

Nerve Transfers Plus Electrical Stimulation to Improve Hand Function in Cervical Spinal Cord Injury

NCT06541041

Status RECRUITING
Sponsor Stanford University
Enrollment 10 participants

Key Eligibility Criteria

Inclusion (10)

- Cervical spinal cord injury, ASIA A or ASIA B
- International Standards for Neurological Classification of Spinal Cord Injury neurological level of injury C6 or C7
- Agreed upon surgical plan includes at least 1 nerve transfer targeting finger flexion with the anterior interosseous nerve as the recipient and at least 1 nerve transfer targeting finger extension with the posterior interosseous nerve as the recipient
- Age 18-65 years
- Mentally and physically able to comply with evaluations and assessments

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

Exclusion (8)

- Contraindication to electrical stimulation, including any implanted electronic device such as a pacemaker or intrathecal drug delivery pump
- Active infection at the operative site or systemic infection
- Active malignancy
- Pregnancy
- Joint contractures or limited passive range of motion that would limit recovery of function

... and 3 more (see full listing online)

Locations (1 total)

Stanford University/Stanford Health Care, Palo Alto, California, United States