

# Accepted Manuscript



Musculoskeletal Effects of Two Functional Electrical Stimulation Cycling Paradigms Conducted at Different Cadences for People with Spinal Cord Injury: a Pilot Study

Therese E. Johnston, PT, PhD, MBA, Ralph J. Marino, MD, MS, Christina V. Oleson, MD, Mary Schmidt-Read, PT, DPT, MS, Benjamin E. Leiby, PhD, Jocelyn Sendeck, MPH, MS, Harshvardhan Singh, PhD, MS, PT, Christopher M. Modlesky, PhD

PII: S0003-9993(15)01483-5

DOI: [10.1016/j.apmr.2015.11.014](https://doi.org/10.1016/j.apmr.2015.11.014)

Reference: YAPMR 56386

To appear in: *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*

Received Date: 6 October 2015

Revised Date: 17 November 2015

Accepted Date: 22 November 2015

Please cite this article as: Johnston TE, Marino RJ, Oleson CV, Schmidt-Read M, Leiby BE, Sendeck J, Singh H, Modlesky CM, Musculoskeletal Effects of Two Functional Electrical Stimulation Cycling Paradigms Conducted at Different Cadences for People with Spinal Cord Injury: a Pilot Study, *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION* (2016), doi: 10.1016/j.apmr.2015.11.014.

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.

Running Head: FES Cycling Paradigms in SCI

Musculoskeletal Effects of Two Functional Electrical Stimulation Cycling Paradigms Conducted at Different Cadences for People with Spinal Cord Injury: a Pilot Study

Therese E. Johnston, PT, PhD, MBA; Department of Physical Therapy, Thomas Jefferson University

Ralph J. Marino, MD, MS; Department of Rehabilitation Medicine, Thomas Jefferson University

Christina V. Oleson, MD; Department of Rehabilitation Medicine, Thomas Jefferson University

Mary Schmidt-Read, PT, DPT, MS; Magee Rehabilitation Hospital

Benjamin E. Leiby, PhD; Division of Biostatistics, Department of Pharmacology and Experimental Therapeutics, Thomas Jefferson University

Jocelyn Sendeki, MPH, MS; Janssen Pharmaceutical Companies of Johnson and Johnson. Ms. Sendeki was affiliated with the Division of Biostatistics, Department of Pharmacology and Experimental Therapeutics, Thomas Jefferson University when this study was performed.

Harshvardhan Singh, PhD, MS, PT; Department of Physical Therapy and Rehabilitation Science, University of Maryland School of Medicine

Download English Version:

<https://daneshyari.com/en/article/6149240>

Download Persian Version:

<https://daneshyari.com/article/6149240>

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