## Accepted Manuscript

#### Research report

Influence of dual-tasking with different levels of attention diversion on characteristics of the movement-related cortical potential

Susan Aliakbaryhosseinabadi, Ernest Nlandu Kamavuako, Ning Jiang, Dario Farina, Natalie Mrachacz-Kersting

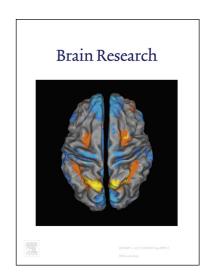
PII: S0006-8993(17)30352-9

DOI: http://dx.doi.org/10.1016/j.brainres.2017.08.016

Reference: BRES 45458

To appear in: Brain Research

Received Date: 19 March 2017 Revised Date: 11 August 2017 Accepted Date: 12 August 2017



Please cite this article as: S. Aliakbaryhosseinabadi, E.N. Kamavuako, N. Jiang, D. Farina, N. Mrachacz-Kersting, Influence of dual-tasking with different levels of attention diversion on characteristics of the movement-related cortical potential, *Brain Research* (2017), doi: http://dx.doi.org/10.1016/j.brainres.2017.08.016

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**

Influence of dual-tasking with different levels of attention diversion on characteristics of the movement-related cortical potential

Susan Aliakbaryhosseinabadi<sup>a</sup>, Ernest Nlandu Kamavuako<sup>a</sup>, Ning Jiang<sup>b</sup>, Dario Farina<sup>c</sup> and Natalie Mrachacz-Kersting<sup>a</sup>

<sup>a</sup> Center for Sensory-Motor Interaction (SMI), Department of Health Science and Technology, Aalborg University, Aalborg, Denmark

<sup>b</sup>Department of Systems Design Engineering, University of Waterloo, Waterloo, Canada

<sup>c</sup>Department of Bioengineering, Imperial College London, SW7 2AZ London, UK

\*Corresponding author:

Natalie Mrachacz-Kersting

Center for Sensory-Motor Interaction (SMI)

Department of Health Science and Technology

**Aalborg University** 

Fredrik Bajers Vej 7 D3

9220 Aalborg Ø

Denmark

Phone: 0045 9940 7571

Email: nm@hst.aau.dk

#### Download English Version:

# https://daneshyari.com/en/article/5736482

Download Persian Version:

https://daneshyari.com/article/5736482

<u>Daneshyari.com</u>