

INDIVIDUALS WITH SPINAL CORD INJURY: INTERESTED IN RESEARCH?

Spinal cord stimulation plus treadmill training in SCI

The purpose of this study is to test noninvasive spinal cord stimulation as a way to improve the response to treadmill training and to improve recovery of standing and walking.

The study is conducted at City University of New York/College of Staten Island and at James J. Peters VA Medical Center.

Eligible participants will receive active or placebo electrical stimulation over the back followed by weight-supported treadmill training for 40 sessions. Multiple clinical and electrical tests are done before and after training to measure recovery.

Participation in this trial involves a commitment of 4-5 days per week for roughly 3 months. Most sessions last approximately 1.5 hours. Testing sessions (3 at the beginning and 3 at the end) last approximately 4-5 hours. We plan to enroll 45 participants with spinal cord injury over a five-year period.

ENROLLMENT IS OPEN TO VETERANS AND NON-VETERANS

ARE YOU between 18 and 70 years of age?

DO YOU have an “incomplete” spinal cord injury of more than 6 months with some residual movement in one or both legs?

Please note, for your safety, we will screen for multiple factors that might increase risk of participating, such as seizures, heart disease, implanted electrical devices, pregnancy, and others. These may exclude you from participating.

Please contact the VA Principal Investigator Noam Y. Harel, MD, PhD at Noam.Harel@va.gov or 718-584-9000 x1742.

VA location: 7th floor, Suite 7A-13.

James J. Peters VAMC Institutional Review Board approved protocol HAR-19-69 (1586038)

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Compensation will be provided.