

Lower-Limb Amputee Research Participants Needed

Vanderbilt Univ. Study to Advance Prosthetic Technology

Objective: To advance our understanding of how amputees walk and the limitations of current prosthetic limbs, in order to develop next-generation prostheses.

Activities: Participants will wear commercially-available prostheses and/or new prototype devices while they walk on a treadmill. We will use high-speed cameras to record their body movements, then analyze these recordings to learn how different prosthetic technology affects ease of walking, comfort and mobility.

Compensation: \$20 per hour

Inclusion Criteria:

- Adult (18-70 years old) with lower limb amputation (below-knee, above-knee, joint disarticulation, Symes, etc.)
- At least 4 months since amputation surgery
- Able to walk without additional mobility aids (e.g., cane, walker)

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