



*Academy of Neurologic Physical Therapy (ANPT)
American Physical Therapy Association (APTA)*

-- September 2020 --

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SCI SIG Award for Clinical Excellence in SCI Care or Service



Please
Nominate
A Deserving
SCI SIG Member



This is a reminder about our annual **Award for Clinical Excellence in SCI Care or Service**. This award is to honor an SCI SIG member whose major professional involvement is currently with the *clinical practice* of Physical Therapy for individuals with Spinal Cord Injury.

To be considered, you must:

1. Be a current member of the ANPT SCI SIG,
2. Have been practicing in the field of neurology, including SCI, for 5+ years.

Individuals may be nominated by SIG members, non-SIG members, or may self-nominate.

For full eligibility criteria, or to nominate someone, **please click below**

NOMINATE NOW!

The deadline to nominate is **October 15, 2020**

Thanks for your time and for your consideration!

SCI SIG Research Review



Please see this month's
research articles below!

CHECK
IT OUT!

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- Evans, R. W., Bantjes, J., Shackleton, C. L., West, S., Derman, W., Albertus, Y., & Swartz, L. (September 04, 2020). ["I was like intoxicated with this positivity": the politics of hope amongst participants in a trial of a novel spinal cord injury rehabilitation technology in South Africa](#). Disability and Rehabilitation: Assistive Technology, 1-7.

PURPOSE: This study discussed the reports by participants in a randomised controlled trial of a novel intervention for spinal cord injury (SCI) rehabilitation in Cape Town, South Africa.

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- Miguel-Rubio, A., Rubio, M. D., Salazar, A., Moral-Munoz, J. A., Requena, F., Camacho, R., & Lucena-Anton, D. (January 01, 2020). [Is Virtual Reality](#)

[Effective for Balance Recovery in Patients with Spinal Cord Injury? A Systematic Review and Meta-Analysis.](#) Journal of Clinical Medicine, 9, 9.)

ABSTRACT EXCERPT: Virtual reality (VR) is an emerging tool used in the neurological rehabilitation of patients with spinal cord injury (SCI), focused on recovering balance, mobility, and motor function, among other functional outcomes. The main objective of this study was to analyze the effectiveness of VR systems to recover balance in patients with SCI.

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- Palermo, A. E., Cahalin, L. P., Nash, M. S., & Garcia, K. L. (January 01, 2020). [Psychometric Testing and Clinical Utility of a Modified Version of the Function in Sitting Test for Individuals With Chronic Spinal Cord Injury.](#) Archives of Physical Medicine and Rehabilitation.

OBJECTIVE EXCERPT: This study aimed to explore the psychometrics and clinical utility of a modified version of the FIST to better measure SCI-specific functional tasks in sitting.

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- Peña, P. I., Hoover, C., Venkatesh, S., et.al. (January 01, 2020). [Long-Term Spinal Cord Stimulation After Chronic Complete Spinal Cord Injury Enables Volitional Movement in the Absence of Stimulation.](#) Frontiers in Systems Neuroscience, 14.

OBJECTIVE: We describe the development of spontaneous volitional movement (SVM) without active stimulation in a subset of participants in the Epidural Stimulation After Neurologic Damage (ESTAND) trial, in which locomotor training is not prescribed as part of the study protocol, and subject's rehabilitation therapies are not modified.

- Singh, M., Sarkar, A., & Kataria, C. (July 21, 2020). [Development and validation of the standing balance assessment for individuals with spinal cord injury \(SBASCI\) - A new outcome measure](#). Neurorehabilitation.

OBJECTIVE: The objective of the study was to develop an all-inclusive Standing Balance Assessment for Individuals with Spinal Cord Injury (SBASCI) measure and to establish its initial psychometric properties.

- Williams, A. M. M., Eginyan, G., Deegan, E., Chow, M., Carpenter, M. G., & Lam, T. (August 21, 2020). [Residual Innervation of the Pelvic Floor Muscles in People with Motor-Complete Spinal Cord Injury](#). Journal of Neurotrauma.

ABSTRACT EXCERPT: Individuals classified clinically as having a motor-complete spinal cord injury (mcSCI) should lack voluntary motor function below their injury level. Neurophysiological assessments using electromyography (EMG) and transcranial magnetic stimulation (TMS), however, have demonstrated that persons with mcSCI retain limited cortical descending innervation and voluntary activation of muscles below their level of injury, including muscles of the trunk and lower limb. We explored the possibility of whether there is also preserved innervation of the pelvic floor muscles (PFM) in persons with mcSCI.

If you have suggestions or interest in participating in this SCI Research Review, please contact us [here!](#)

COVID-19 Resources

The APTA has a [Coronavirus page](#) where they post daily updates and resources.

The [APTA Learning Center](#) has created a FREE COVID-19 section with webinars from many APTA sections.

ANPT has created a page of [resources](#) to help support your work and mental health.

Interested in Getting More Involved?



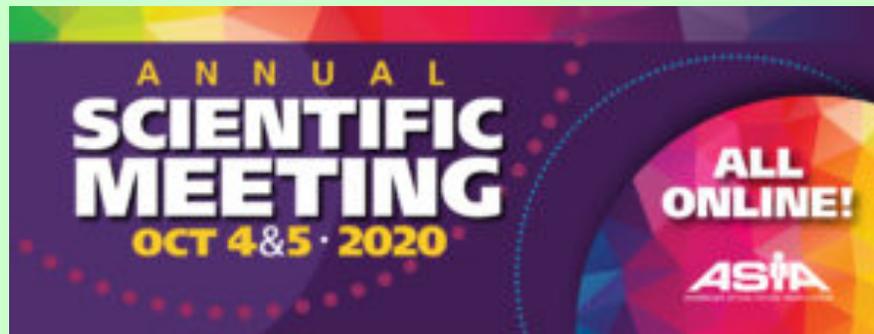
We are collecting pictures to post to our Social Media Accounts and website.

Send your pictures, including the names of anyone in the picture and a 1-sentence caption, to our SCI SIG Social Media Coordinator [Kathryn McLeland](#).

Upcoming Conferences: 2020

American Spinal Injury Association (ASIA) 2020 *Annual Scientific Meeting*

NEW DATES: October 4 and 5, 2020 - NOW VIRTUAL



- Click [here](#) for more information!

American Congress of Rehabilitation Medicine (ACRM) 2020 *Progress in Rehabilitation Research*



NOW VIRTUAL: October 19-24, 2020 - Atlanta, GA

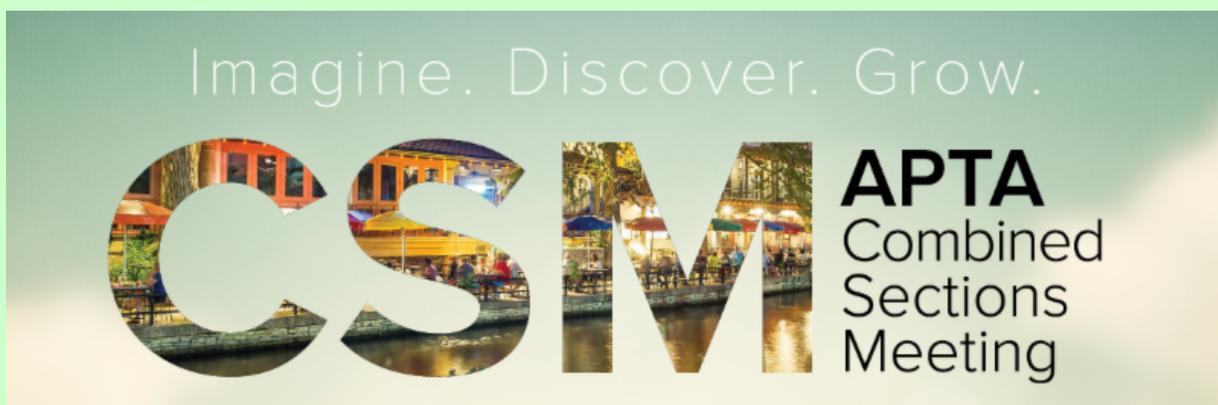
- Virtual Options are available - see [here](#) for registration options and details.
- All virtual registrants will have access to content through **30 June 2021!**
- Check [here](#) for the most up to date information!

Upcoming Conferences: 2021

CSM

COMBINED SECTIONS MEETING

NOW VIRTUAL: FEBRUARY 2021 Click [here](#) for more information!



First Academy of Neurologic Physical Therapy (ANPT) Annual Conference

The 2021 Academy of Neurologic Physical Therapy Annual Conference is moving to a virtual event for the health and safety of attendees.

The 2nd International Conference for Vestibular Rehabilitation is being postponed to 2022 as an in-person event.



- More details to come! Check [here](#) for the most up to date information!

Visit the ANPT and SCI SIG online!



ANPT SCI SIG Officers

Casey Kandilakis, PT, DPT, Chair

Cathy Larson, PT, PhD, Vice-Chair

Christi Hutchison, PT, MPT, Secretary

Sara Hobbs, PT, DPT, Nominating Committee Chair

Andrea Stump, PT, DPT, ATP, Nominating Committee

Andrew Smith, PT, DPT, PhD, Nominating Committee

Kathryn McLeland, PT, DPT, Lead Social Media Coordinator

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