

TSCS for Acute SCI

NCT05305118

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| Status | RECRUITING |
| Phase | Not Applicable |
| Sponsor | Icahn School of Medicine at Mount Sinai |
| Enrollment | 50 participants |

Key Eligibility Criteria

Inclusion (7)

- All newly injured patients with SCI who are sequentially admitted during the 42-month recruitment period
- Meet the following Model Systems entry criteria with evidence of BP instability
- Exhibit one or more of the following: Resting hypotension - systolic BP \leq 110 mmHg for males or \leq 100 mmHg for females; OH - fall in systolic BP \geq 20 mmHg and/or a fall in diastolic BP \geq 10 mmHg within 10 minutes of assuming an upright position; BP instability - fluctuation in systolic BP \geq 20 mmHg and/or fluctuation in diastolic BP \geq 10 mmHg within a single day during routine activities in the AIR setting.
- Have trouble with your blood pressure as determined by your doctor.
- Participants must be between the ages of 18-89 years old, experienced a spinal cord injury (SCI) within the past 30 days to 6 months, have sustained a SCI with temporary or permanent loss of sensory and/or motor function, and are an inpatient for acute SCI rehabilitation therapy at Mount Sinai.

... and 2 more (see full listing online)

Exclusion (9)

- Implanted brain/spine/nerve stimulators, cochlear implants, cardiac pacemaker/defibrillator, or intracardiac lines
- Open skin lesions on or near the electrode placement sites (neck, upper back)
- Significant coronary artery or cardiac conduction disease
- Recent history of myocardial infarction
- Insufficient mental capacity to understand and independently provide consent

... and 4 more (see full listing online)

Locations (1 total)

Mount Sinai Spinal Cord Injury Model System, New York, New York, United States