

R21: An Easy-to-use, iNtelligent, Affordable LinEr (ENABLE) System for Socket Fit Assessment

NCT05425810

Status	RECRUITING
Phase	Not Applicable
Sponsor	North Carolina State University
Enrollment	3 participants

Key Eligibility Criteria

Inclusion (5)

- Unilateral transtibial amputees
- At least 1 year of experience using his/her prosthetic leg
- Has used the current socket for at least 6 months without a significant skin issue or major modification
- Can comfortably walk 3 mins without pausing to rest
- The fibula length on the residual limb must be greater than half of the length of the fibula on the unaffected side

Exclusion (3)

- Cognitive or visual impairment that affects the participant's ability to provide informed consent or to follow simple instructions during the experiments
- neuropathy observed on the residual limb
- regnant female

Locations (1 total)

NC State University, Raleigh, North Carolina, United States