

Evaluating Therapeutic Electrical Stimulation to Improve Nerve Healing After Surgical Repair of Digital Nerve Injuries

NCT06867185

Status	RECRUITING
Phase	Not Applicable
Sponsor	Checkpoint Surgical Inc.
Enrollment	60 participants

Key Eligibility Criteria

Inclusion (6)

- Age 18-80 years
 - Candidate for surgical intervention under general anesthesia.
 - Require primary nerve injury repair in at least 1 digital nerve.
 - Following resection, have a resulting nerve gap of \leq 10mm.
 - Able to complete tension-free end-to-end direct repair, or repair with a conduit, autograft, or allograft with a length \leq 15mm
- ... and 1 more (see full listing online)

Exclusion (10)

- Severe comorbid conditions, such as arrhythmia or congestive heart failure, preventing surgery under general anesthesia.
 - Nerve repair occurring $>$ 1 month post-injury.
 - Incomplete nerve transection.
 - Injury requiring replantation of target digit
 - Injury distal to the distal interphalangeal joint.
- ... and 5 more (see full listing online)

Locations (5 total)

Indiana Hand to Shoulder Center, Indianapolis, Indiana, United States
University of Missouri Department of Orthopaedic Surgery, Columbia, Missouri, United States
Washington University in St Louis, Department of Orthopedic Surgery, St Louis, Missouri, United States
... and 2 more locations