



PROJECT MANAGED BY PRE MILOT

01/07/2025 VERSION

DISPLAY END DATE: 12/31/2027

Centre intégré
universitaire de santé
et de services sociaux
de l'Estrie - Centre
hospitalier universitaire
de Sherbrooke

Québec

REHABILITATING THE ARM AFTER A STROKE BY STIMULATING THE TONGUE

Participants wanted:

Adults (aged 18 and over) with **a single stroke** in **the last 6 months**

Why?

We want to evaluate the impact of a new, innovative approach to brain stimulation using the tongue, cranial nerve non-invasive neuromodulation (CN-NINM), combined with a strength training program, on improving the function of your affected arm and on your brain's excitability (i.e. your brain's response to stimulation).

Study process:

- Telephone interview
- Selection visit (1h)
- Pre-visits :
 - Clinical assessment of your affected arm (2h)
 - Assessment of your brain's excitability (i.e. your brain's response to stimulation) (2h)
- Intervention: 12 sessions of 1h (3x/week for 4 weeks)
 - Strength training program for your affected arm + real-CN-NINM or placebo (20 minutes)
- Post-visits :
 - Clinical assessment of your affected arm (2h)
 - Assessment of your brain's excitability (i.e. your brain's response to stimulation) (2h)

Where?

- 3 sites in the province of Quebec:
 - Montréal (mh.boudrias@mcgill.ca ou au 514-398-5457)
 - Sherbrooke (ahim2801@usherbrooke.ca ou 819 780-2220 poste 45691 ou sans frais au 1-888-780-1832)
 - Ville de Québec (andreanne.blanchette@fmed.ulaval.ca ou au 418-529-9141 poste 46896)

Financial compensation will be offered

RESEARCH PROJECT APPROVED BY THE CIUSSS DE L'ESTRIE - CHUS CER

Interested?

Contact us: mh.boudrias@mcgill.ca or
ahim2801@usherbrooke.ca
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