

Overview publications and output 2021

Doctoral Degrees

- 23 maart 2021** Universiteit Utrecht
Promovendus: **E.C.C. (Eline) van Lieshout**
Neurorehabilitation for upper limb recovery after stroke; the use of non-invasive brain stimulation
- Promotoren:** Prof. dr. R.M. (Rick) Dijkhuizen
Prof. dr. J.M.A. Visser-Meily
- Copromotor:** Dr. H.B. van der Worp
- 7 juli 2021** Universiteit Utrecht
Promovendus: **M.E. (Marleen) Sol**
Wheelchair Mobility Skills in youth using a manual wheelchair. From Test to Training
- Promotoren:** **Prof. dr. J.M.A. Visser-Meily**
- Copromotor:** Dr. J.E. de Groot
Dr. O.W. Verschuren

Scientific publications

1. Aben HP, De Munter L, Reijmer YD, Spikman JM, **Visser-Meily JMA**, Biessels GJ, De Kort PLM; PROCRAAS Study Group. Prediction of Cognitive Recovery After Stroke: The Value of Diffusion-Weighted Imaging-Based Measures of Brain Connectivity. *Stroke*. 2021 Jun;52(6):1983-1992
2. **Bakers JNE**, Van Eijk RPA, Van den Berg LH, **Visser-Meily JMA**, **Beelen A**. Pattern of muscle strength improvement after IVIg therapy in Multifocal Motor Neuropathy. *Muscle Nerve*. 2021 Jan 26. doi: 10.1002/mus.27185. Online ahead of print.
3. **De Graaf JA**, **Visser-Meily JM**, **Schepers VP**, Baars A, Kappelle LJ, **Passier PE**, Wermer MJ, De Wit DC, **Post MW**. Comparison between EQ-5D-5L and PROMIS-10 to evaluate health-related quality of life 3 months after stroke: a cross-sectional multicenter study. *Eur J Phys Rehabil Med*. 2021 Jan 15. doi: 10.23736/S1973-9087.21.06335-8. Online ahead of print. Free article.
4. **De Rooij IJM**, Van de Port, Punt M, Abbink-van Moorsel PJM, Kortsmid M, Van Eijk RPA, **Visser-Meily JMA**, **Meijer JWJG**. Effect of Virtual Reality Gait Training on Participation in Survivors of Subacute Stroke: Randomized Controlled Trial. *Phys Ther*. 2021 May 4;101(5):pzab051. doi: 10.1093/ptj/pzab051.
5. Dijkshoorn ABC, van Stralen HE, Sloots M, Schagen SB, **Visser-Meily JMA**, **Schepers VPM**. Prevalence of cognitive impairment and change in patients with breast cancer: A systematic review of longitudinal studies. *Psychooncology*. 2021 May;30(5):635-648.
6. **Dontje ML**, **Kruitwagen-van Reenen E**, **Visser-Meily JMA**, **Beelen A**; Study Group ALS Home-monitoring and Coaching. Implementation and evaluation of an e-health innovation for personalized care for patients with amyotrophic lateral sclerosis (ALS): protocol for a participatory action research study. *Implement Sci Commun*. 2021 Feb 25;2(1):25. doi: 10.1186/s43058-021-00130-z.
7. Faber W, **Stolwijk-Swüste J**, Van Ginkel F, Nachtegaal J, Zoetendal E, Winkels R, Witteman B. Faecal Microbiota in Patients with Neurogenic Bowel Dysfunction and

Spinal Cord Injury or Multiple Sclerosis-A Systematic Review. *J Clin Med*. 2021 Apr 9;10(8):1598. doi: 10.3390/jcm10081598.

8. **Fischer MJ, Ketelaar M, van der Veere PJ, Verhoef M, Wadman RI, Visser-Meily JMA, van der Pol WL, Schröder CD.** Illness Perceptions in Pediatric Spinal Muscular Atrophy: Agreement between Children and their Parents, and its Association with Quality of Life. *J Dev Phys Disabil* 2021; 33: 297-310.doi: 10.1007/s10882-020-09749-7.
9. Gosselt IK, **Scheepers VPM, Spreij LA, Visser-Meily JMA, Nijboer TCW.** Cognitive complaints in brain tumor patients and their relatives' perspectives. *Neurooncol Pract*. 2020 Nov 21;8(2):160-170. doi: 10.1093/nop/npaa078. eCollection 2021 Apr.
10. Gross-Hemmi MH, Fekete C, **Post MWM, Scheel-Sailer A, Schwegler U, Brinkhof MWG.** Detecting subgroups in social participation among individuals living with spinal cord injury: a longitudinal analysis of community survey data. *Spinal Cord*. 2021 Jan 14. doi: 10.1038/s41393-020-00576-3. Online ahead of print
11. Halvorsen A, Pape K, **Post MWM, Biering-Sørensen F, Mikalsen S, Hansen AN, Steinsbekk A.** Participation and quality of life in persons living with spinal cord injury in Norway. *J Rehabil Med*. 2021 Jul 15;53(7):jrm00217. doi: 10.2340/16501977-2858.
12. **Hulst RY, Gorter JW, Voorman JM, Kolk E, Van der Vossen S, Visser-Meily JMA, Ketelaar M, Pillen S, Verschuren O.** Sleep problems in children with cerebral palsy and their parents. *Dev Med Child Neurol*. 2021 May 15. doi: 10.1111/dmcn.14920. Online ahead of print.
13. Huurneman KAM, Lankhorst IMF, Baars ECT, **Van Wijk I, Van der Sluis CK.** Opinions on rehabilitation care of young adults with transversal upper limb reduction deficiency in their transition to adulthood. *J Pediatr Rehabil Med*. 2021;14(1):103-112. doi: 10.3233/PRM-200690.
14. Kramer N, Nijhof SL, van de Putte EM, **Ketelaar M, Grootenhuis MA, van der Ent K, Swart JF, van Grotel M, Dalmeijer GW, Nap-van der Vlist MM.** Role of parents in fatigue of children with a chronic disease: a cross-sectional study. *BMJ Paediatr Open* 2021 May 21;5(1):e001055. doi: 10.1136/bmjpo-2021-001055.
15. **Kruitwagen-Van Reenen ET, Scholten EWM, van Groenestijn A, Van Den Berg LH, Post MWM, Visser-Meily J.** Participation and autonomy in the first 10 months after diagnosis of ALS: a longitudinal study. *Amyotroph Lateral Scler Frontotemporal Degener*. 2021 Mar 8:1-9. Online ahead of print
16. **Kuiper H, Van Leeuwen CCM, Kopsky DJ, Stolwijk-Swüste JM, Post MWM.** Post-traumatic stress disorder symptoms and pain intensity in persons with spinal cord injury. *Spinal Cord*. 2021 Jan 25. doi: 10.1038/s41393-020-00599-w. Online ahead of print.
17. **Mol TI, van Bennekom CAM, Schepers VPM, Ter Hoeve N, Kruitwagen-van Reenen ET, Visser-Meily JMA, Post MWM.** Differences in societal participation across diagnostic groups: Secondary analyses of eight studies using the Utrecht Scale for Evaluation of Rehabilitation-Participation. *Arch Phys Med Rehabil*. 2021 Mar 21:S0003-9993(21)00237-9. doi: 10.1016/j.apmr.2021.02.024. Online ahead of print.
18. Moll I, **Voorman JM, Ketelaar M, van Schie PEM, Gorter JW, Lequin MH, de Vries LS, Vermeulen RJ.** Prognostic value of brain abnormalities for cognitive functioning in cerebral palsy: A prospective cohort study. *Eur J Paediatr Neurol*. 2021;32:56-65. doi: 10.1016/j.ejpn.2021.03.010.

19. Nguyen L, Bootsma J, Di Rezze B, Jack S, **Ketelaar M, Gorter JW**. Programmes to prepare siblings for future roles to support their brother or sister with a neurodisability: protocol of a scoping review. *BMJ Open*. 2021 Jul 7;11(7):e053184. doi: 10.1136/bmjopen-2021-053184.
20. Nijhuis W, Franken A, Ayers K, Damas C, Folkestad L, Forlino A, Frascini P, Hill C, Janus G, Kruse R, Wekre LL, Michiels L, Montpetit K, Panzeri L, Porquet-Bordes V, Rauch F, Sakkers R, Salles JP, Semler O, Sun J, To M, Tosi L, Yao Y, Yeung EHK, Zhytnik L, Zillikens MC, **Verhoef M**. A standard set of outcome measures for the comprehensive assessment of osteogenesis imperfecta. *Orphanet J Rare Dis*. 2021 Mar 20;16(1):140. doi: 10.1186/s13023-021-01682-y.
21. Nijssen B, Verberne DPJ, **Visser-Meily JMA, Post MWM**, De Kort PLM, Van Heugten CM. Temporal evolution and predictors of subjective cognitive complaints up to 4 years after stroke. *J Rehabil Med*. 2021 May 5. doi: 10.2340/16501977-2840. Online ahead of print.
22. Sakkers RJ, Montpetit K, Tsimicalis A, Wirth T, **Verhoef M**, Hamdy R, Ouellet JA, Castelein RM, Damas C, Janus GJ, Nijhuis WH, Panzeri L, Paveri S, Mekking D, Thorstad K, Kruse RW. A roadmap to surgery in osteogenesis imperfecta: results of an international collaboration of patient organizations and interdisciplinary care teams. *Acta Orthop*. 2021 Jun 28:1-7. doi: 10.1080/17453674.2021.1941628. Epub ahead of print
23. **Scholten EWM**, Hillebregt CF, **Ketelaar M, Visser-Meily JAM, Post MWM**. Measures used to assess impact of providing care among informal caregivers of persons with stroke, spinal cord injury, or amputation: A systematic review. *Disabil Rehabil*. 2021 Mar;43(6):746-772. doi: 10.1080/09638288.2019.1641847.
24. **Sol ME, Verschuren O**, Horemans H, Westers P, **Visser-Meily JMA**, De Groot JF, Fit for the Future Consortium. The effects of wheelchair mobility skills and exercise training on physical activity, fitness, skills and confidence in youth using a manual wheelchair. *Disabil Rehabil*. 2021 Apr 19;1-10. doi: 10.1080/09638288.2021.1907456. Online ahead of print.
25. Van Bloemendaal M, Bus SA, Nollet F, Geurts ACH, **Beelen A**. Feasibility and Preliminary Efficacy of Gait Training Assisted by Multichannel Functional Electrical Stimulation in Early Stroke Rehabilitation: A Pilot Randomized Controlled Trial. *Neurorehabil Neural Repair*. 2021 Feb;35(2):131-144.
26. Van der Kemp J, **Ketelaar M**, Gorter JW. Environmental factors associated with participation and its related concepts among children and youth with cerebral palsy: a rapid review. *Disabil Rehabil*. 2021 May 30:1-12. doi: 10.1080/09638288.2021.1923839 Online ahead of print
27. Van der Kuil MNA, **Visser-Meily JMA**, Evers AWM, Van der Ham IJM. Navigation ability in patients with acquired brain injury: A population-wide online study. *Neuropsychol Rehabil*. 2021 Mar 14;1-24. doi: 10.1080/09602011.2021.1893192. Online ahead of print
28. Van Kruijsbergen M, Schröder CD, **Ketelaar M, Van der Pol WL**, Cuppen I, Van der Geest A, Asselman FL, Fischer MJ, **Visser-Meily JMA**, Kars MC. Parents' perspectives on nusinersen treatment for children with spinal muscular atrophy. *Dev Med Child Neurol*. 2021 Feb 6. doi: 10.1111/dmcn.14825. Online ahead of print
29. **Van Lieshout ECC**, Boonzaier J, Pel AJ, van Heijningen CL, **Vink JJ, Visser-Meily JMA**, van Tilborg GAF, Dijkhuizen RM. Translational Value of Skilled Reaching Assessment in Clinical and Preclinical Studies on Motor Recovery After Stroke. *Neurorehabil Neural Repair*. 2021 May;35(5):457-467.

- 30.** Van Rijssen MN, Veldkamp M, Bryon E, Remijn L, **Visser-Meily JMA**, Gerrits E, Van Ewijk L. How do healthcare professionals experience communication with people with aphasia and what content should communication partner training entail? *Disabil Rehabil.* 2021 Feb 2;1-8. doi: 10.1080/09638288.2021.1878561. Online ahead of print
- 31.** Wondergem R, Pisters MF, Wouters EJ, de Bie RA, Veenhof C, **Visser-Meily JM**. The course of physical functioning in the first two years after stroke depends on peoples' individual movement behavior patterns. *Int J Stroke.* 2021 Apr 7;17474930211006293. doi: 10.1177/1747493021100629
- 32.** Wong Chung R, Willemen A, **Voorman JM, Ketelaar M**, Becher JG, Schuengel C. Professionals' motivation to support parental self-management regarding children with physical disability in Dutch rehabilitation services: 'Please mind your gap'. *Child Care Health Dev.* 2021 May 20. doi: 10.1111/cch.12883. Online ahead of print.

Professional publications

- 1.** Osterthun R, Postma K, van den Berg RHJ, **Stolwijk J**, Tepper M, **Post MWM**. Hoe ervaren mensen met verschillende mobiliteit na een dwarslaesie hun gezondheid, functioneren en welbevinden? *Ned Tijdschrift voor Revalidatiegeneeskunde* 2021;2: 32-36.
- 2. Scholten E.** Aandacht voor psychosociale problemen bij naasten. *Ned. Tijdschrift voor Revalidatiegeneeskunde* 2021;2, 48-49.
- 3. Van Wijk I.** Tien jaar Revalidatie jaarprijs voor innovatieve patiëntenzorg. 2018, www.nikstekort.nl- een co-creatie met maatschappelijke impact?! *Ned. Tijdschrift voor Revalidatiegeneeskunde* 2021;2, 21-25.
- 4. Visser-Meily JMA.** Niet bang zijn voor de 80+ er. *Ned. Tijdschrift voor Revalidatiegeneeskunde* 2021;3, 15-16.
- 5. Visser-Meily JMA.** Het revalidatielandschap verandert: *Ned. Tijdschrift voor Revalidatiegeneeskunde* 2021;3, 18-21.
- 6. Volkers E, Heijnen GH, Van de Mheen JG, Ramjankhan FJ, Visser-Meily JMA.** Revalidatie na steunhart-implantatie. *Ned. Tijdschrift voor Revalidatiegeneeskunde* 2021;2, 37-39.

Books and chapters

- ▶ Alsem M, Wong Chung R, **Rentinck I**, Reinders-Messelink H, Willemen A, **Ketelaar M**. Gezin en Samenleving. In: Hadders-Algra M, Pangalila RF, Becher JG, van der Burg JJW, Hielkema T, de Moor J (red), Kinderrevalidatie, 6de druk. Assen: Koninklijke van Gorcum, 2021, p 307-322. ISBN: 978-90-232-5776-9
- ▶ Schie P van, van Eck M, **Ketelaar M**, Reinders-Messelink H, Schoemaker M. Meetinstrumenten. In: Hadders-Algra M, Pangalila RF, Becher JG, van der Burg JJW, Hielkema T, de Moor J (red), Kinderrevalidatie, 6de druk. Assen: Koninklijke van Gorcum, 2021, p 41-64. ISBN: 978-90-232-5776-9
- ▶ Verheijden J, **Ketelaar M**. Ouders van een zorgintensief kind. Wie ziet door de bomen het bos nog? In: Witteveen E, Siteur-Scholten A, Brandts M (red), Hartenkreten van mantelzorgers. Over de kunst van het samenwerken. 's-Hertogenbosch: Gompel & Svacina, 2021, p 307-313. ISBN: 978-94-6371-303-0
- ▶ **Visser-Meily JMA**, Helmus-Ruiter N. Hoe is het om te leven met niet-aangeboren hersenletsel? In: Witteveen E, Siteur-Scholten A, Brandts M (Red), Hartenkreten van mantelzorgers. Over de kunst van het samenwerken. 's-Hertogenbosch: Gompel & Svacina, 2021, p 59-66. ISBN: 978-94-6371-303-0
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Scientific congresses (presentations, posters)

- ▶ Araújo Santos Santana C, **Ketelaar M**, Rosenbaum P, de Campos AC. Research about us with us: using a participative methodology in research to approximate evidence to users in developing countries. Poster presentation for the European Academy of Childhood Disability Europe 2021. May 27, 2021.
- ▶ Bakkum A, Alsem M, **Ketelaar M**, Willemen A. Exploring the 'Shared' in Shared Decision Making in Child Health: What Are the Roles of Parents and Professionals? Poster presentation for the European Academy of Childhood Disability Europe 2021. May 27, 2021.
- ▶ Bourgain M, Brochard S, Chatelin A, De La Cruz J, Dheilly E, **Gorter JW, Ketelaar M**, Mensah J, Pons C, Randazzo L, Toumi A. Accelerating INNOVation FOR CHILDren with disabilities: Creation/ Co-education of an EU e-body, presentation of the Innov4child project. Oral Presentation for the European Academy of Childhood Disability Europe 2021. May 27, 2021.
- ▶ Meeteren KM, Patty NJS, Verdonk M, Doeleman S, Willemen AM, **Ketelaar M**, Schuengel C. Burn-out among parents of children with complex care needs: a case study of partnering in research. Oral Presentation for the European Academy of Childhood Disability Europe 2021. May 27, 2021.
- ▶ Nguyen L, Davis H, Bellefeuille S, **Ketelaar M**, Di Rezze B, Jack S, & **Gorter JW** in partnership with the Sibling Youth Advisory Council. Growing and Learning Together: The Process and Outcomes of Partnering with Siblings to Design a Doctoral Patient-Oriented Research Study on Health Care Transition. Oral Presentation for the European Academy of Childhood Disability Europe 2021. Online, May 27, 2021.
- ▶ Stam PCC van, **Oude Lansink ILB**, Schafrat ECWM, Prins SD, Mocking M, **Ketelaar M**. The impact of COVID-19 pandemic on families of children with SMA: Parents' experiences. Oral Presentation for the European Academy of Childhood Disability Europe 2021. May 20, 2021.

Other presentations/training/workshops

- ▶ **Scholten EWM, Ketelaar M, Visser-Meily JMA, Post MWM**. Aandacht voor naasten. Vlog. Jaarcongres Geriatrische Revalidatie 'Kwaliteit en Praktijk'. Online, 29 januari 2021.
- ▶ **Ketelaar M, Lieshout E van**, Pelsma M, de Kleijn M. Samenwerking met ervaringsdeskundigen in onderzoek: Samen kom je verder! Workshop Colloquium 'Veerkracht', Nederlandse Vereniging van Revalidatieartsen, online, 16 april 2021.
- ▶ **Ketelaar M**, de Krom M. Patient participation in research. Workshop PhD-students, UMC Utrecht Brain Center. June 25, 2021.

Remaining

- ▶ Gorter JW en **Voorman JM**. Geef kinderen zelf invloed op hun revalidatieproces. Kinderrevalidatie volgens het zes-F-woordenmodel. *Kinderarts en Samenleving*. Januari 2021: 34-37.
- ▶ **Ketelaar M**. Jongerenparticipatie in onderzoek, do's & dont's. Interview. *ZonMw. Nieuwbrief Jeugd*, Februari 2021.
- ▶ **Nijboer T**. Van testen in een prikkelarme omgeving naar testen in de dynamiek van het dagelijks leven. Interview. *Keypoint*. 2021:2-3:12-15.
- ▶ **Scholten E**. 'Naaste, naasten, genaast'. Blog. *StudioGRZ.nl*, maart 2021.