

Our Vision

To optimize the mobility of people with Acquired Brain Injury (ABI) across the life-span.



To support people with:

- Traumatic Brain Injury
- Stroke
- Cerebral Palsy-Fetal & Perinatal Brain Injury

Objectives

- **Identify factors limiting or enhancing mobility in real-world community environments and explain variability in mobility for people with ABI**
- **Develop cost-efficient community interventions that optimize outcomes for people with ABI**

Deliverables



Tracking Tools

To measure mobility capacity and performance in community environments



Predictive Algorithms

To identify people at risk of poor mobility levels and interventions to enhance mobility



Participant & Clinical Systems

To track rehab data and outcomes related to mobility



Clinical Decision Support Applications

To provide recommendations for mobility training

Outcomes



Generate social, health, environmental & economic benefits for Canadians

ABI is a leading cause of disability in Canada costing over \$2.9 billion annually.

Our program innovations will positively impact ABI clinical outcomes and form the next generation of rehab technologies, benefiting Canadians and people around the world.