

REFERENCES

1. World Health Organization: Recommendation on stroke prevention, diagnosis and therapy: Report of the WHO task force on stroke and other cerebrovascular disorders, *Stroke* 1989; 20: 1407-1431
2. Susan B O'Sullivan, Thomas J Schmitz: Physical Rehabilitation, 5th edit; Chapter 18- Stroke. pp 705-776. Jaypee Publication.
3. Cleusa P Ferri et al. Prevalence of stroke and related burden among older people living in Latin America, India and China. *JNNP* 2011.
4. Li Schonberg BS, Wang C et al. Cerebrovascular disease in the people's republic of China. Epidemiology and clinical features. *Neurology* 1985; 35: 1708-13.
5. WHO World health statistical manual, 1993, Geneva, Switzerland: WHO, 1994.
6. Wu YK: Epidemiology and community control of hypertension, stroke and coronary heart disease in China. *Chin Med J (English)* 1979; 92: 665-70.
7. Wu Z Yao C, Zhao D, et al. Sin-MONICA Project: A collaborative study on trends and determinants in cerebrovascular accidents in China, Part 1: Morbidity and Mortality monitoring circulation 2001; 103: 462-468
8. Peter Appelros, Birgitta Stegmayr, Andreas Tere'nt. Sex difference in Stroke epidemiology: A Systemic Review. *Stroke* 2009; 40: 1082-1090
9. James Cauraugh, Kathye Light, Sangbum Kim, Mary Thigpen, Andrea Behrman. Recovering wrist and finger extension by electromyography-triggered neuromuscular stimulation. *Stroke*. 2000; 31: 1360-1364.
10. Nakayama H, Jorgensen HS, Raaschou HO, Olsen TS. Compensation in recovery of upper extremity function after stroke: the Copenhagen Stroke Study. *Arch Phys Med Rehabil*. 1994; 75 (8): 852-857.
11. Broeks JG, Lankhorst GJ, Rumping K, Prevo AJ. The longterm outcome of arm function after stroke: results of a followup study. *Disabil Rehabil*. 1999; 21: 357-364.
12. Duncan PW, Goldstein LB, Horner RD, Landsman PB, Samsa GP, Matchar DB. Similar motor recovery of upper and lower extremities after stroke. *Stroke*. 1994; 25: 1181-1188.
13. Wade DT. Measuring arm impairment and disability after stroke. *Int Disabil Stud*. 1989; 11: 89-92.
14. Terri Sterlish. Electrical Stimulation as a Sensorimotor Intervention to Facilitate Recovery of Upper Extremity. Dissertation submitted to Texas Women University 2009.
15. Trombly C.A. and Hui-ing M., A synthesis of the effects of occupational therapy for persons with stroke, Part I: Restoration of roles tasks, and activities. *The American Journal of Occupational Therapy*, 2002; 56(3): 250-259.
16. Hui-ing M. and Trombly C.A, A synthesis of the effects of occupational therapy for persons with stroke, Part II: Remediation of impairments, *The American Journal of Occupational Therapy* 2002; 56(3): 250-259.
17. *Physical Rehabilitation, Assessment and treatment*. 4th edition, Susan B O' Sullivan and Thomas J Schmitz: pp 545-562.
18. Standring: Gray's Anatomy 39e – Chapter 17: Vascular Supply of the Brain. pp 295-305. www.graysanatomyonline.com; Elsevier Ltd 2005.
19. Susan B O'Sullivan, Thomas J Schmitz: Physical Rehabilitation, 5th edit; Chapter 18- Stroke. pp 705-776. Jaypee Publication.
20. Sara Cuccurullo: Physical Medicine And Rehabilitation Board Review, Chapter 1- Stroke. pp. 1-46. Demos Medical Publishing.
21. Wade S. Smith, S. Claiborne Johnston, Donald Easton: Harrison's Principles of Internal Medicine - 16th edition: Vol-2, pp.2372-2393.
22. Jeanette Mitchell. A Measurement of Hand Function in the Normal Child and Cerebral Palsied Child. *Aust. J Physiother*, XXII, 4, 1976.
23. Anne Shumway Cook, Marjorien Woollacott: Motor Control-Translating Research into Clinical Practice; 4th edit; Chapter 16, 17. Wolter Kluwer and Williams and Wilkins.
24. www.medterms.com/script/main/art.asp?articlekey=40362
25. Charles, J. and Gordon, A.M. (2005). "A critical review of constraint-induced movement therapy and forced use in children with hemiplegia". *Neural Plasticity* 12: 245-61.
26. Taub E, Miller NE, Novack TA, et al. Technique to improve chronic motor deficit after stroke. *Arch Phys Med Rehabil* 1993;74:347–54.
27. Kunkel A, Kopp B, Muller G, et al. Constraint-induced movement therapy for motor recovery in chronic stroke patients. *Arch Phys Med Rehabil* 1999;80:624–8.
28. Miltner WHR, Bauder H, Sommer M, Dettmers C, Taub E. Effects of constraint-induced movement therapy on patients with chronic motor deficits after stroke: a replication. *Stroke* 1999; 30:586–92.
29. Taub, E.; Morris, D.M. (2001). "Constraint-induced movement therapy to enhance the recovery after stroke". *Current Atherosclerosis Reports* 3(4):279-86.

30. Duncan PW. Synthesis of intervention trials to improve motor recovery following stroke. *Top Stroke Rehabil.* 1997; 3:1–20.
31. Taub E. Somatosensory deafferentation research with monkeys: implications for rehabilitation medicine. In: Ince LP, ed. *Behavioral Psychology in Rehabilitation Medicine: Clinical Applications*. New York, NY: Williams and Wilkins; 1980:371– 401.
32. Taub E. Movement in nonhuman primates deprived of somatosensory feedback. *Exerc Sport Sci Rev.* 1977; 4:335–374.
33. Taub E, Crago JE, Uswatte G. Constraint-induced movement therapy: a new approach to treatment in physical rehabilitation. *Rehabil Psychol.* 1998;43:152–170.
34. Andrews K, Stewart J. Stroke recovery: he can but does he? *Rheumatol Rehabil.* 1979; 18:43– 48.
35. Taub E, Pidikiti RD, DeLuca SC, Crago JE. Effects of motor restriction of an unimpaired upper extremity and training on improving functional tasks and altering brain behaviors. In: Toole JF, Good DC, eds. *Imaging in Neurologic Rehabilitation*. New York, NY: Demos Vermande; 1996: 133–154.
36. Taub E, Crago JE, Uswatte G. Constraint-induced movement therapy: a new approach to treatment in physical rehabilitation. *Rehabil Psychol.* 1998;43:152–170.
37. Liepert J, Miltner W, Bauder H, Sommer M, Dettmers C, Taub E, Weiller C. Motor cortex plasticity during constraint-induced movement therapy in stroke patients. *Neurosci Lett.* 1998; 250:5–8.
38. Stroke Mirror Therapy/ Stroke Engine Intervention: A site about stroke rehabilitation; strokengine.ca/intervention/index.php
39. Yavuzer G, Selles R, et al. Mirror therapy improves hand function in subacute stroke: a randomized controlled trial. *Arch Phys Med Rehabil* 2008; 89:393-8.
40. Ramachandran VS, Rogers-Ramachandran D. Synaesthesia in phantom limbs induced with mirrors. *Proc R Soc Lond B Biol Sci.* 1996; 263:377-86.
41. Ramachandran VS, Hirstein W. The perception of phantom limbs. The D. O. Hebb lecture. *Brain* 1998; 121:1603-30.
42. McCabe CS, Haigh RC, Ring EF, Halligan PW, Wall PD, Blake DR. A controlled pilot study of the utility of mirror visual feed- back in the treatment of complex regional pain syndrome (type 1). *Rheumatology (Oxford)* 2003; 42:97-101.
43. Moseley GL. Graded motor imagery is effective for long-standing complex regional pain syndrome: a randomised controlled trial. *Pain* 2004; 108:192-8.
44. Rosen B, Lundborg G. Training with a mirror in rehabilitation of the hand. *Scand J Plast Reconstr Surg Hand Surg* 2005; 39:104-8.
45. Subeyaz, S., Yavuzer, G., Sezer, N., Koseoglu, F. (2007). Mirror Therapy Enhances Lower- Extremity Motor Recovery and Motor Functioning After Stroke: A Randomized Controlled Trial, *Archives Physical Medicine and Rehabilitation*, Volume 88.
46. Wegner, D. M. (1994). Ironic processes of mental control. *Psychological Review*, 101.
47. Rizzolatti, Giacomo; Craighero, Laila - in journal name-.Annual Review of Neuroscience ,study name-“The mirror neuron system” year 2004, Volume 1, issue 27, Pg no. 169–192.
48. Keysers, Christian – In Journal- Current Biology with study name- “Mirror Neurons” in 2005 Volume 19, issue (21): pg. no .971–973. Rizzolatti, Giacomo; Fadiga, Luciano In Journal- Mirror neuron activation in 1999. Volume 1, issue no.137:Pg. no. 85–100.
49. Platz T, Eickhof C, van Kaick S, et al. Impairment-oriented training or Bobath therapy for severe arm paresis after stroke: a single-blind, multicentre randomized controlled trial. *Clin Rehabil* 2005;19:714-24.
50. Ring H, Rosenthal N. Controlled study of neuroprosthetic functional electrical stimulation in sub-acute post-stroke rehabilitation. *J Rehabil Med* 2005; 37:32-6.
51. Masiero S, Celia A, Rosati G, Armani M. Robotic-assisted rehabilitation of the upper limb after acute stroke. *Arch Phys Med Rehabil* 2007; 88:142-9.
52. Summers JJ, Kagerer FA, Garry MI, Hiraga CY, Loftus A, Cauraugh JH. Bilateral and unilateral movement training on upper limb function in chronic stroke patients: a TMS study. *J Neurol Sci* 2007; 252:76-82.
53. Prange GB, Jannink MJ, Groothuis-Oudshoorn CG. Systematic review of the effect of robot-aided therapy on recovery of the hemiparetic arm after stroke. *J Rehabil Res Dev* 2006; 43:171-84.
54. Dohle C, Pullen J, et al. Mirror Therapy Promotes Recovery from Severe Hemiparesis: A Randomized Controlled Trial. *Neurorehabilitation and Neural Repair*. 2009
55. Baby F, Babu V, et al. Effectiveness of mirror therapy as a home program in Rehabilitation of hand function in sub-acute stroke.

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- 56. Khanal D, Singaravelan RM, and Khatri SM. Effectiveness of pelvic proprioceptive neuromuscular facilitation technique on facilitation of trunk movement in hemiparetic stroke patients. IOSR-JDMS, ISBN. 2013. Volume 3, Issue 6. P 29-37.
 - 57. Bonifer NM, Anderson KM, Arciniegas DB. Constraint-induced movement therapy after stroke: efficacy for patients with minimal upper-extremity motor ability. Arch Phys Med Rehabil 2005;86:1867-73.
 - 58. Iwamuro BT, Fischer HC, and Kamper DG. A Pilot Study to Assess Use of Passive Extension Bias to Facilitate Finger Movement for Repetitive Task Practice After Stroke. *Top Stroke Rehabil* 2011;18(4):308–315.
 - 59. Taub E. Somatosensory deafferentation research with monkeys: implications for rehabilitation medicine. In: Ince LP, editor. Behavioral psychology in rehabilitation medicine: clinical applications. New York: Williams & Wilkins; 1980. p. 371-401.
 - 60. Taub E. Movement in nonhuman primates deprived of somatosensory feedback. *Exerc Sport Sci Rev* 1976;4: 335-74.
 - 61. Wilkinson PR, Wolfe CD, Warburton FG, Rudd AG, Howard RS, Ross-Russell RW, et al. A long-term follow-up of stroke patients. *Stroke* 1997;28:507-12.
 - 62. Schaechter JD, Moore CI, Connell BD, Rosen BR, Dijkhuizen RM. Structural and functional plasticity in the somatosensory cortex of chronic stroke patients. *Brain* 2006;129(Pt 10):2722-33.
 - 63. Dancause N, Barbay S, Frost SB, Plautz EJ, Chen D, Zoubina EV, et al. Extensive cortical rewiring after brain injury. *J Neurosci* 2005; 25:10167-79.
 - 64. Levy, C.E., Nichols, D.S., Schmalbrock, P.M. American Journal of Medicine, 2001- journals.lww.com
 - 65. Dromerick A, Edwards D, et al. Does the Application of Constraint-Induced Movement Therapy During Acute Rehabilitation Reduce Arm Impairment After Ischemic Stroke? *Stroke*. 2000; 31: 2984-2988.
 - 66. Wu C., Chen C., Tsai W., Lin K. – Archives of physical medicine and rehabilitation, 2007.
 - 67. Fadiga L, Craighero L. Electrophysiology of action representation. *J Clin Neurophysiol* 2004;21:157-69.
 - 68. Garry MI, Loftus A, Summers JJ. Mirror, mirror on the wall: viewing a mirror reflection of unilateral hand movements facilitates ipsilateral M1 excitability. *Exp Brain Res* 2005; 163:118-22.
 - 69. Peurala SH, Kantanen MP, Sjogren T, Paltamaa J, Karhula M, Heinonen A. Effectiveness of constraint induced movement therapy on activity and participation after stroke: a systematic review and metaanalysis of randomized controlled trials. *Clin Rehabil* 2012; 26:209-23.
 - 70. Yoon J, Koo B, et al. Effect of Constraint-Induced Movement Therapy and Mirror Therapy for patients with subacute stroke. *Ann Rehabil Med* 2014; 38(4):458-466.
 - 71. Jang SH, Kim YH, et al. Cortical Reorganization induced by task oriented training in chronic hemiplegic stroke patients. *Neuroreport* 2003; 14(1): 137-141.
 - 72. Wu C, Huang P. Effects of Mirror Therapy on Motor and Sensory Recovery in Chronic Stroke: A Randomized Controlled Trial. *Archives of Physical Medicine and Rehabilitation* 2013.