

# NWO NAVIGATE STROKE

Geomapping Patient Care in Northwestern Ontario

## An App for Navigating Stroke Care



In the north, limited resources, dispersed geography, multiple transport and communication channels make stroke systems complex - this interactive support tool,

### NWO Navigate

can assist you in making stroke care decisions.

## Goal



To develop a functional geomapping system to get patients with stroke to the appropriate level of care in the shortest time frame.

## Application

Provides information to assist decision making when navigating the patient to advanced stroke care

Suggests fastest routing, most appropriate access diagnostic/ treatment sites, maps and next steps for assessment and treatment opportunities

Combines all acute protocols, processes and resources in one impactful tool

## Concept

- Historical and estimated travel times and locations
- Implements direct transportation agreements
- 35+ Stroke and TIA regional pathways
- Stroke best practices integrated
- Interactive map of sites and services across the region



## Users

Physicians and nurses working in acute stroke within Health Institutions



Customized and adapted to meet the needs of the Northern clinician

## Team

Collaboration between data scientists, clinicians and dedicated professionals from various institutions

Representation from Lakehead University, Thunder Bay Regional Health Research Institute, ORNGE, Northwestern Ontario Emergency Medical Services and Northwestern Ontario Regional Stroke Network at Thunder Bay Regional Health Sciences Centre

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Note: This app is not intended to replace the clinical judgement of health care professionals or replace medical advice or transportation systems to make a clinical diagnosis or treatment decision regarding an individual patient.