Accepted Manuscript

Directional preference of activation of abdominal and paraspinal muscles during position-control tasks in sitting

Martin Eriksson Crommert, Kylie Tucker, Christopher Holford, Alexander Wight, Donna McCook, Paul Hodges

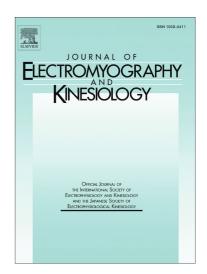
PII: \$1050-6411(17)30128-1

DOI: http://dx.doi.org/10.1016/j.jelekin.2017.05.002

Reference: JJEK 2075

To appear in: Journal of Electromyography and Kinesiology

Received Date: 5 April 2017 Revised Date: 11 May 2017 Accepted Date: 12 May 2017



Please cite this article as: M. Eriksson Crommert, K. Tucker, C. Holford, A. Wight, D. McCook, P. Hodges, Directional preference of activation of abdominal and paraspinal muscles during position-control tasks in sitting, *Journal of Electromyography and Kinesiology* (2017), doi: http://dx.doi.org/10.1016/j.jelekin.2017.05.002

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

Directional preference of activation of abdominal and paraspinal muscles during position-control tasks in sitting

Martin Eriksson Crommert^a, Kylie Tucker^b Christopher Holford^c, Alexander Wight^c, Donna McCook^c, Paul Hodges^c,

- a. University Health Care Research Centre, Faculty of Medicine and Health, Örebro University, Örebro, Sweden
- b. School of Biomedical Sciences, University of Queensland, Brisbane, Australia
- c. School of Health and Rehabilitation Sciences, University of Queensland, Brisbane,
 Australia

Keywords: motor control, electromyography, transversus abdominis, co-activation, antagonist, spine stability

Corresponding author:

Kylie Tucker

School of Biomedical Sciences, University of Queensland,

Brisbane, Qld 4072, Australia

Email: k.tucker1@uq.edu.au

The authors declare no conflict of interest and confirm that there has been no significant financial support that could have influenced the outcome of the study.

Download English Version:

https://daneshyari.com/en/article/5709505

Download Persian Version:

https://daneshyari.com/article/5709505

<u>Daneshyari.com</u>