

Restoration of Normative Postural Control

NCT06452186

Status	RECRUITING
Phase	Not Applicable
Sponsor	North Carolina State University
Enrollment	50 participants

Key Eligibility Criteria

Inclusion (7)

- years or older;
 - unilateral lower limb amputee
 - K-level 2 or higher (who are frequent prosthesis users and may benefit from the proposed prosthesis training and use of dEMG controlled powered prosthesis)
 - Amputation occurred over 2 years ago
 - At least 1 year of experience using their prosthetic leg
- ... and 2 more (see full listing online)

Exclusion (8)

- Have a very short residual shank (the length of the residual limb is $\leq 15\%$ of the length of intact limb)
 - Cannot perform functional ambulation in the community on a daily basis without assistive devices
 - Cognitive or visual impairment that affects the participant's ability to provide informed consent or to follow simple instructions during the experiments
 - Congenital amputees
 - Amputees who use powered prosthetic ankles
- ... and 3 more (see full listing online)

Locations (1 total)

North Carolina State University, Raleigh, North Carolina, United States