

Stroke Care in South East – LL&G-BrGH 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



LL&G: 68.8%↑ (ON 66.2%)

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

BrGH: 82.4%↑ of patients (ON 81.4%)

were referred to secondary prevention services after discharge from the emergency department*

TIME IS BRAIN



LL&G: 23.1%↓ (ON 14.1%)

of ischemic stroke patients received hyperacute therapy

By Sub-region: LL&G – 16.5% tPA (ON 10.5%) (tissue plasminogen activator) (Target: >12%)

N/A minutes median door-to-needle time (Target: <30 minutes) – **28 min** at KHSC (ON 44.0)

LL&G: 9.5% EVT (Endovascular therapy) (ON 5.8%)

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

BrGH: 65.1%↓ of stroke patients (ON 56.1%) treated on a stroke unit (Target: >75%)

By Sub-region: LL&G – 65.4% ↓

SECONDARY PREVENTION OF STROKE OCCURS ACROSS THE CARE CONTINUUM

REHABILITATION OPTIMIZES RECOVERY



LL&G: 21.6%↑** (ON 31.4%)

BrGH: 17.6%↑**

of patients accessed inpatient rehabilitation

BrGH: 76 minutes↓ per day of (ON 68.9) inpatient therapy was received per patient (Target: 180 minutes)

STROKE JOURNEY CONTINUES AFTER DISCHARGE



BrGH: 60.6 days ** ↔ (ON 56.4)

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

By Sub-region: LL&G: 67.5%↑** received home-based rehabilitation*

LL&G: 10%↓** median number of (ON 9.0) home rehab visits

BrGH: 68.8%-93.8%↑ of patients aged (ON 74.9%) 65 and older with atrial fibrillation filled a prescription for anticoagulant therapy within 90 days of acute care discharge*

By Sub-region: LL&G – 62.9%-74.3%

PATIENT OUTCOMES

BrGH: 5.3%↓ of stroke/TIA patients were readmitted within 30 days (ON 6.6%)

BrGH: 5.1%↑ of stroke/TIA patients died within 30 days (ON 12.1%)

By Sub-region: LL&G – 8.3%↓**; **By Site: BrGH: 8.9%↓**** 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)

