Alberta Health Services

Acute Stroke Screen - Non-Primary Stroke Centres

Complete the following to determine if the patient is a potential tPA candidate and/or may be a candidate for Endovascular Therapy (EVT)

Complete **Physical Examination Findings** (below), **then** continue with **screening process** (right)

Physical Examination Findings

Level of Consciousness	Speech
☐ Alert	☐ Normal
☐ Responds to Verbal	☐ Slurred
☐ Responds to Pain only	☐ Incomprehensible or mute
☐ Unresponsive	

Leg Strength
☐ Normal
☐ Right-Drifts down
☐ Left-Drifts down
☐ Right-Falls rapidly
☐ Left-Falls rapidly

Facial Smile	**LAMS**
Smile, show teeth, raise eyebrows and squeeze eyes shut	
☐ Normal (0)	
☐ Right-Droop (1)	
☐ Left-Droop (1)	

Arm Strength
Elevate with palm down and hold for 10 second count *(45 degrees if laying down, 90 degrees if sitting)*
☐ Normal (0)
☐ Right-Drifts down (1)
☐ Left-Drifts down (1)
☐ Right-Falls rapidly (2)
☐ Left-Falls rapidly (2)

Grip Strength
Have patient try to grasp examiners fingers
☐ Normal (0)
☐ Right-Weak grip (1)
☐ Left-Weak grip (1)
☐ Right-No grip (2)
☐ Left-No grip (2)

Total LAMS Score	

Screening Process

Is blood glucose level greater than 3.0 mmol/L?
☐ No ➡ Treat hypoglycemia, then continue screening process
☐ Yes ➡ Continue screening process

Patient last seen normal **less than 6 hours** ago or **awoke with stroke symptoms**?
☐ No ➡ **Not an Alteplase (tPA) or EVT candidate**. Call RAAPID for non-urgent consult
☐ Yes ➡ Continue screening process

Is one or more red Physical Examination Findings checked?

☐ No ➡ May not be stroke. Consult through RAAPID as necessary
☐ Yes ➡ **Patient is a potential Alteplase (tPA) candidate**
Call RAAPID - state that you have a STAT stroke
RAAPID will assist with LAMS Scoring

Is the LAMS Score 4 or greater?

☐ No ➡ Depending on geographical location, transfer to nearest PSC/CSC

☐ Yes ➡ **Patient is a potential EVT candidate**
Stroke Neurologist will consult and direct if patient should be transferred to a Comprehensive Stroke Centre (CSC) or nearest Primary Stroke Centre (PSC)
Confirm transportation
If transportation is planned use the term "Red Referral"

Los Angeles Motor Scale (LAMS) Scoring
1. Score the **affected side** using the values provided
2. Score Facial smile, Arm strength and Grip strength
3. Calculate Score (0-5)

A score of 4 or greater is predictive of large artery occlusion

Practitioner Name *(print)*	Practitioner Signature	Date *(yyyy-Mon-dd)*