

## THE WILMA L. WEST LIBRARY

### Pathfinder for Cerebral Palsy

#### Scope

The purpose of the pathfinders created by the staff of the Wilma L. West Library is to provide occupational therapy practitioners and students, as well as consumers, starting points from which to begin to do research about a topic. A pathfinder is not a comprehensive listing of available resources but a guide to specific and reliable sources of information.

#### Introduction to the topic

Cerebral Palsy: (noun) : a disability resulting from damage to the brain before, during, or shortly after birth and outwardly manifested by muscular incoordination and speech disturbances—see [ATAXIC CEREBRAL PALSY](#), [ATHETOID CEREBRAL PALSY](#), [SPASTIC CEREBRAL PALSY](#) (Retrieved from Merriam Webster Medical Dictionary on November 8, 2011 <http://www.merriam-webster.com/medlineplus/Cerebral%20Palsy> )

#### Online databases

Suggested subject terms to use in searching are Cerebral Palsy.

#### [MedlinePlus®](#)

Health information for patients, families and health care providers. Also in Spanish. Access to this government-supported database is free.

#### [OT SEARCH](#)

OT Search contains over 41,000 citations for occupational therapy literature and related subject areas dating from the early 1900's. Citations may include links to full-text content. It is a subscription-based service.

#### [PubMed](#)

PubMed comprises more than 20 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites. Access to this government-supported database is free.

#### [REHABDATA Database](#)

REHABDATA, produced by the National Rehabilitation Information Center, is the leading literature database on disability and rehabilitation. The database describes over 70,000 documents covering physical, mental, and psychiatric disabilities, independent living, vocational rehabilitation, special education, assistive technology, law, employment, and

other issues as they relate to people with disabilities. The collection spans 1956 to the present.

### **Reference resources (print and electronic)**

[Centers for Disease Control and Prevention. Facts about Cerebral Palsy.](#)

[ClinicalTrials.gov](#)

ClinicalTrials.gov offers up-to-date information for locating federally and privately supported clinical trials for a wide range of diseases and conditions.

National Institute of Neurological Disorders and Stroke. [Cerebral Palsy: Hope through Research.](#)

UNICEF. (2013) [Children and young people with disabilities fact sheet](#). New York, NY: United Nations Children's Fund.

### **Associations, Foundations, and Organizations**

[Cerebral Palsy International Research Foundation](#)

[United Cerebral Palsy Associations](#)

### **Image, video or podcasts**

Centers for Disease Control and Prevention. (2008). [Learn more about cerebral palsy.](#)

### **Relevant Official Documents of the American Occupational Therapy Association, Inc.**

[Guidelines for Occupational Therapy in Early Intervention and Schools \(2017\)](#)

[The Practice of Occupational Therapy in Feeding, Eating, and Swallowing \(2017\)](#)

[Complex Environmental Modifications \(2015\)](#)

[Occupational Therapy's Perspective on the Use of Environments and Contexts to Facilitate Health, Well-Being, and participation in Occupations \(2015\)](#)

[Physical Agent Modalities \(2012\)](#)

[Telehealth \(2013\)](#)

### **Selected articles on the role of occupational therapy**

Abd El-Kafy, E.M., Elshemy, S.A. & Alghamdi, M.S. (2014). [Effect of constraint-induced therapy on upper limb functions: a randomized control trial](#). *Scandinavian Journal of Occupational Therapy*, 21, 11-23. doi: 10.3109/11038128.2013.837505.

Anaby, D., Korner-Bitensky, N., Steven, E., Tremblay, S., Snider, L., Avery, L. & Law M. (2017). [Current rehabilitation practices for children with cerebral palsy: Focus and gaps](#). *Physical and Occupational Therapy in Pediatrics*, 37, 1-15. doi: 10.3109/01942638.2015.1126880.

Barfoot, J., Meredith, P., Ziviani, J. & Whittingham, K. (2015). [Relationship-focused parenting intervention to support developmental outcomes for a young child with cerebral palsy: a practice application](#). *British Journal of Occupational Therapy*, 78, 640-643. doi: 10.1177/0308022615583304.

Bonsall, A. (2014). [The social context of occupations: Analysis of a father feeding his daughter diagnosed with cerebral palsy](#). *OTJR: Occupation, Participation and Health*, 34, 193-201. doi: 10.3928/15394492-20141006-04.

Brandão, M., Ocarino, J.M., Bueno, K.M.P. & Mancini, M.C. (2015). [Hand use at home and in clinical settings by children with cerebral palsy: qualitative study](#). *Occupational Therapy International*, 22, 43-50. doi: 10.1002/oti.1383.

Chen, C.L., Lin, K.C., Kang, L.J., Wu, C.Y., Chen, H.C. & Hsieh, Y.W. (2014). [Potential predictors of functional outcomes after home-based constraint-induced therapy for children with cerebral palsy](#). *American Journal of Occupational Therapy*, 68, 159-166. doi: 10.5014/ajot.2014.009860.

DeLuca, S. C., Ramey, S. L., Trucks, M. R., & Wallace, D. A. (2015). [Multiple treatments of pediatric constraint-induced movement therapy \(pCIMT\): A clinical cohort study](#). *The American Journal of Occupational Therapy*, 69, 6906180010p1-p9. doi: 10.5014/ajot.2015.019323.

Georgiades, M., Elliott, C., Wilton, J., Blair, E., Blackmore, M. & Garbellini, S. (2014). [The Neurological Hand Deformity Classification for children with cerebral palsy](#). *Australian Occupational Therapy Journal*, 61, 394-402. doi: 10.1111/1440-1630.12150.

Graham, N. E., Truman, J. & Holgate, H. (2015). [Parents' understanding of play for children with cerebral palsy](#). *The American Journal of Occupational Therapy*, 69, 6903220050p1-6903220050p9. doi:10.5014/ajot.2015.015263.

James, S., Ziviani, J., Ware, R.S. & Boyd R.N. (2015). [Randomized controlled trial of web-based multimodal therapy for unilateral cerebral palsy to improve occupational performance](#). *Developmental Medicine and Child Neurology*, 57, 530-538. doi: 10.1111/dmcn.12705.

Johari, S., Rassafiani, M., Dalvand, H., Ahmadi Kahjoogh, M. & Daemi, M. (2016). [Effects of maternal handling training at home, on development of fine motor skills in the children with cerebral palsy: A randomized clinical trial](#). *Journal of Occupational Therapy, Schools, & Early Intervention*, 9, 321-331. doi: 10.1080/19411243.2016.1220342.

Klevberg, G.L., Østensjø, S., Elkjær, S., Kjekken, I. & Jahnsen, R.B. (2017). [Hand Function in Young Children with Cerebral Palsy: Current Practice and Parent-Reported Benefits](#). *Physical and Occupational Therapy in Pediatrics*, 37, 222-237. doi: 10.3109/01942638.2016.1158221.

Lidman, G., Nachemson, A., Peny-Dahlstrand, M. & Himmelmann, K. (2015). [Botulinum toxin A injections and occupational therapy in children with unilateral spastic cerebral palsy: a randomized controlled trial](#). *Developmental Medicine and Child Neurology*, 57, 754-761. doi: 10.1111/dmcn.12739.

McLean, B., Taylor, S., Blair, E., Valentine, J., Carey, L. & Elliott, C. (2017). [Somatosensory Discrimination Intervention Improves Body Position Sense and Motor Performance in Children With Hemiplegic Cerebral Palsy](#). *The American Journal of Occupational Therapy*, 71, 7103190060p1-7103190060p9. doi:10.5014/ajot.2016.018903.

Pfeifer, L., Santos, T.R., Silva, D.B.R., Panúncio, Pinto M.P., Caldas, C.A. & Santos, J.L.F. (2014). [Hand function in the play behavior of children with cerebral palsy](#). *Scandinavian Journal of Occupational Therapy*, 21, 241-250. doi: 10.3109/11038128.2013.871059.

Reifenberg, G., Gabrosek, G., Tanner, K., Harpster, K., Proffitt, R. & Persch, A. (2017). [Feasibility of Pediatric Game-Based Neurorehabilitation Using Telehealth Technologies: A Case Report](#). *The American Journal of Occupational Therapy*, 71, 7103190040p1-7103190040p8. doi: 10.5014/ajot.2017.024976.

Sakzewski, L., Ziviani, J. & Boyd, R.N. (2014). [Efficacy of upper limb therapies for unilateral cerebral palsy: a meta-analysis](#). *Pediatrics*, 133, e175-e204. doi: 10.1542/peds.2013-0675.

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