

Neural Enabled Prosthesis for Upper Limb Amputees

NCT03432325

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Arkansas, Fayetteville
Enrollment	15 participants

Key Eligibility Criteria

Inclusion (8)

- Unilateral transradial amputation
 - Amputation occurred 9 months ago or more
 - Functional hand contralateral to the amputation
 - Ability and willingness to use myoelectric arm (as determined by prosthetist)
 - years of age or older
- ... and 3 more (see full listing online)

Exclusion (18)

- Absence of limb due to birth defect
 - Evidence of denervation of the residual limb
 - Phantom limb pain that is severe enough to impair or restrict activity
 - Any neurological condition affecting motor and/or sensory function that would interfere with use of the intact hand or residual limb (as determined by neurologist)
 - Visual impairment that would affect hand usage during experimental procedures
- ... and 13 more (see full listing online)

Locations (2 total)

University of Arkansas, Fayetteville, Arkansas, United States
Walter Reed National Military Medical Center, Bethesda, Maryland, United States