### Accepted Manuscript

Intraspinal microstimulation for respiratory muscle activation

Michael D. Sunshine, Comron N. Ganji, Paul J. Reier, David D. Fuller, Chet T. Moritz

PII: S0014-4886(17)30349-7

DOI: https://doi.org/10.1016/j.expneurol.2017.12.014

Reference: YEXNR 12676

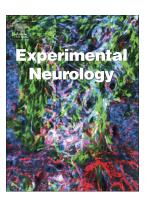
To appear in: Experimental Neurology

Received date: 18 July 2017

Revised date: 20 December 2017 Accepted date: 26 December 2017

Please cite this article as: Michael D. Sunshine, Comron N. Ganji, Paul J. Reier, David D. Fuller, Chet T. Moritz, Intraspinal microstimulation for respiratory muscle activation. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Yexnr(2017), https://doi.org/10.1016/j.expneurol.2017.12.014

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.



## **ACCEPTED MANUSCRIPT**

#### Intraspinal microstimulation for respiratory muscle activation

Michael D. Sunshine (B.S.)<sup>1,2,3</sup>, Comron N. Ganji (B.S.)<sup>1,2</sup>, Paul J. Reier (PhD)<sup>4</sup>, David D. Fuller (PhD)<sup>3,5</sup>, Chet T. Moritz (PhD)<sup>1,2,6,7</sup>

<sup>1</sup>Rehabilitation Medicine, University of Washington, Seattle WA; <sup>2</sup>Center for Sensorimotor Neural Engineering (CSNE), Seattle, WA; <sup>3</sup>Physical Therapy and McKnight Brain Institute, University of Florida, Gainesville, FL; <sup>4</sup>Neuroscience, University of Florida, Gainesville, FL; <sup>5</sup>Center for Respiratory Research and Rehabilitation, University of Florida, Gainesville, FL; <sup>6</sup>Physiology & Biophysics, University of Washington, Seattle WA; <sup>7</sup>University of Washington Institute for Neuroengineering (UWIN), University of Washington, Seattle WA

#### **Corresponding author**

Michael Sunshine

**Affiliation Address** 

Department of Rehabilitation Medicine

University of Washington

Seattle WA 98195

#### Present Address

Graduate Student, Rehabilitation Sciences PhD Program

Department of Physical Therapy

#### Download English Version:

# https://daneshyari.com/en/article/8684682

Download Persian Version:

https://daneshyari.com/article/8684682

<u>Daneshyari.com</u>