



SPINAL CORD INJURY SPECIAL INTEREST GROUP

Academy of Neurologic Physical Therapy

NEWSLETTER

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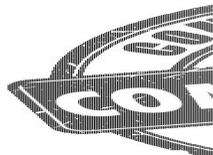
Spotlight on SCI: 2022's CSM Posters- Watch on YouTube!

[Click here](#) to watch Matthew Martin, PT, DPT present their findings on:

The Use of Blood Flow Restriction Training Following Incomplete Spinal Cord Injury: A Case Report



SCI SIG Award for Excellence in SCI Care or Service



**Stay Tuned:
Award Information coming in August!**

CALL FOR NOMINATIONS: 2023 ANPT & SIG AWARDS

The Academy of Neurologic Physical Therapy Awards Committee is seeking individuals to be nominated for ten awards, including SIG Awards. Award descriptions can be found [here](#).

Nominations are due August 1, 2022. Please take the time to nominate a deserving colleague!



[APPLY HERE](#)

CSM 2023

CSM 2023 will be held February 22-25 in San Diego, California. The submission deadline for platform and poster abstracts is July 18th. More information can be found [here](#).



2022 ANPT CONFERENCE

The [2022 Academy of Neurologic Physical Therapy Annual Conference](#) will focus on evidence-based practices and implementation, with an emphasis on patients' and caregivers' perspectives.



Register [here](#).

SCI SIG CALENDAR

SCI SIG CALENDAR

Check out the SIG's new calendar of SCI-related events and activities [here](#)! If you have any suggestions for additions to the calendar, or any comments or questions on events, please contact us at: anptscisig@gmail.com



SCI EXPERIENCED CLINICIAN LIST



IF YOU WOULD LIKE YOUR NAME/CONTACT
INFO ADDED TO THE LIST

PLEASE CONTACT SARA HOBBS AT
SHOBBS@SRALAB.ORG

Visit List

SCI SIG RESEARCH IN REVIEW



PLEASE SEE THIS MONTH'S
RESEARCH ARTICLES BELOW



[Minimal Clinically Important Difference of GRASSP Version 1 in Acute Cervical Traumatic Spinal Cord Injury.](#)

o <https://pubmed.ncbi.nlm.nih.gov/35652348/>

o Kalsi-Ryan S, Balbinot G, Wang J, Abel R, Bolliger M, Curt A, Fehlings MG, Jin D, Verrier M, Velstra IM. J Neurotrauma.

o Abstract excerpt: The GRASSP v1 Strength subscore is the most sensitive for detecting meaningful clinical change in patients and is most closely related to measures of independence. Thus, use of GRASSP v1 Strength and Prehension Performance as measures of change is substantiated by this study.

[Does severity of spinal cord injury predict likelihood of suffering chronically from severe depression and anxiety?](#)

o <https://pubmed.ncbi.nlm.nih.gov/35650198/>

o Khandelwal A, Shafer LA, Ethans K. Spinal Cord Ser Cases.

o Abstract Excerpt: These results suggest that all people with SCI may be at similar risk of depression and anxiety, regardless of SCI severity and level.

[Physical activity and life satisfaction among individuals with spinal cord injury: Exploring loneliness as a possible mediator](#)

o <https://pubmed.ncbi.nlm.nih.gov/32379551/>

o Santino N, Larocca V, Hitzig SL, Guilcher SJT, Craven BC, Bassett-Gunter RL. J Spinal Cord Med.

o Abstract Excerpt: This was the first study to show evidence of a negative association between leisure time physical activity and loneliness among people with SCI/D, and to establish a conceptual model for understanding the potential mediating role of loneliness in the relationship between LTPA and life satisfaction among people with SCI/D.

[Predicting resting energy expenditure in people with chronic spinal cord injury](#)

o <https://pubmed.ncbi.nlm.nih.gov/35780202/>

o Ma Y, de Groot S, Hoevenaars D, Achterberg W, Adriaansen J, Weijs PJM, Janssen TWJ. Spinal Cord.

o Abstract Excerpt: The aims of this study were (1) to validate the two recently developed SCI-specific REE equations; (2) to develop new prediction equations to predict REE in a general population with SCI.

[Targeting bladder function with network-specific epidural stimulation after chronic spinal cord injury.](#)

o <https://pubmed.ncbi.nlm.nih.gov/35778466/>

o Herrity AN, Aslan SC, Mesbah S, Siu R, Kalvakuri K, Ugiliweneza B, Mohamed A, Hubscher CH, Harkema SJ. Sci Rep.

o Abstract Excerpt: Data from this pilot clinical trial indicate that scES neuromodulation that targets bladder compliance reduces incidences of urinary incontinence and provides a means for mitigating

Responsiveness and minimal clinically important differences of the Trunk Assessment Scale for Spinal Cord injury (TASS).

o <https://pubmed.ncbi.nlm.nih.gov/35776096/>

o Sato H MSc, Miyata K PhD, Yoshikawa K PhD, Chiba S RPT, Mizukami M PhD. J Spinal Cord Med.
o Abstract Excerpt: Our findings confirmed that the change in TASS scores had weak-to-moderate correlations with the changes in the participants' upper- and lower-limb function and activities of daily living. Using the MCID for the TASS determined by anchor-based methods may lead to a better interpretation of changes in the trunk function of individuals with SCIs.

INTERESTED IN GETTING INVOLVED?

SUBMIT A PHOTO!



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 Team:

lcmadison11@gmail.com

STUDENT SOCIAL MEDIA COORDINATOR

Congratulations and welcome to the SCI SIG's new Student Social Media Coordinator!

Alyson Matern is a DPT student at the University of Indianapolis. She is joining our social media team. The SIG is grateful to her for volunteering her time to serve this community!



ANPT SCI SIG Officers

Casey Kandilakis, PT, DPT, Chair, Chair-Elect
Christi Hutchison, PT, MPT, Vice Chair
Sara Hobbs, PT, DPT, Secretary
Andrew Smith, PT, DPT, PhD, Nominating Committee Chair
Kristen Cezat, PT, DPT, Nominating Committee
Kaci Handlery, PT, DPT, ATP, Nominating Committee
Lane Madison, PT, DPT, Social Media Chair
Alyson Matern, Student Physical Therapist, Student Social Media Coordinator
Briana Parson, PT, DPT, Social Media Team
Uzair Hammad, PT, DPT, Podcast Team



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ANPT Social Media



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