



FES driven Stepping in Individuals with Spinal Cord Injury

ADULT WITH SPINAL CORD INJURY NEEDED FOR RESEARCH STUDY

WHO: Adults, age 18-65 with spinal cord injury.

WHAT: The research study is being done to find out if Functional Electrical Stimulation (FES) stepping can improve the function of people with spinal cord injury that paralyzes.

FES stepping is a method of applying low level electrical currents to the leg, buttock, stomach and back muscles to cause the weakened or paralyzed muscles to contract and produce a stepping motion of the legs. The FES stepping in this study will be done through a device called the RT600 FES Stepper.

You will be asked to come to the International Center for Spinal Cord Injury (ICSCI) for 1 hour, twice a week for 8 weeks to do the stepping exercise with FES.

You will be in this study for approximately 8 weeks. A total of 19 visits will be scheduled during this period, including a Screening Visit after enrollment, a Baseline Visit before treatment starts, 16 FES stepping treatment Visits, , and a Final Visit after the treatment ends.

During the Baseline, and Final Visits, you will complete some tests that will last 2 hours. These tests include taking a medical exam, neurological exam, assessing how you can walk, your pain and spasticity, and a neurological exam.

RISKS: Possible risk factors associated with the testing and cycling are:

- pain from electrical pulses.
- Falling when checking how you walk.

BENEFITS: .

There is no direct benefit to you from being in this study. If you take part in this study, you may help others in the future.

WHERE: The International Center for Spinal Cord Injury at Kennedy Krieger Institute
707 North Broadway, Baltimore, MD

CONTACT: Research Coordinator at the International Center for Spinal Cord Injury
(443) 923-9235 or clinicaltrials@spinalcordrecovery.org



International Center for Spinal Cord Injury
at Kennedy Krieger Institute
Research. Restoration. Recovery.

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