

## NEWSLETTER (FEBRUARY 2020)

### Journal of Rehabilitation Medicine Articles published in February 2020

#### *Editors' Choice of this month:*

#### **Fear of movement in patients attending cardiac rehabilitation: A validation study**

*Paul Keessen, Iris den Uijl, Bart Visser, Hendrika van den Berg-Emons, Corine H.M. Latour, Madoka Sunamura, Harald T. Jorstad, Gerben ter Riet, Wilma J. M. Scholte op Reimer, Roderik A. Kraaijenhagen, Nienke ter Hoeve*



Paul Keessen

*Comments by the authors:* Although cardiac rehabilitation (CR) has many health benefits, a large number of patients avoid CR or participate to a lesser extent. There are indications that this might be due to fear of movement (kinesiophobia). We therefore wanted to validate a measurement tool to investigate kinesiophobia and describe the prevalence of kinesiophobia at the start of CR. We feel this paper is very important because it shows that a valid tool for kinesiophobia is available and that many patients with various cardiac conditions suffer from kinesiophobia. In the future we aim to develop treatment strategies for patients with kinesiophobia. [Read more](#)

#### *Further highlights of this month:*

Repetitive transcranial magnetic stimulation for management of post-stroke impairments: An overview of systematic reviews. [Read more](#)

*Woo-Jin Kim, Charlotte Rosselin, Bhasker Amatya, Pouya Hafezi, Fary Khan*

AbobotulinumtoxinA and rehabilitation vs rehabilitation alone in post-stroke spasticity: A cost-utility analysis. [Read more](#)

*Carlo Lazzaro, Alessio Baricich, Alessandro Picelli, Patrizia Maria Caglioni, Marco Ratti, Andrea Santamato*

Efficacy of myoelectric bracing in moderately impaired stroke survivors: A randomized, controlled trial.

[Read more](#)

*Stephen Page, Christine Griffin, Susan White*

The nature stroke study; NASTRU: A randomized controlled trial of nature-based post-stroke fatigue rehabilitation. [Read more](#)

*Anna María Pálsdóttir, Kjerstin Stigmar, Bo Norrving, Ingemar F. Petersson, Mikael Åström, Hélène Pesah-Rasmussen*

*Editors' Choice of this month:*

*Analgesia by sacral surface electrical stimulation for primary dysmenorrhoea*

*Mieko Yokozuka, Mayumi Nagai, Rieko Katsura, Kayoko Kenmyo*



*Comments by the authors:* Lower abdominal or pelvic pain of primary dysmenorrhoea often lasts for 8–72 h, and is usually associated with the onset of menstrual flow. We evaluated the effects of analgesia by sacral surface electrical stimulation on lower abdominal pain in women with primary dysmenorrhoea. Electrodes were placed on the skin over the lower spinal region, and stimulation was performed for 15 min at a frequency of 5 Hz. Visual analogue scale and degree of pain decreased significantly immediately after sacral surface electrical stimulation. Further research is required for comparison with drug therapy, and to assess its impact on drug dosage.

## All articles published this month:

*The effectiveness of a novel sleep clinical pathway in an inpatient musculoskeletal rehabilitation cohort: A pilot randomized controlled trial*

*Jason Hsu, Kirk Kee, Andrew Perkins, Alex Gorelik, Jeremy Goldin, Louisa Ng*

*Analgesia by sacral surface electrical stimulation for primary dysmenorrhoea*

*Mieko Yokozuka, Mayumi Nagai, Rieko Katsura, Kayoko Kenmyo*

*Serial analysis of cardiopulmonary fitness and echocardiography in patients with Fabry disease undergoing enzyme replacement therapy*

*Sheng-Hui Tuan, Pao-Chin Chiu, I-hsiu Liou, Wen-Hsien Lu, Hung-Ya Huang, Shin-Yi Wu, Guan-bo Chen, Ko-Long Lin*

*Is intervention to prevent falls necessary in prior polio patients?*

*Katarina Skough Vreede, Lisbet Broman, Kristian Borg*

## Total number of pdf downloads of published articles in JRM and JRM-CC

During 2019: **847 957** times

Jan–Feb 2020: **169 588** times

### Downloads of the months (3 most downloaded papers published during the last two months):

<i>Title and authors</i>	<i>Downloads</i>
<b>1. <a href="#">Burnout among specialists and trainees in Physical Medicine and Rehabilitation: A systematic review</a> Emma A. Bateman, Ricardo Viana</b>	<b>487</b>
<b>2. <a href="#">Does casting after botulinum toxin injection improve outcomes in adults with limb spasticity? A systematic review</a> Jordan Farag, Rajiv Reebye, Carl Ganzert, Patricia Mills</b>	<b>402</b>
<b>3. <a href="#">Effects of pulsed electromagnetic field therapy on pain, stiffness and physical function in patients with knee osteoarthritis: A systematic review and meta-analysis of randomized controlled trials</a> Li Chen, Xin Duan, Fei Xing, Guoming Liu, Min Gong, Lang Li, Ran Chen, Zhou Xiang</b>	<b>374</b>

### Top citations (3 most cited papers published during 2018–2020 - the top one for each year):

<i>Year</i>	<i>Title and authors</i>	<i>Citations</i>
2017	<a href="#">Effectiveness and safety of transcranial direct current stimulation in fibromyalgia: A systematic review and meta-analysis</a> Chang-e Zhu, Bo Yu, Wen Zhang, Wen-hua Chen, Qi Qi, Yun Miao	22
2018	<a href="#">Rehabilitation: The health strategy of the 21st century</a> Gerold Stucki, Jerome Bickenbach, Christoph Gutenbrunner, John Melvin	28
2019	<a href="#">Factors associated with persistent post-concussion symptoms following mild traumatic brain injury in adults</a> Jennifer Ponsford, Sylvia Nguyen, Marina Downing, Marije Bosch, Joanne N. McKenzie, Simon Turner, Marisa Chau, Duncan Mortimer, Russell L. Gruen, Jonathan Knott, Sally Green	6

**11<sup>th</sup> WORLD CONGRESS FOR NEUROREHABILITATION**

*jointly with*

**WFNR**  
World Federation for NeuroRehabilitation

**SOFMER**

**35<sup>th</sup> CONGRESS OF THE FRENCH SOCIETY** of Physical and Rehabilitation Medicine | 7–10 October 2020 | Lyon, France

