

# Neuromodulation to Enhance Motor Function in HSP

NCT07417943

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Rahul Sachdeva
Enrollment	15 participants

## Key Eligibility Criteria

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### Inclusion (6)

- Clinical diagnosis of hereditary spastic paraplegia (genetic confirmation if available).
- Stable medications for spasticity and other neurologic symptoms for =4 weeks prior to enrollment.
- Able to participate in study visits and assessments with or without assistive devices.
- If ambulatory: able to walk at least 10 meters with or without an assistive device.
- If wheelchair user: able to perform seated mobility tasks and transfers required for assessments.

... and 1 more (see full listing online)

### Exclusion (13)

- Implanted electronic devices (e.g., pacemaker, deep brain stimulator, intrathecal pumps).
- Severe cardiopulmonary disease that would make participation unsafe.
- Open skin lesions or severe dermatologic conditions at electrode sites.
- Pregnancy or plans to become pregnant during the intervention period.
- Diagnosed with Primary Lateral Sclerosis (PLS) or another neurological condition that affects walking, such as stroke, multiple sclerosis (MS), or a recent surgery on legs.

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

## Locations (1 total)

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University of Kentucky, Lexington, Kentucky, United States