

Harnessing Neuroplasticity to Enhance Functional Recovery During Chronic Recovery From Upper Extremity Nerve Repair

NCT03610763

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Missouri-Columbia
Enrollment	180 participants

Key Eligibility Criteria

Inclusion (3)

- Individuals whom have received a unilateral allogeneic transplantation proximal to the wrist and are at the chronic stage of recovery (approx. 12 - 18 months following surgery, when Tinel's sign reaches the distal fingertips).
- Individuals whom have undergone a complete amputation the hand between the wrist and elbow followed by successful re-attachment and are at the chronic stage of recovery (approx. 12 - 18 months following surgery, when Tinel's sign reaches the distal fingertips).
- Individuals whom have undergone repairs of the median, ulnar, or other related or nearby nerve(s) following complex volar forearm lacerations or other injuries between the distal wrist crease and the flexor musculotendinous junctions. Individuals must be at the chronic stage of recovery (approx. 12 - 18 months following surgery, when Tinel's sign reaches the distal fingertips).

Exclusion (7)

- Individuals with significant/severe brain trauma
- Serious psychiatric conditions
- Chronic or severe neurological conditions.
- Current pregnancy
- History of seizures or unexplained loss of consciousness
- ... and 2 more (see full listing online)

Locations (3 total)

Christine Kleinert Institute for Hand & Microsurgery, Louisville, Kentucky, United States
University of Missouri, Columbia, Missouri, United States
Washington University School of Medicine, St Louis, Missouri, United States