

Accepted Manuscript

EMG synchrony to assess impaired corticomotor control of locomotion after stroke

Neha Lodha, Yen-Ting Chen, Theresa McGuirk, Emily J. Fox, Steven A. Kautz, Evangelos A. Christou, David J. Clark

PII: S1050-6411(16)30272-3
DOI: <http://dx.doi.org/10.1016/j.jelekin.2017.08.007>
Reference: JJEK 2106

To appear in: *Journal of Electromyography and Kinesiology*

Received Date: 22 November 2016
Revised Date: 14 June 2017
Accepted Date: 29 August 2017



Please cite this article as: N. Lodha, Y-T. Chen, T. McGuirk, E.J. Fox, S.A. Kautz, E.A. Christou, D.J. Clark, EMG synchrony to assess impaired corticomotor control of locomotion after stroke, *Journal of Electromyography and Kinesiology* (2017), doi: <http://dx.doi.org/10.1016/j.jelekin.2017.08.007>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

EMG synchrony to assess impaired corticomotor control of locomotion after stroke

Neha Lodha³, Yen-Ting Chen⁴, Theresa McGuirk¹, Emily J. Fox^{5,6}, Steven A. Kautz^{7,8}, Evangelos A. Christou⁹, and David J. Clark^{1,2*}

¹ Brain Rehabilitation Research Center, Malcom Randall VA Medical Center, Gainesville FL, USA

² Department of Aging and Geriatric Research, University of Florida, Gainesville FL, USA

³ Department of Health and Exercise Science, Colorado State University, Fort Collins CO, USA

⁴ Health Science Center, University of Texas, Houston TX, USA

⁵ Department of Physical Therapy, University of Florida, Gainesville FL, USA

⁶ Brooks Rehabilitation, Jacksonville FL, USA

⁷ Ralph H. Johnson VA Medical Center, Charleston SC, USA

⁸ Department of Health Sciences and Research and Division of Physical Therapy, Medical University of South Carolina, Charleston SC, USA

⁹ Department of Applied Physiology and Kinesiology, University of Florida, Gainesville FL, USA

Abbreviated title: Descending control of locomotion

Correspondence Address:

Dr. David J. Clark
Brain Rehabilitation Research Center
Malcom Randall VA Medical Center
1601 SW Archer Rd
Gainesville FL 32608
E-mail: davidclark@ufl.edu

Download English Version:

<https://daneshyari.com/en/article/5709456>

Download Persian Version:

<https://daneshyari.com/article/5709456>

[Daneshyari.com](https://daneshyari.com)