

## Accepted Manuscript

Evidence for Acute Electrophysiological and Cognitive Changes Following Routine Soccer Heading

Thomas G. Di Virgilio, Angus Hunter PhD, Lindsay Wilson PhD, William Stewart MD, Stuart Goodall PhD, Glyn Howatson PhD, David I. Donaldson PhD, Magdalena Ietswaart PhD



PII: S2352-3964(16)30490-X  
DOI: doi:[10.1016/j.ebiom.2016.10.029](https://doi.org/10.1016/j.ebiom.2016.10.029)  
Reference: EBIOM 835

To appear in: *EBioMedicine*

Received date: 14 September 2016  
Revised date: 18 October 2016  
Accepted date: 18 October 2016

Please cite this article as: Di Virgilio, Thomas G., Hunter, Angus, Wilson, Lindsay, Stewart, William, Goodall, Stuart, Howatson, Glyn, Donaldson, David I., Ietswaart, Magdalena, Evidence for Acute Electrophysiological and Cognitive Changes Following Routine Soccer Heading, *EBioMedicine* (2016), doi:[10.1016/j.ebiom.2016.10.029](https://doi.org/10.1016/j.ebiom.2016.10.029)

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.

**Evidence for acute electrophysiological and cognitive changes following routine soccer heading.**

Thomas G. Di Virgilio<sup>1</sup>, Angus Hunter, PhD<sup>1</sup>, Lindsay Wilson, PhD<sup>2</sup>, William Stewart, MD<sup>3</sup>, Stuart Goodall, PhD<sup>4</sup>, Glyn Howatson, PhD<sup>4</sup>, David I. Donaldson, PhD<sup>2</sup>, Magdalena Ietswaart, PhD<sup>2</sup>

<sup>1</sup>Health and Exercise Sciences Research Group, University of Stirling, Scotland UK

<sup>2</sup>Psychology, University of Stirling, Scotland UK

<sup>3</sup>Department of Neuropathology, Queen Elizabeth University Hospital, Glasgow and Institute of Neuroscience and Psychology, University of Glasgow, Scotland UK

<sup>4</sup>Faculty of Health and Life Sciences, Northumbria University, Newcastle upon Tyne, UK

**Corresponding author:** Magdalena Ietswaart

Department of Psychology,

University of Stirling

Stirling, FK9 4LA

United Kingdom

Email: [magdalena.ietswaart@stir.ac.uk](mailto:magdalena.ietswaart@stir.ac.uk)

Phone: + 44 (0) 7711001106

Twitter: @m\_ietswaart & @WillStewNeuro

Download English Version:

<https://daneshyari.com/en/article/8438926>

Download Persian Version:

<https://daneshyari.com/article/8438926>

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