

## NEWSLETTER (May 2021)

### Journal of Rehabilitation Medicine

Articles published in May 2021

*Editors' Choice of the month, JRM:*

[Relationship between gait profile score and clinical assessments of gait in post-stroke patients](#)

*Matteo Bigoni, Veronica Cimolin, Luca Vismara, Andrea G. Tarantino, Daniela Clerici, Silvia Baudo, Manuela Galli, Alessandro Mauro*



Matteo Bigoni

*Comments by the authors:* Writing this article brought us to the idea that is possible to switch from a descriptive investigation of the rehabilitative process, to a more attractive understanding of the mechanisms that link stroke disability to the residual motor performance and compensatory strategies. The used synthetical indexes (like GPS) give not only a detection of gait abnormalities but, in correlation with clinical scale, identifies the issues of post-stroke balance and gait disorder. This is not only a matter of weakness (especially in the chronic phase), but a mixture of trunk control and selective limb joints control, helping to a better rehabilitation design.... [Read more](#)

### Further highlights of this month in JRM:

Feasibility and reliability of a web-based smartphone application for joint position measurement [Read more](#)

*Bharadwaj Ravi, Manak Kapoor, Darren Player*

Effects of orthopedic insoles on patients with knee osteoarthritis: A meta-analysis and systematic review

[Read more](#)

*Long Yu, Yanmin Wang, Jianzhong Yang, Jie Wang, Ying Zhang*

New taxonomy for prolonged disorders of consciousness may help with decisions on withdrawal of clinically assisted nutrition and hydration: A proposed decision-making pathway [Read more](#)

*Liliana da Conceição Teixeira, Nuno Rocha, Rui Nunes*

Management of gait impairments in people with Charcot-Marie-Tooth disease: A treatment algorithm

[Read more](#)

*Jorik Nonnekes, Cheriël Hofstad, Annemieke de Greef-Rotteveel, Heleen van der Wielen, Janke H. van Gelder, Christian Plaats, Viola Altmann, Fabian Krause, Noël Keijsers, Alexander Geurts, Jan Willem K. Louwerens*

## The 2019 impact factor: 2.046

Among the Open Access journals JRM is #2!

*Editors' Choice of the month, JRM-CC:*

[A multidisciplinary approach to optimizing long-term functional prognosis of a girl with quadriceps fibrosis](#)

Jessica Luthringer, Marc Garetier, Mathieu Lempereur, Laetitia Houx, Valérie Burdin, Juliette Ropars, Douraied Bensalem, Camille Printemps, Sylvain Brochard, Christelle Pons



Jessica Luthringer

*Comments by the authors:* We feel this paper is very important due to the fact that the proper management, impact and progression of pediatric quadriceps fibrosis throughout growth remains poorly understood. It is the first paper describing the modifications in terms of strength, muscle volume and quality of gait. In our case, early and long term rehabilitative management (orthoses and physiotherapy) associated with appropriate surgery resulted in an excellent prognosis... [Read More](#)

### Further highlights in JRM-CC:

Electroacupuncture for alleviation of phantom limb pain [Read more](#)

Holly King, Max Forrester

Patient reported outcome of silversplints used for osteoarthritis of the hand [Read more](#)

Nienke Roux, Wouter Akkerman, Marco Toor, Jan Willem van der Windt

Improved gait capacity after bilateral Achilles tendon lengthening for irreducible pes equinus due to hereditary spastic paraplegia: A case report [Read more](#)

Jorik Nonnekens, Noël Keijsers, Angelique Witteveen, Alexander Geurts

Practical and clinical approaches using pacing to improve self-regulation in special populations such as children and people with mental health or learning disabilities [Read more](#)

Andrew M Edwards, Ulric S. Abonie, Florentina J. Hettinga, David B. Pyne, Tomasina M. Oh, Remco C. J. Polman

All published articles in JRM-CC from 2018 to date are now included in full text on PubMed Central (PMC) via this [link](#) and searchable via PubMed.

### Top Downloads of the month (3 most viewed papers published during Feb 2021–May 2021):

*Title and authors*

1. [Effect of neuromuscular electrical stimulation on the recovery of people with COVID-19 admitted to the intensive care unit: A narrative review](#)

Louise C. Burgess, Lalitha Venugopalan, James Badger, Tamsyn Street, Gad Alon, Jonathan C. Jarvis, Thomas W. Wainwright, Tamara Everington, Paul Taylor, Ian D. Swain

2. [Longitudinal goal attainment with integrated upper limb spasticity management including repeat injections of botulinum toxin A: Findings from the prospective, observational Upper Limb International Spasticity \(ULIS-III\) cohort study](#)

Lynne Turner-Stokes, Jorge Jacinto, Klemens Fheodoroff, Allison Brashear, Pascal Maisonobe, Andreas Lysandropoulos, Stephen Ashford

3. [Effectiveness of specialized rehabilitation after mild traumatic brain injury: A systematic review and meta-analysis](#)

Marika C. Möller, Jan Lexell, Karin Wilbe Ramsay

**Top cited article per publication year, 2018–2020:**

<i>Year</i>	<i>Title and authors</i>	<i>Citations</i>
2018	<a href="#">Rehabilitation: The health strategy of the 21st century</a> Gerold Stucki, Jerome Bickenbach, Christoph Gutenbrunner, John Melvin	49
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	26
2020	<a href="#">Covid-19 and Post Intensive Care Syndrome: A Call for Action</a> Henk J. Stam, Gerold Stucki, Jerome Bickenbach	55