



RPNI for Control of Lower Limb Prosthesis is now recruiting!

UMHEALTHRESEARCH.ORG/#STUDIES/HUM00235849

Study for lower limb prosthesis users!

We are looking for lower limb prosthesis users to assess the validity of a newly developed surgery to enhance the control a prosthetic device and provide sensation to the phantom foot.

Participants will be asked to:

- Undergo a surgery to implant electrodes in their amputated limb
- Perform functional assessments using a powered prosthetic knee and ankle
- Receive sensory stimulation to elicit sensation in their phantom foot

Participants will receive:

- Each participant will receive \$40 per hour for lab experiments. There will be a minimum of 1 visit every three months averaging 2.5 hours

Location

- All sessions will be completed at the Rehabilitation Biomechanics Laboratory, located in the University of Michigan School of Kinesiology building on central campus

Are you eligible?

- 18-75 years old
- Have unilateral above the knee amputation
- No other impairments of the lower extremity
- No history of chronic back injury, neurological disorders, or visual impairment
- Proficient in English
- Non-Smoker

If you're unsure if you meet the requirements, call or email a member of the study team:

- Kayla Russell-Bertucci
- kaylarb@umich.edu
- 734-764-3832



LL RPNI Study
Kayla Russell-Bertucci
734-764-3832

LL RPNI Study
Kayla Russell-Bertucci
734-764-3832

LL RPNI Study
Kayla Russell-Bertucci
734-764-3832

LL RPNI Study
Kayla Russell-Bertucci
734-764-3832

LL RPNI Study
Kayla Russell-Bertucci
734-764-3832

LL RPNI Study
Kayla Russell-Bertucci
734-764-3832

LL RPNI Study
Kayla Russell-Bertucci
734-764-3832

LL RPNI Study
Kayla Russell-Bertucci
734-764-3832

LL RPNI Study
Kayla Russell-Bertucci
734-764-3832

LL RPNI Task Study
Kayla Russell-Bertucci
734-764-3832