

Process for Non-tPA Hospitals to

Access Stroke Consultation and/or EVT Services

for Patients Presenting within 6-24 Hours of Stroke Symptom Onset

CESN Regional Consultation

March 5, 2020

Dr. Alyssa Fiddler, CESN Regional Medical Director

Cheryl Moher, CESN Regional Director











Objectives

- Review highlights of CorHealth's draft process for non-tPA hospitals to access EVT for patients presenting within 6-24 hours
- Discuss regional, cross regional, and local planning considerations
- Review draft OHTAC CT Perfusion Imaging Recommendation to facilitate patient selection for patients presenting within 24 hours
- Discuss next steps to confirm local resources















January 2020

- Background
- Issue
- Standards
- Regional Processes















Draft Process for Non-tPA Hospitals (i.e. community hospitals) to Access Stroke Consultation and/or EVT Services for Patients Presenting within 6-24 Hours of Stroke Symptom Onset.

January 2020

Background

- Urgency
- Paramedic Prompt Card patients presenting within 6 hours
- CSBPR updated to include expanded treatment window for EVT















January 2020

Issue

Clear direction with respect to the recommended processes for community hospitals (non- tPA hospitals) to access stroke consultation and/or EVT services for patients presenting within the 6-24-hour time window of symptom onset is required to progress the responsiveness of the health system, optimize patient outcomes, and encourage adequate planning and resource allocation.















Draft Process for Non-tPA Hospitals (i.e. community hospitals) to Access Stroke Consultation and/or EVT Services for Patients Presenting within 6-24 Hours of Stroke Symptom Onset.

January 2020

Standards

1.1 Initial ED Evaluation

 All patients with suspected ischemic stroke who arrive within 6-24 hours of stroke symptom onset should be screened using a validated Large Vessel Occlusion Screening Tool (e.g. ACT FAST).















January 2020

Standards

1.2 Neurovascular Imaging - Imaging and NonImaging Hospitals

 Patients with a probable Large Vessel Occlusion Stroke, based on the Large Vessel Occlusion Screening Tool, should undergo immediate brain imaging (within 15 min) as per the established provincial imaging protocol of non-contrast computerized tomography (NCCT), immediately followed by multiphase CT angiography (CTA) (see Appendix A for standard imaging protocol). Note: current evidence for selecting patients for EVT up to 24 hours of symptom onset utilized CT Perfusion (CTP) with quantitative software however this is only currently available at a limited number of designated stroke hospitals.















Process for Non-tPA Hospitals (i.e. community hospitals) to Access Stroke Consultation and/or EVT Services for Patients Presenting within 6-24 Hours of Stroke Symptom Onset.

January 2020

Standards

1.2.2

 CritiCall Ontario is to be informed if regional processes require their services to facilitate stroke consultation. All 'Life or Limb' patient consultations require the use of CritiCall. If required, a mapping of non-tPA hospitals to the appropriate consultation hospital (e.g. Regional Stroke Centre or District Stroke Centre) should be provided to CritiCall.















January 2020

Regional Processes

The following guiding principles should be considered when developing regional processes.

- 1. Optimize patient experience by ensuring appropriate patient selection and avoiding unnecessary transfers
- 2. Represents an expectation that can be achieved safely, effectively and efficiently
- 3. Reflect best practice
- 4. Enable equitable geographic access
- 5. Ensure responsible use of resources

Note: Regional processes that require cross-region collaboration should be not be developed in isolation. All stakeholders impacted by the process should be involved in the decision-making process.

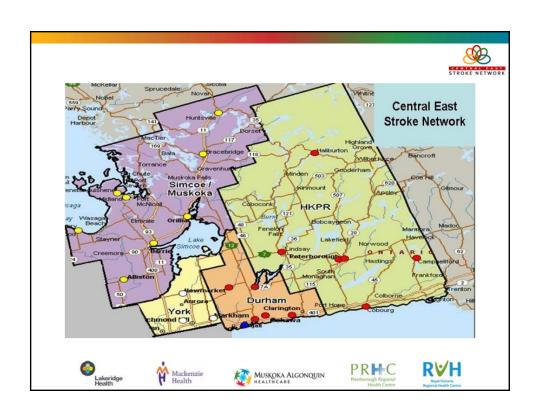


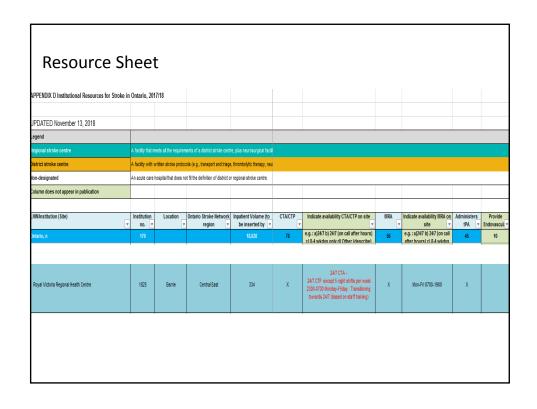




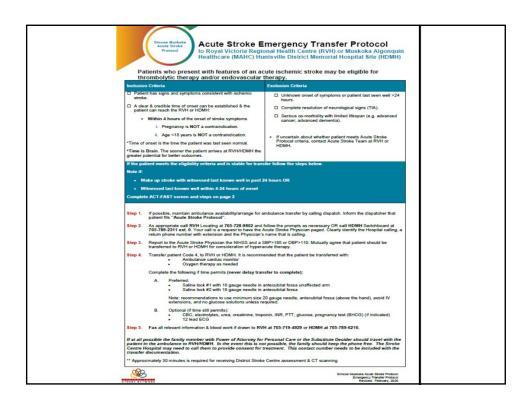


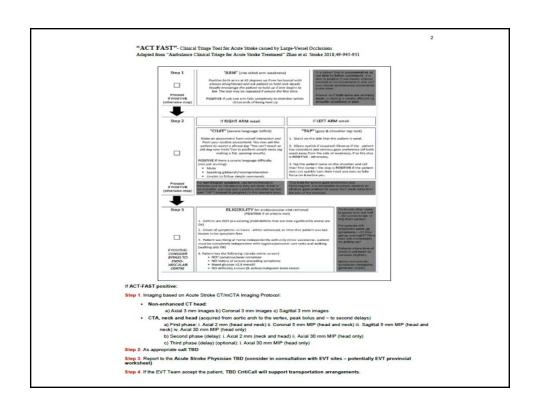












Automated CT Perfusion Imaging to Aid in the Selection of atients With Acute Ischemic Stroke for mechanical Thrombectomy: Recommendation

Draft Recommendation

 The Quality business unit at Ontario Health, based on guidance from the Ontario Health Technology Advisory Committee, recommends publicly funding mechanical thrombectomy within 24 hours of acute ischemic stroke, and that public funding include the costs of assessment with automated CT perfusion imaging to facilitate patient selection











Next Steps



- Confirm local capacity to complete screening and imaging on a 24/7 basis
- Confirm local capacity to read images on a 24/7 basis
- Identify what supports are required to advance this planning
- Request responses to your District Stroke Coordinator by March 31, 2020
- Feedback will inform planning discussions with EVT delivery sites













District Stroke Centre Contacts

- <u>Simcoe</u>: Cheryl Moher, Regional Director, Simcoe Stroke Coordinator Telephone: 705-728-9090 ext 46300 Email: <u>moherc@rvh.on.ca</u>
- <u>Muskoka</u>: Laura Derbyshire, District Stroke Coordinator
 Telephone: 705-789-2311 ext 2223 Email: <u>laura.Derbyshire@mahc.ca</u>
- <u>HKPR</u>: Erin McHattie, District Stroke Coordinator
 Telephone: 705-743-2121 ext 3946 Email: emchatti@prhc.ca
- <u>Durham</u>: Amy Maebrae-Waller, District Stroke Coordinator
 Telephone: 905-576-8711 ext 2553 Email: <u>awaller@lh.ca</u>
- York: Yasmin Visram, District Stroke Coordinator
 Telephone: 905-883-1212 ext 6215 Email: Yasmin.visram@mackenziehealth.ca













Questions









