

Non-Invasive Interventions for Respiratory Recovery in Chronic Spinal Cord Injury

NCT07135583

Status	RECRUITING
Phase	Not Applicable
Sponsor	Thomas Jefferson University
Enrollment	20 participants

Key Eligibility Criteria

Inclusion (6)

- adults 18 to 70 years of age (the latter to reduce likelihood of cardiovascular disease);
- chronic SCI for e 1 year at or below C-3 to T-8
- incomplete SCI based on classification of incomplete-B, C or D
- medically stable with clearance from physician
- SCI due to non-progressive etiology
- ... and 1 more (see full listing online)

Exclusion (1)

- Individuals will be excluded due to (1) current diagnosis of an additional neurologic condition (eg. multiple sclerosis or stroke) (2) loss of diaphragm EMG activity on forced respiratory tests; (3) severe illness or infection (4) non-healing decubitus ulcers (5) untreated bladder or urinary infections (6) cardiovascular disease (7) lung disease (8) active heterotopic ossification (9) uncontrolled hypertension; (10) severe neuropathic pain; (11) pregnancy (5) severe recurrent and uncontrolled autonomic dysreflexia (6) history of seizure disorder.

Locations (1 total)

Thomas Jefferson University Center City Campus, Philadelphia, Pennsylvania, United States