

**911 Call Centre**  
**911 call received**  
 Notify appropriate AHS Communication Centre

**AHS Comm. Centre**  
 Notify EMS unit  
 Notify MFR (if applicable)

MFR first on scene (if applicable)?

Yes

No

Stroke Screen positive or LAMS score 4 or greater?

Yes

No

**MFR**  
 Alert incoming EMS unit (if unable, alert EMS upon their arrival) of the positive Stroke Screen or LAMS score and provide supportive care following appropriate MFR protocols until EMS arrives

**MFR**  
 Supportive care following appropriate MFR protocols until EMS arrives

**EMS**  
 Arrive to patient  
 Perform and document EMS Stroke Screen and LAMS

EMS Stroke Screen Criteria positive?

No

Yes

**EMS**  
 Pre-notification and transport to the closest medical facility  
 Or  
 If unsure, consider OLMC

LAMS score 4 or greater?

Yes

No

In Calgary, Edmonton Or close to a PSC or CSC?

Yes

No

**EMS**  
 Pre-notification and rapid transport to the most appropriate CSC or PSC

**EMS**  
 Call OLMC number and state "I have a STAT Stroke patient with a LAMS score of (4 or 5)"  
 Transport as directed

**ELC**  
 EVT SOP initiated: Contacts Transport MD and RAAPID for 4-way communication with EMS practitioner

**RAAPID**  
 EVT SOP initiated: Contacts Stroke Neurologist for 4-way communication with practitioner and Transport MD

EVT eligible?

No

Yes

**ELC**  
 Connect EMS practitioner with the most appropriate PSC or CSC

**EMS**  
 Provide pre-notification and rapid transport to the most appropriate PSC or CSC

Direct to CSC?

No

Yes

**EMS**  
 Proceed to the most appropriate PSC

**RAAPID**  
 Connects PSC Neurologist (or most appropriate PSC MD) and ED triage to the call with Stroke Neurologist, Transport MD and RAAPID  
 Notifies appropriate AHS Communication Centre

**Stroke Neurologist /PSC Neurologist (or most appropriate PSC MD)**  
 Stroke Neurologist provides report and ETA to PSC Neurologist (or most appropriate PSC MD) and ED triage  
 Stroke Neurologist and PSC Neurologist (or most appropriate PSC MD) discuss plan of care

**RAAPID**  
**AHS CC**  
**ELC**  
**Transport MD**  
 Proceed with identifying appropriate team for transfer to CSC post-PSC diagnosis and care

**EMS**  
 Arrive to PSC  
 Remain with patient (unless otherwise directed) at PSC until diagnosis confirmed

**PSC**  
 STAT Stroke pathway until diagnosis confirmed

**ELC**  
 Connect EMS practitioner with the most appropriate CSC

Additional transport requirements?

Yes

No

**RAAPID**  
 Pre-alert appropriate CSC of incoming EVT patient

EVT eligible?

Yes

No

Yes

No

**AHS CC**  
**ELC**  
**Transport MD**  
 In direct to CSC model: Proceed with identifying appropriate team for transfer to CSC

**EMS**  
 Care transferred to appropriate transfer team at pre-identified rendezvous point

**EMS**  
 Care transferred to PSC

**PSC**  
 Ensure transfer to CSC is cancelled via RAAPID (if not already aware)

**RAAPID**  
 Notify appropriate AHS Communication Centre, ELC and CSC to cancel transfer to CSC

**EMS**  
 Rapid transport and provide pre-notification to CSC