

CURRICULUM VITAE



Name	Markus Wirz
Academic Appointment	Master of Physical Therapy Science (MPTSc)
Clinical Appointment	Head Physiotherapy Spinal Cord Injury Center
Address	Spinal Cord Injury Center / Physiotherapy Balgrist University Hospital Forchstrasse 340 8008 Zurich Tel: +41 (0)44 386 15 96 Fax: +41 (0)44 386 37 31 mwirz[at]paralab.balgrist.ch
Clinical Interests	Rehabilitation after Spinal Cord Injury Clinical outcome measures Locomotor training
Languages	German, English
Graduate	Physiotherapy School of the University Hospital Zurich (USZ)
Postgraduate	MPTSc University of Maastricht
Stipends and Awards	Guttman-Preis 2004 der Deutschsprachigen Medizinischen Gesellschaft für Paraplegie
Membership	<ul style="list-style-type: none">- Fisio, Schweizer Physiotherapieverband- Schweizerische Arbeitsgemeinschaft für Rehabilitation (SAR)- Interessengemeinschaft für Physiotherapie Neurorehabilitation (IGPNR)- Deutschsprachige Medizinische Gesellschaft für Paraplegie (DMGP)
Reviewer	<ul style="list-style-type: none">- Spinal Cord- Archives of Physical Medicine and Rehabilitation- Neurorehabilitation and Neural Repair- Journal of Neurologic Physical Therapy- Journal of Neurology
Relevant Publications	<ul style="list-style-type: none">- Lam T, Wirz M, Lünenburger L, Dietz V. Swing phase resistance enhances flexor muscle activity during treadmill locomotion in

- incomplete spinal cord injury. *Neurorehabil Neural Repair*. 2008 Sep-Oct;22(5):438-46.
- Van Hedel HJ, **Wirz M**, Dietz V. Standardized assessment of walking capacity after spinal cord injury: The European network approach. *Neurol Res*. 2008;30(1):61-73.
 - **Wirz M**, van Hedel HJ, Rupp R, Curt A, Dietz V, EMSCI Study Group. Muscle Force and Gait Performance: Relationships after Spinal Cord Injury. *Arch Phys Med Rehabil* 2006 Sep;87(9):1218-22.
 - **Wirz M**, Zemon DH, Rupp R, Scheel A, Colombo G, Dietz V, Hornby TG. Effectiveness of an Automated Locomotor Training in Patients with a Chronic Incomplete Spinal Cord Injury: A Multicenter Trial. *Arch Phys Med Rehabil*. 2005 Apr;86(4):672-80.
 - **Wirz M**, Colombo G, Dietz V. Assessment of biomechanical parameters with the gait training robot Lokomat. *Gait & Posture* 2005;21 (Supp. 1):152.
 - Van Hedel HJ, **Wirz M**, Curt A. Improving walking assessment in subjects with an incomplete spinal cord injury: responsiveness. *Spinal Cord*. 2006 Jun;44(6):352-6.
 - **Wirz M**, Colombo G, Dietz V. Long Term Effects of Locomotor Training in Spinal Humans. *J Neurol Neurosurg Psychiatry*. 2001 Jul;71(1):93-6
 - Dietz V, **Wirz M**, Jensen L. Locomotion in patients with spinal cord injuries. *Phys Ther*. 1997 May;77(5):508-16. Review.

Book Chapters

Schädler, Lüthi, Marks, **Wirz**, Pfeffer, Kool: Assessments in der Neurorehabilitation. Handbuch, herausgegeben durch die Interessengemeinschaft Physiotherapie Neurorehabilitation.