

Stroke Care in in South East – KFL&A, 2020/21



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

STROKE IS A MEDICAL EMERGENCY



Kingston: 67.7% ↑ (ON 66.2%)
Rural FL&A: 62.4 ↑ of stroke/TIA patients arrived at the emergency department by ambulance

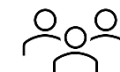
KHSC KGH: 93.0% ↑; KHSC HDH: 100.0% ↑ (ON 81.4%) of patients were referred to secondary prevention services after discharge from the emergency department*

TIME IS BRAIN



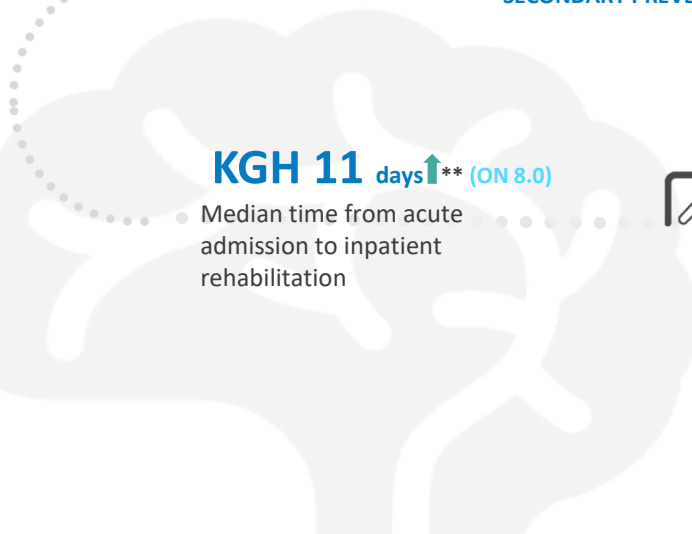
Kingston: 20.5% ↑ (ON 14.1%)
Rural FL&A: 24.7% ↑ of ischemic stroke patients received hyperacute therapy
 By Sub-regions: **Kingston – 16.4%; Rural FL&A – 17.5% (ON 10.5%)**
 tPA (tissue plasminogen activator) (Target: >12%)
KHSC :28 minutes median door-to-needle time (Target: <30 minutes) (ON 44.0)
 By Sub-regions:
Kingston: 6.3%; Rural FL&A: 5.2% - 9.3% (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
KHSC: 80.0% ↑ of stroke patients treated on a stroke unit (Target: >75%) (ON 56.1%)
 By Sub-regions: **Kingston: 82.5% ↑; Rural FL&A – 84.8% ↑**

SECONDARY PREVENTION OF STROKE OCCURS ACROSS THE CARE CONTINUUM



REHABILITATION OPTIMIZES RECOVERY



Kingston: 32.9% ↑ (ON 31.4%)**
Rural FL&A: 33.7% ↑ of patients accessed inpatient rehabilitation

PCH: 74.9 minutes ↑ per day of inpatient therapy was received per patient (Target: 180 minutes) (ON 68.9%)

STROKE JOURNEY CONTINUES AFTER DISCHARGE



KHSC: 54.3 days ↑ (ON 56.4)** Average number of days spent at home in the first 90 days after stroke
 Home - based Rehab
 By Sub-regions: **Kingston: 63.1%** ↑; Rural FL&A: 76.9% ↑** (ON 38.6%)
 received home-based rehabilitation*
KHSC: 14 ↑** median number of visits (ON 9.0)
 By Sub - regions: **Kingston – 13 ; Rural FL&A: 15**

KHSC: 75.4% ↑ of patients aged 65 and older with atrial fibrillation filled a prescription for anticoagulant therapy within 90 days of acute care discharge* (ON 74.9%)
 By Sub-Regions: **Kingston: 80.0% ↑**
Rural FL&A – 61.5-92.3%

PATIENT OUTCOMES

KHSC: 6.1; L&ACGH: 0.0% ↑ of stroke/TIA patients were readmitted within 30 days (ON 6.6%)
KHSC: 13.3% ↓ of stroke/TIA patients died within 30 days (ON 12.1%)
 By Sub-regions: **Kingston – 6.9% ↑; Rural FL&A – 9.7%** ↓; By Site: KHSC – 7.0% ↑** of stroke patients were admitted to long-term care within 1-year post discharge (ON 6.3%)

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