Integrated Stroke Unit

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ISU patients

- Types of CVAs & volumes
- Benefits
- Disposition options
- Discharge process
- Follow-up post-acute stroke
- ER patients



Integrated Stroke Unit

- Opened on October 12, 2021
- 12-bed unit
- Supported by a skilled multidisciplinary team including stroke coordinator, SW, PT, OT, SLP, RNs/RPNs









Who is admitted?

- Acute CVA outside window for TNK or EVT
- High-risk TIA

From where?

- Admission from Brockville ER
- Direct admission from P/SF ER
- Patients from tertiary care who have received hyperacute interventions and require ongoing ISU care



Volume of stroke admissions:

- 187 total
 - Ischemic: 143
 - Haemorrhagic: 14
 - High-risk TIA: 30
- 143 patients from BGH and 44 patients from PSFDH



Benefits of an ISU

- Reduced morbidity and mortality
- Reduced complications



- Staffing
- Communication
- Investigations
- Management

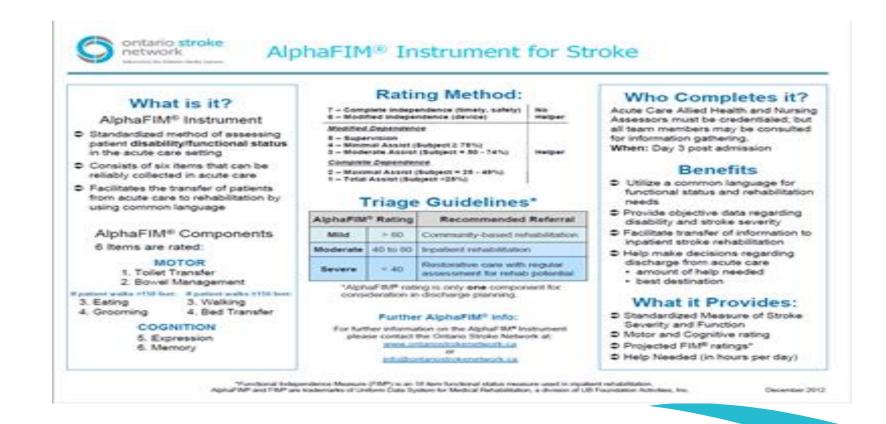


Post acute stroke care

- Transition to inpatient Rehab within ISU
- Discharge home
- If from P/SF area: repatriation for ongoing medical care & Rehab, if appropriate



ALPHA-FIM





Acute to Rehab

Acute to Community

Rehab to Community

- FIM 40-80 (moderate)
- FIM < 40 (severe): trial of Rehab vs CMM
- 31.1% are transitioned to the BGH Rehab unit
- FIM > 80 (mild)
- Community-based Rehab via HCCSS
- Consider pre-home OT assessment
- Referral to peer stroke support
- *P/SF: day hospital
- HCCSS referral
- Consider pre-home OT assessment
- Referral to peer stroke support



Discharge from ISU

- Review FAST/911 and other resources
- Medication review
- Personalized discharge checklist





75 Charles Street Brockville, ON K6V 1S8 (613) 345-5649 www.bgh-on.ca

Discharge Plan Checklist

During your admission you had Social Work support from me Natalie Aitken MSW /RSW. If you have a question for me I can be reached at the hospital at 613-456-5649 ex 52224.

Recommended Services

SELHIN Home and Community Care 1-800-267-6041

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Your care team recommended you be assessed for the following services:
Occupational Therapy, Physiotherapy, Speech Language Pathology, Rapid
Response Nurse, Wound Care Nursing, Social Work and Personal Support
Worker. Equipment: over the toilet commode, 4WW.

Community Primary Health Care: Peer Stroke Support

 \boxtimes

During your stay here you met Jennifer from CPHC. She runs Peer Stroke Support and the Adult Day Program. Their number is (613) 342-4076. They will phone you in 1-2 weeks to review the supports they offer.

Stroke Prevention Clinic (Brockville General Hospital) 613-345-5649 ext. 51257. This outpatient clinic will phone you to book a follow up appointment in the next 1-2 months.

Urology – during your stay you were referred for follow up with Dr. Roberts. This clinic will phone you to book a follow up appointment.

You are encouraged to contact your family doctor and book a follow up appointment in the next 7 to 10 days to have an appointment.

Reminders Before Discharge:

- Review discharge medications with your nurse
- Review follow-up appointments with your nurse
- Understand any activity limitations/ what symptoms should I watch for



Discharge from ISU

MD discharge summary includes results of investigations, medications initiated, driving, etc

• Include instructions for any FP follow-up; Holter results, antiplatelet

therapy, anticoagulation

Assessment/Plan: []

- 1. CVA:
- Etiology: []
- Deficits: []
- Antiplatelet: []
- Anticoagulation: (if indicated)
- Hypertension: []
- Dyslipidemia: LDL []
- HbA1C: []
- Arrhythmia screening: [indicate if follow-up required]
- Vascular imaging: []
- Driving: [MTO Report Sent yes/no?]
- Community referrals: []
- SPC/VPC follow-up



Patients discharged from ER

Low-risk TIA not needing admission



Peter Langhorne; The Stroke Unit Story: Where Have We Been and Where Are We Going?. *Cerebrovasc Dis* 1 December 2021; 50 (6): 636–643. https://doi.org/10.1159/000518934)

Lo A, Tahair N, Sharp S, Bayley MT. Clinical utility of the AlphaFIM® instrument in stroke rehabilitation. Int J Stroke. 2012 Feb;7(2):118-24. doi: 10.1111/j.1747-4949.2011.00694.x. Epub 2011 Nov 22. PMID: 22103839.



Thank You!