

# LAMS SCORECARD

Would this patient benefit from StrokeEVT?



## STEP 1 FACIAL DROOP

Ask the person to smile. Is there any weakness or facial droop?

- 0 Absent
- 1 Facial droop present



## STEP 2 ARM DRIFT

Bring the person's arm(s) up to a 90° angle and ask them to hold that position for 10 seconds. Is there any drift or drop of an arm?

- 0 Absent
- 1 Drifts Down
- 2 Falls Rapidly



## STEP 3 GRIP STRENGTH

Ask the person to grip your hands. Does one hand have less power than the other?

- 0 Normal
- 1 Weak Grip
- 2 No Grip

LVO  
positive If  
score is  
 $\geq 4$

## STEP 4 ADD SCORE

Total possible score is 5

*If LAMS score is positive (4 or greater), patient may be eligible for EVT*

- **Los Angeles Motor Scale (LAMS)** is a brief 3-item stroke severity assessment measure designed for pre-hospital use.
- It identifies possible **large vessel occlusion (LVO) stroke** & potential eligibility for endovascular thrombectomy (EVT).
- *A score of 4 or greater is considered positive.*
- Patients scoring 4 or 5 may benefit from EVT to reduce or eliminate disability.

### Key Messages for Southeastern Ontario

1. There is **NO change across Southeastern Ontario in terms of stroke bypass/re-direct**. The process is the **usual Acute Stroke Protocol process** for paramedics. Patients who fit prompt card criteria will go to closest Stroke Centre if within 6 hr time window. Outside 6-hr time window, they go to local hospital ED who will assess & decide on transfer to KGH for EVT. **EDs are using ACT FAST as their LVO screen/triage tool & can transfer directly to KGH on stroke protocol if ACT FAST positive in 6 to 24 hour time window.**
2. Paramedics **provide CACC with actual LAMS score.**
3. Paramedics **let local hospital ED know they have a patient that is LVO positive when patching in about Acute Stroke Protocol.** This gives ED a **“heads up”** to help EDs make faster decisions about Acute Stroke Protocol including transfers.