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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Title and authors</th>
<th>Citations</th>
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<tbody>
<tr>
<td>2017</td>
<td>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</td>
<td>21</td>
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<tr>
<td>2018</td>
<td>Rehabilitation: The health strategy of the 21st century Gerold Stucki, Jerome Bickenbach, Christoph Gutenbrunner, John Melvin</td>
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**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, chairperson of the owner of JRM, the Foundation of Rehabilitation Information 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 historical 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, who let us have a glance on the future of scientific articles in a rather tough environment.