

Title: DDSIG: Considerations for AFO and FES use: Lessons from the stroke CPG- with Lisa Brown- Episode 23

Description: In this episode Parm talks to Lisa Brown, an author on the newly released Clinical Practice Guideline for use of Ankle-Foot Orthoses and Functional Electrical Stimulation Post-Stroke. They discuss the CPG development process, as well as what conclusions might be applicable outside of the stroke population including for people with MS and other neurodegenerative conditions. They talk through some practical strategies clinicians can use when making bracing recommendations and give a preview of upcoming knowledge translation projects.

The Degenerative Diseases Special Interest Group is part of the Academy of Neurologic Physical Therapy – [www.neuropt.org](http://www.neuropt.org).

Guest information:

Lisa Brown, PT, DPT, NCS  
Clinical Assistant Professor  
Boston University  
Boston University Physical Therapy Center: <https://www.bu.edu/rehab/>  
<https://www.bu.edu/sargent/profile/lisa-brown-pt-dpt-ncs/>

#### Referenced Articles

Johnston TE, Keller S, Denzer-Weiler C, Brown L. A Clinical Practice Guideline for the Use of Ankle-Foot Orthoses and Functional Electrical Stimulation Post-Stroke. J Neurol Phys Ther. 2021 Apr 1;45(2):112-196. doi: 10.1097/NPT.0000000000000347. PMID: 33675603.

#### Related Articles

Dapul GP, Bethoux. Functional electrical stimulation for foot drop in multiple sclerosis. US Neurol. 2015;11(1):10.

Miller L, McFadyen A, Lord AC, Hunter R, Paul L, Rafferty D, Bowers R, Mattison P. Functional Electrical Stimulation for Foot Drop in Multiple Sclerosis: A Systematic Review and Meta-Analysis of the Effect on Gait Speed. Arch Phys Med Rehabil. 2017 Jul;98(7):1435-1452. doi: 10.1016/j.apmr.2016.12.007.

#### Related Information/Links

Stroke SIG CPG podcast: <https://podcasts.neuropt.org/strokesig/stroke-sig-jnpt-collaboration-discussing-the-clinical-practice-guideline-for-the-use-of-ankle-foot-orthoses-and-functional-electrical-stimulation-post-stroke-episode-14/>

CPG quick reference guide: [https://www.neuropt.org/docs/default-source/cpgs/clinician-resource-final0a2539a5390366a68a96ff00001fc240.pdf?sfvrsn=c2265f43\\_0](https://www.neuropt.org/docs/default-source/cpgs/clinician-resource-final0a2539a5390366a68a96ff00001fc240.pdf?sfvrsn=c2265f43_0)

CPG website (check back for knowledge translation materials): [https://www.neuropt.org/practice-resources/anpt-clinical-practice-guidelines/AFO\\_FES-post-stroke](https://www.neuropt.org/practice-resources/anpt-clinical-practice-guidelines/AFO_FES-post-stroke)