foxstudy

Kursteil 4. Therapieformen für die Mobilität der oberen Extremität

Boyd, R., Sakzewski, L., Ziviani, J., Abbott, D. F., Badawy, R., Gilmore, R., … Jackson, G. D. (2010). INCITE: A randomised trial comparing constraint induced movement therapy and bimanual training in children with congenital hemiplegia. *BMC Neurology*, *10*. https://doi.org/10.1186/1471-2377-10-4

Brandão, M. B., Mancini, M. C., Ferre, C. L., Priscilla, R. P., Oliveira, R. H. S., Gonçalves, S. C., … Gordon, A. M. (2018). Physical & Occupational Therapy In Pediatrics Does Dosage Matter ? A Pilot Study of Hand- Arm Bimanual Intensive Training (HABIT) Dose and Dosing Schedule in Children with Unilateral Cerebral Palsy Does Dosage Matter ? A Pilot Study of Hand-Arm Bimanual, *2638*. https://doi.org/10.1080/01942638.2017.1407014

Castilho, J., Ferreira, L. A. B., Pereira, W. M., Neto, H. P., Morelli, J. G. da S., Brandalize, D., … Oliveira, C. S. (2012). Analysis of electromyographic activity in spastic biceps brachii muscle following neural mobilization. *Journal of Bodywork and Movement Therapies*, *16*(3), 364–368. https://doi.org/10.1016/j.jbmt.2011.12.003

Chen, Y., HsinCHen, D., & Howard, A. (2018). Effectiveness of Virtual Reality in Children With Cerebral Palsy: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Journal of School Health*, *11*(7), 200–204. https://doi.org/10.1111/j.1746-1561.1941.tb05452.x

Chen, Y. P., & Howard, A. M. (2016). Effects of robotic therapy on upper-extremity function in children with cerebral palsy: A systematic review. *Developmental Neurorehabilitation*, *19*(1), 64–71. https://doi.org/10.3109/17518423.2014.899648

Choudhary, A., Gulati, S., Kabra, M., Singh, U. P., Sankhyan, N., Pandey, R. M., & Kalra, V. (2013). Efficacy of modified constraint induced movement therapy in improving upper limb function in children with hemiplegic cerebral palsy: a randomized controlled trial. *Brain & Development*, *35*(9), 870–876. https://doi.org/10.1016/j.braindev.2012.11.001

Facchin, P., Rosa-Rizzotto, M., Dalla Pozza, L. V., Turconi, A. C., Pagliano, E., Signorini, S., … Ursula, Z. (2011). Multisite trial comparing the efficacy of constraint-induced movement therapy with that of bimanual intensive training in children with hemiplegic cerebral palsy: Postintervention results. *American Journal of Physical Medicine and Rehabilitation*, *90*(7), 539–553. https://doi.org/10.1097/PHM.0b013e3182247076

Ferre, C. L., Brandão, M., Surana, B., Dew, A. P., Moreau, N. G., & Gordon, A. M. (2017). Caregiver-directed home-based intensive bimanual training in young children with unilateral spastic cerebral palsy: a randomized trial. *Developmental Medicine and Child Neurology*, *59*(5), 497–504. https://doi.org/10.1111/dmcn.13330

Godoi, J., Kerppers, I. I., Rossi, L. P., Corrêa, F. I., Costa, R. V, Corrêa, J. C. F., & Oliveira, C. S. (2010). Electromyographic analysis of biceps brachii muscle following neural mobilization in patients with stroke. *Electromyography and Clinical Neurophysiology*, *50*(1), 55–60. Retrieved from http://www.ncbi.nlm.nih.gov/pubmed/20349559

Graham, K. (2004). Mechanism of Deformity. In Hilary M. Hart (Ed.), *Management of the Motor Disorders of Children with Cerebral Palsy* (2nd ed., pp. 105–129). London: Mac Keith Press.

Hoare, B., Imms, C., Villanueva, E., Rawicki, H. B., Matyas, T., & Carey, L. (2013). Intensive therapy following upper limb botulinum toxin A injection in young children with unilateral cerebral palsy: A randomized trial. *Developmental Medicine and Child Neurology*, *55*(3), 238–247. https://doi.org/10.1111/dmcn.12054

Hoare, B. J., Wallen, M. A., Thorley, M. N., Jackman, M. L., Carey, L. M., & Imms, C. (2019). Constraint-induced movement therapy in children with unilateral cerebral palsy. *Cochrane Database of Systematic Reviews*, *2019*(4). https://doi.org/10.1002/14651858.CD004149.pub3

Hösl, M., Böhm, H., Arampatzis, A., Keymer, A., & Döderlein, L. (2016). Contractile behavior of the medial gastrocnemius in children with bilateral spastic cerebral palsy during forward, uphill and backward-downhill gait. *Clinical Biomechanics*, *36*, 32–39. https://doi.org/10.1016/j.clinbiomech.2016.05.008

Jackman, M., Novak, I., & Lannin, N. (2014). Effectiveness of hand splints in children with cerebral palsy: A systematic review with meta-analysis. *Developmental Medicine and Child Neurology*, *56*(2), 138–147. https://doi.org/10.1111/dmcn.12205

Kanellopoulos, A., Mavrogenis, A., & Mitsiokapa, E. (2009). Long lasting benefits following the combination of static night upper extremity splinting with botulinum toxin A injections in cerebral palsy children. *Eur J Phys Rehabil Med*, *45*, 501–506.

Novak, I, & Berrry, J. (2006). Home program intervention effectiveness evidence. *Physical and Occupational Therapy in Pediatrics*, *34*(4), 384–389. https://doi.org/10.3109/01942638.2014.964020

Novak, Iona, Morgan, C., Fahey, M., Finch-Edmondson, M., Galea, C., Hines, A., … Badawi, N. (2020). State of the Evidence Traffic Lights 2019: Systematic Review of Interventions for Preventing and Treating Children with Cerebral Palsy. *Current Neurology and Neuroscience Reports*, *20*(2). https://doi.org/10.1007/s11910-020-1022-z

Park, E. J., Baek, S. H., & Park, S. (2016). Systematic review of the effects of mirror therapy in children with cerebral palsy. *Journal of Physical Therapy Science*, *28*(11), 3227–3231. https://doi.org/10.1589/jpts.28.3227

Rameckers, E. A. A., Janssen-Potten, Y. J. M., Essers, I. M. M., & Smeets, R. J. E. M. (2015). Efficacy of upper limb strengthening in children with Cerebral Palsy: A critical review. *Research in Developmental Disabilities*, *36*, 87–101. https://doi.org/10.1016/j.ridd.2014.09.024

Rha, D. W., Yang, E. J., Chung, H. I., Kim, H. Bin, Park, C. Il, & Park, E. S. (2008). Is electrical stimulation beneficial for improving the paralytic effect of botulinum toxin type A in children with spastic diplegic cerebral palsy? *Yonsei Medical Journal*, *49*(4), 545–552. https://doi.org/10.3349/ymj.2008.49.4.545

Sakzewski, L., Miller, L., Ziviani, J., Abbott, D. F., Rose, S., Macdonell, R. A. L., & Boyd, R. N. (2015). Randomized comparison trial of density and context of upper limb

intensive group versus individualized occupational therapy for children with unilateral cerebral palsy. *Developmental Medicine and Child Neurology*, *57*(6), 539–547. https://doi.org/10.1111/dmcn.12702

Wallen, M. A., O'Flaherty, S. J., & Waugh, M. C. A. (2004). Functional Outcomes of Intramuscular Botulinum Toxin Type A in the Upper Limbs of Children with Cerebral Palsy: A Phase II Trial. *Archives of Physical Medicine and Rehabilitation*, *85*(2), 192–200. https://doi.org/10.1016/j.apmr.2003.05.008

Wallen, M., Ziviani, J., Naylor, O., Evans, R., Novak, I., & Herbert, R. D. (2011). Modified constraint-induced therapy for children with hemiplegic cerebral palsy: A randomized trial. *Developmental Medicine and Child Neurology*, *53*(12), 1091–1099. https://doi.org/10.1111/j.1469-8749.2011.04086.x