

## Accepted Manuscript

Temporal changes in motor variability during prolonged lifting/lowering and the influence of work experience

Alireza Sedighi, Maury A. Nussbaum

PII: S1050-6411(17)30117-7

DOI: <http://dx.doi.org/10.1016/j.jelekin.2017.09.001>

Reference: JJEK 2107

To appear in: *Journal of Electromyography and Kinesiology*

Received Date: 16 March 2017

Revised Date: 9 August 2017

Accepted Date: 8 September 2017



Please cite this article as: A. Sedighi, M.A. Nussbaum, Temporal changes in motor variability during prolonged lifting/lowering and the influence of work experience, *Journal of Electromyography and Kinesiology* (2017), doi: <http://dx.doi.org/10.1016/j.jelekin.2017.09.001>

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.

**Research Article**

Paper submitted to Journal of Electrophysiology and Kinesiology as **ORIGINAL RESEARCH**

**Title:** Temporal changes in motor variability during prolonged lifting/lowering and the influence of work experience

**Authors:** Alireza Sedighi<sup>1</sup>, Maury A. Nussbaum<sup>1,2</sup>

<sup>1</sup> Department of Industrial and Systems Engineering, Virginia Tech, Blacksburg, VA 24061

<sup>2</sup> School of Biomedical Engineering and Sciences, Virginia Tech, Blacksburg, VA 24061

**Keywords:** work-related musculoskeletal disorders; motor control; fatigue; goal equivalent manifold; experienced workers

**Corresponding Author:** Maury A. Nussbaum, Virginia Tech, 250 Durham Hall (0118), Blacksburg, VA 24061, nussbaum@vt.edu

*Conflict of Interest Statement:*

The authors declare no conflict of interest

*Financial Disclosure Statement:*

The authors have not financial relationships with other persons or organizations that might have inappropriately influenced our work presented in this manuscript.

Download English Version:

<https://daneshyari.com/en/article/5709459>

Download Persian Version:

<https://daneshyari.com/article/5709459>

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