

Evidenz von Schwindeltherapie

Benigner Paroxysmaler Lagerungsschwindel BPLS

- Helminski, J. O., Zee, D. S., Janssen, I., & Hain, T. C. (2010). Effectiveness of particle repositioning maneuvers in the treatment of benign paroxysmal positional vertigo: a systematic review. *Physical therapy*, 90(5), 663-678.
- Hilton, M. P., & Pinder, D. K. (2014). The Epley (canalith repositioning) manoeuvre for benign paroxysmal positional vertigo. *The Cochrane Library*.
- Ribeiro, K. F., Oliveira, B. S., Freitas, R. V., Ferreira, L. M., Deshpande, N., & Guerra, R. O. (2017). Effectiveness of Otolith Repositioning Maneuvers and Vestibular Rehabilitation exercises in elderly people with Benign Paroxysmal Positional Vertigo: a systematic review. *Brazilian journal of otorhinolaryngology*.
- Teixeira, L. J., & Machado, J. N. P. (2006). Maneuvers for the treatment of benign positional paroxysmal vertigo: a systematic review. *Revista Brasileira de Otorrinolaringologia*, 72(1), 130-139.

Vestibuläre Rehabilitation

- Arnold, S. A., Stewart, A. M., Moor, H. M., Karl, R. C., & Reneker, J. C. (2017). The Effectiveness of Vestibular Rehabilitation Interventions in Treating Unilateral Peripheral Vestibular Disorders: A Systematic Review. *Physiother Res Int*, 22(3). doi:10.1002/pri.1635
- Hansson, E. E. (2007). Vestibular rehabilitation—For whom and how? A systematic review. *Advances in Physiotherapy*, 9(3), 106-116.
- McDonnell, M. N., & Hillier, S. L. (2015). Vestibular rehabilitation for unilateral peripheral vestibular dysfunction. *Cochrane Database Syst Rev*, 1, CD005397.
- Murray, D. A., Meldrum, D., & Lennon, O. (2017). Can vestibular rehabilitation exercises help patients with concussion? A systematic review of efficacy, prescription and progression patterns. *Br J Sports Med*, 51(5), 442-451. doi:10.1136/bjsports-2016-096081
- Porciuncula, F., Johnson, C. C., & Glickman, L. B. (2012). The effect of vestibular rehabilitation on adults with bilateral vestibular hypofunction: a systematic review. *Journal of Vestibular Research*, 22(5, 6), 283-298.
- Ricci, N. A., Aratani, M. C., Doná, F., Macedo, C., Caovilla, H. H., & Ganança, F. F. (2010). A systematic review about the effects of the vestibular rehabilitation in middle-age and older adults. *Brazilian Journal of Physical Therapy*, 14(5), 361-371.

Gleichgewicht

- Barclay-Goddard R, Stevenson T, Poluha W, Moffatt ME, Taback SP. Force platform feedback for standing balance training after stroke. *Cochrane Database Syst Rev*. 2004(4):CD004129
- Howe TE, Rochester L, Neil F, Skelton DA, Ballinger C. Exercise for improving balance in older people. *Cochrane Database Syst Rev*. 2011(11):CD004963.
- Kendrick D, Kumar A, Carpenter H, Zijlstra GA, Skelton DA, Cook JR, et al. Exercise for reducing fear of falling in older people living in the community. *Cochrane Database Syst Rev*. 2014;11:CD009848
- Laufer Y, Dar G, Kodesh E. Does a Wii-based exercise program enhance balance control of independently functioning older adults? A systematic review. *Clin Interv Aging*. 2014;9:1803-13.
- Mansfield A, Wong JS, Bryce J, Knorr S, Patterson KK. Does perturbation-based balance training prevent falls? Systematic review and meta-analysis of preliminary randomized controlled trials. *Phys Ther*. 2015;95(5):700-9
- Mat S, Tan MP, Kamaruzzaman SB, Ng CT. Physical therapies for improving balance and reducing falls risk in osteoarthritis of the knee: a systematic review. *Age Ageing*. 2015;44(1):16-24
- Sharififar S, Coronado RA, Romero S, Azari H, Thigpen M. The effects of whole body vibration on mobility and balance in Parkinson disease: a systematic review. *Iran J Med Sci*. 2014;39(4):318-26.
- Streckmann F, Zopf EM, Lehmann HC, May K, Rizza J, Zimmer P, et al. Exercise intervention studies in patients with peripheral neuropathy: a systematic review. *Sports Med*. 2014;44(9):1289-304.

Okulomotorische Dysfunktionen

- Loader, B., Gruther, W., Mueller, C. A., Neuwirth, G., Thurner, S., Ehrenberger, K., & Mittermaier, C. (2007). Improved postural control after computerized optokinetic therapy based on stochastic visual stimulation in patients with vestibular dysfunction. *J Vestib Res*, 17(2-3), 131-136.
- Pavlou, M., Bronstein, A. M., & Davies, R. A. (2013). Randomized trial of supervised versus unsupervised optokinetic exercise in persons with peripheral vestibular disorders. *Neurorehabil Neural Repair*, 27(3), 208-218.
- Ressiot, E., Dolz, M., Bonne, L., & Marianowski, R. (2013). Prospective study on the efficacy of optokinetic training in the treatment of seasickness. *Eur Ann Otorhinolaryngol Head Neck Dis*, 130(5), 263-268.
- Rossi-Izquierdo, M., Santos-Perez, S., & Soto-Varela, A. (2011). What is the most effective vestibular rehabilitation technique in patients with unilateral peripheral vestibular disorders? *Eur Arch Otorhinolaryngol*, 268(11), 1569-1574

Somatosensorik

- Aranda, C., Meza, A., Rodriguez, R., Mantilla, M. T., & Jauregui-Renaud, K. (2009). Diabetic polyneuropathy may increase the handicap related to vestibular disease. *Arch Med Res*, 40(3), 180-185.
- Goble, D. J., Coxon, J. P., Van Impe, A., Geurts, M., Doumas, M., Wenderoth, N., & Swinnen, S. P. (2011). Brain activity during ankle proprioceptive stimulation predicts balance performance in young and older adults. *J Neurosci*, 31(45), 16344-16352.
- Gauchard, G. C., Gangloff, P., Jeandel, C., & Perrin, P. P. (2003). Influence of regular proprioceptive and bioenergetic physical activities on balance control in elderly women. *J Gerontol A Biol Sci Med Sci*, 58(9), M846-850.
- Jauregui-Renaud, K., Villanueva Padron, L. A., & Cruz Gomez, N. S. (2007). The effect of vestibular rehabilitation supplemented by training of the breathing rhythm or proprioception exercises, in patients with chronic peripheral vestibular disease. *J Vestib Res*, 17(1), 63-72.
- Magnusson, M., Johansson, K., & Johansson, B. B. (1994). Sensory stimulation promotes normalization of postural control after stroke. *Stroke*, 25(6), 1176-1180.
- Rogan, S., Hilfiker, R., Herren, K., Radlinger, L., & de Bruin, E. D. (2011). Effects of whole-body vibration on postural control in elderly: a systematic review and meta-analysis. *BMC Geriatr*, 11, 72. doi:10.1186/1471-2318-11-72

Zervikogener Schwindel

- Lystad, R. P., Bell, G., Bonnevie-Svendsen, M., & Carter, C. V. (2011). Manual therapy with and without vestibular rehabilitation for cervicogenic dizziness: a systematic review. *Chiropractic & manual therapies*, 19(1), 21.
- Reid, S. A., & Rivett, D. A. (2005). Manual therapy treatment of cervicogenic dizziness: a systematic review. *Manual therapy*, 10(1), 4-13.
- von Piekartz-Doppelhofer, D., von Piekartz, H., & Hengeveld, E. (2012). Okuläre Dysfunktionen bei WAD: Behandlungsmöglichkeiten und Effekte neuromuskuloskelettaler Therapie. *Manuelle Therapie*, 16, 42-51.

Emotionale Beteiligung

- Kendrick D, Kumar A, Carpenter H, Zijlstra GA, Skelton DA, Cook JR, et al. Exercise for reducing fear of falling in older people living in the community. *Cochrane Database Syst Rev*. 2014;11:CD009848