014; 156:1813-20.</p>
<p>Stienen M, Smoll N, Joswig H, Hildebrandt G, Schaller K, Gautschi O (2014). Is surgical resident education safe? Cohort study on complication rates and postoperative outcome after anterior cervical discectomy. Präsentiert bei: Gemeinsame Jahrestagung 2014 Schweizerische Gesellschaft für Neurochirurgie, Schweizerische Gesellschaft für Klinische Neurophysiologie, Schweizerische Gesellschaft für Neuropädiatrie, Zürich</p>
<p>Stienen M, Smoll N, Hildebrandt G, Schaller K, Tessitore E, Gautschi O (2014). Gastrointestinal morbidity after lumbar spondylodesis surgery.</p>
<p>Stienen M, Smoll N, Hildebrandt G, Schaller K, Gautschi O. Influence of smoking status at time of surgery for herniated lumbar disk on postoperative pain and health-related quality of life. <i>Clin Neurol Neurosurg</i> 2014; 122C: 12-19.</p>
<p>Stienen M, Smoll N, Hildebrandt G, Schaller K, Gautschi O. Early surgical education of residents is safe for microscopic lumbar disc surgery. <i>Acta Neurochir (Wien)</i> 2014; 156:1205-14.</p>

Gautschi O, Huser M, Smoll N, Maedler S, Bednarz S, von Hessling A, Lussmann R, Hildebrandt G, Seule M. Long-term neurological and neuropsychological outcome in patients with severe traumatic brain injury. Clin Neurol Neurosurg 2013; 115:2482-8.

Stienen M, Smoll N, Hildebrandt G, Schaller K, Gautschi O (2013). Effects of the surgeon's experience on complication rates and health-related quality of life after surgery for lumbar disc herniation. Präsentiert bei: 2nd SFCNS Meeting, Montreux

Stienen M, Smoll N, Hildebrandt G, Schaller K, Gautschi O (2013). Influence of smoking on postoperative pain and quality of life after surgery for herniated lumbar disk.

Smoll N, Stienen M, Schaller K, Gautschi O. Aseptic Bone Flap Osteonecrosis Following Cranioplasty after Decompressive Craniectomy. Praxis (Bern 1994) 2013; 102:809-12.

Lücke S, Abdulazim A, Gautschi O, Schneiderhan T, Hildebrandt G, Stienen M (2013). Differential diagnosis of calcified spinal lesions: Calcifying pseudoneoplasms of the neuraxis (CAPNON) – meta-analysis of all published spinal cases.

Stienen M, Abdulazim A, Gautschi O, Schneiderhan T, Hildebrandt G, Lücke S (2013). Calcifying pseudoneoplasms of the neuraxis (CAPNON): meta-analysis of all published intracranial cases.

Gautschi O, Stienen M, Schaller K. Spontanregression lumbaler und zervikaler Diskusherniationen – ein bekanntes Phänomen. Praxis (Bern 1994) 2013; 102:675-680.

Stienen M, Abdulazim A, Hildebrandt G, Gautschi O. Notfallszenario: Epiduralhämatom – Beurteilung und Management. Praxis (Bern 1994) 2013; 102:147-156.

Stienen M, Lücke S, Gautschi O, Harders A. Terson haemorrhage in patients suffering aneurysmal subarachnoid haemorrhage: a prospective analysis of 60 consecutive patients. Clin Neurol Neurosurg 2012; 114:535-8.

Gautschi O, Cadosch D, Stienen M, Steiner L, Schaller K. [Decompressive craniectomy in acute stroke – The different perspective]. Anesthesiol Intensivmed Notfallmed Schmerzther 2012; 47:8-13.

Stienen M, Gautschi O. Cerebral fat embolism after severe road traffic accident. Am J Emerg Med 2011

Seule M, Stienen M, Cadosch D, Fournier J, Lussmann R, Hildebrandt G, Gautschi O. [Aneurysmal subarachnoid hemorrhage – therapy and complications]. Anesthesiol Intensivmed Notfallmed Schmerzther 2010; 45:8-17.

Gautschi O, Seule M, Cadosch D, Land M, Fournier J, Hildebrandt G. [Cerebral microdialysis. Options and limits]. Anesthesiol Intensivmed Notfallmed Schmerzther 2009; 44:268-74.

Projekte (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

Klinische Forschung - 05.10.2014 - 31.10.2015

Automatisch geschlossen

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

support.forschung@kssg.ch