

Personal Details

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| Name | Judith Graser |
| Position | PhD student Paediatric Rehab Research Group |
| Academic Position | MSc in Physiotherapy, ZHAW |
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Graduate

- **2014-present:** PhD candidate CAPHRI School for Public Health and Primary Care, Maastricht University, NL
 Participant PhD programme at Centre for Neurosciences, University and Federal Institute of Technology (ETH) Zurich, CH
- **2010-2013:** Master of Science in Physiotherapy, Zurich University of Applied Sciences (ZHAW), CH
- **2010:** UAS Degree (Bachelor of Science FHNW in Physiotherapy), CH
- **2008:** Certificate as a Bobath trained paediatric Therapist, The Bobath Centre London, UK
- **2000-2004:** School for Physiotherapy Aargau, Schinznach, CH

Scientific Interests

- Motor learning in children with neurological movement disorders
- Contextual interference, practice order
- Robot-assisted therapy
- Outcome Assessments

Publications

- **Graser JV, Bastianen CHG, Hubertus HJA. *The role of the practice order: A systematic review about contextual interference in children.* PLoS ONE 2019, 14(1): e0209979.**
- van Hedel HJA, Severini G, Scarton A, O'Brien A, Reed T, Gaebler-Spira D, Egan T, Meyer-Heim A, **Graser JV**, Chua K, Zutter D, Schweinfurter R, Möller JC, Paredes LP, Esquenazi A, Berweck S, Schroeder S, Warken B, Chan A, Devers A, Petioky J, Paik NJ, Kim WS, Bonato P, Boninger M for the ARTIC network. ***Advanced Robotic Therapy Integrated Centers (ARTIC): an international collaboration facilitating the application of rehabilitation technologies.*** JNER 2018 15:30.
- **Graser JV. *Spezifische Roboteransätze für Kinder.*** neuroreha 2017. 9: 172–178
- Rast FM, **Graser JV**, Meichtry A, Erct MJ, Bauer CM. ***Reproducibility of a new signal processing technique to assess joint sway during standing.*** J Biomech 2017, 51:133–136.
- **Graser JV, Letsch C, van Hedel HJA. *Reliability of timed walking tests and temporo-spatial gait parameters in youths with neurological gait disorders.*** BMC Neurol 2016, 16:1–12.
- Aurich (-Schuler) T, Warken B, **Graser JV**, Ulrich T, Borggraefe I, Heinen F, Meyer-Heim A, van Hedel HJA, Schroeder AS. ***Practical recommendations for robot-assisted treadmill therapy (Lokomat) in children with cerebral palsy: Indications, goal setting, and clinical implementation within the WHO-ICF***

framework. Neuropediatrics 2015, 46:248–60.

Awards

- Second price for the best PhD presentation: **Graser JV. Tailored robot-assisted arm rehabilitation in children: the role of the practice order.** The International Symposium, Clinical Research Priority Program, Neuro-Rehab, Zurich University, March 2017, Hertenstein, CH.
- Price for the best Poster: **Graser JV, Keller JW, van Hedel HJA. Robot assisted motor learning in children with cerebral palsy.** at the International Neurorehabilitation Symposium (INRS), third price at the Rehabweek; June 2015, Valencia, E.
- Anna – Müller-Grocholski – Price for clinical projects: **Graser JV, Marsico P. Development and implementation of “Reach for the Stars!” - a patient education intervention in climbing therapy.** Annual meeting of the Swiss Academy of Childhood and Disability (SACD). November 2014, Affoltern am Albis, CH.

Memberships

- Member of the International Editorial and the Review Board of Pediatric Physical Therapy
- Member of the board (quality management) of Physiotherapia Paediatrica - Swiss association for pediatric physiotherapists
- Physioswiss - Swiss association for physiotherapy
- NDTSWISS - Association of Bobath therapists Switzerland
- SACD - Swiss Academy for Childhood Disability