



















- Technology, vol. 44, no. 4, pp. 198–202, May 2020, doi: 10.1080/03091902.2020.1759709.
- [19] Y. Ma, K. Mithraratne, N. Wilson, Y. Zhang, and X. Wang, “Kinect v2-based gait analysis for children with cerebral palsy: Validity and reliability of spatial margin of stability and spatiotemporal variables,” *Sensors*, vol. 21, no. 6, pp. 1–17, Mar. 2021, doi: 10.3390/s21062104.
- [20] I. Cocchi et al., “A 2D markerless gait analysis protocol to estimate the sagittal joint kinematics of children with cerebral palsy,” in 2019 IEEE 23rd International Symposium on Consumer Technologies, ISCT 2019, Jun. 2019, pp. 192–196. doi: 10.1109/ISCE.2019.8901029.
- [21] D. Kiernan and C. K. Simms, “Reliability and measurement error of multi-segment trunk kinematics and kinetics during cerebral palsy gait,” *Medical Engineering and Physics*, vol. 75, pp. 53–58, Jan. 2020, doi: 10.1016/j.medengphy.2019.11.002.
- [22] L. Carcreff et al., “Walking Speed of Children and Adolescents With Cerebral Palsy: Laboratory Versus Daily Life,” *Frontiers in Bioengineering and Biotechnology*, vol. 8, p. 812, Jul. 2020, doi: 10.3389/fbioe.2020.00812.
- [23] Z. F. Lerner, T. A. Harvey, and J. L. Lawson, “A Battery-Powered Ankle Exoskeleton Improves Gait Mechanics in a Feasibility Study of Individuals with Cerebral Palsy,” *Annals of Biomedical Engineering*, vol. 47, no. 6, pp. 1345–1356, Jun. 2019, doi: 10.1007/s10439-019-02237-w.
- [24] G. M. Gasparri, M. O. Bair, R. P. Libby, and Z. F. Lerner, “Verification of a Robotic Ankle Exoskeleton Control Scheme for Gait Assistance in Individuals with Cerebral Palsy,” in IEEE International Conference on Intelligent Robots and Systems, Dec. 2018, pp. 4673–4678. doi: 10.1109/IROS.2018.8593904.
- [25] M. Barkocy, Z. Zhang, J. Dexter, and D. Doty, “A Comparison of Gait Parameters Using Varying Orthotic Designs in a Child with Spastic Diplegic Cerebral Palsy after Selective Dorsal Rhizotomy Surgery: A Case Report,” *Journal of Prosthetics and Orthotics*, vol. 31, no. 2, pp. 159–162, Apr. 2019, doi: 10.1097/JPO.000000000000189.
- [26] R. Tao, L. Feng, Z. Xiao, and B. hua Zhang, “Posterior Versus Anterior Walkers for Children with Cerebral Palsy-Biomechanical Analysis and Energy Consumption: a Systematic Review,” *Journal of Developmental and Physical Disabilities*, vol. 32, no. 6. Springer, pp. 877–892, December 01, 2020. doi: 10.1007/s10882-020-09731-3.