

# AHA, INC. BIBLIOGRAPHY AND REFERENCE LIST

The following is a list of published articles which describe the inclusion of hippotherapy in occupational therapy, physical therapy or speech language pathology service delivery. Please note that terminology varies, and articles may use terminology that is not consistent with the AHA Inc. Terminology Guidelines. In addition, some of the articles may describe the inclusion of both recreational activities and therapies that incorporate equines. Thoughtful consideration should be taken when reviewing and interpreting findings. New articles are represented with an \* in the list below.

## LITERATURE & SYSTEMATIC REVIEWS

According to the Cochrane Consumer Network, “A systematic review summarizes the results of available carefully designed healthcare studies (controlled trials) and provides a high level of evidence on the effectiveness of healthcare interventions. Judgements may be made about the evidence and inform recommendations for healthcare. These reviews are complicated and depend largely on what clinical trials are available, the quality of the methodology, and the health outcomes that were measures. Review authors pool numerical data about effects of the treatment through a process called meta-analyses. Then authors assess the evidence for any benefits or harms from those treatments. In this way, systematic reviews are able to summarize the existing clinical research on a topic” (The Cochrane Collaboration, <http://consumers.cochrane.org/what-systematic-review>, 2017).

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<http://doi.org/10.9734/BJMMR/2015/17023>

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<https://doi.org/10.1016/j.bjpt.2019.04.005>

Bronson, C., Brewerton, K., Ong, J., Palanca, C., & Sullivan, S.J. (2010). Does hippotherapy improve balance in persons with multiple sclerosis: A systematic review. *European Journal of Physical and Rehabilitation Medicine*, 46, 347-353. PMID:20927000

\*Guindos-Sanchez, L. D., Lucena-Anton, D., Carmona-Barrientos, I., Moral-Munoz, J. A., & Salazar, A. (2020). The Effectiveness of Hippotherapy to Recover Gross Motor Function in Children with Cerebral Palsy: A Systematic Review and Meta-Analysis. *Children*, 7(9), 106. <https://doi.org/10.3390/children7090106>

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- Sterba, J. A. (2007). Does horseback riding therapy or therapist-directed hippotherapy rehabilitate children with cerebral palsy? *Developmental Medicine and Child Neurology*, 49(1), 68–73. <http://doi.org/10.1017/S0012162207000175.x>
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- Tseng, S. H., Chen, H.C., & Tam, K.W. (2012). Systematic review and meta-analysis of the effect of equine assisted activities and therapies on gross motor outcome in children with cerebral palsy. *Disability and Rehabilitation*, 35, 1–11. <https://doi.org/10.3109/09638288.2012.687033>
- Whalen, N.C., & Case-Smith, J. (2012). Therapeutic effects of horseback riding therapy on gross motor function in children with cerebral palsy: A systematic review. *Physical & Occupational Therapy in Pediatrics*, 32(3), 229–242. <https://doi.org/10.3109/01942638.2011.619251>
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- Zadnikar, M., & Kastrin, A. (2011). Effects of hippotherapy and therapeutic horseback riding on postural control or balance in children with cerebral palsy: A meta-analysis. *Developmental Medicine and Child Neurology*, 53(8), 684-691. <https://doi.org/10.1111/j.1469-8749.2011.03951.x>

## PEER-REVIEWED RESEARCH PAPERS

This section includes articles that use scientific research and inquiry methods that include more than one research participant.

This list was updated on 9/9/2020. To suggest a change, addition, or update please contact the AHA Inc. Research Committee at [researchcommittee@theahainc.org](mailto:researchcommittee@theahainc.org)

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