

# SMART: Self-management for amputee rehabilitation using technology

## PURPOSE OF THIS STUDY

The study aims to evaluate the SMART program in individuals with unilateral lower limb amputation (LLA) – transtibial or transfemoral – due to diabetes or vascular disease aged 50 years and over throughout B.C. and Ontario. The SMART program consists of a set of six online modules and peer support. SMART will support a client's post-LLA needs with direct (e.g., individual health) and indirect (e.g., healthcare utilization) benefits.

## WHO CAN PARTICIPATE

To be eligible, participants:

- Have a unilateral LLA (transtibial or transfemoral) due to diabetes or vascular disease
- Admitted for prosthetic rehabilitation (completed the casting for their initial prosthetic limb)
- Have had their amputation up to two years
- Are aged  $\geq 50$  years (85% of adults with LLA)
- Self-identify as being able to speak and read English
- Have access to a computer or tablet and internet

## WHAT IS INVOLVED

Participants will be randomly assigned to the SMART or the control group. Both groups will receive usual care, provided by their healthcare providers. The SMART group will receive access to the SMART program and weekly peer-support. The control group will receive usual care and weekly contacts. All data collection will be conducted using Zoom online platform.

## CONTACT INFORMATION

Noah Tregobov, Research Coordinator  
Phone: 604.734.1313 extension 6292  
Email: noah.tregobov@ubc.ca

## STUDY TIME/ DURATION

May 2022 to August 2024

## STUDY LOCATION

Video call on Zoom

## PRINCIPAL INVESTIGATOR

Dr. William C. Miller  
Professor, UBC  
Research Investigator with VCH Research Institute

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Help find hope  
for future  
generations.



*Say yes  
to research!*

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