

DAFTAR PUSTAKA

- Adkins, De Anna L., Jeffery Boychuk, Michael S. Remple, and Jeffrey A. Kleim. 2006. "Motor Training Induces Experience-Specific Patterns of Plasticity across Motor Cortex and Spinal Cord." *Journal of Applied Physiology* 101(6):1776–82.
- Cobb, Stephen C., David M. Bazett-Jones, Mukta N. Joshi, Jennifer E. Earl-Boehm, and C. Roger James. 2014. "The Relationship among Foot Posture, Core and Lower Extremity Muscle Function, and Postural Stability." *Journal of Athletic Training* 49(2):173–80.
- Deliagina, Tatiana G., Grigori N. Orlovsky, Pavel V. Zelenin, and Irina N. Beloozerova. 2006. "Neural Bases of Postural Control." *PHYSIOLOGY* 21: 216–225, 2006; 10.1152/physiol.00001.2006
- Donaldson, Catherine, Raymond C. Tallis, and Valerie M. Pomeroy. 2009. "A Treatment Schedule of Conventional Physical Therapy Provided to Enhance Upper Limb Sensorimotor Recovery after Stroke: Expert Criterion Validity and Intra-Rater Reliability." *Physiotherapy* 95(2):110–19.
- Duncan, P. W., S. Studenski, J. Chandler, and B. Prescott. 1992. "Functional Reach: Predictive Validity in a Sample of Elderly Male Veterans." *Journals of Gerontology* 47(3):93–98.
- Duncan, P. W., D. K. Weiner, J. Chandler, and S. Studenski. 1990. "Functional Reach: A New Clinical Measure of Balance." *Journals of Gerontology* 45(6):1–2.
- Forghany, Saeed, Christopher J. Nester, Sarah F. Tyson, Stephen Preece, and Richard K. Jones. 2014. "The Effect of Stroke on Foot Kinematics and the Functional Consequences." *Gait and Posture* 39(4):1051–56.
- Fourchet, F. and B. Gojanovic. 2016. "Foot Core Strengthening: Relevance in Injury Prevention and Rehabilitation for Runners." *Schweizerische Zeitschrift Fur Sportmedizin Und Sporttraumatologie* 64(1):26–30.
- Geoffrey A Donnan, Marc Fisher, Malcolm Macleod, Stephen M. Davis. 2008. "Stroke." 16:19–24.
- Hodges, P., V. Gurfinkel, S. Brumagne, T. Smith, and P. Cordo. 2002. "Coexistence of Stability and Mobility in Postural Control: Evidence from Postural Compensation for Respiration." *Experimental Brain Research* (2002) 144: 293.
- Horak, F. B. 1987. "Clinical Measurement of Postural Control in Adults." *Physical Therapy, Volume 67, Issue 12, 1 December 1987, Pages 1881–1885,*
- Horak, Fay B. and Jane M. Macpherson. 2011. "Postural Orientation and Equilibrium." in *Comprehensive Physiology*. pp. 255-292.
- Irfan, M. and J. Susanti. 2008. "Pengaruh Penerapan Motor Relearning Programme (Mrp) Terhadap Peningkatan Keseimbangan Berdiri." *Jurnal Fisioterapi Indonusa* 8(2):109–26.

- Ivanenko, Yury and Victor S. Gurfinkel. 2018. "Human Postural Control." *Frontiers in Neuroscience* 12:171.
- Kementerian Kesehatan RI Badan Penelitian dan Pengembangan. 2018. "Hasil Utama Riset Kesehatan Dasar." *Kementerian Kesehatan Republik Indonesia* 1–100.
- Kirkwood, Michael. 2010. "Brainstem I: Surface Anatomy & Cranial Nerves." *Neuroanatomy through Clinical Cases* 494–563.
- Lee, Paul, Paul Lee Pt, and Byong-yong Hwang Pt. 2018. "Effect of Short Foot Exercise on Quiet Stance for the Patients with Stroke." *Journal of Korea Society for Neurotherapy* 22(1):15–18.
- Maratis, J., Suryadhi, N. T., & Irfan, M. (2015). Perbandingan Antara Visual Cue Training Dan Rhythmic Auditory Stimulation Dalam Meningkatkan Keseimbangan Berdiri Dan Fungsional Berjalan Pada Pasien Pascastroke. *Jurnal Fisioterapi*, 15,84-94.
- McKeon, Patrick O. and François Fourchet. 2015. "Freeing the Foot. Integrating the Foot Core System into Rehabilitation for Lower Extremity Injuries." *Clinics in Sports Medicine* 34(2):347–61.
- McKeon, Patrick O., Jay Hertel, Dennis Bramble, and Irene Davis. 2015. "The Foot Core System: A New Paradigm for Understanding Intrinsic Foot Muscle Function." *British Journal of Sports Medicine* 49(5):290.
- Michielsen, Marc, Julie Vaughan-Graham, Ann Holland, Alba Magri, and Mitsuo Suzuki. 2019. "The Bobath Concept - a Model to Illustrate Clinical Practice." *Disability and Rehabilitation* 2080-2092.
- Normann, Britt, Ellen Christin Arntzen, and Marianne Sivertsen. 2018. "Comprehensive Core Stability Intervention and Coordination of Care in Acute and Subacute Stroke Rehabilitation—a Pilot Study." *European Journal of Physiotherapy* 0(0):1–10.
- Palmieri, Riann M., Christopher D. Ingersoll, Markus B. Stone, and B. Andrew Krause. 2002. "Center-of-Pressure Parameters Used in the Assessment of Postural Control." *Journal of Sport Rehabilitation* 2002;11:51-66. © 2002 Human Kinetics Publishers, Inc.
- Patrick, John H. and Mary Ann E. Keenan. 2007. "Gait Analysis to Assist Walking after Stroke." *Lancet* 369(9558):256–57.
- Physiotherapy Rehabilitation of Osteoporotic Vertebral Fracture. 2005. "Functional Reach Test – Protocol." *32(7):416–22*.
- Pollock, A. S., B. R. Durward, P. J. Rowe, and J. P. Paul. 2000. "What Is Balance?" *Clinical Rehabilitation* 2000; 14: 402–406.
- Raine, Sue, Linzi Meadows, and Mary Lynch-Ellerington. 2009. *Bobath Concept: Theory and Clinical Practice in Neurological Rehabilitation* ISBN: 978-1-405-17041-3.

- Riddick, Ryan, Dominic J. Farris, and Luke A. Kelly. 2019. "The Foot Is More than a Spring: Human Foot Muscles Perform Work to Adapt to the Energetic Requirements of Locomotion." *Journal of the Royal Society Interface* 16(150).
- Sacco, Ralph L., Scott E. Kasner, Joseph P. Broderick, Louis R. Caplan, J. J. Connors, Antonio Culebras, Mitchell S. V. Elkind, Mary G. George, Allen D. Hamdan, Randall T. Higashida, Brian L. Hoh, L. Scott Janis, Carlos S. Kase, Dawn O. Kleindorfer, Jin Moo Lee, Michael E. Moseley, Eric D. Peterson, Tanya N. Turan, Amy L. Valderrama, and Harry V. Vinters. 2013. "An Updated Definition of Stroke for the 21st Century: A Statement for Healthcare Professionals from the American Heart Association/American Stroke Association." *Stroke* 2064-2089.
- Shumway-Cook, Anne and Marjorie H. Woollacott. 2017. *Motor Control: Translating Research into Clinical Practice: Fourth Edition* ISBN/ISSN 9781496302632.
- Sims, Neil R. and Hakan Muyderman. 2010. "Mitochondria, Oxidative Metabolism and Cell Death in Stroke." *Biochimica et Biophysica Acta - Molecular Basis of Disease* 1802(1):80–91.
- Sofwan, Rudianto. 2010. *Stroke Dan Rehabilitasi Pasca Stroke*.
- Steven R Zeiler*, 1 and John W. Krakauer¹. 2014. "The Interaction between Training and Plasticity in the Post-Stroke Brain." 27(4):1–19.
- Strzalkowski, Nicholas D. J., R. Ayesha Ali, and Leah R. Bent. 2017. "The Firing Characteristics of Foot Sole Cutaneous Mechanoreceptor Afferents in Response to Vibration Stimuli." *Journal of Neurophysiology* 118(4):1931–42.
- Strzalkowski, Nicholas D. J., Robyn L. Mildren, and Leah R. Bent. 2015. "Thresholds of Cutaneous Afferents Related to Perceptual Threshold across the Human Foot Sole." *Journal of Neurophysiology* 114(4):2144–51.
- Syre, Line and Bente Gjelsvik. 2016. *The Bobath Concept in Adult Neurology, 2nd Edition* ISBN 13: 9783131454522.
- Takakusaki, Kaoru. 2017. "Functional Neuroanatomy for Posture and Gait Control." *Journal of Movement Disorders* 10(1):1-17 pISSN 2005-940X / eISSN 2093-4939.
- Torres-Oviedo, Gelsy and Lena H. Ting. 2007. "Muscle Synergies Characterizing Human Postural Responses." *Journal of Neurophysiology* 98: 2144 –2156, 2007.
- Vaughan-Graham, Julie, Cheryl Cott, and F. Virginia Wright. 2015. "The Bobath (NDT) Concept in Adult Neurological Rehabilitation: What Is the State of the Knowledge? A Scoping Review. Part I: Conceptual Perspectives." *Disability and Rehabilitation* 2015;37(20):1793-807.
- Vaughan-Graham, Julie, Kara Patterson, Karl Zabjek, and Cheryl A. Cott. 2017. "Conceptualizing Movement by Expert Bobath Instructors in Neurological Rehabilitation." *Journal of Evaluation in Clinical Practice* 23(6):1153–63.
- Wieloch, Tadeusz and Karoly Nikolich. 2006. "Mechanisms of Neural Plasticity Following Brain

Injury.” *Current Opinion in Neurobiology* 16(3):258–64.

Zehr, E. P., Trevor S. Barss, Katie Dragert, Alain Frigon, Erin V. Vasudevan, Carlos Haridas, Sandra Hundza, Chelsea Kaupp, Taryn Klarner, Marc Klimstra, Tomoyoshi Komiyama, Pamela M. Loadman, Rinaldo A. Mezzarane, Tsuyoshi Nakajima, Gregory E. P. Pearcey, and Yao Sun. 2016. “Neuromechanical Interactions between the Limbs during Human Locomotion: An Evolutionary Perspective with Translation to Rehabilitation.” *Experimental Brain Research* 234(11):3059–81.

Zelik, Karl E., Valentina La Scaleia, Yuri P. Ivanenko, and Francesco Lacquaniti. 2015. “Coordination of Intrinsic and Extrinsic Foot Muscles during Walking.” *European Journal of Applied Physiology* 115(4):691–701.

Zheng, Qing Xiang, Li Ge, Carol Chunfeng Wang, Qi Shou Ma, Yan Tan Liao, Ping Ping Huang, Guan Dong Wang, Qiu Lin Xie, and Mikael Rask. 2019. “Robot-Assisted Therapy for Balance Function Rehabilitation after Stroke: A Systematic Review and Meta-Analysis.” *International Journal of Nursing Studies* 95:7–18.