

PRECISION-STROKE: Co-Producing Innovative Prehospital Stroke Solutions

Location: Across Canada

Number of participants: 5-10

Description: “Time is Brain” in acute stroke, where every minute counts.

Paramedics are often first on the scene, yet they lack the tools to quickly identify the type of stroke a patient is having (stroke due to blood clot (ischemic stroke) or blood vessel rupture (hemorrhagic stroke), information that is critical to guide timely decisions.

The PRECISION-STROKE study will unite paramedics, clinicians, researchers, and patient-partners and their caregivers to identify the most urgent research needs and barriers to prehospital stroke care. Through 2 to 3 rounds of online surveys (a modified Delphi process), we will build consensus and develop solutions that are practical and equitable across Canada.

Your lived experience as a patient or caregiver is invaluable. Your voice will help shape research that could help bring life-saving treatments to stroke patients faster.

Language: English and/or French

Eligibility: All individuals aged 18 and older across all life stages with lived experienced (stroke), as well as caregivers. All gender identities are welcome, and we will aim for gender balance across the participant group. We also welcome participants who reflect the diversity of Canadians affected by stroke, including individuals from Indigenous, racialized, and other equity-deserving communities

Participant requirements: Participation in the PRECISION-STROKE study involves completing 2 to 3 rounds of online anonymous surveys over a period of approximately 4–6 months, beginning in Fall 2026. Each survey round is conducted independently and at your own convenience. Each round is estimated to take 20–30 minutes to complete, and participants will have 2–3 weeks to respond per round. A final virtual meeting will be held prior to the publications of survey results. This session will last approximately 45-60 minutes. Overall, we ask for a time commitment of approximately 2–4 hours across the whole study period. All participants will receive an honorarium of (\$50 CAD per survey round, up to \$150 CAD for 3 rounds) in recognition of their time and contributions. This will be provided upon completion of each round.

Institution: University of Montreal

Contact: Laura Gioia, Stroke Neurologist & Clinician-Researcher, laura.gioia@umontreal.ca