

Safety and Feasibility of Paired Transcutaneous Auricular Vagus Nerve Stimulation (taVNS) With Upper Limb Rehabilitation in Incomplete Spinal Cord Injury

NCT06543277

Status	RECRUITING
Phase	Not Applicable
Sponsor	The University of Texas Health Science Center, Houston
Enrollment	12 participants

Key Eligibility Criteria

Inclusion (3)

- diagnosis of traumatic incomplete (AIS B-D) cervical spinal cord injury (C8 and above)
- at least 12 months post-traumatic SCI but less than 10 years post-SCI
- demonstrate some residual movement in the upper limb (e.g., able to perform pinch movement with thumb and index finger sufficient to grip small objects such as marble)

Exclusion (11)

- non-traumatic SCI
 - recent ear trauma and skin lesions at the site of stimulation, such as sunburn, cuts, and open sores,
 - facial or ear pain,
 - allergic reaction to adhesives and electrodes,
 - any current or past history of cardiovascular disorders,
- ... and 6 more (see full listing online)

Locations (2 total)

Neurorecovery Research Center, TIRR MHH, Houston, Texas, United States
The University of Texas Health Science Center at Houston, Houston, Texas, United States