

NEWSLETTER (JANUARY 2020)

Articles published in January 2020 in Journal of Rehabilitation Medicine:

Editors' Choice of this month:

Sex differences in the effects of exercise on cognition post-stroke: Secondary analysis of a randomized controlled trial

Shereen Khattab, Janice J. Eng, Teresa Liu-Ambrose, Julie Richardson, Joy MacDermid, Ada Tang



Ada Tang

Comments by the authors: Approximately 70% of people with stroke experience impaired cognition. Exercise improves cognition in older women more so than men, but whether these sex-based differences are present in people living with stroke was not known. In this study, we report that women with stroke who participated in an aerobic exercise program demonstrated greater improvement in executive function compared to women who participated in a low-intensity balance and flexibility program. No effect was observed in men. This study is the first to suggest that women with stroke may improve in cognition with exercise more than men, but more research is needed. [Read more](#)

Further highlights of this month:

Biomarkers for heterotopic ossification secondary to traumatic brain injuries. [Read more](#)

Min Hongwei, Qu Tiebing, Li Zhiguo, Liu Kemin

Casting after botulinum toxin injection for spasticity. [Read more](#)

Jordan Farag, Rajiv Reebye, Carl Ganzert, Patricia Mills

Early attention process training after acquired brain injury. [Read more](#)

Gabriela Markovic, Marie-Louise Schult, Mattias Elg, Aniko Bartfai

Video game training for hand and arm function in people with cerebral palsy. [Read more](#)

Truls Johansen, Vegard Strøm, Jelena Simic, Per-Ola Rike

Articles published 2019 in Journal of Rehabilitation Medicine – Clinical Communications:

[E-survey of current international physiotherapy practice for children with ataxia following surgical resection of posterior fossa tumour](#)

Helen Hartley, Bernie Carter, Lisa Bunn, Barry Pizer, Steven Lane, Ram Kumar, Elizabeth Cassidy

[Retrospective analysis of functional and tracheostomy \(decannulation\) outcomes in patients with brain injury in a hyper-acute rehabilitation unit](#)

Lin Cheng, Kay Mitton, Krystyna Walton, Manoj Sivan

[Prosthesis to enable a patient with above-elbow amputation to resume hunting](#)

Laurent Théfenne, Bénédicte Guérin, Arnaud Jouvion, Hélène Bisseriex, Bertrand Touré, Janyce Cantu, Thomas Trappier, Maxime Obrecht, Gratiane De Brier

Successful treatment of Stiff Person Syndrome with intrathecal baclofen

Saul Geffen, Nick Chiang

Dysarthria consequent to cervical spinal cord injury and recurrent laryngeal nerve damage: A case report

Bijoyaa Mohapatra, Nachiekta Rout

Feasibility of whole body vibration therapy in individuals with dystonic or spastic dystonic cerebral palsy: A pilot study

Tamis W. Pin , Penelope B. Butler, Sheila Purves , Nathan Chi-Kwong Poon

Identifying sub-acute rehabilitation needs among individuals after transient ischaemic attack using rehab-compass as a simple screening tool in the outpatient clinic

Gustaf Maggaard, Britt-Marie Stålnacke, Ann Sörlin, Fredrik Öhberg, Stina Berggren, Emma Grollmuss, Xiaolei Hu

Sacral insufficiency fracture in patients with spinal cord injury: A report of 2 unusual cases and Review of literature

Kappaganthu Venkatesh Prasanna, Nijanth M. Raj, Siddeshwar Patil

Biopsychosocial rehabilitation treatment Exposure in Vivo for patients with painful diabetic neuropathy: Development of a treatment protocol

Charlotte C.M. van Laake-Geelen , Rob J.E.M. Smeets, Thijs van Meulenbroek, Marlies den Hollander, Marielle E.J.B. Goossens, Jeanine A. Verbunt

Preoperative physical therapy results in shorter length of stay and discharge disposition following total knee arthroplasty: A retrospective study

Sheldon R. Garrison, Kelly Schenider, Maharaj Singh, Jennifer Pogodzinski

Sense of control: Patients experiences of multimodel pain rehabilitation and its impact in their everyday lives

Anke Samulowitz, Pia Nordström, Malin Wiklund, Nenad Stankovic, Gunnel Hensing

Chronic kidney disease is associated with physical impairment

Hideaki Ishikawa, Takashi Hibino, Yoshifumi Moriyama

Effect of trunk muscle strengthening on gait pattern and falls in Parkinson's disease

Emma Bestaven, Etienne Guillaud, Mathieu De Sèze, Aupy Jerome, Pierre Burbaud, Jean-René Cazalets, Dominique Guehl

Optimizing cardiac rehabilitation

Nienke ter Hoeve

Total number of pdf downloads of published articles in JRM during 2019: 847 957 times!

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

<i>Title and authors</i>	<i>Downloads</i>
1. Burnout among specialists and trainees in Physical Medicine and Rehabilitation: A systematic review Emma A. Bateman, Ricardo Viana	391
2. Does casting after botulinum toxin injection improve outcomes in adults with limb spasticity? A systematic review Jordan Farag, Rajiv Reebye, Carl Ganzert, Patricia Mills	302
3. 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 Li Chen, Xin Duan, Fei Xing, Guoming Liu, Min Gong, Lang Li, Ran Chen, Zhou Xiang	281

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

Year	Title and authors	Citations
2017	Effectiveness and safety of transcranial direct current stimulation in fibromyalgia: A systematic review and meta-analysis Chang-e Zhu, Bo Yu, Wen Zhang, Wen-hua Chen, Qi Qi, Yun Miao	21
2018	Rehabilitation: The health strategy of the 21st century Gerold Stucki, Jerome Bickenbach, Christoph Gutenbrunner, John Melvin	24
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	6

50 years **JRM** 1969–2019

50 year anniversary of JRM

Journal of Rehabilitation Medicine (JRM) was started in 1969 as Scandinavian Journal of Rehabilitation Medicine (SJRM) by professor Olle Höök. The 50-year anniversary was held as a plenary session at the 6th conference of the Baltic and North Sea Forum on Physical and Rehabilitation Medicine in Oslo Norway in October 2019. The session was chaired by Professor Katharina Stibrant-Sunnerhagen, of the board of the Foundation of Rehabilitation Information, the owner of JRM, and Professor Kristian Borg, one of the Editors-in-Chief of JRM. The program comprised the Olle Höök lecture by Professor Stibrant-Sunnerhagen on the subject “State of the art of stroke rehabilitation”. Professor Unni Sveen from Oslo University presented on past and future of multidisciplinary assessments in physical and rehabilitation medicine. Professor Gunnar Grimby, former Editor-in-Chief of JRM for many years presented an historial overview and the development of the journal from SJRM to JRM of today. The session ended with a presentation by Professor Henk Stam, the other Editor-in-Chief of JRM, gave us a glance on the future of scientific articles in a rather tough environment.



Katharina S. Sunnerhagen



Gunnar Grimby



Kristian Borg



Henk Stam