

Personal Details

Name	Andreas Meyer-Heim
Position	Head Division of Paediatric Rehabilitation and Rehabilitation Centre, University Children's Hospital Zurich
Academic Position	PD Dr. med. Private Lecturer: <i>venia legendi</i> post-doctorate university teaching qualification awarded in the domain of paediatric Rehabilitation
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Graduate, post graduate & working experience

1994	Graduate Medical School, University of Zurich
1994-1995	General surgery and traumatology, Central Hospital Honiara, Solomon Islands (Dr. med. Dr. hc. H. Oberli)
1995-1996	University Hospital Zurich, Dept. Pathology (Prof. Ph. Heitz), Paedopathology (Prof. J. Briner)
1996-1997	Cantonal Hospital Baden, Paediatric Department, (Dr. M. Wopmann)
1997-2000	University Children's Hospital Zurich (Prof. F. H. Sennhauser): <ul style="list-style-type: none"> - General Paediatrics and Outpatient Clinic (KD Dr. U. Lips) - Paediatric Surgery (Prof. U. G. Stauffer) - Paediatric Oncology/Hematology (Prof. Dr. F. Niggli) - Neonatology, Paediatric Intensive Care (Prof. S. Fanconi) - Growth and Developmental Paediatrics (Prof. R. H. Largo)
2001	Paediatric training completed (Board examination, FMH)
2000	University Children's Hospital Zurich (Prof. F. H. Sennhauser): pediatric Rehabilitation, Rehabilitation Center Affoltern am Albis (Dr. B. Knecht)
2001	University Children's Hospital Zurich (Prof. F. H. Sennhauser): Neuropaediatrics (Prof. E. Boltshauser)
2002	Balgrist University Hospital (Prof. Ch. Gerber): <ul style="list-style-type: none"> - Paediatric Orthopedics (Prof. G. U. Exner, Dr. St. Dierauer) - Technical Orthopaedics (Dr. Th. Böni, Prof. B. Rüttimann)
2003	Chailey Heritage Clinical Services, SouthDowns NHS Trust, Sussex, UK (Dr. E. Green): Fellowship child rehabilitation (Dr. Y. Khan, Dr. Ch. Fairhurst)
2004	Rehabilitation Clinic Valens: Neurology/Neurorehabilitation (Prof. J. Kesselring)
2005-2010	University Children's Hospital Zurich (Prof. F. H. Sennhauser), Rehabilitation Centre for Children and Adolescents, Affoltern am Albis (Dr. B. Knecht): Senior Physician Paediatric Rehabilitation
2006-2010	Head REHABResearchGroup.
2010	University Children's Hospital Zurich. Head Rehabilitation centre and Division of Paediatric Rehabilitation

Commendations, Awards and Prizes

- Serono Charity Grant 2006 for: Advanced Cooling Garment Technology Project
- Venture Preis ETH-McKinsey 2008 for: Advanced Cooling Garment Technology Project
- First Poster award, Congress SAR/SGMPR/SGNR 2008 for: Virtual Reality (VR) based Paediatric Interactive Therapy System (PITS) for improvement of handfunction in children with motor impairment. Wille D, Eng K, Holper L, Chevrier E, Kiper D, Meyer-Heim A.
- Second best Poster award, Congress SAR/SGMPR/SGNR 2008 for: Influence of robotic gait training on muscle stiffness in children with cerebral palsy. Schmartz A, Müller R, Meyer-Heim A, Bolliger M.
- Best paper award Virtual Rehabilitation 2008 for:
Pyk P, Wille D, Chevrier E, Hauser Y, Holper L, Fatton I, Greipl R, Schlegel S, Ottiger L, Rückreim B, Pescatore A, Meyer-Heim A, Kiper D and Eng K. A Paediatric Interactive Therapy System for Arm and Hand Rehabilitation. Virtual Rehabilitation 2008, Vancouver, Canada.
- Best Poster award 6. LizentiandInnen- und DoktorandInnenkongress des Psychologischen Institutes der Universität Zürich 2008, Zurich, Switzerland for:
Increased participation of children with cerebral palsy in virtual reality-based Lokomat training. Brütsch K, König A, Zimmerli L, Meyer-Heim A, Köneke S, Lünenburger L, Riener R, Jäncke L.
- Hans Heinrich Georg Queckenstedt Preis 2009 Deutsche Gesellschaft für Multiple Sklerose: Landesverband Mecklenburg-Vorpommern for:
Meyer-Heim AD, Kool J, Rothmaier M, Weder M, Schenk P, Kesselring J. Advanced cooling-garment technology: functional improvements in thermosensitive patients with multiple sclerosis. Multiple Sclerosis 2007;13:232-7. Rothmaier M, Weder M, Meyer-Heim A, Kesselring J. Design and Performance of Personal Cooling Garments based on Three-Layer Laminates. Med Biol Eng Comput. 2008; 46:825-32.
- Poster Award University Children's Hospital Zurich 2009 for:
Virtual Realities as a Motivation Tool for the Gait Training in the Pediatric Lokomat. Schuler T, Müller R, Brütsch K, Meyer-Heim A.
- Belobigung Fürst Donnersmarck-Stiftung zu Berlin Forschungspreis 2009 for:
Meyer-Heim AD, Kool J, Rothmaier M, Weder M, Schenk P, Kesselring J. Advanced cooling-garment technology: functional improvements in thermosensitive patients with multiple sclerosis. Multiple Sclerosis 2007;13:232-7. Rothmaier M, Weder M, Meyer-Heim A, Kesselring J. Design and Performance of Personal Cooling Garments based on Three-Layer Laminates. Med Biol Eng Comput. 2008; 46:825-32.
- Advancement Prize (1. Preis) European Innovative Games Award EIGA, Kategorie "Application Methods & Environments" 2010, Frankfurt am Main für: GABARELLO (Game based Rehabilitation for Lokomat) – Project.
- Poster Award Congress Schweiz. Arbeitsgemeinschaft für Rehabilitation SAR, Basel 2010 für: Clinical evaluation of virtual reality based Paediatric Interactive Therapy System (PITS) für neurorehabilitation for children with cerebral palsy. Wick K, Spack A, Eng K, Holper L, Kiper D, Chevrier E, Pyk P, Jäncke L, Meyer-Heim A.
- Best Poster Award, International Conference on Virtual Rehabilitation (ICVR), Rehab week Zurich 2011 for: Götz U, Brütsch K, Bauer R, Faller F, Spoerri R, Meyer-Heim A, Riener R, Koenig A. A Virtual Reality System for Robot-Assisted Gait Training Based on Game Design Principles
- Eberhard Ketz Prize 2011, Stiftung Pro Humanis (Schweiz. Gesellschaft für Neurologie, St. Gallen) for: Brütsch K, Koenig A, Zimmerli L, Mérillat-Koeneke S, Riener R, Jäncke L, van Hedel HJ, Meyer-Heim A. Virtual reality for enhancement of robot-assisted gait training in children with neurological gait disorders. J Rehabil Med. 2011;43(6):493-9.

Scientific Interests

- Novel therapy approaches for sensory-motor learning in children with central motor impairment
- Investigating effectiveness and outcome in paediatric neurorehabilitation

Grants

Schweizerische Stiftung für das Cerebral gelähmte Kind (Stiftung Cerebral), Anna Müller Grocholski Stiftung, Kispi Ball Donation 2005, CS Jubiläumsstiftung, Lego Schweiz Donation, Vontobel Stiftung Zürich, Cramer Stiftung, Stiftung Kinderhilfe Sternschnuppe, Forschungskredit Universität Zürich, Fondation Gaydoul, Hochspezialisierte Medizin Kanton Zürich, Kiwanis Club, Olga Mayenfisch Stiftung, Mäxi-Stiftung, Schweiz.

Reviewer

- J Health Care Eng
- Med Eng & Phys

Memberships

- SVPR, ASRP Swiss Association for Pediatric Rehabilitation, Executive board, deputy chairman
- SGNR Swiss Association for Neurorehabilitation, Executive board
- SGNP AO Mitglied Schweizerische Gesellschaft für Neuropädiatrie
- SAR Schweizerische Arbeitsgemeinschaft für Rehabilitation
- EACD European Academy of Childhood Disability
- VSAO Verband der Schweiz. Assistenz- und Oberärzte
- FMH Swiss Medical Association
- SPG Swiss Society of Paediatrics
- ZNZ Neuroscience Center Zurich – Group leader
- NCCR Neural plasticity and repair, SNF
- RITZ Rehabilitation Initiative & Technology Center Zurich
- Scientific board, International Conference on Rehabilitation Robotics, ICORR2011, rehab week Zurich
- Stiftungsrat Stiftung Kinderhilfe Sternschnuppe, Zürich/Lausanne
- Stiftungsrat Zürcherische Pestalozzi-Stiftung, Knonau

Publications

see: <http://www.ncbi.nlm.nih.gov/pubmed?term=meyer-heim%20a%5BAuthor%5D&cmd=DetailsSearch>