

Comparing the Attentional Demands and Functional Outcomes in People With Transradial Amputation

Status: RECRUITING

Eligibility Criteria

Age: 18 years and over

This study is NOT accepting healthy

Healthy Volunteers: volunteers

Inclusion Criteria:

* 18 years of age or older * Unilateral transradial limb loss * At least 6 months since loss * Previous or current use of a myoelectric device for 3 months or longer * Use of a prosthesis at least 4 days each week * Ability to read, write, and understand English * Willingness to use each control strategy as primary device for 3 months each (6 months commitment total)

Exclusion Criteria:

* Any health condition that would prevent safely completing trial activities * Discontinued use of a myoelectric prosthesis due to non-financial reasons

Conditions & Interventions

Interventions:

DEVICE: Training with PRC, DEVICE: Training with DC, DEVICE: PRC Device use in community and home, DEVICE: DC Device use in community and home

Conditions:

Amputation

Keywords:

Transradial Amputation, Direct Myoelectric Control, Pattern Recognition Controller (PRC)

More Information

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IRB

Number:

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