

Upper Extremity Functional Electrical Stimulation (FES) for Restoration of Upper Extremity Function After Spinal Cord Injury (SCI)

NCT06672458

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Miami
Enrollment	60 participants

Key Eligibility Criteria

Inclusion (10)

- Neurological Injury:
- Traumatic spinal cord injury (SCI): neurological level at or above T1 spinal cord level; AIS A, B, C or D impairment grade
- Group 1 (Acute SCI): Deemed medically stable by medical practitioner, less than 6 months post-injury.
- Group 2 (Chronic SCI): More than 6 months post-injury.

• or

... and 5 more (see full listing online)

Exclusion (13)

- Traumatic brain injury, stroke, multiple sclerosis, or other disorders that could affect neuromotor function.
- Severe spasticity that could prevent the study protocol as determined by the investigator.
- Major executive dysfunction, dementia, depression, neurocognitive impairments, or other major medical co-morbidities.
- Has contraindications for transcutaneous stimulation using FES such as breakdown of skin in the area that will come into contact with electrodes, thrombosis, or skin disease
- Poorly managed autonomic dysreflexia that could be triggered by FES.

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

Locations (1 total)

University of Miami - Miami Project to Cure Paralysis, Miami, Florida, United States