

11 REFERENČNÍ SEZNAM

- Adams, J. M., & Perry, J. (1994). Gait Analysis: Clinical Application. In J. Rose & J. G. Gamble (Eds.), *Human Walking* (pp. 139 – 263). Baltimore: Williams & Wilkins.
- Ambler, Z. (1991). *Neurologie pro posluchače všeobecného lékařství* [Učební texty]. Praha: Univerzita Karlova.
- Bacik, B., Saulicz, E., Vaverka, F., & Szeliga-Cetnarska, M. (1999). Influence of support devices on the force-time structure in A/P axis in walking by hemiparetic patients. In V. Strojnik & A. Ušaj (Eds.), *Proceedings of the 6th Sport Kinetics Conference* (pp. 55 – 57). Ljubljana: University of Ljubljana.
- Bach – y – Rita, P. (1980) Brain plasticity as a basis for therapeutic procedures. In P. Bach – y – Rita (Ed.), *Recovery of function: theoretical considerations for brain injury rehabilitation* (pp. 225 – 263). Bern: Hans Huber Publishers.
- Bobathová, B. (1997). *Hemiplegia dospělých* (A. Guth, Trans.). Bratislava: LIEČREH GÚTH (Originál vydán 1990).
- Brand, R. A., & Crowninshield, R. D. (1981) Comment on criteria for patient evaluation. *Journal of Biomechanics*, 14, 655.
- Burdett R. G., & Borello – France, D. (1988). Gait comparison of subjects with hemiplegia walking unbraced, with ankle-foot orthosis, and with Air-Stirrup brace. In Olney, J. S. & Richards, C. (1996). Hemiparetic gait following stroke. Part I: Characteristics. *Gait & Posture*, 4, 136 – 148.
- Carlsoo, S. & Dahlhof, A. G. (1974). Kinetic analysis of gait in patients with hemiparesis and in patients with intermittent claudication. In J. S. Olney, & C. Richards, (1996). Hemiparetic gait following stroke. Part I: Characteristics. *Gait & Posture*, 4, 136 – 148.
- Craik, L. R., & Oatis, C. A. (1995). *Gait Analysis, Theory and Application*, Mosby: Year Book. ISBN – 0 – 8016 – 6964 –2.
- Dainty, D. A., & Norman, R.W. (1987). *Standardising Biomechanical Testing in Sport* Ist. Ed. Champaign: Human Kinetics Publishers.
- Davis, R. P., Ounpuu, S., Tyburski, D., & Gage, J. R. (1991). A gait analysis data collection and reduction technique. *Human Movement Science*, 10 (5), 575 – 587.
- De-Quervain, I. A., Simon, S. R., Leurgans, S., Pease, W. S., & McAllister, D. (1996). Gait pattern in the early recovery period after stroke. *American Journal of Bone and Joint Surgery*, Vol. 78 (10), 1506 – 1514 .

- Dietz, V., & Berger, W. (1984). Inter limb co-ordination of posture in patients with spastic hemiparesis. In J. S. Olney, & C. Richards, (1996). Hemiparetic gait following stroke. Part I: Characteristics. *Gait & Posture*, 4, 136 – 148.
- Gage, J. R. (1991). *Gait Analysis in Cerebral Palsy*. New York: MacKeith Press.
- Ghez, C. (1985). Introduction to the motor system. In E. R. Kandel, & J. K. Schwartz (Eds.), *Principles of Neural Science*. New York – Amstrdam – Oxford: Elsevier.
- Giuliani, C. A. (1990). Adult Hemiplegic Gait. In L. G. Smidt (Ed.), *Gait in Rehabilitation* (pp. 253 – 264). New York, NY: Churchill Livingstone.
- Gowland, C., Torresin, W., VanFullenaar, S., & Best, L. (1990). Therapeutic Exercise for Stroke Patients. In J. V. Basmajian, & S.L. Wolf (Eds.), *Therapeutic Exercise* (pp. 208 – 229). Baltimore: Wiliams & Wilkins.
- Hamil, J., & Knutzen, K. M. (1995). *Biomechanical Basis of Human Movement*. Media, PA: Williams & Wilkins.
- Hepp – Raymond, M. C. (1987). Functional organization of motor cortex and its participation in voluntary movements. *Comparative Primate Biology*, 4, 501 – 624.
- Hewer, R. L. (1994). Rehabilitation after Stroke. In L. S. Illis, (Ed.), *Neurological Rehabilitation* (pp. 157 – 167). Oxford: Blackwell Scientific.
- Hoppenfeld, S. (1976). *Physical Examination of The Spine and Extremities*. Appleton – Century – Crofts. 134 – 137.
- Hrazdira, Č. L. (1980). *Speciální neurologie*. Praha: Avicenum.
- Chao, E. Y. S., & Cahalan, T. D. (1990). Kinematics and Kinetics of Normal Gait. In L. G. Smidt (Ed.), *Gait in Rehabilitation* (pp. 45 – 63). New York, NY: Churchill Livingstone.
- Inman, V. T., Ralston, H. J., & Todd, F. (1994). Human Locomotion. In J. Rose & J. G. Gamble (Eds.), *Human Walking* (pp. 1 – 22). Baltimore: Williams & Wilkins.
- Jahnke, M. T., Hesse, S., Schreiner, C., & Mauritz, K – H. (1995). Dependences of ground reaction force parametres on habitual walking speed in hemiparetic subjects. *Gait & Posture*, Vol.3., 3 – 12.
- Janda, V. (1982). *Základy kliniky funkčních (neparetických) hybných poruch*. Brno: Ústav pro další vzdělávání středních zdravotnických pracovníků.
- Janura, M. (2001). *Videografická vyšetřovací metoda, její limity a možnosti využití*. Habilitační práce. Olomouc: Fakulta tělesné kultury, Univerzita Palackého.

- Kadaba, M. P., Ramakrishnan, H. K., & Wooten, M. E. (1990). Measurement of lower extremity kinematics during level walking. *Journal of Orthopaedic Research*, 8 (3), 383 – 392.
- Kirtley, Ch. (1999). Evolution of Bipedal Gait. [On – line] teaching – in '99. The Hong Kong Polytechnic University.
- Knutsson, E. (1981). Gait control in hemiparesis. *Scandinavian Journal of Rehabilitation medicine*, 13, 101 – 108.
- Knutsson, E., & Richards, C. (1979). Different types of distributed motor control in gait of hemiplegic patients. *Brain*, 102, 403.
- Kuan, T. S., Tsou, J. Y., & Su, F. C. (1999). Hemiplegic gait of stroke patients: the effect of using a cane. *Archives of Physical Medicine and Rehabilitation*, 80 (7), 777 – 84.
- Latash, M. L. (1998). *Neurophysiological Basis of Movement*. Pennsylvania: Human Kinetics.
- Lehmann, J. F., Condon, S. M., Price, R., & deLateur, B. J. (1987). Gait abnormalities in hemiplegia: their correction by ankle – foot orthosis. *Archive Physical Medicine Rehabilitation*, 68, 763 – 771.
- Marsden, J. P., & Montgomery, R. S. (1972) A general survey of the walking habits of individuals. *Ergonomics*, 15, 439.
- Massion, J., & Woollacott, M. H. (1996) Posture and equilibrium. In A. M. Bronstein, T. Brandt, & M. H. Woollacott (Eds.), *Clinical Disorders of Balance, Posture and Gait* (pp. 11 – 15). London: Hodder Headline.
- Morita, S., Yamamoto, H., & Furuya, K. (1995). Gait analysis of hemiplegic patients by measurement of ground reaction force. *Scandinavian Journal of Rehabilitation Medicine*, 27, 37 – 42.
- Murray, M. P. (1967). Gait as a total pattern of movement. *American Journal of Physical Medicine*, 46, 290 – 333.
- Murray, M., Mollinger, L., Gardner, G., & Sepic, S. (1984). Kinematic and EMG patterns during slow, free and fast walking. *Journal of Ortopaedics and Related Research*, 2, 272 – 291 .
- Olney, J. S., & Richards, C. L. (1996). Hemiparetic gait following stroke. Part I: Characteristics. *Gait & Posture* 4, pp. 136 – 148.
- Olsson, E. C. (1990). Methods of Studying Gait. In L. G. Smidt (Ed.), *Gait in Rehabilitation* (pp. 21 – 43). New York, NY: Churchill Livingstone.

- Olsson, E. C., & Smidt, G. L. (1990). Assistive Devices. In L. G. Smidt (Ed.), *Gait in Rehabilitation* (pp. 65 – 96). New York, NY: Churchill Livingstone.
- Perry, J. (1969). The mechanics of walking in hemiplegia. *Clinical Orthopaedics and Related Research*, 63, 23 – 31.
- Perry, J. (1988). Normal muscle control sequence during walking. Instructional Course on Gait Analysis. Toronto. In J. R. Gage, & M. White. *Gait Analysis in cerebral Palsy* (pp. 92 – 98). NY: Mac Keith Press.
- Perry, J. (1992). *Gait Analysis, Normal and Pathological Function*. New York: Medical Publishing Group.
- Richards, C. L., & Olney, J. S. (1996). Hemiparetic gait following stroke. Part II: Recovery and physical therapy. *Gait & Posture*, 4, 149 – 162.
- Rogers, M., Hedman, L. D., & Pai, Y. C. (1993) Kinetic analysis of dynamic transitions in stance support accompanying voluntary leg flexion movements in hemiparetic adults. *Archive Physical Medicine rehabilitation*, 74, 19 – 25.
- Rose, G. K. (1983) Clinical gait assessment: a personal view. *Journal of Medical Engineering and Technology*, 7, 273 – 279.
- Saleh, M., & Murdoch, G. (1985) Indefence of gait analysis. *Journal of Bone and Joint Surgery*, 67B, 237 – 241.
- Shiavi, R., Bude, H. J., & Linbird, T. (1987). Electromyographic gait assessment, part 2. Preliminary assessment of hemiparetic synergy patterns. In J. S. Olney, & C. Richards, Hemiparetic gait following stroke. Part I: Characteristics. *Gait & Posture*, 4, 136 – 148.
- Smidt, G. L. (1990). Rudiments of gait. In L. G. Smidt (Ed.), *Gait in Rehabilitation* (pp. 65 – 96). New York, NY: Churchill Livingstone.
- Spector, S. A., Simard, C. P., & Fournier, M. (1982). Architectural alterations of rat hind – limb skeletal muscles immobilized at different lengths. *Experimental Neurology*, 76, 94 – 98.
- Stromšík, P., & Novotný, P. (1999). Přesnost a objektivita 3D videografické vyšetřovací metody. In F. Zahálka (Ed.), *Sborník mezinárodní studentské vědecké konference - Pohybové aktivity jako součást životního stylu pro příští tisíciletí* (pp.119 – 123). Praha: Univerzita Karlova.
- Sutherland, D. H., Olshen, R. A., Biden, E. N., & Wyatt, M. P. (1988). *The development of Mature Walking*. London, England: Mac Keith Press.

- Tang, A., & Rymer, W. Z. (1981). Abnormal force – EMG relations in paretic limbs of hemiparetic human subjects. *Journal of Neurology and Neuro-surgical Psychiatry*, 44, 690 – 698.
- Trojan, S., Druga, R., & Pfeiffer, J. (1990). *Centrální mechanismy řízení motoriky*. Praha: Avicenum.
- Turnbull, G. I., & Wall, J. C. (1995). Long – term changes in hemiplegic gait. *Gait & Posture*, Vol. 3, 258 – 261.
- Tyson, S. F. (1999). Trunk kinematic in hemiplegic gait and effect of walking aids. *Clinical Rehabilitation*, 13 (4). 295 – 300.
- Vaughan, Ch. L. (1992). *Dynamics of Human Gait*. Champaign: Human Kinetics.
- Wagenaar, E. (1992). Hemiplegic gait: a kinematic analysis using speed as a basis. *Journal of Biomechanics*, 25, 1007 – 1015.
- Waters, R., & Yakura J. (1990). Energy Expenditure of Normal and Abnormal Ambulation. In L. G. Smidt (Ed.), *Gait in Rehabilitation* (pp. 65 – 96). New York, NY: Churchill Livingstone.
- Whittle, M. W. (1997). *Gait Analysis, an Introduction, 2nd Edition*. Oxford: Butterworth-heinemann.
- Winter, D. A. (1991). *The Biomechanics and motor Control of Human Gait: Normal, Eldery and Pathological*. 2nd addition. Waterloo: University of Waterloo Press.
- Winter, D. A. (1995). *ABC (Anatomy, Biomechanics and Control) of Balance During Standing and Walking*. Waterloo, Canada: University of Waterloo.
- Woollacott, M. H., Assiante, Ch., & Amblard, B. (1996). Development of balance and gait control. In A. M. Bronstein, T. Brandt, & M. H. Woollacott (Eds.), *Clinical Disorders of Balance, Posture and Gait* (pp. 41 – 59). London: Hodder Headline.
- Wortis, S. B., & Marks, M. (1951). Gait analysis in hemiplegia. In J. S. Olney, & C. Richards, (1996). Hemiparetic gait following stroke. Part I: Characteristics. *Gait & Posture*, 4, 136 – 148.
- Yelnik, A., Albert, T., Bonan, I., & Laffont, I. (1999). A clinical guide to assess the role of lower limb extensor overactivity in hemiplegic gait disorders. *Stroke*, 30 (3), 1522 – 1546.