Accepted Manuscript

Pain characteristics as important contribution factors to upper limb dysfunctions in breast cancer survivors at long term

An De Groef, Mira Meeus, Tessa De Vrieze, Lore Vos, Marijke Van Kampen, Marie-Rose Christiaens, Patrick Neven, Inge Geraerts, Nele Devoogdt

Musculoskeletal Science & Practice

Name of the Control of the Con

PII: S2468-7812(17)30056-5

DOI: 10.1016/j.msksp.2017.03.005

Reference: MSKSP 63

To appear in: Musculoskeletal Science and Practice

Received Date: 19 December 2016
Revised Date: 10 February 2017
Accepted Date: 11 March 2017

Please cite this article as: De Groef, A., Meeus, M., De Vrieze, T., Vos, L., Van Kampen, M., Christiaens, M.-R., Neven, P., Geraerts, I., Devoogdt, N., Pain characteristics as important contribution factors to upper limb dysfunctions in breast cancer survivors at long term, *Musculoskeletal Science and Practice* (2017), doi: 10.1016/j.msksp.2017.03.005.

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

Pain characteristics as important contribution factors to upper limb dysfunctions in

breast cancer survivors at long term

An De Groef¹, Mira Meeus², Tessa De Vrieze¹, Lore Vos¹, Marijke Van Kampen¹, Marie-Rose

Christiaens^{3,4}, Patrick Neven^{3,5}, Inge Geraerts¹, Nele Devoogdt¹

¹KU Leuven – University of Leuven, Department of Rehabilitation Sciences and University

Hospitals Leuven, Department of Physical Medicine and Rehabilitation, Belgium

²Univeristy of Antwerp, Faculty of medicine and health sciences, Department of

Rehabilitation Sciences and Physiotherapy, Antwerp, Belgium

³Multidisciplinary Breast Centre, University Hospitals Leuven, Leuven, Belgium

⁴KU Leuven – University of Leuven, Oncology Department, Department of Surgical Oncology

⁵Department of Obstetrics and Gynaecology, University Hospitals Leuven, Leuven, Belgium

For correspondence contact:

An De Groef, Physical Therapist, PhD Student

University Hospitals Leuven

Department of Physical Medicine and Rehabilitation

Herestraat 49

3000 Leuven

Tel.: +32 16 342171

Email: an.degroef@faber.kuleuven.be

Acknowledgements

We thank Elies Clabau and Roxane Van Hemelrijck for measuring the patients. We thank all

patients who took part in this study. This study was funded by the agency for Innovation by

Science and Technology (Applied Biomedical Research) (IWT 110703).

Ethical approval statement

Download English Version:

https://daneshyari.com/en/article/8924565

Download Persian Version:

https://daneshyari.com/article/8924565

<u>Daneshyari.com</u>