

Research in Review

Dear Members,

We are pleased to bring to you the November 2020 issue of **Research in Review** highlighting research articles relevant to neurologic physical therapy over the past months. We hope that you enjoy perusing through the collection of articles we selected for this edition. In the midst of the ongoing Covid-19 pandemic, our team hopes you are all doing well and staying safe!

We choose recently published articles that are available through a link on PubMed or directly through the link on the Research in Review citation. Please note that to avoid redundancy with other APTA-based research newsletters, typically, we do not include articles published in Physical Therapy or Journal of Neurologic Physical Therapy. We welcome any suggestions or comments you may have to help improve the newsletter.

A note and reminder that the **APTA-CSM conference** has been transitioned to virtual format, and is scheduled from February 1-28, 2021. For your CSM submissions, please ensure that you have completed your speaker or presenter agreement(s) for the virtual meeting.

Additionally, the **ANPT Research Committee** is hosting an all-day **Early Career Scientist Virtual Workshop February 24, 2021**. This full day program is led by leaders in PT research and national funding agencies. Early-career researchers including graduate students nearing the completion of their PhD degree, postdoctoral scholars, and junior faculty who are interested in starting or accelerating a research agenda in the field of neurologic physical therapy should attend. For details and application information visit <https://neuropt.org/research/research-training/workshop>

Sincerely,

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Research Topics

Feature Article

Motor Control

Rehabilitation

Clinical Neurophysiology

Technologies



Full text articles in [JNPT](#) are **free** for members

Feature Article(s)

Hogan MK, Hamilton GF, Horner PJ. Neural Stimulation and Molecular Mechanisms of Plasticity and Regeneration: A Review. Front Cell Neurosci. 2020 Oct 14;14:271.

Motor Control

French MA, Morton SM, Reisman DS. Use of explicit processes during a visually guided locomotor learning task predicts 24-hour retention after stroke. J Neurophysiol. 2020 Nov 11. doi: 10.1152/jn.00340.2020. Epub ahead of print. PMID: 33174517.

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Rehabilitation

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Vestibular Rehabilitation

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Clinical Neurophysiology

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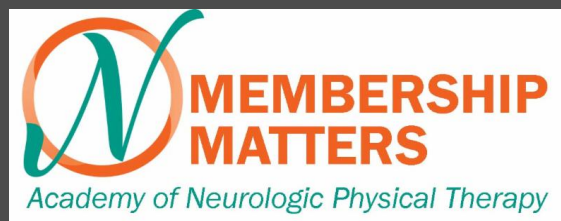


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The Research in Review was designed using Medline filters to extract high impact research articles related to the field of neuroscience and physical therapy, which includes areas of motor control, rehabilitation, clinical neurophysiology, and technology. Emphasis is placed heavily on articles published within the last eight weeks, that cover issues related to spinal cord injury, stroke, balance and falls, brain injury, degenerative diseases, and vestibular rehabilitation. The list contains the full citation and a link to the abstract or full text article. The Research in Review is published once every 2 months and will arrive in your email box in a format that is easily viewable by both HTML and text-based readers. Articles with no volume, issue or page numbers indicate that the article has not been published in paper form yet, but may be available in electronic form through the publisher. We welcome requests for article postings at the first and third Mondays of each month. Those interested in assisting with this endeavor are welcome to contact [Trisha Kesar, PT, PhD](#).

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