

Evaluating the Safety and Efficacy of Polyethylene Glycol (PEG) Mediated Fusion (PEG Fusion)

NCT04789044

Status	RECRUITING
Phase	Phase 2
Sponsor	Major Extremity Trauma Research Consortium
Enrollment	40 participants

Key Eligibility Criteria

Inclusion (4)

- Ages 18-80
- Sustained a complete peripheral nerve injury resulting from upper extremity trauma presenting within 48 hours of injury
- Involves injury or dysfunction to motor and/or sensory function of the axillary, radial, median, ulnar, or musculocutaneous nerve with injury localized between the proximal humerus and the distal flexion crease of the wrist
- Involves a "mixed" nerve segment (i.e., involves a location of any of the above specified nerves that can be expected to have both sensory and motor axons present).

Exclusion (13)

- Patients beginning surgery within hours after injury.
 - Injury to the brachial plexus nerves
 - Injury to the nerves distal to the distal flexion crease of the wrist
 - Injury that involves a distal extension of the parent nerve that is considered sensory only (superficial radial nerve, lateral antebrachial cutaneous nerve, etc.) or the posterior interosseus or anterior interosseus nerve distal to the midpoint of the forearm (i.e., distal to what can be considered the main motor branches of the PIN and AIN).
 - Previous peripheral nerve injury resulting from trauma, stroke, muscular, neurologic, or neuromuscular disorder
- ... and 8 more (see full listing online)

Locations (7 total)

University of Maryland Medical Center Shock Trauma Center, Baltimore, Maryland, United States
Johns Hopkins University School of Medicine, Baltimore, Maryland, United States
Cooper Health, Camden, New Jersey, United States
... and 4 more locations