



Schweizer
Paraplegiker
Zentrum

Centre
suisse des
paraplégiques

Centro
svizzero per
paraplegici

Swiss
Paraplegic
Centre

Publications SPZ 2012

1. Aebli N, Wicki AG, Rüegg TB, Petrou N, Eisenlohr H, Krebs J
The Torg-Pavlov Ratio for the Prediction of Acute Spinal Cord Injury after a Minor Trauma to the Cervical Spine; *Spine J* (2012) in Press
2. Aghayev E, Henning J, Munting E, Diel P, Moulin P, Röder C; SWISSspine and Spine Tango Registry groups.
Comparative effectiveness research across two spine registries.; *Eur Spine J* (2012) 21(8);1640-7
3. Arnet U, van Drongelen S, Scheel-Sailer A, van der Woude LH, Veeger DH
Shoulder load during synchronous handcycling and handrim wheelchair propulsion in persons with paraplegia; *J Rehabil Med* (2012) 44(3);222-8
4. Bartel, P., A. Wildisen, J. Pannek, F. Michel, H. Lustenberger, M. Baumberger
Laparoskopische Implantation eines Zwerchfellstimulators bei tetraplegischen Patienten. Erste Schweizer Erfahrungen.; *Schweiz Med Forum* (2012) 47;272-3
5. Bartel, P., K. Göcking, J. Pannek
[Urethral condyloma in a patient with neurogenic bladder dysfunction: A therapeutic challenge.]; *Urologie A* (2012) in Press
6. Benneker LM, Gisep A, Krebs J, Boger A, Heini PF, Boner V
Development of an in vivo experimental model for percutaneous vertebroplasty in sheep; *Vet Comp Orthop Traumatol* (2012) 25;173-7
7. Berry H., Perret C., Kakebeeke TH., Donaldson N., Allan DB., Hunt KJ.
Energetics of paraplegic cycling: adaptations to 12months of high volume training.; *Technol Health Care* (2012) 20;73-84
8. Bertolo A, Aebli N, Baur M, Stoyanov JV
Influence of Different Commercial Scaffolds on the in vitro Differentiation of Human Mesenchymal Stem Cells to Nucleus Pulposus-Like Cells; *Eur Spine J* (2012) Suppl 6;S826-38
9. Biering-Sorensen F., Krassioukov A., Alexander M.S., Donovan W., Karlsson A-K., Mueller G., Perkash I., William Sheel A., Wecht J., Schilero G.J.
International Spinal Cord Injury Pulmonary Function Basic Data Set; *Spinal Cord* (2012) 50;418-21
10. Boldt C, Velstra IM, Brach M, Lineisen E
Nurses' intervention goal categories for persons with spinal cord injury based on the International Classification of Functioning, Disability and Health: an international Delphi survey; *J Adv Nurs* (2012) in Press
11. Derler, S., A.Rao, P.Ballistreri, R.Hubera, A.Scheel-Sailer, R.M.Rossi
Medical textiles with low friction for decubitusprevention; *Tribology International* (2012) 46;208-14
12. Eriks-Hoogland I., Engisch R Brinkhof M., van Drongelen S.
Acromioclavicular joint arthrosis in persons with spinal cord injury and able-bodied persons; *Spinal Cord* (2012) 51(1);59-63
13. Eriks-Hoogland I., Engisch R, Brinkhof M., van Drongelen S.
Acromioclavicular Joint Arthritis in Persons with spinal cord injury compared to able-bodied persons; *Top Spinal Cord Inj Rehabil* (2012) 18(2);128-131
14. Fekete D., Eriks-Hoogland I., Baumberger M., Catz A., Itzkovich M., Lüthi H., Post MWM., von Elm E., Wyss A., Brinkhof MWG.
Development and validation of a self-report version of the Spinal Cord Independence Measure (SCIM III); *Spinal Cord* (2012) in Press



Schweizer
Paraplegiker
Zentrum

Centre
suisse des
paraplégiques

Centro
svizzero per
paraplegici

Swiss
Paraplegic
Centre

15. Felix O, Felleiter P, Sturzenegger M
Lebensbedrohliche Komplikation bei Schizophrenie; Praxis (2012) 101(2);127-131
16. Felleiter P., M. Müller, F. Schumann, O. Felix, P. Lierz
Changes in the Use of the Methylprednisolone Protocol for Traumatic Spinal Cord Injury in Switzerland.; Spine (2012) 37(11);953-956
17. Fridén J, Gohritz A
Brachialis-to-extensor carpi radialis longus selective nerve transfer to restore wrist extension in tetraplegia: case report.; J Hand Surg Am (2012) 37(8);1606-8
18. Fridén J, Gohritz A
Novel concepts integrated in neuromuscular assessments for surgical restoration of arm and hand function in tetraplegia; Phys Med Rehabil Clin N Am (2012) 23(1);33-50
19. Fridén J, Gohritz A, Turcsányi I, Ejeskär A
Restoration of active palmar abduction of the thumb in tetraplegia by tendon transfer of the extensor digiti minimi to abductor pollicis brevis.; J Hand Surg Eur Vol (2012) 37(7);323-8
20. Fridén J, Reinholdt C, Gohritz A, Peace WJ, Ward SR, Lieber RL
Simultaneous powering of forearm pronation and key pinch in tetraplegia using a single muscle-tendon unit.; J Hand Surg Eur Vol (2012) 37(4);323-8
21. Fridén J, Reinholdt C, Turcsányii I, Gohritz A
A Single stage operation for reconstruction of hand flexion, extension and intrinsic function in tetraplegia.: the alphabet procedure; Tech Hand Up Extrem Surg (2012) 15;230-5
22. Geyh S., Nick E., Stirnimann D., Ehrat S., Michel F., Peter C., Lude P.
Self-efficacy and self-esteem as predictors of participation in spinal cord injury - an ICF-based study; Spinal Cord (2012) 50;699-706
23. Geyh S., Nick E., Stirnimann D., Ehrat S., Müller R., Michel F.
Biopsychosocial outcomes in individuals with and without spinal cord injury: a Swiss comparative study; Spinal Cord (2012) 50;614-22
24. Hostettler S., Leuthold L., Brechbuhl J., Mueller G., Illi S.K., Spengler C.M.
Maximal cardiac output during arm exercise in the sitting position after cervical spinal cord injury; Journal of Rehabilitation Medicine (2012) 44(2);131-136
25. Knauth A, Weiss M, DaveM, Frotzler A, Haas T
Comparison of antifog methods in endoscopy : What really helps; Anaesthetist (2012) 61(12);1036-44
26. Krebs J, Ferguson SJ, Goss BG, Stauffer E, Ettinger L, Aebl N
Effect of Vertebral Cement Augmentation with Polymethylmethacrylate on Intervertebral Disc and Bone Tissue; J Biomed Mater Res B Appl Biomater (2012) 100;660-7
27. Krebs J, Goecking K, Pannek J
Salmonella prostatitis in a man with spinal cord injury; Spinal Cord Med (2012) in Press
28. Krebs J, Pannek J
Effects of solifenacin in patients with neurogenic detrusor overactivity as a result of spinal cord lesion; Spinal Cord (2012) in Press
29. Krebs, J., J. Pannek, J. Janzen
Primär abszedierende Infektion einer Hydrozele testis.; Schweiz Med Forum (2012) 47;868-869



Schweizer
Paraplegiker
Zentrum

Centre
suisse des
paraplégiques

Centro
svizzero per
paraplegici

Swiss
Paraplegic
Centre

30. Labruyère R., Perret C.
The Level of Lactic Acidosis Affects Lactate Minimum in a Heart Rate-Based Lactate Minimum Test; *Int J Sports Med* (2012) 33;898-902
31. Lierz, P., H. Losch, P. Felleiter
Evaluation of a single preoperative dose of etoricoxib for postoperative pain relief in therapeutic knee arthroscopy; *Acta Orthopaedica* (2012) 83(6);642-647
32. Lierz, P., K. Alo, P. Felleiter
CT guided percutaneous disc decompression.; *Puesta al Dia en Anestesia Regional y Tratamiento del Dolor* (2012) 15;279-286
33. Mathewson MA, Chapman MA, Hentzen ER, Fridén J, Lieber RL
Anatomical, architectural, and biochemical diversity of the murine forelimb muscles.; *J Anat* (2012) 221(5);443-51
34. Michael M., Roth K.
Against all odds: a qualitative study of rehabilitation of persons with spinal cord injury in Afghanistan; *Spinal Cord* (2012) 50;864-868
35. Mueller G., de Groot S., Woude L.H., Perret C., Michel F., Hopman M.T.
Prediction models and development of an easy to use open-access tool for measuring lung function of individuals with motor complete spinal cord injury; *Journal of Rehabilitation Medicine* (2012) 44(8);642-647
36. Mueller G., Perret C., Michel F., Berger M., Hopman M.T.
Reproducibility of assessing rib cage mobility from computed tomography images; *Clinical physiology and functional imaging* (2012) 32(4);282-7
37. Osthoff M. Michel F., Strupler M., Miedinger D., Taegtmeyer AB., Leuppi JD., Perret C.
Bronchial hyperresponsiveness testing in athletes of the Swiss Paralympic team; *Sports Med Arthrosc Rehabil Ther Technol* (2012) in Press
38. Pannek J
Prophylaxe von Harnwegsinfektionen bei querschnittgelähmten Personen mit Blasenfunktionsstörung - aktuelle klinische Praxis.; *Aktuelle Urol* (2012) 43;55-8
39. Pannek, J
Editorial note on: Morbidity of urinary tract infection after urodynamic examination of hospitalized SCI Patients: the impact of bladder management; *Spinal Cord* (2012) in Press
40. Pannek, J., M.C. Jus, M.S.Jus
Homöopathische Prophylaxe von Harnwegsinfekten bei Patienten mit neurogener Blasenfunktionsstörung; *Urologe A* (2012) 51;544-6
41. Pannek, J., P. Bartel, K. Göcking
Clinical usefulness of the transobturator sub-urethral tape in the treatment of stress urinary incontinence in female patients with spinal cord lesion; *J Spinal Cord Med* (2012) 35;102-6
42. Pannek, J., P. Bartel, K. Göcking, A. Frotzler A
Clinical usefulness of ultrasound assessment of detrusor wall thickness in patients with neurogenic lower urinary tract dysfunction due to spinal cord injury: urodynamics made easy?; *World J Urol* (2012) in Press
43. Perret C., Labruyère R., Mueller G., Strupler M.
Correlation of heart rate at lactate minimum and maximal lactate steady state in wheelchair racing athletes; *Spinal Cord* (2012) 50;33-6



Schweizer
Paraplegiker
Zentrum

Centre
suisse des
paraplégiques

Centro
svizzero per
paraplegici

Swiss
Paraplegic
Centre

44. Sievert, K.D., T.M. Kessler, B. Amend, G. Kiss, J. Pannek
Behandlungsverfahren der Blase bei Querschnittslähmung und Myelomeningozele; Urologe A (2012) in Press
45. Strupler M., Perret C.
Doping-Substanzen und -Bekämpfung im Sport - Informationen zur Doping-Problematik; Schweiz Med Forum (2012) 12;165-9
46. Takahashi M, Ward SR, Fridén J, Lieber RL
Muscle excursion does not correlate with increased serial sarcomere number after muscle adaptation to stretched tendon transfer.; J Orthop Res (2012) 30(11);1774-80
47. Tsiampa VA, Ignatiadis I, Papalois A, Givissis P, Christodoulou A, Fridén J
Structural and mechanical integrity of tendon-to-tendon attachments used in upper limb tendon transfer surgery.; J Plast Surg Hand Surg (2012) 46(3-4);262-6
48. Van Ophoven, A., J. Pannek
Die Zukunft der invasiven Neuromodulation. Neue Techniken und erweiterte Indikationen; Urologe A (2012) 51;212-6
49. van Ophoven, A., J. Pannek
Neuro-Urologie; Urologe A (2012) 51;167
50. Wangdell J, Fridén J
Activity gains after reconstructions of elbow extension in patients with tetraplegia.; J Hand Surg Am (2012) 37(5);1003-10
51. Ziegler,D., J. Keller, C. Maier, J. Pannek
Diabetische Neuropathie; Diabetologie (2012) 7 (Suppl 2);S88–S98
52. Zweig T, Aghayev E, Melloh M, Dietrich D, Röder C; P. Moulin, SWISSspine Registry Group
Influence of preoperative leg pain and radiculopathy on outcomes in mono-segmental lumbar total disc replacement: results from a nationwide registry; Eur Spine J (2012) 21(S6);729-36