

A Bibliography of Clinical Research on Touch Therapies and Medical Conditions.

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Contained in "Haptic Medicine," Future Health Technology Institute, 2008.

1. Aggression

Diego, M.A., Field, T., Hernandez-Reif, M., Shaw, J.A., Rothe, E.M., Castellanos, D. & Mesner, L. (2002). Aggressive adolescents benefit from massage therapy. *Adolescence*, 37, 597-607.

2. Alzheimer's

Rowe, M. & Alfred, D. (1999). The effectiveness of slow-stroke massage in diffusing agitated behaviors in individuals with Alzheimer's disease. *Journal of Gerontology and Nursing*, 25, 22-34.

3. Anorexia

Hart, S., Field, T. & Hernandez-Reif, M., Nearing, G., Shaw, S., Schanberg, S., & Kuhn, C. (2001). Anorexia nervosa symptoms are reduced by massage therapy. *Eating Disorders*, 9, 289-299.

4. Anxiety

Field, T., Morrow, C., Valdeon, C., Larson, S., Kuhn, C. & Schanberg, S. (1992). Massage reduces anxiety in child and adolescent psychiatric patients. *Journal of the American Academy of Child and Adolescent Psychiatry*, 31, 125-131.

Shulman, K.R. & Jones, G.E. (1996). The effectiveness of massage therapy intervention on reducing anxiety in the work place. *Journal of Applied Behavioral Science*, 32, 160-173.

5. Arthritis

Field, T., Hernandez-Reif, M., Seligman, S., Krasnegor, J. & Sunshine, W. (1997). Juvenile rheumatoid arthritis: Benefits from massage therapy. *Journal of Pediatric Psychology*, 22, 607-617.

6. Asthma

Field, T., Henteleff, T., Hernandez-Reif, M., Martinez, E., Mavunda, K., Kuhn, C. & Schanberg, S. (1998). Children with asthma have improved pulmonary functions after massage therapy. *Journal of Pediatrics*, 132, 854-858.

7. Attention Deficit Hyperactivity Disorder

Khilnani, S., Field, T., Hernandez-Reif, M., & Schanberg, S. (2003). Massage therapy improves mood and behavior of students with attention-deficit/hyperactivity disorder. *Adolescence*, 38, 623-38.

8. Autism

Escalona, A., Field, T., Singer-Strunk, R., Cullen, C., & Hartshorn, K. (2001). Improvements in the behavior of children with autism. *Journal of Autism and Developmental Disorders*, 31, 513-516.

9. Back Pain

Ernst, E. (1999). Massage therapy for low back pain: a systematic review. *Journal of Pain Symptom Management*, 17, 65-69.

Ginsberg, F. and Famaey, J. P. (1987). A double-blind study of topical massage with Rado-Salil ointment in mechanical low-back pain. *Journal of International Medical Research*, 15, 148-153.

Hernandez-Reif, M., Field, T., Krasnegor, J., & Theakston, H. (2001). Lower back pain is reduced and range of motion increased after massage therapy. *International Journal of Neuroscience*, 106, 131-145.

10. Behavior Problems

Escalona, A., Field, T., Cullen, C., Hartshorn, K., & Cruz, C. (2001). Behavior problem preschool children benefit from massage therapy. *Early Child Development and Care* 161, 1-5.

11. Blood Flow

Mori, H., Ohsawa, H., Tanaka, T.H., Taniwaki, E., Leisman, G. & Nishijo, K. (2004). Effect of massage on blood flow and muscle fatigue following isometric lumbar exercise. *Med Sci Monit*, 10, 173-8.

12. Blood Pressure

Kurosawa, M., Lundeberg, T., Agren, G., Lund, I., & Uvnas-Moberg, K. (1995). Massage-like stroking of the abdomen lowers blood pressure in anesthetized rats: influence of oxytocin. *Journal of the Autonomic Nervous System*, 56, 26-30

13. Breast Cancer

Hernandez-Reif, M., Field, T., Ironson, G., Beutler, J., Vera, Y., Hurley, J., Fletcher, M., Schanberg, S., Kuhn, C., & Fraser, M. (2005). Natural killer cells and lymphocytes increase in women with breast cancer following massage therapy. *International Journal of Neuroscience*, 115, 495-510

14. Cancer

Rexilius, S.J., Mundt, C., Erickson Megel, M., & Agrawal, S. (2002). Therapeutic effects of massage therapy and handling touch on caregivers of patients undergoing autologous hematopoietic stem cell transplant. *Oncology Nursing Forum*, 29, E35-44.

15. Cardiovascular

Lewis, P., Nichols, E., Mackey, G., Fadol, A., Sloane, L., Villagomez, E., & Liehr, P. (1997). The effect of turning and backrub on mixed venous oxygen saturation in critically ill patients. *American Journal of Critical Care*, 6, 132-140.

16. Cerebral Palsy

Hernandez-Reif, M., Field, T., Largie, S., Diego, M., Manigat, N., Seonanes, J., Bornstein, J. & Waldman, R. (2005). Cerebral Palsy symptoms in children decreased

following massage therapy. *Journal of Early Child Development and Care*, 175, 445-456.

17. Chronic Fatigue Syndrome

Field, T., Sunshine, W., Hernandez-Reif, M., Quintino, O., Schanberg, S., Kuhn, C., & Burman, I. (1997). Chronic fatigue syndrome: massage therapy effects on depression and somatic symptoms in chronic fatigue syndrome. *Journal of Chronic Fatigue Syndrome*, 3, 43-51.

18. Cocaine Exposure

Wheeden, A., Scafidi, F.A., Field, T., Ironson, G., Valdeon, C. & Bandstra, E. (1993). Massage effects on cocaine-exposed preterm neonates. *Journal of Developmental and Behavioral Pediatrics*, 14, 318-322.

19. Cognition (Learning)

Cigales, M., Field, T., Lundy, B., Cuadra, A., Hart, S. (1997). Massage enhances recovery from habituation in normal infants. *Infant Behavior and Development*, 20, 29-34.

Hart, S., Field, T., Hernandez-Reif, M., & Lundy, B. (1998). Preschoolers' cognitive performance improves following massage. *Early Child Development & Care*, 143, 59-64.

20. Constipation

Bishop, E., McKinnon, E., Weir, E., & Brown, D.W. (2003). Reflexology in the management of encopresis and chronic constipation. *Paediatr Nrs.*, 15, 20-1.

21. Cystic Fibrosis

Hernandez-Reif, M., Field, T., Krasnegor, J., Martinez, E., Schwartzman, M. & Mavunda, K. (1999). Children with cystic fibrosis benefit from massage therapy. *Journal of Pediatric Psychology*, 24, 175-181.

22. Dental Pain Ottoson, D., Ekblom, A., & Hansson, P. (1981). Vibratory stimulation for the relief of pain of dental origin. *Pain*, 10, 37-45.

23. Depression

Onozawa, K., Glover, V., Adams, D., Modi, N., & Kumar, R.C. (2001). Infant massage improves mother-infant interaction for mothers with postnatal depression. *Journal of Affective Disorders*, 63(1-3).

24. Dermatitis

Anderson, C., Lis-Balchin, M., & Kirk-Smith, M. (2000). Evaluation of massage with essential oils on childhood atopic eczema. *Phytotherapy Research*, 14, 452-6.

25. Diabetes

Field, T., Hernandez-Reif, M., LaGreca A., Shaw, K., Schanberg, S., & Kuhn, C. (1997). Massage therapy lowers blood glucose levels in children with Diabetes Mellitus. *Diabetes Spectrum*, 10, 237-239.

26. Down Syndrome

Hernandez-Reif, M., Field, T., Bornstein, J. & Fewell, R. (2006). Children with Down Syndrome improved in motor function and muscle tone following massage therapy. *Journal of Early Child Development and Care*, 176, 395-410..

27. Elderly

Field, T., Hernandez-Reif, M., Quintino, O., Schanberg, S. & Kuhn, C. (1998). Elder retired volunteers benefit from giving massage therapy to infants. *Journal of Applied*

Gerontology, 17, 229-239.

28. Fibromyalgia

Field, T., Diego, M., Cullen, C., Hernandez-Reif, M., & Sunshine, W. (2002). Fibromyalgia pain and substance P decreases and sleep improves following massage therapy. *Journal of Clinical Rheumatology*.

29. Headache

Hernandez-Reif, M., Field, T., Dieter, J., Swerdlow, & Diego, M., (1998). Migraine Headaches are Reduced by Massage Therapy. *International Journal of Neuroscience*, 96, 1-11.

30. HIV

Diego, M.A., Hernandez-Reif, M., Field, T., Friedman, L. & Shaw, K. (2001). HIV adolescents show improved immune function following massage therapy. *International Journal of Neuroscience*, 106, 35-45

31. Hypertension

Hernandez-Reif, M., Field, T., Krasnegor, J., Theakston, H., Hossain, Z., & Burman, I. (2000). High blood pressure and associated symptoms were reduced by massage therapy. *Journal of Bodywork and Movement Therapies*, 4, 31-38.

32. Job Stress

Field, T., Ironson, G., Scafidi, F., Nawrocki, T., Goncalves, A., Burman, I., Pickens, J., Fox, N., Schanberg, S., & Kuhn, C. (1996). Massage therapy reduces anxiety and enhances EEG pattern of alertness and math computations. *International Journal of Neuroscience*, 86, 197-205.

33. Leukemia

Field, T., Cullen, C., Diego, M., Hernandez-Reif, M., Sprinz, P., Beebe, K., Kissel, B., & Bango-Sanchez, V. (2001). Leukemia immune changes following massage therapy. *Journal of Bodywork and Movement Therapies*, 5, 271-274.

34. Multiple Sclerosis

Siev-Ner, I., Gamus, D., Lerner-Geva, L., & Achiron, A. (2003). Reflexology treatment relieves symptoms of multiple sclerosis: a randomized controlled study. *Mult Scler.*, 9, 356-61.

35. Nausea

Ming, J.L., Kuo, B.I., Lin, J.G., & Lin, L.C. (2002). The efficacy of acupressure to prevent nausea and vomiting in post-operative patients. *J Adv Nurs.*, 39, 343-51.

36. Organ Transplant

Sempell, P. Jin Shin Jyutsu and Modern Medicine Ancient Art Meets Heart Transplant in *Massage & Bodywork* magazine, April/May, 2000.

37. Pain

Lundeberg, T., Abrahamsson, P., & Haker, E. (1987). Vibratory stimulation compared to placebo in alleviation of pain. *Scandinavian Journal of Rehabilitation Medicine*, 19, 153-158.

Nixon, M., Teschendorff, J., Finney, J., & Karnilowicz, W. (1997). Expanding the nursing repertoire: The effect of massage on post-operative pain. *Australian Journal of Advanced Nursing*, 14, 21-26.

38. Parkinson's

Hernandez-Reif, M., Field, T., Largie, S., Cullen, C., Beutler, J., Sanders, C., Weiner, W., Rodriguez-Bateman, D., Zelaya, L., Schanberg, S. & Kuhn, C. (2002). Parkinson's disease symptoms are reduced by massage therapy and progressive muscle exercises. *Journal of Bodywork and Movement Therapies*, 6, 177-182.

39. PTSD (Post-Traumatic Stress Disorder)

Army Chief Of Staff: Fort Bliss PTSD Program Should Be Replicated, *A Soldier's Mind*, September, 10, 2008. <http://soldiersmind.com/2008/07/22/army-chief-of-staff-fort-bliss-ptsd-program-should-be-replicated/>

40. Sexual Abuse

Field, T., Hernandez-Reif, M., Hart, S., Quintino, O., Drose, L., Field, T., Kuhn, C., & Schanberg, S. (1997). Sexual abuse effects are lessened by massage therapy. *Journal of Bodywork and Movement Therapies*, 1, 65-69.

41. Sleep

Field, T., Kilmer, T., Hernandez-Reif, M. & Burman, I. Preschool Children's Sleep and Wake Behavior: Effects of Massage Therapy. *Early Child Development and Care*, 120, 39-44.

42. Spinal Cord Injuries

Diego, M.A., Field, T., Hernandez-Reif, M., Hart, S., Brucker, B., Field, Tory, Burman, I. (2002). Spinal cord patients benefit from massage therapy. *International Journal of Neuroscience*, 112, 133-142.

43. Surgery Recovery

Mitchinson, A., Kim, H., Rosenberg, J., Geisser, M., Kirsh,, M., Cikrit, D., Hinshaw, D., (2007). Acute Postoperative Pain Management Using Massage as an Adjuvant Therapy A Randomized Trial, *Arch Surg*. 142(12):1158-1167.

44. Stroke

Mok, E., & Woo, C.P. (2004). The effects of slow-stroke back massage on anxiety and shoulder pain in elderly stroke patients. *Complement Ther Nurs Midwifery*, 10, 209-16.

45. TMJ

Adiels AM, Helkimo M, Magnusson T. (2005). Tactile stimulation as a complementary treatment of temporomandibular disorders in patients with fibromyalgia syndrome. A pilot study. *Swed Dent J*.29(1):17-25.