

RESULTS OF SEARCH

Summary of articles retrieved that met inclusion and exclusion criteria.

Author (Year)	Risk of bias (quality score)*	Level of Evidence**	Relevance	Study design
¹ Herrin K, Geil M (2016)	8/11 (PEDro)	1b	High	RCT
² Romkes J (2002)	11/27 (Downs and Black); 11/24 without external validity	2b	High	Quasi-experimental (no randomization)
³ Carmick J (2013)	3/10 (JBI+)	5	Mod	Case series
⁴ Smith PA (2009)	7/11 (PEDro)	1b	High	RCT (crossover)
⁵ Herndon SK, Bennett BC, Wolovick A, Filachek A, Gaesser GA (2006)	4/11 (PEDro)	2b	Low	RCT (repeated measures)
⁶ Lam WK, Leong J, Li Y, Hu Y, Lu W (2005)	7/11 (PEDro)	1b	High	RCT
⁷ Ruzbarsky JJ, Scher D, Dodwell E (2016)	2/11 (AMSTAR)	5	High	Expert opinion and review of research
⁸ Le Cras S, Bouck J, Brausch S, Taylor-Haas A (2011)	17/23 (AGREE II)	1b	Mod	Clinical Practice Guideline

References

- Herrin K, Geil M. A comparison of orthoses in the treatment of idiopathic toe walking: A randomized controlled trial. *Prosthet Orthot Int* 2016;40(2):262-269. doi:10.1177/0309364614564023.
- Romkes J, Brunner R. Comparison of a dynamic and a hinged ankle-foot orthosis by gait analysis in patients with hemiplegic cerebral palsy. *Gait Posture* 2002;15(1):18-24.
- Carmick J. Forefoot mobility in ankle and foot orthoses: effect on gait of children with cerebral palsy. *Pediatr Phys Ther* 2013;25(3):331-337. doi:10.1097/PEP.0b013e31828e30ac.
- Smith PA, Hassani S, Graf A, Flanagan A, Reiners K, Kuo KN, Roh JY, Harris GF. Brace evaluation in children with diplegic cerebral palsy with a jump gait pattern. *J Bone Joint Surg Am* 2009;91(2):356-365. doi:10.2106/JBJS.G.01369.
- Herndon SK, Bennett BC, Wolovick A, Filachek A, Gaesser GA, Weltman A, Abel MF. Center of mass motion and the effects of ankle bracing on metabolic cost during submaximal walking trials. *J Orthop Res* 2006;24(12):2170-2175. doi:10.1002/jor.20292.

6. Lam WK, Leong JCY, Li YH, Hu Y, Lu WW. Biomechanical and electromyographic evaluation of ankle foot orthosis and dynamic ankle foot orthosis in spastic cerebral palsy. *Gait Posture* 2005;22(3):189-197. doi:10.1016/j.gaitpost.2004.09.011.
7. Ruzbarsky JJ, Scher D, Dodwell E. Toe walking: causes, epidemiology, assessment, and treatment. *Curr Opin Pediatr* 2016;28(1):40-46. doi:10.1097/MOP.0000000000000302.
8. Le Cras S, Bouck J, Brausch S, Taylor-Haas A; Cincinnati Children's Hospital Medical Center: Evidence based clinical care guideline for Management of Idiopathic Toe Walking, <http://www.cincinnatichildrens.org/service/j/andersoncenter/evidence-based-care/occupational-therapy-physicaltherapy/>, Guideline 040, pages 1-17, February 15, 2011.