



**BROOKS**<sup>®</sup>  
Rehabilitation

# Spinal Cord Injury Studies

## Cyberdyne Study

In partnership with the Brooks Cybernic Treatment Center, the purpose of this study is to examine the safety and efficacy of locomotor training using adaptive robotics in adults with chronic spinal cord injury.

## Department of Defense Intermittent Hypoxia Study

This \$4.2 million study, funded by the Department of Defense, will examine if the use of acute intermittent hypoxia and respiratory strength training improves breathing function after spinal cord injury.

## Transcutaneous Spinal Direct Current Stimulation to Enhance Locomotion after Spinal Cord Injury

This study will examine if transcutaneous spinal direct current stimulation, applied during 16 sessions of locomotor training, will improve muscle activation, lower limb kinematics, and functional walking outcomes in adults with chronic spinal cord injury.

### Contact the BRCRC

If you are interested in participating in current or future research studies, please contact us at

**Brooks Clinical Research Center**  
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