

Stroke Care in Northwestern Ontario 2020/21

STROKE IS A MEDICAL EMERGENCY



58% of stroke/TIA patients arrived at the emergency department by ambulance (**Ontario 66%**)

70% of patients were referred to secondary prevention services after discharge from the emergency department* (**Ontario 81%**)

TIME IS BRAIN



11% of ischemic stroke patients received hyperacute therapy (**Ontario 14%**)

10% tPA (tissue plasminogen activator) (Target: >12%) (**Ontario 11%**)

- **69 minutes** median door-to-needle time (Target: <30 minutes) (**Ontario 44 minutes**)

2% EVT (Endovascular therapy) (**Ontario 6%**)

STROKE UNIT CARE IMPROVES OUTCOMES



1.97 per 1000 population are admitted for acute stroke/TIA (**Ontario 1.46 per 1000**)

41 hospitals in Ontario have a stroke unit. *Thunder Bay Regional Health Sciences Centre* hosts the stroke unit for Northwestern Ontario.

69% of stroke patients treated on a stroke unit (Target: >75%) (**Ontario 56%**)

REHABILITATION OPTIMIZES RECOVERY



31%** of patients accessed inpatient rehabilitation (**Ontario 31%**)

71 minutes per day of inpatient therapy was received per patient (Target: 180 minutes) (**Ontario 69 minutes**)

STROKE JOURNEY CONTINUES AFTER DISCHARGE



57 days ** Average number of days spent at home in the first 90 days after stroke (**Ontario 56 days**)

18%** received home-based rehabilitation* (**Ontario 39%**)

- **6**** median number of visits (**Ontario 9 visits**)

61% of patients aged 65 and older with atrial fibrillation filled a prescription for anticoagulant therapy within 90 days of acute care discharge* (**Ontario 75%**)

PATIENT OUTCOMES

6% of stroke/TIA patients were readmitted within 30 days (**Ontario 7%**)

14% of stroke/TIA patients died within 30 days (**Ontario 12%**)

5%** of stroke patients were admitted to long-term care within 1-year post discharge (**Ontario 6%**)

