### **Accepted Manuscript**

Relations between brain alterations and clinical pain measures in chronic musculoskeletal pain: A systematic review

Iris Coppieters, MSc, Mira Meeus, PhD, Jeroen Kregel, MSc, Karen Caeyenberghs, PhD, Robby De Pauw, MSc, Dorien Goubert, MSc, Barbara Cagnie, PhD

PII: \$1526-5900(16)30071-2

DOI: 10.1016/j.jpain.2016.04.005

Reference: YJPAI 3260

To appear in: Journal of Pain

Received Date: 8 January 2016
Revised Date: 11 April 2016
Accepted Date: 18 April 2016

Please cite this article as: Coppieters I, Meeus M, Kregel J, Caeyenberghs K, De Pauw R, Goubert D, Cagnie B, Relations between brain alterations and clinical pain measures in chronic musculoskeletal pain: A systematic review, *Journal of Pain* (2016), doi: 10.1016/j.jpain.2016.04.005.

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

# Relations between brain alterations and clinical pain measures in chronic

musculoskeletal pain: A systematic review

Coppieters Iris, MSc<sup>1,2</sup>; Meeus Mira, PhD<sup>1,2,3</sup>; Kregel Jeroen, MSc<sup>1,2,4</sup>; Caeyenberghs Karen, PhD<sup>1,5</sup>; De Pauw Robby, MSc<sup>1</sup>; Goubert Dorien, MSc<sup>1,2</sup>; Cagnie Barbara, PhD<sup>1</sup>

<sup>1</sup>Department of Rehabilitation Sciences and Physiotherapy, Faculty of Medicine and Health Sciences, Ghent University, Belgium; <sup>2</sup>Pain in Motion international research group, <u>www.paininmotion.be</u>; <sup>3</sup>Department of Rehabilitation Sciences and Physiotherapy, Faculty of Medicine and Health Sciences, University of Antwerp, Belgium; <sup>4</sup>Departments of Human Physiology and Physiotherapy, Vrije Universiteit Brussel, Faculty of Physical Education & Physiotherapy, Medical Campus Jette, Building F-Kine, Laarbeeklaan 103, Brussels 1090, Belgium; <sup>5</sup>School of Psychology, Faculty of Health Sciences, Australian Catholic University, Australia

Number of text pages of the entire manuscript: 19

Number of figures: 1

Number of tables: 6

Corresponding author: drs. Iris Coppieters, iris.coppieters@ugent.be, 0497 92 90 32

#### **Disclosures**

Iris Coppieters and Dorien Goubert, PhD students at University Ghent, are funded by the Special Research Fund of Ghent University (BOF-Ghent).

Jeroen Kregel, PhD student at University Ghent, is funded by the agency for innovation by Science and Technology in Flanders (IWT-Brussels, Belgium).

The authors declare that no conflicts of interest exist.

#### Download English Version:

## https://daneshyari.com/en/article/5578037

Download Persian Version:

https://daneshyari.com/article/5578037

<u>Daneshyari.com</u>