

Call for Participants for a Gait Rehabilitation Study

Researchers at Syracuse University are investigating new methods for combining a **wearable robotic ankle device for treadmill walking**

Eligibility:

- Age: adult participants (≥ 18 years old)
- Individuals post-stroke (hemiparesis) and able-bodied individuals

Participation includes:

- Complete a Study Questionnaire to ensure you meet inclusion criteria
- Sign the informed consent form to enroll in the study
- Walking on a treadmill wearing the robotic ankle device and following instructions
- A single session includes warm-up, brief electrical muscle stimulation, and bouts of treadmill walking for a maximum of 1-2 hour(s) per session at the Bionics, Systems and Control Laboratory located in 021 Link Hall.
- Enrollment in the study is estimated to span between 1-6 sessions. You may be asked to participate in additional sessions.



The risks of the study are not greater than when walking regularly over ground or performing conventional physical exercise: muscle soreness and/or joint stiffness and mild discomfort due to stimulation. There is also a risk for muscle strains/spasms and minor skin burns in the unlikely event of equipment failure. There are no direct benefits from participation. It is possible that participants in this study may see improvements in their own functional ability and strength; but any benefit cannot be guaranteed. The most promising findings are related to the advancement of the scientific knowledge. You will be compensated for your participation in the study at a rate of \$20/hour for up to two hours per session.

If you are interested or need more information, please contact:

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Or fill the Interest Form following the link: <https://forms.gle/Hr13jA6Lsh9xaDFJ9>