

Publikationen

- Beijersbergen C.M.I., Hortobágyi T., **Beurskens R.**, Gaebler M., Granacher U.: Design and Protocol for a Randomized Controlled Trial on the Effects of Power Training on Mobility and Gait Biomechanics in Old Adults with Moderate Mobility Disability: the Potsdam Gait Study (POGS). *Gerontology*. doi: 10.1159/000444752)
- **Beurskens R.**, Muehlbauer T., Granacher U.: Association of dual-task walking performance and leg muscle quality in healthy children. *BMC Pediatr*. 2015;15:2. doi: 10.1186/s12887-015-0317-8
- **Beurskens R.**, Muehlbauer T., Grabow L., Kliegl R., Granacher U.: Effects of backpack carriage on dual-task performance in children during standing and walking - accepted 01/2016 (*Journal of Motor Behavior*)
- **Beurskens R.**, Haeger M., Kliegl R., Roecker K., Granacher U.: Postural control in dual-task situations: does whole-body fatigue matter? *PLoS ONE*. 2016; 11(1): e0147392. doi: 10.1371/journal.pone.0147392
- **Beurskens R.**, Steinberg F., Wolff W., Antoniewicz F., Granacher U.: Neural correlates of dual-task walking: effects of cognitive versus motor interference in young adults. *Neural Plasticity*. Volume 2016 (2016), Article ID 8032180
- **Beurskens R.**, Gollhofer A., Muehlbauer T., Cardinale M., Granacher U.: Effects of heavy-resistance strength and balance training on unilateral and bilateral leg strength performance in old adults. *PLoS One*. 2015;10(2):e0118535. doi: 10.1371/journal.pone.0118535
- **Beurskens R.:** Sporttherapie bei Schlaganfallpatienten - Welchen Einfluss hat ein zusätzliches kognitives Training auf die motorische Leistungsfähigkeit? *AV Akademikerverlag: Saarbrücken, ISBN: 978-3-639-47706-1*
- **Hartmann-Eisele S.:** Wenn Diabetes auf die Blase geht. Dranginkontinenz und Harnretention. *Heilberufe / Das Pflegemagazin* 2015;67, S.10-13
- **Hauer K.:** Mobility assistance devices: Clinical motivation and perspectives. *IROS'2015 Full day Workshop; Cognitive Mobility Assistance Robots: Scientific Advances and Perspectives. IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS'2015), Hamburg, September 2015.*

- **Jansen C.-P.**, Claßen K., Wahl H.-W., **Hauer K.**: Effects of Interventions on Physical Activity in Nursing Home Residents. *European Journal of Ageing*, 12 (3), 261-271. doi: 10.1007/s10433-015-0344-1
- Diegelmann M., Wahl H.-W., Schilling O. K., **Jansen C.-P.**, Claßen K., **Hauer K.**: A New Look at Nursing Home Residents' Depressive Symptoms: The Role of Basic versus Expanded Everyday Competence. - submitted
- Denking M. D., Lukas A., Nikolaus T., **Hauer K.**: Factors Associated with Fear of Falling and Associated Activity Restriction in Community-Dwelling Older Adults: A Systematic Review. *Am J Geriatr Psychiatry*. 2015 Jan;23(1):72-86
- Schwenk M., **Hauer K.**, **Zieschang T.**, Englert S., Mohler J., Najafi B.: Sensor-derived physical activity parameters can predict future falls in people with dementia. *Gerontology* - accepted
- Schwenk M., **Zieschang T.**, Englert S., Grewal G., Najafi B., **Hauer K.**: Improvements in Gait Characteristics after Intensive Resistance and Functional Training in People with Dementia: A Randomised Controlled Trial. *BMC Geriatrics*.2014, 14:73 DOI: 10.1186/1471-2318-14-73.
- Geravand M., Korondi P., **Werner C.**, **Hauer K.**, Peer A.: Sit-to-Stand Transfer Modeling Towards Intuitive and Biologically-Inspired Robot Assistance - submitted
- **Wiloth S.**, **Lemke N.**, **Werner C.**, **Hauer K.**: Validation of computerized assessment in people with dementia - submitted
- Saum K.-U., Schöttker B., Meid A., Holleczeck B., Haefeli W. E., **Hauer K.**, Brenner H.: Is polypharmacy associated with frailty in older people? Results from the ESTHER cohort study - submitted
- **Lemke N.**, **Gogulla S.**, **Werner C.**, **Hauer K.**: Validity, test-retest reliability, sensitivity to change and feasibility of motor-cognitive dual task assessments in patients with dementia - submitted
- **Werner C.**, **Ullrich P.**, Geravand M., Peer A., **Hauer K.**: Evaluation Studies of Robotic Rollators by the User Perspective: A Systematic Review - in Review

- **Zieschang T.**, Schwenk M., Becker C., Uhlmann L., **Oster P.**, **Hauer K.**: Increasing physical activity through intensive exercise training in people with dementia - impact on falls during and after the intervention: randomised controlled trial - submitted
- **Jansen C.-P.**, Classen K., **Hauer K.**, Diegelmann M., Wahl H.-W.: Assessing the Effect of a Physical Activity Intervention in a Nursing Home Ecology: A Natural Lab Approach. *BMC Geriatrics* - in press
- Geravand M., **Werner C.**, **Hauer K.**, Peer A.: An Integrated Decision Making Approach for Adaptive Shared Control of Mobility Assistive Robots. *International Journal of Social Robotics* - under review
- Geravand M., **Ullrich P.**, **Hauer K.**, Peer A.: "A Survey on Rollator-Type Mobility Assistance Robots" *IEEE Transactions on Systems, Man, and Cybernetics – Part A: Systems and humans* - submitted
- **Lacroix A.**, Kressig R. W., Muehlbauer T., Gschwind Y. J., Pfenninger B., Bruegger O., Granacher U.: Effects of a Supervised versus an Unsupervised Combined Balance and Strength Training Program on Balance and Muscle Power in Healthy Older Adults: A Randomized Controlled Trial. *Gerontology*, 62(3), 275-288. doi: 10.1159/000442087
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- Luck-Sikorski C., Lupp M., Hesel K., Bleckwenn M., Posselt T., Ernst A., **Werle J.**, Weeg D., Mösch E., Wiese B., Steinmann S., Fuchs A., Pentzek M., König H.H., Brettschneider C., Scherer M., Maier W., Weyerer S., Riedel-Heller S.G.: Mild Depressive Symptoms Predict Mortality from Heart Failure in Elderly Men but Not Women. *J Am Geriatr Soc.* 2015 Nov;63(11):2408-10. doi: 10.1111/jgs.13802

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- Hajek A., Lehnert T., Ernst A., Lange C., Wiese B., Prokein J., Weyerer S., **Werle J.**, Pentzek M., Fuchs A., Luck T., Bickel H., Mösöh E., Hesper K., Wagner M., Maier W., Scherer M., Riedel-Heller S.G., König H.H., AgeCoDe Study Group: Prevalence and determinants of overweight and obesity in old age in Germany. *BMC Geriatr.* 2015 15:83
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- Hajek A., Brettschneider C., Lange C., Posselt T., Wiese B., Steinmann S., Weyerer S., **Werle J.**, Pentzek M., Fuchs A., Stein J., Luck T., Bickel H., Mösch E., Wagner M., Jessen F., Maier W., Scherer M., Riedel-Heller S.G., König H.H.; AgeCoDe Study Group: Longitudinal Predictors of Institutionalization in Old Age. *PLoS One.* 2015 Dec *14;10(12):e0144203. doi: 10.1371/journal.pone.0144203. eCollection 2015. PubMed PMID: 26658776*
- **Zieschang T.**, Wolf M., Vellappallil T., **Oster P.**, **Kopf D.**: Hyponatriämie, Delirrisiko und Mortalität: eine kontrollierte, prospektive Langzeitstudie an geriatrischen Patienten (Hyponatremia, delirium and mortality: a controlled, prospective follow-up study in geriatric in-patients) - submitted

Abstrakt Publikationen

- **Hauer K., Dutzi I.,** Schwenk M., Zijlstra R.: Mismatch of Objective Fall Risk and Subjective Concerns about Falling in Patients with Dementia. *Irish Ageing Studies Review / Volume 6 / Issue 1 / 2015*
- **Hauer K., Dutzi I.,** Schwenk M.: Effectiveness of an Enhanced, Dementia-adjusted Training Program in Patients with Dementia: Translational Model of Geriatric Rehabilitation. *Irish Ageing Studies Review / Volume 6 / Issue 1 / 2015*
- **Hauer K.,** Schwenk M., **Zieschang T.,** Oster P.: Improving the Phenotype: Effects of Physical Training on Frailty Status - A Randomized Controlled Trial. *Irish Ageing Studies Review / Volume 6 / Issue 1 / 2015*
- **Hauer K. & Wahl H.-W.:** Physical Activity in the Nursing Home Setting: Still a Terra Incognita? *The Gerontologist (2015) 55 (Suppl 2): 558. doi: 10.1093/geront/gnv273.01*
- Diegelmann M., Wahl H.-W., **Jansen C.-P.,** Classen K., Schilling O. K., **Hauer K.:** Depressive Symptome und Aktivität bei Pflegeheimbewohnern. *Abstractband Gemeinsame Jahrestagung der Sektion III: Sozial- und verhaltenswissenschaftliche Gerontologie und der Sektion IV: Soziale Gerontologie und Altenarbeit der Deutschen Gesellschaft für Gerontologie und Geriatrie (DGGG) Mannheim 2015*
- **Jansen C.-P.,** Diegelmann M., Classen K., Wahl H.-W., **Hauer K.:** Technical Assessment of Life-Space in Nursing Home Residents. *The Gerontologist (2015) 55 (Suppl 2): 558. doi: 10.1093/geront/gnv273.01*
- **Jansen C.-P.,** Claßen K., Diegelmann M., **Hauer K.,** Wahl H.-W.: Guidebook Describing the Intervention Components Project Long-Term Care in Motion (LTCMo), *INNOVAGE Project ; Version 2.0, Dezember 2015*
<http://www.innovage.group.shef.ac.uk/wp5.html>
- **Zieschang T.:** Bewegung, motorisches Training und geriatrische Rehabilitation bei Menschen mit Demenz. *Zeitschrift für Gerontologie + Geriatrie; Band 48 Supplement 1, September 2015*