

# Effects of Myoelectric Channel Count and Targeting for Upper Limb Prosthetic Control

NCT07011420

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Liberating Technologies, Inc.
Enrollment	32 participants

## Key Eligibility Criteria

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### Inclusion (8)

- Unilateral transradial level limb absence
- Current or past user of myo-electric controlled prostheses
- Six months or more post-amputation
- Have adequate limb length such that a wrist rotation device can fit in the check socket
- Well-fitting socket as determined by a Socket-Comfort Score of 6 or above

... and 3 more (see full listing online)

### Exclusion (2)

- Significant new injury that would prevent use of a prosthesis: The ability to consistently wear a prosthesis and perform activities of daily living and specific performance tasks is necessary to evaluate the relative benefits of the interventions.
- Cognitive impairment sufficient to adversely affect understanding of or compliance with study requirements, ability to communicate experiences, or ability to give informed consent: The ability to understand and comply with requirements of the study is essential for the study to generate useable, reliable data. The ability to obtain relevant user feedback through questionnaires and informal discussion adds significant value to this study.

## Locations (2 total)

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Shirley Ryan AbilityLab, Chicago, Illinois, United States  
Liberating Technologies, Inc., Holliston, Massachusetts, United States