Creative Therapy Consultants

Massage Literature Review

Abdallah, B., Badr, L., Hawwari, M. (2013). The efficacy of massage on short and long term outcomes in preterm infants. *Infant Behavioral Development*, 36(4), 662-669.

Agarwal, K., Gupta, A., Pushkarna, R., Bhargava, S., Faridi, M., Prabhu, M. (2000). Effects of massage & use of oil on growth, blood flow & sleep pattern in infants. *Indian Journal of Medical Research*, 112, 212-217.

Alvarez, M., Fernandez, D., Gomez-Salgado, J., Rodriguez-Gonzalez, D., Roson, M., Lapena, S. (2017) The effects of massage therapy in hospitalized preterm neonates: A systematic review. Nursing Studies, 69, 119-136.

Alvarez, M., Rodriguez-Gonzalez, D., Roson, M., Lapena, S., Gomez-Salgado, J., Fernandez-Garica, D. (2019). Effects of massage therapy and kinesitherapy to develop hospitalized preterm infant's anthropometry: a quasi-experimental study. *Journal of Pediatric Nursing*, 46, e86-e91.

Ang, J., Lua, J., Mathur, A., Thomas, R., Asmar, B., Savasan, S., Buck, S., Long, M., Shankaran, S. (2012). A randomized placebo-controlled trial of massage therapy on the immune system of preterm infants. *Pediatrics*, 130 (6), e1549-e1558.

Assadollahi, M., Jabraeili, M., Mahallei, M., Jafarabadi, A., Ehrahimi, S. (2016). Effects of gentle human touch and field massage on urine cortisol level in premature infants: a randomized controlled clinical trial *Journal of Caring Sciences*, 5 (3), 187-194.

Badr, L., Abdallah, B., Kahale, L. (2015). A meta-analysis of preterm infant massage: an ancient practice with contemporary applications. American Journal of Maternal and Child Nursing, 40(6), 344-358.

Baniasadi, H., Hosseini, S., Abdollahyar, A., Sheikhbardsiri, H. (2019). Effect of massage on behavioural responses of preterm infants in an education hospital in Iran. *Journal of Reproductive and Infant Psychology*, 37(3), 302-310.

Choi, H., Kim, S., Oh, J., Lee, M., Kim, S., Kang, K. (2016). The effects of massage therapy on physical growth and gastrointestinal function in premature infants: A pilot study. *Journal of Child Health* Care, 20 (3), 394-404.

Danby, S., AlEnezi, T., Sultan, A., Lavender, T., Chittock, J., Brown, K., Cork, M. (2012). Effect of Olive and Sunflower Seed Oil on the Adult Skin Barrier: Implications for Neonatal Skin Care. 30(1), 42-50.

Diego, M., Field, T., Hernandez-Reif, M. (2008). Temperature increases in preterm infants during massage therapy. *Infant Behavioral Development*, 31(1), 149-152.

Diego, M., Field, T., Hernandez-Reif, M., Deeds, O., Ascencio, A., Begert, G. (2007). Preterm infant massage elicits consistent increases in vagal activity and gastric motility that are associated with greater weight gain. *Acta Pediatrica*, 96 (11), 1588-1591.

Diego, M., Field, T., Hernandez-Reif, M. (2005). Vagal activity, gastric motility, and weight gain in massaged preterm neonates. Journal of Pediatrics, 147 (1), 50-55.

Elsagh, A., Lotfi, R., Amiri, S., Gooya, H. (2019). Comparison of massage and prone position on heart rate and blood oxygen saturation level in preterm neonates hospitalized in neonatal intensive care unit: a randomized controlled trial. *Iranian Journal of Nursing and Midwifery Research*, 24 (5), 343-347.

Massage Literature Review

Fallah, R., Karbasi, S., Golestan, M., Fromandi, M. (2013). Sunflower oil versus no oil moderate pressure massage leads to greater increases in weight in preterm neonates who are low birth weight. Early Human Development, 89 (9), 769-772.

Ferber, S., Kuin, J., Weller, A., Feldman, R., Dollberg, S., Arbel, E., Kohelet, D. (2002). Massage therapy by mothers and trained professionals enhances weigh gain in preterm infants. Early Human Development, 67 (1-2), 37-45.

Field, T. (2017). Newborn massage therapy. International Journal of Pediatrics and Neonatal Health, 1 (2), 54-64.

Field, T. (2019). Pediatric massage therapy. Children, 6 (6), 78.

Field, T., Diego, M., Hernandez-Reif, M., Dieter, J., Kumar, A., Schanberg, S., Kuhn, C. (2008). Insulin and insulin-like growth factor-1 increased in preterm neonates following massage therapy. *Journal of Developmental and Behavioral Pediatrics, 29 (6), 463-466.*

Field, T., Diego, M., Hernandez-Reif, M. (2010). Moderate pressure is essential for massage therapy effects. International Journal of Neuroscience, 120 (5), 381-385.

Field, T., Diego, M. A., Hernandez-Reif, M., Deeds, O., & Figueiredo, B. (2006). Moderate versus light pressure massage therapy leads to greater weight gain in preterm infants. Infant Behavior & Development, 29, 574–578.

Field, T., Hernandez-Reif,M., Diego, M., Feijo, L., Vera, Y., &Gil, K. (2004). Massage therapy by parents improves early growth and development. Infant Behavior and Development, 27, 435–442.

Fontana, C., Menis, C., Pesenti, N., Passera, S., Liotto, N., Mosca, F., Roggero, P. Fumagalli, M. (2018). Effect of early intervention on feeding behavior in preterm infants: a randomized controlled trial. *Early Human Development*, 121, 15-20.

Fucile, S., Gisel, E., McFarland, D., Lau, C. (2011). Oral and non-oral sensorimotor interventions enhance oral feeding performance in preterm infants. *Developmental Medicine and Child Neurology*, 53 (9), 829-835.

Galanakis, M., Ntaouti, E., Tsitsanis, G., Chrousos, G. (2015). The effects of infant massage on maternal distress: a systematic review. *Psychology*, 6, 2091-2097.

Garg, B., Kabra, N., Balasubramanian, H. (2017). Role of massage therapy on reduction of neonatal hyperbilirubinemia in term and preterm neonates: a review of clinical trials. *The Journal of Maternal-Fetal & Neonatal Medicine*, doi.org/10.1080/14767058.2017.1376316

Guzzetta, A., D'Acunto, M., Carotenuto, M., Berardi, N., Bancale, A., Biagioni, E., Boldrini, A., Ghirri, P., Maggei, L., Cioni, G. (2011). The effects of preterm infant massage on brain electrical activity. *Developmental Medicine & Child Neurology*, 53 (4), 46-51.

Haley S., Beachy J., Ivaska K., Slater, H., Smith, S., Moyer-Mileur, L. (2012). Tactile/kinesthetic stimulation (TKS) increases tibial speed of sound and urinary osteocalcin (U-MidOC and unOC) in premature infants (29-32 weeks PMA). *Bone*, 51 (4), 661-666.

Massage Literature Review

Haley, S., Neff, K., Gulliver, K., Gough, G., Slater, H., Lane, R., Moyer-Mileur, L. (2013). Mechanical-tactile stimulation intervention in a neonatal stress model alters adult adipose tissue deposition and prevents hyperinsulinemia in male rats. *Early Human Development*, 89 (6), 387-392.

Ho, Y., Lee, R., Chow, C., Pang, M. (2010). Impact of massage therapy on motor outcomes in very low-birthweight infants: a randomized controlled pilot study. *Pediatrics International*, 52 (3), 378-385.

Karbandi, S., Lotfi, M., Boskabadi, H., Esmaily, H. (2016). The effects of field massage technique on bilirubin level and the number of defecations in preterm infants. *Evidenced Based Care Journal,* 5 (4), 7-16.

Kim, M., Kim, S., Cho, H. (2016). Effect of tactile stimulation by fathers on physiological responses and paternal attachment in infants in the NICU: A pilot study. *Journal of Child Health Care*, DOI: 10.1177/1367493516666729

Li, X., Zhong, Q., Tang, L. (2016). A meta-analysis of the efficacy and safety of using oil massage to promote infant growth. Journal of Pediatric Nursing, 31(5), 313-322.

Mater, E., Mahamud, H., Mohamed, M. (2019). Effect of eye shield vs massage on preterm infant's pain response during venipuncture. *International Journal of Nursing Didactics*, doi.org/10.15520/ijnd.v9i03.2476

Melnyk, B.M. & Fineout-Overholt, E. (2014). *Evidence-based practice in nursing and healthcare: A guide to best practice 3rd edition.* Philadelphia: Lippincott, Williams & Wilkins.

Mendes, E., Procianoy, R. (2008). Massage therapy reduces hospital stay and occurrence of late-onset sepsis in very preterm neonates. *Journal of Perinatology*, 28 (12), 815-820.

Moyer-Mileur, L., Haley, S., Slater, H., Beachy, J., Smith. (2013). Massage improves growth quality by decreasing body fat deposition in male preterm infants. *Journal of Pediatrics,* 162 (3), 490-495.

Moyer-Mileur, L., Ball, S., Brunstetter, V., Chan, G. (2008). Maternal administered physical activity enhances bone mineral acquisition in premature very low birth weight infants. Journal of Perinatology, 28 (6), 432-437.

Niemi, A. (2017). Review of randomized controlled trials of massage in preterm infants. Children, 4 (4), e21.

Procianoy, R., Mendes, E., Silveira. (2010). Massage therapy improves neurodevelopment outcome at two years corrected age in very low birth weight infants. *Early Human Development*, 86 (1), 7-11.

Rad, Z., Haghshenas, M., Javadian, Y., Hajahmadi, M., Kazemian, F. (2016). The effect of massage on weight gain in very low birth weight neonates. *Journal of Clinical Neonatology*, 5 (2), 96-99.

Saeadi, R., Ghorbani, Z., Shapouri Moghaddam, A. (2014) The effect of massage with medium-chain triglyceride oil on weight gain in premature neonates. Acta Med Iran, 53(2), 134-138.

Shoghi, M., Sohrabi, S., Rasouli, M. (2017), The effects of massage by mothers on mother-infant attachment. *Alternative Therapeutic Health Medicine*, 6 (1), 35-41.

Massage Literature Review

Smith, S., Haley, S., Slater, H., Moyer-Mileur, L. (2013). Heart rate variability during caregiving and sleep after massage therapy in preterm infants. *Early Human Development*, 89 (8), 525-529.

Smith, S., Lux, R., Haley, S., Slater, H., Beechy, J., Moyer-Mileur, L. (2013). The effect of massage on heart rate variability in preterm infants. *Journal of Perinatology*, 33, 59-64.

Taheri, P., Goudarzi, Z., Shariat, M., Nariman, S., Matin, E. (2018) The effect of a short course of moderate pressure sunflower oil massage on the weight gain velocity and length of NICU stay in preterm infants. *Infant Behavior and Development*, 50, 22-27.

Wang, L., He, J., Zhang, X. (2013). The efficacy of massage on preterm infants: a meta analysis. *American Journal of Perinatology*, 30 (9), 731-738.

Zhang, M., Wang, L., Wang, Y., Tang, J. (2019). The influence of massage on neonatal hyperbilirubinemia: a meta-analysis of randomized controlled trials. *The Journal of Maternal-Fetal & Neonatal Medicine*, 32 (18), 3109-3114.