

Non-invasive Brain Stimulation Paired With FES Cycling Post SCI

NCT05975606

Status	RECRUITING
Phase	Not Applicable
Sponsor	Western University, Canada
Enrollment	14 participants

Key Eligibility Criteria

Inclusion (4)

- adult
- having motor incomplete SCI with level C or D on the American Spinal Injury Association Impairment Scale (AIS) with the lesion at any level of the cord resulting from either traumatic or non-traumatic etiology who are at least one-year post-injury.
- having non-progressive SCI
- being able to walk independently for 10 meters without help from another person

Exclusion (3)

- other orthopedic or neurological implications that affect the lower extremity function
- contraindications to FES (e.g., implanted electronic devices, unhealed bone fractures, severe contractures, extreme osteoporosis or osteoarthritis)
- contraindications to rTMS (e.g., metal implants, history of seizure, cochlear implants)

Locations (1 total)

Parkwood Institute, London, Ontario, Canada