University at Buffalo
Department of Communicative Disorders and Sciences
College of Arts and Sciences

CDS COLLOQUIUM

NEUROMODULATION TO IMPROVE MOTOR FUNCTION AFTER SPINAL CORD INJURY

Hang Jin Jo, PT, PhD

FRIDAY OCTOBER 18, 2024
136 FARBER HALL, 9-10AM

OVERVIEW

Our ongoing research focuses on developing new noninvasive stimulation protocols with the goal of enhancing neural connections to muscles after spinal cord injury. This presentation will cover those stimulation methods, including transcranial magnetic stimulation for restoring motor function after spinal cord injury, and will discuss the findings of our recent studies.

LEARNING OUTCOMES

- Learners will describe how noninvasive stimulation could improve movement after spinal cord injury.

FINANCIAL DISCLOSURES

- Salary from the University at Buffalo and grant funding from Niche Biomedical Incorporated (Anuevo).

NON-FINANCIAL DISCLOSURES

- None

SPEAKER BIO

Hang Jin Jo, PT, PhD, is an Assistant Professor in the UB Department of Rehabilitation Science. Her research focuses on neurophysiological assessment of neurological impairments in clinical population and application of neuromodulation to improve their motor function. Dr. Jo received her PT degree from Korea University and PhD in Kinesiology from the Pennsylvania State University. She completed her postdoctoral training at Miami Project to Cure Paralysis and Shirley Ryan AbilityLab studying neuromodulation in patients with spinal cord injury. She is now running a Motor Control and Rehabilitation Lab at UB and continuing her research in spinal cord injury.

CONTINUING EDUCATION

This talk is open to UB faculty, SLPs and AuDs and will be offered via hybrid modality (in-person and via zoom). Attendees who wish to attend virtually should register at the link provided via QR code: