

# Spinal Cord Stimulation Combined With Physical Therapy in Post-Stroke Upper-Limb Motor Hemiparesis

NCT07153536

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Marco Capogrosso
Enrollment	20 participants

## Key Eligibility Criteria

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### Inclusion (5)

- Experienced an ischemic or hemorrhagic stroke that resulted in arm and hand hemiparesis more than 6 months prior to the time of enrollment (Prior strokes that did not cause upper extremity motor deficits are not exclusionary.)
- Age 22 to 70 years old
- Upper extremity motor score higher than 20 and lower than or equal to 45 on the Fugl-Meyer Assessment (FMA) scale
- FMA upper extremity sensory score higher than 6 points (out of 12 points)
- The ability to communicate, understand, give appropriate consent and follow two-step commands

### Exclusion (13)

- Presence of any serious disease or disorder (ex. Neurological conditions other than stroke, cancer, severe cardiac or respiratory disease, renal failure, etc.) that could affect their ability to participate in this study
- Considered to be at high-risk of recurrent stroke as evident from their medical history or upon judgment of the study physician
- Presence of post-stroke central pain, other forms of pain or other constraints such as joint contractures in the paretic arm that are serious enough to prevent or affect the correct execution of the physical training protocol as judged by the study therapist
- A score on the Short Blessed Test assessment scale lower than 9
- Female participants of child-bearing age who are pregnant or breastfeeding during the study

... and 8 more (see full listing online)

## Locations (1 total)

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University of Pittsburgh, Pittsburgh, Pennsylvania, United States