

Augmenting Rehabilitation Outcomes and Functional Neuroplasticity Using Epidural Stimulation of Cervical Spinal Cord

NCT06225245

Status	RECRUITING
Phase	Not Applicable
Sponsor	The Methodist Hospital Research Institute
Enrollment	12 participants

Key Eligibility Criteria

Inclusion (16)

- All participants must provide a signed and dated informed consent form.
- Stated willingness to comply with all study procedures and availability for the duration of the study.
- Male or female aged 22 - 65 years old.
- Must provide documentation from personal primary treating physician that reports stable medical condition.
- Able to passively range bilateral upper extremities within normal mobility parameters including:
... and 11 more (see full listing online)

Exclusion (12)

- Currently involved in another rehabilitation training study.
- Lower motor neuron injury revealed in the upper limbs.
- Stabilization hardware in the cervical spine, preventing implantation of ESS system.
- Active pressure sores, wounds, unhealed bone fractures, peripheral neuropathies, or painful musculoskeletal dysfunction (including contractures in the upper and lower extremities).
- Any ongoing medical condition which would preclude participant from regular physical activity (including but not limited to: ventilator dependence, cardiopulmonary disease, uncontrollable autonomic dysreflexia or orthostatic hypotension, active urinary tract infections, pregnant or nursing).
... and 7 more (see full listing online)

Locations (1 total)

The Methodist Hospital Research Institute, Houston, Texas, United States