

General rehabilitation literature

Disclaimer:

The IPNFA includes these PNF and PNF related texts for your reference/information and is not responsible for the content, scientific background and terminology used in these publications.

Literature list - EBP related:

1. Cohen H: How to write a case report *Am J Health-Syst Pharm* 2006; 63:1888-1892.
2. Gowing L: Evidence based practice From Concepts to Reality. In Roche A.M. and McDonald J. (Eds). Systems, settings, people: Workforce development challenges for the alcohol and other drugs field. *Adelaide: National Centre for Education and Training on Addiction (NCETA) 2001: 93-107.*
3. Green BN, Johnson CD: How to write a case report for publication. *J Chiropr Med* 2006 (5)72–82
4. Herbert R, Jamtvedt G, Mead J, Hagen KB: Outcome measures measure outcomes, not effects of intervention. *Australian journal of physiotherapy* 2005 3-4 (editorial)
5. Herbert RD, Sherrington C, Maher C, Mosely AM: Evidence-based practice – Imperfect but necessary. *Physiotherapy Theory and Practice* 2001, 17, 201-2011
6. Horn SD, Dejong G, Deutscher D. Practice-based evidence research in rehabilitation: An alternative to randomized controlled trials and traditional observational studies. *Arch Phys Med Rehabil* 2012;93:S127–37.
<https://doi.org/10.1016/j.apmr.2011.10.031>.
7. Jette DU et al: Evidence-Based Practice: Beliefs, Attitudes, Knowledge, and Behaviors of Physical Therapists. *Physical Therapy* 2003; 83: 786-805
8. Maher CG, Sherrington C, Elkins M, Herbert RD, Moseley AM: Challenges for EBP: Accessing and interpreting High-Quality evidence on therapy. *Physical Therapy* 2004 (7) 644-654
9. Rothwell PM. External validity of randomised controlled trials: “To whom do the results of this trial apply?” *Lancet* 2005; 365: 82–93
10. Steiner WA, Ryser L, Huber E, et al. Use of the ICF model as a clinical problem solving tool in physical therapy and rehabilitation medicine. *Phys Ther.* 2002;82:1098-1107
11. Straus SE, Sackett DL: Getting research findings into practice. *BMJ* 1998 (8) 339-342.
12. Veerbeek JM, Wegen van E, Peppen van R et al. What is the evidence for physical therapy post stroke? A systematic review and meta-analysis. *Plos One* 2014; 9(2): e87987, doi:10.1371/journal.pone.0087987
13. Winstein C, Stein J, Arena R et al. Guidelines for adult stroke rehabilitation and recovery. *Stroke* 2016; 47:98-169. doi: 10.1161/STR.0000000000000098

Literature list - Clinical reasoning related:

1. Atkinson HL, Nixon-Cave K. A tool for clinical reasoning and reflection using the ICF framework. *Phys Ther.* 2011; 91:416-430
2. Baker SE et al. Systematic Clinical Reasoning in Physical Therapy (SCRIPT): tool for the purposeful practice of clinical reasoning in Orthopedic Manual Physical Therapy. *Phys Ther* 2017;79:61-70

3. Cleland JA, Childs JD, Fritz JM, Whitman JM, Eberhart SL. Development of a clinical prediction rule for guiding treatment for a subgroup of patients with neck pain: use of thoracic spine manipulation, exercise and patient education. *Phys Ther.* 2007;87:9-23
4. Jones MA. Clinical reasoning in Manual Therapy 1992 *Phys Ther* 1992;72:875-84
5. Rothstein JM, Echternach JL, Riddle DL. The Hypothesis-Oriented Algorithm for Clinicians II (HOAC II): a guide for patient management. *Phys Ther.* 2003;83:455-70
6. Schmidt SG. Recognizing potential barriers to setting and achieving effective rehab goals for patients with persistent pain. *Phys. Theory and Practice* 2016 DOI: 10.1080/09593985.2016.1194664
7. Steiner WA, Ryser L, Huber E, Uebelhart D, Aeschlimann A, Stucki G. Use of the ICF Model as a Clinical Problem Solving Tool in PT and Rehab Medicine. *Phys Ther.* 2002;82:1098-1107
8. Thoomes EJ, Schmitt MS. Practical Use of the HOAC II for Clinical Decision Making and Subsequent Therapeutic Interventions in an elite athlete with low back pain *JOSPT.* 2011;41:108-117

Literature list - Neuro physiology and neuro psychology related:

1. Aman JE, Elangovan N, Yeh, IL, Konczak J. The effectiveness of Proprioceptive training for improving motor function. a systematic review. *Frontiers in human Neuroscience* 2015,8; 1-18, article 1075. doi: 10.3389/fnhum.2014.01075
2. Aryan KN, Pandian S, Verma R. Movement therapy induced neural reorganization and motor recovery in stroke: A review. *Journal of Bodywork & Movement Therapies* 2011; 15:528-537.
3. Crieckinge van T, Truijen S, Schröder J et al. The effectiveness of trunk training on trunk control, sitting and standing balance and mobility post-stroke: a systematic review and meta-analysis. *Clinical Rehabilitation* 2019;33(6):992-1002. doi.org/10.1177/0269215519830159
4. Gordon BR, McDowell CP, Lyons M, Herring MP. The Effects of Resistance Exercise Training on Anxiety: A Meta-Analysis and Meta-Regression Analysis of Randomized Controlled Trials. *SportsMed.* 2017; 1-15.
5. Guggisberg AG, Nicolo P, Cohen LG et al. Longitudinal structural and functional differences between proportional and poor motor recovery after stroke. *Neurorehabilitation and Neural Repair* 2017; 31(12):1029-1041.
6. Hara Y. Brain plasticity and rehabilitation in stroke patients. *J Nippon Med Sch.* 2015;82(1):4-13.
7. Israely S, Leisman G, Carmeli E. Neuromuscular synergies in motor control in normal and post stroke individuals. *Reviews in the Neurosciences.* 2018; 29(6):593-612.
8. Lew HL et al. Stroke and Neurodegenerative Disorders:3. Poststroke Rehabilitation. *PM&R American Academy of Physical Medicine and Rehabilitation Suppl. 1, S19-S26, March 2009 DOI: 10.1016/j.pmrj.2009.01.017*
9. Schaefer LV, Bittmann FN. Are there two forms of isometric muscle action? Results of the experimental study support a distinction between a holding and a pushing isometric muscle function. *BMC Sports Science, Medicine and Rehabilitation* 2017. 9:11 DOI 10.1186/s13102-017-0075-z
10. Tollár J, Nagy F, Tóth BE, Török K, Szita K, Csutorás B, et al. Exercise Effects on Multiple Sclerosis Quality of Life and Clinical-Motor Symptoms. vol. 52. 2020. <https://doi.org/10.1249/MSS.0000000000002228>.
11. Pekacka-Egli AM, Herrmann J, Spielmanns M, Goerg A, Schulz K, Zenker E, et al. Inhalation Therapy with Nebulized Capsaicin in a Patient with Oropharyngeal Dysphagia Post Stroke: A Clinical Case Report. *Geriatr.* 2022;7(2):1-13.

Literature list - Biomechanics related:

1. Belling Sorensen AK, Jorgensen U, Secondary impingement in the shoulder, an improved terminology in impingement *Scand J Med Sci Sports* 2000 (10) 266–278
2. Caronni A, Bolzoni F, Esposti R, Bruttini C, Cavallari P, Accuracy of pointing movements relies upon a specific tuning between anticipatory postural adjustment and prime mover activation. *Acta Physiol* 2013 (208) 111–124
3. Comerford MJ, Gibbons SGT, Kraft versus Stabilität Teil 1 und 2 *Manuelle Therapie* 2002 (5,6) 13-20.
4. Grzebellus M, Schäfer C, Irradiation aus biomechanischer Sicht. *Krankengymnastik Zeitschrift für Physiotherapeuten* 1998 (9) 1489-1494
5. Folland JP, Williams AG. The adaptations to strength training morphological and neurological contribution to increased strength. *Sports Med* 2007; 37 (2): 145-168
6. Hides JA, Richardson CA, Jull GA, Multifidus Muscle Recovery Is Not Automatic After Resolution of Acute, First-Episode Low Back Pain, *Spine* 1996 (23) 2763-2769
7. Hodges PW, Richardson CA, Inefficient muscular stabilization of the lumbar spine associated with low back pain. *Spine* 1996 (22) 2640-2650.
8. Hodges PW, Richardson CA, Feedforward contraction of transversus abdominis is not influenced by the direction of arm movement. *Exp Brain Res* 1997;114:362–370
9. Hoogenboom BJ, Voight ML, Cook G, Gill L. Using Rolling to Develop Neuromuscular Control and Coordination of the Core and Extremities of Athletes. *N Am J Sports Phys Ther.* 2009; 4(2): 70–82.
10. Ivanenko Y, Gurfinkel VS. Human postural control *Front. Neurosci.* 2018; 12:171. doi: 10.3389/fnins.2018.0017
11. Key J. “The core”: Understanding it, and retraining its dysfunction. *J Bodyw Mov Ther.* 2013;17(4):541–59. <http://dx.doi.org/10.1016/j.jbmt.2013.03.012>
12. Kibler WB, Press J, Sciascia A: The Role of Core Stability in Athletic function. *Sports Med* 2006; 36(3): 189-198.
13. Massie CL, Malcom MP, Green DP, Browning RC, Kinematic Motion Analysis and Muscle Activation patterns of Continuous reaching in Survivors of Stroke. *Journal of Motor Behavior* 2012 (44) 213-222
14. McQuade KJ, Smidt GL, Dynamic scapulohumeral Rhythm: the effects of external resistance during elevation of the arm in the scapular plane. *JOSPT* 1998 (2) 125-131
15. Mochizuki G, Ivanova TD, Garland SJ. Synchronization of Motor Units in Human Soleus Muscle During Standing Postural Tasks. *J Neurophysiol* 2005 94: 62–69
16. Mottram AL, Woledge RC, Morrissey D. Motion analysis study of a scapular orientation exercise and subjects’ ability to learn the exercise. *Manual Therapy* 14 (2009) 13-18
17. O’Sullivan PB, Twomey LT, Allison GT, Evaluation of specific stabilizing exercise in the treatment of chronic low back pain with radiologic diagnosis of spondylosis or spondylolisthesis. *Spine* 1997 (24) 2959-2967.
18. Stiene HA, Brosky T, Reinking MF, Nyland J, Mason BM, A comparison of closed kinetic chain and isokinetic joint isolation exercise in patients with patellofemoral dysfunction. *JOSPT* 1996 (3) 136- 141.
19. Shapiro MB, Prodoehl J, Corcos DM, Gottlieb GL. Muscle Activation Is Different When the Same Muscle Acts as an Agonist or an Antagonist During Voluntary Movement *Journal of Motor Behavior*, 2005 (2) 135–145

20. Tsao H, Hodges PW. Immediate changes in feedforward postural adjustments following voluntary motor training. *Exp Brain Res* 2007; 181:537–546
21. Voight ML et al. The chop and lift reconsidered integrating neuromuscular principles into orthopedic and sports rehab. *najspt*; 2008(03):151-159

Literature list - General auditory stimuli related:

1. Freedland RL, Festa C, Sealy M, McBean A, Elghazaly P, Capan A, Brozycki L, Nelson AJ, Rothman J : The effects of pulsed auditory stimulation on various gait measurements in persons with Parkinson’s Disease. *NeuroRehabilitation* 17 (2002), 81–87.
2. Suteerawattananon M, Morris GS, Etnyre BR, Jankovic J, Protas EJ: Effects of visual and auditory cues on gait in individuals with Parkinson’s disease. *Journal of the Neurological Sciences* 219 (2004), 63– 69.
3. Nascimento LR, Caetano LCG, Freitas DCMA, Morais TM, Polese JC, Teixeira-Salmela LF: Different instructions during the ten-meter walking test determined significant increases in maximum gait speed in individuals with chronic hemiparesis. *Rev Bras Fisioter.* (2011)

Literature list - General spasticity related:

1. Bohannon RW, Smith MB. Interrater reliability of a modified Ashworth Scale of muscle spasticity. *Physical Therapy* 1987; 67; 206-207
2. Bovend’Eerd T, Newman M, Barker K, Dawes H, Minelli C, Wade DT. The effects of stretching in spasticity: a systematic review. *Arch Phys Med Rehabil* 2008; 89:1395-406.
3. Burridge JH, Wood DE, Hermens HJ, Voerman GE, Johnson GR, Wijck van F, Platz T, Gregoric M, Hitschcock R, Pandyan AD. Theoretical and methodological considerations in the measurement of spasticity. *Disability and Rehabilitation* 2005; 27(1/2): 69-80
4. Gracies JM. Pathophysiology of spastic paresis. I: paresis and soft tissue changes. *Muscle&Nerve* 2005 (31), 535-551
5. Li S. Spasticity, motor recovery, and neural plasticity after stroke. *Frontiers in Neurology* 2017; 8: 1-8.
6. Lieber RL, Steinman S, Barash IA, Chambers H. Structural and functional changes in spastic skeletal muscle. *Muscle Nerve* 2004; 29; 615-627
7. Malhotra S; Pandyan AD; Rossewilliam S; Roffe C; Hermens H. Spasticity and contractures at the wrist after stroke: time course of development and their association with functional recovery of the upper limb. *Clinical Rehabilitation* 2011; 25: 184–191
8. Malhotra S, Pandyan AD, Day CR, Jones PW, Hermens H. Spasticity, an impairment that is poorly defined and poorly measured. *Clinical rehabilitation* 2009; 23: 651-658
9. Malhotra S, Cousins E, Ward A, Day C, Jones P, Roffe C, Pandyan A. An investigation into the agreement between clinical, biomechanical and neurophysiological measures of spasticity. *Clinical rehabilitation* 2008; 22; 1105-1115
10. Pandyan AD; Cameron M; Powel J; Stott DJ; Granat MH. Contractures in the post-stroke wrist: a pilot study of its time course of development and its association with upper limb recovery *Clinical Rehabilitation* 2003; 17: 88–95

11. Patrick E, Ada L. The tardieu scale differentiates contracture from spasticity whereas the Ashworth Scale is confounded by it. *Clinical rehabilitation* 2006; 20; 173-182
12. Petropoulou KB; Panourias JG; Rapidi CA; Sakas DE. The phenomenon of spasticity: a pathophysiological and clinical introduction to neuromodulation therapies. *Acta Neurochir Suppl* 2007 97(1) 137-144
13. Sheehan JL, Winzeler-Mercay U, Mudie MH. A randomized controlled pilot study to obtain the best estimate of the size of the effect of a thermoplastic resting splint on spasticity in the stroke-affected wrist and fingers. *Clinical rehabilitation* 2006;20;1032-1037.
14. Yelnik AP, Simon O, Parratte B, Gracies JM. How to clinically assess and treat muscle overactivity in spastic paresis. *J. Rehabil. Med.* 2010;42; 801-807.

Literature list - General gait articles

1. Barbeau H. Locomotor training in neurorehab emerging rehab concepts *Neurorehab and neural repair* 2003
2. Dietz V. Quadrupedal coordination of bipedal gait: implications for movement disorders. *J Neurol* 2011 258:1406–1412
3. Duncan PW et al. Body-Weight-Supported Treadmill Rehabilitation after Stroke *N Engl J Med* 2011;364:2026-36
4. Frigon A. Central Pattern Generators of the Mammalian Spinal Cord *The Neuroscientist* 18(1) 56–69
5. Ivanenko YP, Dominici N, Daprati E, Nico D, Cappellini G, Lacquanti F. Locomotor body scheme. *Human Movement Science* 2011 (30)341–351
6. Kang HK, Kim Y, Chung Y, Hwang S. Effects of treadmill training with optic flow on balance and gait in individuals following stroke: randomized controlled trials. *Clinical Rehabilitation* 2011, 26,(3), 246–255
7. Kempen JCE, Doorenbosch CAM, Knol DL, de Groot V, Beckerman H. Newly Identified Gait Patterns in Patients With Multiple Sclerosis May Be Related to Push-off Quality. *Phys Ther.* 2016; 96(11):1744-52
8. Krebs DE, Goldvasser D, Lockert JD, et al. Is base of support greater in unsteady gait? *Phys Ther.* 2002;82:138 –147
9. Lacquaniti F, Ivanenko YP, Zago M Development of human locomotion *Current Opinion in Neurobiology* 2012 (22) 822–828
10. Mac Kinnon CD et al. Preparation of anticipatory postural adjustments prior to stepping. *J Neurophysiol* 2007 (97) 4368–4379.
11. McIntosh GC, Brown SH, Rice RR, Thaut MH, Rhythmic auditory-motor facilitation of gait patterns in patients with Parkinson’s disease. *Journal of Neurology, Neurosurgery, and Psychiatry* 1997(62) 22-26
12. Meyns P, Bruijn SM, Duysens J. The how and why of arm swing during human walking. *Gait & Posture* 2013 38 (4) 555-562
13. Robert SL, James RG. The neurological control system for normal gait *Journal of Prosthetics and Orthotics* 1990 (2) 1, 01-11
14. Sadeghi H, Allard P, Duhaime M. Contributions of lower-limb muscle power in gait of people without impairments. *Phys Ther.* 2000 (80) 1188 –1196
15. Takakusaki K. Neurophysiology of Gait: From the Spinal Cord to the Frontal Lobe. *Movement Disorders*, 2013 28(11) 1483-1491
16. Vogt L, Breitmann K, Pfeifer K, Banzer W. Walking patterns of hip arthroplasty patients: some observations on the medio-lateral excursions of the trunk. *Disability and Rehabilitation* 2003 (25) 309-317

17. Woollacott MH, Tang PF. Balance Control During Walking in the Older Adult: Research and Its Implications. *Physical Therapy* 1997 (77) 646-660

Literature list - Robotics related

1. Lo AC, Guarino PD, Richards LG, et al. Robot-Assisted Therapy for Long-Term Upper-Limb Impairment after Stroke. *n engl j med* 2010, 362;19, 1772-1783
2. Morales R, Badesa FJ, Garcia-Aracil N, Sabater JM, Pérez-Vidal C. Pneumatic robotic systems for upper limb rehabilitation. *Med Biol Eng Comput*, 2011, 49:1145–1156
3. Takahashi CD, Yeghiaian LD, Le V, Motiwala RR, Cramer SC. Robot-based hand motor therapy after stroke. *Brain* 2008 (131) 425-37

Literature list scoliosis related

1. Al-Eisa E, Egan D, Deluzio K, Wassersug R, 2006: Effects of pelvic skeletal asymmetry on trunk movement. *Spine*;31(3):71-79.
2. Asher MA, Burton DC, 1999: A concept of idiopathic scoliosis deformities as imperfecta torsion(s). *Clin Orthop*; Jul; (364):11-25.
3. Burwell RG, Dangerfield PH, 1992: Pathogenesis and assessment in scoliosis. *Surgery of the Spine*; Section 5: Chapter 19: 365.
4. Burwell RG, 2003: Aetiology of idiopathic scoliosis: current concepts. *Pediatr Rehabil*;6 (3-4):137-170.
5. Charlebois M, Mac-Thiong JM, Huot MP, de Guise JA, Skalli W, Labelle H, 2002: Relation between the pelvis and sagittal profile in adolescent idiopathic scoliosis: the influence of curve type. *Stud. Health Technol Inform*; 91: 140-143.
6. Chockalingam N, Dangerfield PH, Rahmatalla A, Achmed el-N, Cochrane T, 2004: Assessment of ground reaction force during scoliotic gait. *Eur Spine J*; 13(8): 750-754.
7. Dickson RA, 1992: The scientific basis of treatment of idiopathic scoliosis. *Acta Orthop Belgica*; 58(1): 107.
8. Faro FD, Marks MC, Pawelek J, Newton PO, 2004: Evaluation of a functional position for lateral radiograph acquisition in adolescent idiopathic scoliosis. *Spine*; Oct 15, 29(20): 2284-2289.
9. Giakas G, Baltzopoulos V, Dangerfield PH, Dorgan JC, Dalmira S, 1996: Comparison of gait patterns between healthy and scoliotic patients using time and frequency domain analysis of ground reaction forces. *Spine*, 21(19):2235-2242.
10. Graham EJ, Lenke LG, Lowe TG, Betz RR, Bridwell KW, Kong Y, Blanke K, 2000: Prospective pulmonary function evaluation following open thoracotomy for anterior spinal fusion in adolescent idiopathic scoliosis. *Spine*: Sep 15; 25(18): 2319-2325.
11. Greiner KA, 2002: Adolescent idiopathic scoliosis: Radiologic decision making. *American Family Physican*; May 1:1817-1822.
12. Gram MC, Hasan ., 1999: The spinal curve in standing and sitting postures in children with idiopathic scoliosis. *Spine*; Jan 15; 24(2): 200-201.
13. Grivas TB, Dangas S, Samelis P, Mazioutou C, 2002: Lateral spinal profile in school-screening referrals with or without late onset idiopathic scoliosis 10 degrees-20 degrees. *Stud Health Technol Inform*; 91:25-31.
14. Grivas TB, Vasiliadis ES., Koufopoulos G, Segos D, Triantafyllopoulos G, Mouzakis V, 2006: Study of trunk asymmetry in normal children and adolescent. *Scoliosis* 1:19.
15. Harrison DE, Harrison DD, Troyanovich SJ, 1998a.: Three-dimensional spinal coupling mechanics: Part I. A review of the literature. *J Manipulative Physiol Ther*; Feb; 21(2):101-13.

16. Harrison DE, Harrison DD, Troyanovich SJ, 1998b: Three-dimensional spinal coupling mechanics: Part II. Implications for chiropractic theories and practice. *J Manipulative Physiol Ther*; Mar-Apr; 21(3):177-186. .
17. Harrison DE, Cailliet R, Harrison DD, Janik TJ, Troyanovich SJ, Coleman RR, 1999.: Lumbar coupling during lateral translations of the thoracic cage relative to a fixed pelvis. *Clin Biomech (Bristol, Avon)*; Dec; 14(10):704-709.
18. Hides JA, Stokes MJ, Saide M, Jull GA, Cooper DH, 1994: Evidence of lumbar multifidius muscles wasting ipsilateral to symptoms in patients with acute/subacute low back pain. *Spine*; 19(2):165-177.
19. Hodges PW, Richardson CA, 1996: Inefficient muscular stabilization of the lumbar spine associated with low back pain. A motor control evaluation of transversus abdominis. *Spine*; 21(22): 2640-2650.
20. Hodges PW, Richardson CA, 1997: Contraction of the abdominal muscles associated with movement of the lower limb. *Physical Therapy*; 77:132-144.
21. Hopf C, Scheidecker M, Steffan K, Bodem F, Eysel P, 1998: Gait analysis in idiopathic scoliosis before and after surgery: a comparison of the pre- and postoperative muscle activation pattern. *Eur Spine J*; 7(1):6-11
22. Karski T, 2006: Recent observations in the biomechanical etiology of so-called idiopathic scoliosis. New classification of spinal deformity-I-st, II-nd and III-rd etiopathological groups. *Stud Health Technol Inform*; 123: 473-482.
23. Kotwicki T, 2002: Sagittal and transversal plane deformity in thoracic scoliosis. *Stud Health Technol Inform*; 91:251-256.
24. Kotwicki T, 2007: Badanie zakresu ruchu w stawach biodrowych – modyfikacja badania i wyniki pacjentów ze skoliozą. *Ann Acad Med Siles*; 61,1.
25. Kramers-de Quervain IA, Müller R, Stacoff A, Grob D, Stüsi E, 2004: Gait analysis in patient with idiopathic scoliosis. *Eur Spine J*; Aug; 13(5): 449-456.
26. Lenke LG, Betz RR, Harms J, Bridwell KH, Clements DH, Lowe TG, Blanke K, 2001: Adolescent idiopathic scoliosis: a new classification to determine extent of spinal arthrodesis. *J Bone Joint Surg Am.*; 83A:1169-1181.
27. Lenke LG, Betz RR, Clements D, Merola A, Hafer T, Lowe T, Newton P, Bridwell KH, Blanke K, 2002: Curve prevalence of a new classification of operative adolescent idiopathic scoliosis: how it organizes curve patterns as a template to perform selective fusions of the spine. *Spine*; 27: 604-611.
28. Lim HH, Ong CH, 2001: Dynamic measurements of axial vertebral rotation and rotational flexibility in scoliosis by fluoroscopic method. *Med J Malaysia*; Jun; 56 Suppl C: 41-45.
29. Mac-Thiong JM, Berthonnaud E, Dimar JR, Betz RR, Labelle H, 2004: Sagittal alignment of the spine and pelvis during growth. *Spine*; Aug 1; 29(15): 1642-1647.
30. Mallau S, Bollini G, Jouve JL, Assaiante C, 2007: Locomotor skills and balance strategies in adolescent idiopathic scoliosis. *Spine*; 32(1):14-22.
31. Nault ML, Allard P, Hinse S, Le Blanc R, Car O, Sadeghi H, 2002: Relations between standing stability and body posture parameters in scoliosis. *Spine*; 27(17); 1911-1917.
32. Panjabi M, Yamamoto I, Oxland T, Cisco J, 1989: How does posture affect coupling in the lumbar spine. *Spine*; Sep; 14(9): 1002-1011.
33. Stępień A, 2007: Wpływ deformacji kręgosłupa na sposób obciążania stop w czasie chodu u osób ze skoliozą idiopatyczną. *Postępy rehabilitacji*; 21(2);13-20.
34. Stępień A, 2008: Zakresy rotacji tułowia i miednicy u dziewcząt ze skoliozą idiopatyczną. *Rozprawa doktorska. Akademia Wychowania Fizycznego, Warszawa*

35. Stokes IAF, 1988: Axial rotation component of thoracic scoliosis. *J Orthop Res*; 7: 702-708.
36. Stokes IAF, 1994: Three-dimensional terminology of spinal deformity: A raport presented to the Scoliosis Research Society Working Group on 3-D terminology of spinal deformity. *Spine*; 19: 236-248.
37. Syczewska M, Łukaszewska A, Górak B, Graff K, 2006: Zmiany stereotypu chodu u pacjentów z bocznym skrzywieniem kręgosłupa. *Rehabilitacja Medyczna*; 10(4): 12-21
38. Yazici M, Acaroglu ER, Alanay A, Deviren V, Cila A, Surat A, 2001: Measurement of vertebral rotation in standing versus supine position in adolescent idiopathic scoliosis. *J Pediatr Orthop*; Mar-Apr; 21(2): 252-256
39. Vedentam R, Lenke LG, Bridwell KH, Linville DL, Blanke K, 2000: The effect of variation in arm position on sagittal spinal alignment. *Spine*; Sep 1; 25(17): 2204-2209
40. Zabijek KF, Leroux MA, Coillard C, Rivard CH, Prince F, 2005: Evaluation of segmental postural characteristics during quiet standing in control and idiopathic scoliosis patients. *Clin Biomach (Bristol Avon)*, 20 (5): 483-490