



U.S. Department  
of Veterans Affairs



National Institute of  
Neurological Disorders  
and Stroke

## RESEARCH STUDY FOR INDIVIDUALS WITH SPINAL MYELOPATHY

**The purpose of this study is to test the effects of noninvasive brain and spinal cord stimulation to improve nerve transmission to the hands – these tests can be done before and after your surgery.**

Eligible participants will visit the James J. Peters VA Medical Center (Bronx, NY) up to 9 times for 3-4 hours each. We will measure if certain combinations of brain and spinal stimulation increase nerve transmission and hand function. We can compare the effects before versus after your surgery.

This is a research study testing for temporary changes in nerve transmission and motor function. There is no guarantee of long-term benefit from this study.

### **ENROLLMENT IS OPEN TO VETERANS AND NON-VETERANS**

**ARE YOU** between 18 and 75 years of age?

**ARE YOU** scheduled to undergo surgery to treat myelopathy or radiculopathy of the cervical spine?

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](mailto: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 #1639809.**

**Research study is conducted at James J. Peters VA Medical Center.**

**Principal Investigator: Noam Y. Harel, MD, PhD**

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**Compensation will be provided.**

**JJPVAMC IRB**

**Effective Date:** March 9, 2023  
**Expiration Date:** July 6, 2023