

# Spine and Brain Stimulation for Movement Recovery After Cervical Spinal Cord Injury

NCT06867809

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Jason Carmel
Enrollment	20 participants

## Key Eligibility Criteria

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### Inclusion (6)

- Patients aged ≥18 years with incomplete traumatic SCI (American Spinal Injury Association (ASIA) B-D, levels between C4 to T1) incurred > 1 year before the start of the study
- At least 2/5 motor power in at least one upper extremity muscle group
- International Standards for Neurological Classification of Spinal Cord Injury Upper Extremity Motor Score (ISNCSCI-UEMS) ≥ 40/50
- Able to follow multistep commands
- Ability and willingness to provide informed consent
- ... and 1 more (see full listing online)

### Exclusion (24)

- Cervical or thoracic stenosis that would preclude safe lead placement
- Any ongoing ventilator use (continuous or intermittent)
- Urinary tract infection or pneumonia requiring treatment (within past 3 months)
- Skin ulcers or other lesions
- History of posterior cervical fusion
- ... and 19 more (see full listing online)

## Locations (2 total)

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NewYork-Presbyterian Hospital / Columbia University Irving Medical Center (NYPH/CUIMC), New York, New York, United States  
NewYork-Presbyterian Allen Hospital / Columbia University Irving Medical Center (NYPH/CUIMC), New York, New York, United States