

***C-Brace* Bibliography.**

1. Deems-Dluhy S, Hoppe-Ludwig S, Mummidisetty CK, Semik P, Heinemann AW, Jayaraman A. Microprocessor Controlled Knee Ankle Foot Orthosis (KAFO) vs Stance Control vs Locked KAFO: A Randomized Controlled Trial. *Arch Phys Med and Rehab.* 102(2) 233 – 244. DOI: 10.1016/j.apmr.2020.08.013 [Download](#)
2. Deems-Dluhy S, Hoppe-Ludwig S, Mummidisetty C, Lonini L, Shawen N, Jayaraman A (2017, September). The Microprocessor Controlled Orthosis: What is the impact to the user versus the stance control orthosis and conventional locked KAFO? Abstract presentation given at the American Orthotics & Prosthetics Association National Assembly, Las Vegas, NV.
3. Lundstrom R, Klenow T, Morris A, Pobatschnig B, Kannenberg A. Improvement in Fast Walking Speed and Daily Step Counts: Interim Results from the *C-Brace*® Registry. Abstract presentation given at the AOPA National Assembly, Indianapolis, IN, Sep 2023. [Download](#)
4. Lundstrom R, Morris A, Pobatschnig B, Kannenberg A. Reduction in Pain and Pain Interference after C-Brace Fitting: Interim Results from the *C-Brace* Registry. Abstract presentation given at the AOPA-TXSOPP National Assembly, San Antonio, TX, Sep 2022.
5. Lundstrom R, Morris A, Pobatschnig B, Kannenberg A. Reduction in Falls and Fall Risk after *C-Brace* Fitting: Interim Results from the C-Brace Registry. *Archives of Physical Medicine and Rehabilitation.* 2022 Dec 1;103(12):e167-8. [Download](#)
6. Lundstrom, R., Morris, A., Kannenberg, A. (2021). One-year Interim Results from the *C-Brace* Registry: Comparing Stroke vs. Non-stroke Outcomes. Abstract presentation given at the 47th Academy Annual Meeting & Scientific Symposium, Virtual, May 2021. [Download](#)
7. Lundstrom, R., Morris, A., Kannenberg, A. (2019). Interim Results from the *C-Brace*® Registry. Abstract presentation given at the 45th Academy Annual Meeting & Scientific Symposium, Orlando, FL, March 2019. [Download](#)
8. Lundstrom, R., Drain, A., Kannenberg, A. (2017, September). Safety & Effectiveness Results from the *C-Brace*® Retrospective Registry. Abstract presentation given at the American Orthotics & Prosthetics Association National Assembly, Las Vegas, NV. [Download](#)
9. Lundstrom, R, Drain A, Kannenberg A. (2016, March). Training outcomes from the *C-Brace*® Retrospective Registry. Abstract presented at the American Academy of Orthotists & Prosthetists 42nd Academy Annual Meeting & Scientific Symposium. [Download](#)
10. Pröbsting, E., Kannenberg, A., & Zacharias, B. (2017). Safety and walking ability of KAFO users with the *C-Brace*® Orthotronic Mobility System, a new microprocessor stance and swing control orthosis. *Prosthetics and orthotics international*, 41(1), 65-77. DOI: 10.1177/0309364616637954 [Download](#)
11. Ruetz A, DiBello T, Toelle C, Hemmen B, Wening J, Weber E, Braatz F, Winkler T, Steinfeldt F, Umari M, Rupp R. A microprocessor stance and swing control orthosis improves balance, risk of falling, mobility, function, and quality of life of individuals dependent on a knee-ankle-foot orthosis for ambulation. *Disability and Rehabilitation.* 2023 Sep 26:1-4. DOI: 10.1080/09638288.2023.2258342. [Download](#)

12. Schmalz, T., Pröbsting, E., Auberger, R., & Siewert, G. (2016). A functional comparison of conventional knee–ankle–foot orthoses and a microprocessor-controlled leg orthosis system based on biomechanical parameters. *Prosthetics and orthotics international*, 40(2), 277-286. DOI: 10.1177/0309364614546524. [Download](#)
13. Schmalz, T., Bellmann M., Kannenberg, A. (2015, October). Metabolic Energy Consumption and Safety of Leg Orthoses: Comparison between *C-Brace*® and conventional KAFOs. Poster session presented at the American Orthotics & Prosthetics Association National Assembly, San Antonio, TX. [Download](#)

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