

# Evaluating Safety and Feasibility of Transcutaneous Spinal Cord Stimulation Following Traumatic and Non-Traumatic Spinal Cord Injury: A Pilot Study

NCT06520020

---

<b>Status</b>	RECRUITING
<b>Phase</b>	Not Applicable
<b>Sponsor</b>	Francis Farhadi
<b>Enrollment</b>	30 participants

## Key Eligibility Criteria

---

### Inclusion (9)

- Age: = 18 years and = 80 years.
  - Written informed consent by patient and/or legal authorized representative (LAR).
  - No other life-threatening condition.
  - No evidence of sepsis.
  - No evidence of superficial skin infection at site of surgery and intervention.
- ... and 4 more (see full listing online)

### Exclusion (13)

- Any concomitant impairment of the upper and lower limb at baseline that could potentially confound the neurologic assessments~ including but not limited to traumatic or disease conditions like brachial plexus injury, peripheral neuropathy, spinal hematoma, transverse myelitis, non-compressive myelopathy, dementia, and Parkinson's disease.
  - mJOA of  $\geq 15$  and  $\leq 7$ , or AIS grade E tSCI at baseline assessment.
  - Currently involved in another non-observational ntSCI or tSCI study, or receiving another interventional drug, that could interfere with recordings and confound adverse events.
  - Other illness (including mental disorder) that could preclude accurate medical and neurological evaluation, at discretion of the treating surgeon and/or principal investigator.
  - Unable to commit to the follow-up schedule.
- ... and 8 more (see full listing online)

## Locations (1 total)

---

University of Kentucky - Chandler Medical Center, Lexington, Kentucky, United States