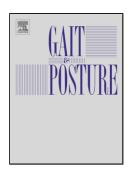
Accepted Manuscript

Title: Over-focused? The relation between patients' inclination for conscious control and single- and dual-task motor performance after stroke



Authors: R.P.M. Denneman, E.C. Kal, H. Houdijk, J.van der Kamp

PII:	S0966-6362(18)30140-1
DOI:	https://doi.org/10.1016/j.gaitpost.2018.03.008
Reference:	GAIPOS 5989
To appear in:	Gait & Posture
Received date:	17-9-2017
Revised date:	14-2-2018
Accepted date:	4-3-2018

Please cite this article as: Denneman RPM, Kal EC, Houdijk H, Kamp J.van der.Over-focused? The relation between patients' inclination for conscious control and single- and dual-task motor performance after stroke.*Gait and Posture* https://doi.org/10.1016/j.gaitpost.2018.03.008

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

Over-focused?

The relation between patients' inclination for conscious control and single- and dual-task motor performance after stroke

R.P.M. Denneman, MSc, PT;^{1,2,3*#} E.C. Kal, MSc;^{2,4#} H. Houdijk, PhD;^{2,4} J. van der Kamp, PhD⁴

- 1. Physical Therapy Sciences, program in Clinical Health Sciences, University Medical Center Utrecht, Utrecht, The Netherlands
- 2. Research & Development, Heliomare Rehabilitation Centre, Wijk aan Zee, The Netherlands
- 3. Department of Physical Therapy, Northwest Clinics, Alkmaar, The Netherlands
- **4.** Department of Human Movement Sciences, Faculty of Behavioural and Movement Sciences, Vrije Universiteit, Amsterdam, The Netherlands

* Corresponding author at: Research & Development, Heliomare Rehabilitation Centre, Relweg 51, 1949 EC Wijk aan Zee, The Netherlands, Tel.: +31889208148. *E-mail address:* <u>rosaliedenneman@gmail.com</u>

[#]Both authors contributed equally to the paper

HIGHLIGHTS

- Stroke patients are inclined to consciously control their movements
- This inclination slows down gait in dual- but not single-task conditions
- Conscious control inclinations can influence dual-task performance post-stroke

Download English Version:

https://daneshyari.com/en/article/8798514

Download Persian Version:

https://daneshyari.com/article/8798514

Daneshyari.com