

Neuromodulation to Reduce Muscle Stiffness Following Spinal Cord Injury

NCT06274021

Status	RECRUITING
Phase	Early Phase 1
Sponsor	University of Mississippi Medical Center
Enrollment	16 participants

Key Eligibility Criteria

Inclusion (5)

- Age 18 years or older
- History of spinal cord injury
- Time since diagnosis longer than six months
- Presence of spasticity in the lower limbs (e 3 on the Numerical Rating Scale of Spasticity Severity \[range from 0 to 10\])
- If needed, agreement to reduce antispastic medication

Exclusion (15)

- Neurological level of spinal cord injury below T11
- Ventilatory-dependent
- Change in neurological status over the past 2 months
- Rigidity, contraction, or passive range of motion of less than 40 deg in both knee joints
- Botulinum toxin injections in lower extremities in the previous 3 months before enrollment
- ... and 10 more (see full listing online)

Locations (2 total)

Methodist Rehabilitation Center, Jackson, Mississippi, United States
University of Mississippi Medical Center, Jackson, Mississippi, United States