

NEWSLETTER (June 2021)

Journal of Rehabilitation Medicine

Articles published in June 2021

Editors' Choice of the month, JRM:

[Diagnosing sarcopenia: Functional perspectives and a new algorithm from the ISarcoPRM](#)

Murat Kara, Bayram Kaymak, Walter Frontera, Ayşe Merve Ata, Vincenzo Ricci, Timur Ekiz, Ke-Vin Chang, Der-Sheng Han, Xanthi Michail, Michael Quittan, Jae-Young Lim, Jonathan F. Bean, Franco Franchignoni, Levent Özçakar



Murat Kara

Comments by the authors: The aim of this paper is to develop a novel diagnostic algorithm from ISarcoPRM (a special interest group of ISPRM). The differences between this algorithm and the others are; special attention is paid to renin-angiotensin system-related disorders at the case finding stage, international classification of functioning model is incorporated, the regional loss of anterior thigh muscle mass/function (the most commonly/initially affected condition) is underscored, and ultrasound is used for the first time to measure the anterior thigh muscle mass. Just to note that this is the first-ever consensus algorithm of musculoskeletal physicians on the diagnosis of sarcopenia in older adults.[Read more](#) and watch [this video](#) for a brief summary of the main findings

Further highlights of this month in JRM:

Societal burden of stroke rehabilitation: Costs and health outcomes after admission to stroke rehabilitation
[Read more](#)

Winke van Meijeren-Pont, Sietske J. Tamminga, Paulien H. Goossens, Iris F. Groeneveld, Henk Arwert, Jorit J.L. Meesters, Radha Rambaran Mishre, Thea P.M. Vliet Vlieland, Wilbert B. van den Hout

Applicability of evidence from randomized controlled trials and systematic reviews to clinical practice:
A conceptual review [Read more](#)

Antti Malmivaara

Factors associated with met and unmet rehabilitation needs after stroke: A multicentre cohort study in Denmark and Norway [Read more](#)

Guri Heiberg, Cecilie Røe, Oddgeir Friborg, Synne Garder Pedersen, Henrietta Holm Stabel, Jørgen Feldbæk Nielsen, Audny Anke

Post-intensive care syndrome following cardiothoracic critical care: Feasibility of a complex intervention
[Read more](#)

Philip Henderson, Tara Quasim, Annette Asher, Lucy Campbell, Malcolm Daniel, Lisa Davey, Helen Devine, Martyn Gall, Pamela Mactavish, Karen Mcgroarty, Fiona Nolan, Colin Purdie, Isma Quasim, John Sharp, Martin Shaw, Theodore J. Iwashyna, Joanne McPeake

All articles published in June 2021 in Journal of Rehabilitation Medicine are available [here](#).

**JRM is proud to announce its new and increased 2020 impact factor
2 year IF: 2.912; 5 year IF: 3.009**

Please check out the new JRM website at <https://medicaljournalssweden.se/jrm>, where you can also submit your new manuscripts (please note that revisions and submissions to JRM-CC are still dealt with through the previous website and publication system on <https://medicaljournals.se/jrm/>)

Editors' Choice of the month, JRM-CC:

[Benefit and safety of incobotulinumtoxinA for early management of post-stroke spasticity in a patient with SARS-CoV-2: A case report](#)

Carlos Cordero-García, María del Mar Sáenz de Tejada Sánchez



Carlos Cordero-García

Comments by the authors: The main objective of this article is to highlight the importance of finding strategies that allow us an early and successful management of post-stroke spasticity, injecting botulinum toxin type A in a stable patient hospitalized for SARS-CoV-2. Despite the problems in national healthcare systems due to the COVID-19 pandemic, strong efforts should be made to avoid the discontinuation of treatment in these profiles of patients..... [Read more](#)

Further highlights in JRM-CC:

Role of nursing in rehabilitation [Read more](#)

Christoph Gutenbrunner, Alessandro Stievano, David Stewart, Howard Catton, Boya Nugraha

The muscle shortening manoeuvre: Applicability and preliminary evaluation in children with hemiplegic cerebral palsy: A retrospective analysis [Read more](#)

Diego Longo, Marco Lombardi, Paolo Lippi, Daniela Melchiorre, Maria Angela Bagni, Francesco Ferrarello

All published articles in JRM-CC from 2018 to date are 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 Mar 2021–Jun 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. [Diagnosing sarcopenia: Functional perspectives and a new algorithm from the ISarcoPRM](#)

Murat Kara, Bayram Kaymak, Walter Frontera, Ayşe Merve Ata, Vincenzo Ricci, Timur Ekiz, Ke-Vin Chang, Der-Sheng Han, Xanthi Michail, Michael Quittan, Jae-Young Lim, Jonathan F. Bean, Franco Franchignoni, Levent Özçakar

3. [Assessment of rehabilitation needs in patients after COVID-19: Development of the COVID-19-rehabilitation needs survey](#)

Christina Lemhöfer, Christoph Gutenbrunner, Jörg Schiller, Dana Loudovici-Krug, Norman Best, Andrea Bökel, Christian Sturm

Top cited article per publication year, 2018–2020:

<i>Year</i>	<i>Title and authors</i>	<i>Citations</i>
2018	Rehabilitation: The health strategy of the 21st century Gerold Stucki, Jerome Bickenbach, Christoph Gutenbrunner, John Melvin	51
2019	Factors associated with persistent post-concussion symptoms following mild traumatic brain injury in adults 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	Long-term clinical outcomes in survivors of severe acute respiratory syndrome (SARS) and middle east respiratory syndrome (MERS) coronavirus outbreaks after hospitalisation or ICU admission: A systematic review and meta-analysis Hassaan Ahmed, Kajal Patel, Darren C. Greenwood, Stephen Halpin, Penny Lewthwaite, Abayomi Salawu, Lorna Eyre, Andrew Breen, Rory O'Connor, Anthony Jones, Manoj Sivan	75