

1. PROMOTIES

Datum: 11 mei 2021
Promovendus: Berber Brouns
Titel: eRehabilitation after stroke
Waar: Universiteit Leiden
Promotor: prof.dr. Thea Vliet Vlieland
Copromotores: dr. Jorit Meesters en dr. Arend de Kloet

2. INTERNATIONALE PEER-REVIEWED PUBLICATIES

1. Participation Restrictions among Children and Young Adults with Acquired Brain Injury in a Pediatric Outpatient Rehabilitation Cohort: The Patients' and Parents' Perspective.
Allonsius F, de Kloet A, Bedell G, van Markus-Doornbosch F, Rosema S, Meesters J, Vlieland TV, van der Holst M. Int J Environ Res Public Health. 2021 Feb 8;18(4):1625. doi: 10.3390/ijerph18041625. PMID: 33567741 **Free PMC article.**
2. Parent-reported family impact in children and young adults with acquired brain injury in the outpatient rehabilitation setting.
Allonsius F, De Kloet AJ, Van Markus-Doornbosch F, Meesters J, Kromme CH, Vliet Vlieland TPM, Van Der Holst M. Brain Inj. 2021 Apr 16;35(5):563-573. doi: 10.1080/02699052.2021.1891287. Epub 2021 Mar 18. PMID: 33734919
3. Towards a paradigm shift in pediatric rehabilitation: Accelerating the uptake of evidence on participation into routine clinical practice.
Anaby D, Khetani M, Piskur B, **van der Holst M**, Bedell G, **Schakel F, de Kloet A**, Simeonsson R, Imms C. Disabil Rehabil. 2021 Apr 8:1-12. doi: 10.1080/09638288.2021.1903102. Online ahead of print. PMID: 33832391
4. Effect of androgen deprivation therapy on cognitive functioning in men with prostate cancer: A systematic review.
Andela CD, Matte R, Jazet IM, Zonneveld WC, Schoones JW, Meinders AE. Int J Urol. 2021 Aug;28(8):786-798. doi: 10.1111/iju.14596. Epub 2021 Jun 14. PMID: 34128263
5. Efficacy and safety of a 12-week outpatient pulmonary rehabilitation program in Post-PE Syndrome.
Boon GJAM, **Janssen SMJ**, Barco S, Bogaard HJ, Ghanima W, Kroft LJM, Meijboom LJ, Ninaber MK, Nossent EJ, Spruit MA, Symersky P, Vliegen HW, Noordegraaf AV, Huisman MV, Siegerink B, **Abbink JJ**, Klok FA. Thromb Res. 2021 Oct;206:66-75. doi: 10.1016/j.thromres.2021.08.012. Epub 2021 Aug 17. PMID: 34419865
6. Wearable Activity Monitoring in Day-to-Day Stroke Care: A Promising Tool but Not Widely Used.
Braakhuis HEM, Busman, JBJ, Ribbers GM, **Berger MAM.** Sensors 2021, 21, 4066.
<https://doi.org/10.3390/s21124066>
7. Physical activity dimensions after stroke: patterns and relation with lower limb function.
Braakhuis HEM, **Monique A. M. Berger**, Ruben G. R. H. Regterschot, Erwin E. H. van Wegen, Ruud W. Selles, Gerard M. Ribbers and Johannes B. J. Bussmann. Journal of NeuroEngineering and Rehabilitation (2021) 18:171 <https://doi.org/10.1186/s12984-021-00960-x>

8. Repeated greater occipital nerve injections with corticosteroids in medically intractable chronic cluster headache: a retrospective study.
Brandt RB, Doesborg PGG, Meilof R, de **Coo IF**, Bartels E, Ferrari MD, Fronczek R.
Neurol Sci. 2021 Jun 22. doi: 10.1007/s10072-021-05399-5. Online ahead of print.
PMID: 34159486

9. Effect of a comprehensive eRehabilitation intervention alongside conventional stroke rehabilitation on disability and health-related quality of life: A pre-post comparison.
Brouns B, van Bodegom-Vos L, **de Kloet AJ**, **Tamminga SJ**, **Volker G**, **Berger MAM**, Fiocco M, Goossens PH, **Vliet Vlieland TPM**, **Meesters JLL**. J Rehabil Med. 2021 Mar 5;53(3):jrm00161. doi: 10.2340/16501977-2785. PMID: 33369683

10. Clinical Unmet Needs in the Treatment of Adrenal Crisis: Importance of the Patient's Perspective.
Claessen KMJA, **Andela CD**, Biermasz NR, Pereira AM. Front Endocrinol (Lausanne). 2021 Jul 20;12:701365. doi: 10.3389/fendo.2021.701365. PMID: 34354671

11. Referral to and enrolment in cardiac rehabilitation after open-heart surgery in the Netherlands.
Conijn D, de Lind van Wijngaarden RAF, Vermeulen HM, **Vliet Vlieland TPM**, **Meesters JLL**. Neth Heart J. 2021 Jul 14. doi: 10.1007/s12471-021-01598-z. Online ahead of print. PMID: 34259996

12. Machine Learning to Improve Orientation Estimation in Sports Situations Challenging for Inertial Sensor Use.
Dijk, van M.P., Manon Kok, **Monique A. M. Berger**, Marco J. M. Hoozemans and DirkJan H. E. J. Veeger. Frontiers in Sports and Active Living 03 augustus 2021, 1-12. doi: 10.3389/fspor.2021.670263

13. Obtaining wheelchair kinematics with one sensor only? The trade-off between number of inertial sensors and accuracy for measuring wheelchair mobility performance in sports.
Dijk, van M.P., Slikke, R.M.A., Rupf, R., M.J.M. Hoozemans, **M.A.M. Berger** and H.E.J. Veeger. J. Biomechanics, November 2021, <https://doi.org/10.1016/j.jbiomech.2021.1108>

14. Discussing Personalized Prognosis Empowers Patients with Amyotrophic Lateral Sclerosis to Regain Control over Their Future: A Qualitative Study
Remko M van Eenennaam, Loulou S Koppenol, Willeke J Kruihof, Esther T Kruitwagen-van Reenen, **Sotice Pieters**, Michael A van Es, Leonard H van den Berg, Johanna M A Visser-Meily, Anita Beelen. Brain Sci. 2021 Nov 30;11(12):1597. doi: 10.3390/brainsci11121597.
PMID: 34942899 PMCID: PMC8699408 DOI: 10.3390/brainsci11121597. Free PMC article

15. How does hip osteoarthritis differ from knee osteoarthritis?
Hall M, van der Esch M, Hinman RS, Peat G, de Zwart A, Quicke JG, Runhaar J, Knoop J, van der Leeden M, de Rooij M, Meulenbelt I, **Vliet Vlieland T**, Lems WF, Holden MA, Foster NE, Bennell KL. Osteoarthritis Cartilage. 2021 Sep 29:S1063-4584(21)00915-8. doi: 10.1016/j.joca.2021.09.010. Online ahead of print. PMID: 34600121 Review.

16. Cross-cultural adaptati on and psychometric testing of the Dutch and German versions of the Evaluation of Daily Activity Questionnaire in people with rheumatoid arthritis.
Hammond A, **Meesters J**, Niedermann K, Tennant A, **Vliet Vlieland T**, Tyson S, Nordenskiöld U. Rheumatol Int. 2021 May;41(5):951-964. doi: 10.1007/s00296-020-04657-7. Epub 2020 Jul 26. PMID: 32715341 Free PMC article.

17. System-based interventions to improve outcome in out-of-hospital cardiac arrest patients: a Dutch experience.
Heringhaus C, Bosch J, **Oosterveer D**, de Visser M. Eur J Emerg Med. 2021 Dec 1;28(6):416-417. doi: 10.1097/MEJ.0000000000000887. PMID: 34714813 No abstract available.
18. Organisation and content of supervised group exercise for people with axial spondyloarthritis in The Netherlands.
Hilberdink B, van der Giesen F, **Vliet Vlieland T**, van Weely S. Rheumatol Int. 2021 Feb;41(2):391-401. doi: 10.1007/s00296-020-04742-x. Epub 2020 Nov 26. PMID: 33244645 **Free PMC article.**
19. Implementing enhancements in supervised group exercise for people with axial spondyloarthritis: a hybrid effectiveness-implementation study.
Hilberdink B, van der Giesen F, **Vliet Vlieland T**, van Bodegom-Vos L, Van Weely S. Scand J Rheumatol. 2021 Nov 17:1-9. doi: 10.1080/03009742.2021.1992845. Online ahead of print. PMID: 34788187
20. Vascular adaptations in nonstimulated areas during hybrid cycling or handcycling in people with a spinal cord injury: a pilot study of 10 cases.
Jansen E, de Groot S, Smit CA, Thijssen DHJ, Te Hopman M, Janssen TWJ. Spinal Cord Ser Cases. 2021 Jun 30;7(1):54. doi: 10.1038/s41394-021-00417-2. PMID: 34193818 Clinical Trial.
21. "Can Do" Versus "Do Do" in Patients with Asthma at First Referral to a Pulmonologist.
Janssen SMJ, Spruit MA, Antons JC, Djamin RS, **Abbink JJ**, van Helvoort HAC, van 't Hul AJ. J Allergy Clin Immunol Pract. 2021 Mar;9(3):1278-1284. doi: 10.1016/j.jaip.2020.09.049. Epub 2020 Oct 21. PMID: 33097458
22. Pulmonary Rehabilitation Improves Self-Management Ability in Subjects With Obstructive Lung Disease.
Janssen SM, **Vliet Vlieland TP**, **Volker G**, Spruit MA, **Abbink JJ**. Respir Care. 2021 Aug;66(8):1271-1281. doi: 10.4187/respcare.07852. Epub 2021 May 4. PMID: 33947790
23. Are pain, functional limitations and quality of life associated with objectively measured physical activity in patients with end-stage osteoarthritis of the hip or knee?
Leichtenberg CS, van Tol FR, Gademan MGJ, Krom T, Tilbury C, Horemans HLD, Bussmann JBJ, Verdegaal SHM, Marijnissen WJCM, Nelissen RGHH, **Vliet Vlieland TPM**. Knee. 2021 Mar;29:78-85. doi: 10.1016/j.knee.2020.12.019. Epub 2021 Feb 12. PMID: 33582594
24. Physical therapy in patients with systemic sclerosis: physical therapists' perspectives on current delivery and educational needs.
Liem S, van Leeuwen NM, **Vliet Vlieland T**, Boerrigter G, van den Ende C, de Pundert L, Schriemer MR, Spierings J, Vonk MC, de Vries-Bouwstra JK. Scand J Rheumatol. 2021 Jul 15:1-8. doi: 10.1080/03009742.2021.1937306. Online ahead of print. PMID: 34263718
25. Physical therapy in systemic sclerosis: the patient perspective.
Liem SIE, van Leeuwen NM, **Vliet Vlieland TPM**, Boerrigter GMW, van den Ende CHM, de Pundert LAJ, Schriemer MR, Spierings J, Vonk MC, de Vries-Bouwstra JK. Arthritis Care Res (Hoboken). 2021 Jul 5. doi: 10.1002/acr.24741. Online ahead of print. PMID: 34219404

26. Comparison of KOOS Scores of Middle-Aged Patients Undergoing Total Knee Arthroplasty to the General Dutch Population Using KOOS Percentile Curves: The LOAS Study.
Loef M, Gademan MGJ, Latijnhouwers DAJM, Kroon HM, Kaptijn HH, Marijnissen WJCM, Nelissen RGHH, **Vliet Vlieland TPM**, Kloppenburg M; LOAS Study Group. J Arthroplasty. 2021 Aug;36(8):2779-2787.e4. doi: 10.1016/j.arth.2021.03.050. Epub 2021 Mar 30. PMID: 33875288
27. Determining the minimal important change of the 6-minute walking test in Multiple Sclerosis patients using a predictive modelling anchor-based method.
Oosterveer DM, van den Berg C, **Volker G**, Wouda NC, Terluin B, Hoitsma E. Mult Scler Relat Disord. 2021 Nov 30;57:103438. doi: 10.1016/j.msard.2021.103438. Online ahead of print. PMID: 34871859
28. Differences in length of stay and therapy hours of inpatient stroke rehabilitation between 2 rehabilitation centers in the Netherlands.
Oosterveer DM, **Groeneveld I**, **Arwert HJ**, **Volker G**, Goossens P, **Vliet Vlieland TPM**. Physical Medicine & Rehabilitation Journal 4 (2021), pp 130
29. Clinical Practice Guideline for Physical Therapist Management of People With Rheumatoid Arthritis.
Peter WF, Swart NM, Meerhoff GA, **Vliet Vlieland TPM**. Phys Ther. 2021 Aug 1;101(8):pzab127. doi: 10.1093/ptj/pzab127. PMID: 34003240
30. Reliability of an adapted core strength endurance test battery in individuals with axial spondylarthritis.
Rausch AK, Baltisberger P, Meichtry A, Topalidis B, Ciurea A, **Vliet Vlieland TPM**, Niedermann K. Clin Rheumatol. 2021 Apr;40(4):1353-1360. doi: 10.1007/s10067-020-05408-6. Epub 2020 Sep 21. PMID: 32959189 Free PMC article.
31. Rationale and description of BrainLevel: Computerized repeated practice with strategy use instruction for children with acquired brain injury.
Resch C, Hurks P, **de Kloet A**, van Heugten C. Clin Rehabil. 2021 Jun;35(6):787-800. doi: 10.1177/0269215521989652. Epub 2021 Feb 1. PMID: 33517763 Free PMC article.
32. Referral and participation in cardiac rehabilitation of patients following acute coronary syndrome; lessons learned.
Rodrigo SF, **Van Exel HJ**, Van Keulen N, Van Winden L, Beeres SLMA, Schaliij MJ. Int J Cardiol Heart Vasc. 2021 Aug 20;36:100858. doi: 10.1016/j.ijcha.2021.100858. eCollection 2021 Oct. PMID: 34466654 Free PMC article.
33. Patient reported outcome of silversplints used for osteoarthritis of the hand
Roux N, van der Windt JW, Akkerman W, Toor M. M-CC 2021; 4: jrmcc00060. doi: 10.2340/20030711-1000060. Journal of Rehabilitation Medicine Clinical Communications JMR-CC vol. 4, 2021 article 1000060
34. The Impact of Deployment and Combat Exposure on Physical Health Among Military Personnel: A Systematic Review of Incidence, Prevalence, and Risks.
Teplova AE, Bakker HAHM, Perry SIB, van Etten-Jamaludin FS, Plat MJ, Bekkers MBM. Mil Med. 2021 Jul 23;usab302. doi: 10.1093/milmed/usab302. Online ahead of print. PMID: 34296281

35. Feasibility of Collecting Multiple Patient-Reported Outcome Measures Alongside the Dutch Arthroplasty Register.
 Tilbury C, Leichtenberg CS, Kaptein BL, Koster LA, Verdegaal SHM, Onstenk R, der Zwaag HMJVL, Krips R, Kaptijn HH, Vehmeijer SBW, Marijnissen WCM, Meesters JLL, van Rooden SM, Brand R, Nelissen RGHH, Gademan MGJ, **Vlieland TPMV**. J Patient Exp. 2020 Aug;7(4):484-492. doi: 10.1177/2374373519853166. Epub 2019 Jun 4. PMID: 33062868 Free PMC article.
36. Healthcare utilization and costs among prolactinoma patients: a cross-sectional study and analysis of determinants.
 van der Meulen M, Zamanipoor Najafabadi AH, Lobatto DJ, van den Hout WB, **Andela CD**, Zandbergen IM, Pereira AM, van Furth WR, **Vliet Vlieland TPM**, Biermasz NR. Pituitary. 2021 Feb;24(1):79-95. doi: 10.1007/s11102-020-01089-1. Epub 2020 Oct 6. PMID: 33025546 Free PMC article.
37. Improvement of physical activity levels in children and adolescents after surgery for congenital heart disease: preferences and use of physical therapy.
 van Egmond-van Dam JC, **Vliet Vlieland TPM**, Kuipers IM, Blom NA, Ten Harkel ADJ. Disabil Rehabil. 2021 Jun 8:1-8. doi: 10.1080/09638288.2021.1924298. Online ahead of print. PMID: 34100664
38. Aging With Cerebral Palsy: A Photovoice Study Into Citizenship.
 van Heijningen VG, Cardol M, van Heijningen-Tousain HJM, **Oosterveer DM, van Markus-Doornbosch F**, Sattoe JNT, **van der Holst M**, Hilberink SR. Front Neurol. 2021 Aug 31;12:729509. doi: 10.3389/fneur.2021.729509. eCollection 2021. PMID: 34531818 Free PMC article.
39. Assessment of Tissue Viability Following Amputation Surgery Using Near-Infrared Fluorescence Imaging With Indocyanine Green.
 Van Den Hoven P, Van Den Berg SD, Van Der Valk JP, **Van Der Krogt H**, Van Doorn LP, Van De Bogt KEA, Van Schaik J, Schepers A, Vahrmeijer AL, Hamming JF, Van Der Vorst JR. Ann Vasc Surg. 2022 Jan; 78:281-287. doi: 10.1016/j.avsg.2021.04.030. Epub 2021 Jun 25
40. Societal burden of stroke rehabilitation: Costs and health outcomes after admission to stroke rehabilitation.
van Meijeren-Pont W, Tamminga SJ, Goossens PH, Groeneveld IF, **Arwert H, Meesters JLL, Mishre RR, Vlieland TPM**, van den Hout WB; The Stroke Cohort Outcomes of REhabilitation (SCORE) study group. J Rehabil Med. 2021 Jun 2;53(6):jrm00201. doi: 10.2340/16501977-2829. PMID: 33856036
41. Effectiveness and cost-effectiveness of longstanding exercise therapy versus usual care in patients with axial spondyloarthritis or rheumatoid arthritis and severe limitations: The protocols of two parallel randomized controlled trials.
 van Wissen MAT, Teuwen MMH, van den Ende CHM, **Vliet Vlieland TPM**, den Broeder AA, van den Hout WB, Peter WF, van Schaardenburg D, van Tubergen AM, Gademan MGJ, van Weely SFE. Physiother Res Int. 2021 Nov 15:e1933. doi: 10.1002/pri.1933. Online ahead of print. PMID: 34780107
42. Novel advances in cardiac rehabilitation : Position paper from the Working Group on Preventive Cardiology and Cardiac Rehabilitation of the Netherlands Society of Cardiology.
 Vromen T, Brouwers RWM, Jorstad HT, Kraaijenhagen RA, Spee RF, Wittekoek ME, Cramer MJ, van Hal JMC, Hofstra L, Kuijpers PMJC, de Melker EC, **Rodrigo SF**, Sunamura M, Uszko-Lencer NHMK, Kemps HM. Neth Heart J. 2021 Oct;29(10):479-485. doi: 10.1007/s12471-021-01585-4. Epub 2021 Jun 10. PMID: 34114176 Free PMC article. Review.

43. Safety and efficacy of occipital nerve stimulation for attack prevention in medically intractable chronic cluster headache (ICON): a randomised, double-blind, multicentre, phase 3, electrical dose-controlled trial.

Wilbrink LA, **de Coo IF**, Doesborg PGG, Mulleners WM, Teernstra OPM, Bartels EC, Burger K, Wille F, van Dongen RTM, Kurt E, Spincemaille GH, Haan J, van Zwet EW, Huygen FJPM, Ferrari MD; ICON study group. Lancet Neurol. 2021 Jul;20(7):515-525. doi: 10.1016/S1474-4422(21)00101-0. PMID: 34146510 Clinical Trial.

3. NATIONALE PEER-REVIEWED PUBLICATIES

1. Fysiotherapeutische interventies voor verpleeghuisbewoners met dementie: een umbrella review. Boer D, Schmidt C, **Vliet Vlieland T**. Nederlands Tijdschrift voor Geriatrie Fysiotherapie 2021; 35 (2): 8-25.
2. Recht op gezondheid in de revalidatiegeneeskunde. Schepman AHBC, Tepper M, **Schutte E**. Nederlands Tijdschrift voor Revalidatiegeneeskunde, december 2021
3. Digitalisering van het onderwijs: Tips van de Junior VRA. Forbes KJ, Albers I, Burgmeijer E, Habets I, Jong Tjien Fa A, **Schutte E**. Nederlands Tijdschrift voor Revalidatiegeneeskunde, september 2021
4. Kijk bij revalidatie naar de hele mens. **Wessel CH**, Verbunt J, Visser-Meily A. Medisch Contact 34-35, augustus 2021
5. Rolstoelen: Technologie, optimalisatie en individuele afstemming. Vegter, R.K.J., **Berger, M.A.M.** de Groot, S. 2021 Nederlands Tijdschrift voor Revalidatiegeneeskunde september 2021 p.31-33

