

Stroke Care in South East – Quinte, 2020/21



NOTE: Arrow indicates how SE is trending from last FY report – improvement indicated by upward green arrow; worsening by downward red arrow

TIME IS BRAIN

STROKE IS A MEDICAL EMERGENCY



Quinte: 73.1% ↑ (ON 66.2%)

Rural Hastings: 65.4% ↑

of stroke/TIA patients arrived at the emergency department by ambulance

QHC: 86.1%-97.2% ↑ of patients (ON 63.2%) were referred to secondary prevention services after discharge from the emergency department*



Quinte: 16.5% ↑ (ON 14.1%)

Rural Hastings: 14.1% ↓

of ischemic stroke patients received hyperacute therapy

By Sub-regions:

Quinte -11.8% ; Rural Hastings – 12.4% tPA (ON 10.5%) (tissue plasminogen activator) (Target: >12%)

QHC: 40 minutes median door-to-needle time (ON 44.0) (Target: <30 minutes)

Quinte: 5.8%; Rural Hastings: NR: 1.7%-8.3% (ON 5.8%) EVT (Endovascular therapy)

STROKE UNIT CARE IMPROVES OUTCOMES



1.81 per 1000 population ↑ (ON 1.46)

are admitted for acute stroke/TIA

41 hospitals in Ontario have a stroke unit

QHC: 88.1% of stroke patients (ON 56.1%) treated on a stroke unit (Target: >75%)

By Sub regions: Quinte – 84.6% ↑
Rural Hastings – 75.4% ↓

SECONDARY PREVENTION OF STROKE OCCURS ACROSS THE CARE CONTINUUM

REHABILITATION OPTIMIZES RECOVERY



Quinte: 20.4% ↓ (ON 31.4%)**

Rural Hastings: N/A

QHC: 21.0% ↓

of patients accessed inpatient rehabilitation

QHC: 78.6 minutes ↑ per day of (ON 68.9) inpatient therapy was received per patient (Target: 180 minutes)

STROKE JOURNEY CONTINUES AFTER DISCHARGE



QHC: 60.7 days ** ↑ (ON 56.4)

Average number of days spent at home in the first 90 days after stroke

By Sub-Regions: By site: QHC -69.3% ↑ (ON 38.6%)

Quinte – 67.4% ↑; Rural Hastings – N/A**

** received home-based rehabilitation*

By Sub-regions: By site: QHC: 11% ↓ (ON 9.0)**

Quinte 12;** Rural Hastings: 10** median number of visits

QHC: 83.1% ↑ of patients aged 65 and older (ON 74.9%) with atrial fibrillation filled a prescription for anticoagulant therapy within 90 days of acute care discharge*

By Sub-regions: Quinte – 84.0%;
Rural Hastings – 44.4%-88.9%

PATIENT OUTCOMES

QHC: 6.2% ↓ of stroke/TIA patients were readmitted within 30 days (ON 6.6%)

QHC: 9.8% ↓ of stroke/TIA patients died within 30 days (ON 12.1%)

By Sub-regions: Quinte – 8.5% ↑; Rural Hastings - NR%; By Site: QHC – 8.0% ↑** of stroke patients were admitted to long-term care within 1-year post discharge (ON 6.3%)



Ontario Health
CorHealth Ontario

*There is currently no data available for outpatient rehabilitation and secondary prevention clinic.
** 2020/21 Q2 (YTD)