



University of Pittsburgh / School of Medicine

RESEARCH STUDY

SPINAL STDP AFTER HEMIPARETIC STROKE

The purpose of this research is to learn more about the connections between the brain, spinal cord, nerves and muscles of the body, in order to develop rehabilitation that improves hand and arm function after stroke.

This study will involve different types of non-invasive stimulation.

Individuals who experienced their **first ever stroke** at least six months ago and still have some hand weakness, will qualify.

Individuals who **do not have stroke** or any other neurological diagnoses, ages 18-75, may be eligible to participate.

Individuals will be compensated for their time.



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**Diagnosis of first
ever subcortical
stroke**

**At least 6 months
after stroke onset**

**No history or
seizure or epilepsy**

**No metallic brain
implants**

Not pregnant

**Individuals
without stroke**

Ages 18-75

**REHAB AND NEURAL
ENGINEERING LABS**

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