

Accepted Manuscript

Handgrip Strength Related to Long-term Electromyography: Application for Assessing Functional Decline in Parkinson's Disease

Gareth R. Jones, PhD, Kaitlyn P. Roland, PhD, Noelannah A. Neubauer, MSc,
Jennifer M. Jakobi, PhD



PII: S0003-9993(16)31225-4

DOI: [10.1016/j.apmr.2016.09.133](https://doi.org/10.1016/j.apmr.2016.09.133)

Reference: YAPMR 56714

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

Received Date: 28 June 2016

Revised Date: 22 September 2016

Accepted Date: 22 September 2016

Please cite this article as: Jones GR, Roland KP, Neubauer NA, Jakobi JM, Handgrip Strength Related to Long-term Electromyography: Application for Assessing Functional Decline in Parkinson's Disease, *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION* (2016), doi: 10.1016/j.apmr.2016.09.133.

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 Title: PHYSICAL FUNCTION AND MUSCLE ACTIVITY

**Handgrip Strength Related to Long-term Electromyography:
Application for Assessing Functional Decline in Parkinson's Disease.**

Gareth R. Jones PhD¹, Kaitlyn P. Roland PhD², Noelannah A. Neubauer MSc³,
Jennifer M. Jakobi PhD¹,

¹ School of Health and Exercise Sciences, University of British Columbia, Kelowna BC

² Centre on Aging, University of Victoria, Victoria BC

³ Department of Occupational Therapy, University of Alberta, Edmonton AB

Corresponding Author: Gareth Jones
School of Health and Exercise Science, Faculty of Health and Social Development,
University of British Columbia
3333 University Way, Kelowna BC, Canada V1V 1V7
Phone: 250 807-8107
Fax: 250-807-9949
E-mail: gareth.jones@ubc.ca

Acknowledgements including sources of support

The authors like to thank the participants for generously donating their time. Kaitlyn P. Roland was supported by a Doctoral Award from the Canadian Institutes of Health Research (CIHR; Neurosciences, Mental Health and Addiction) / Parkinson Society Canada (2010-2012). CIHR had no involvement in the study design, in the collection, analysis and interpretation of data; in the writing of the manuscript; and in the decision to submit the manuscript for publication.

Conflict of Interest

The authors have no conflicts of interest that are directly relevant to the content of this manuscript.

Download English Version:

<https://daneshyari.com/en/article/5677953>

Download Persian Version:

<https://daneshyari.com/article/5677953>

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