

Terminology

Learning Session 3
Calgary, AB









STAT! Stroke and Red Findings

- STATstroke means three things:
 - Acute stroke diagnosis
 - Within 6h of stroke onset OR stroke-on-awakening
 - 1 or more "red" findings on the provincial stroke screen



Red Findings from EMS Stroke Screen

Patent last seen neurolo Date (nyy-Monds) Patient Family member Other (specify) Complete Physical Exten continue with scre Physical Examination Level of Consciousness Nater Alert Spec Alert Standard Ornesponsive Onnesponsive Arm Strength Nomal Nomal Right-Pats down Right-Pats Righ	agically normal Time (htmm) camination Fin bening process in Findings	Patien Patien Histor	nt last y prov belov ial Sm ormal	seen vider n	Event number Witness phone Witness phone Witness phone Histor provider phone Is blood gluesse level greater than 3.0 mmo/L? No Transport to closest medical facility of the continue screening process Is one or more red Physical Examination Findings checked? No Transport to closest medical facility of the continue screening process Last seen normal to arrival at Primary or		
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Pain Unresponsive Arm Strength Normal Night-Drifts down Left-Drifts down Right-Falls					Last seen normal to arrival at Primary or		
Unresponsive Arm Strength Normal Right-Drifts down Left-Drifts down Right-Falls							
Arm Strength					Comprehensive Stroke Centre less than 4.5		
□ Normal □ N Normal □ Right-Drifts □ R □ Left-Drifts down □ Right-Falls □ R					hours? No — Continue screening process —		
□ Right-Drifts □ R down □ Left-Drifts down □ Right-Falls ra	Strength	Hand Grips		os	Stroke Screen is positive. En route, provide early pre- notification to closest Primary or Comprehensive Stroke Centre and notify the triage nurse of an "Acute Disabiling Stroke"		
down □ Left-Drifts down □ Right-Falls	lormal	□ Normal					
☐ Left-Drifts down ☐ R ☐ Right-Falls ra		n □ Right-Weak		/eak			
☐ Right-Falls ra	eft-Drifts down				notification to closest Primary		
	agnt-Haus apidly	☐ Left-Weak		aĸ	or Comprehensive Stroke Centre		
	apiury eft-Falls rapidly	grip v □ Right-No grip		o arin	and notify the triage nurse of an		
□ Left-Falls	on i and laplary		eft-No		"Acute Disabling Stroke"	18	
rapidly				-	Last accompanied to arrived at Drime - :	Si .	
Thrombolytic Criteria		Yes	No	U/K	Last seen normal to arrival at Primary or Comprehensive Stroke Centre between 4.5 - 6		
On warfarin therapy at	present				hours?		
Recent MI within 3 months					☐ No → Continue screening process —		
Recent stroke within 3 months					☐ Yes → 5m screening process.		
Recent trauma within 3	3 months				•		
Recent surgery within 3	3 months				Treat and transport as per local stroke strategy guidelines		
Recent bleeding (including GI) within 3		1			stione stiategy guidantes		
months		-			Awoke with symptoms?		
Recent seizure activity within 24 hours		8			□ No → Transport to dosest medical facility		
EMS Care and Transport		~	Yes	No	☐ Yes		
Was the nearest hospita					stroke strategy guidelines Practitioner name (print) Date (pyw-Mo		

Physical Examination Findings							
Level of	Speech	Facial Smile					
Consciousness	□ Normal	□ Normal					
□ Alert	☐ Slurred	□ Right-Droop					
□ responds to	☐ Incomprehensible	☐ Left-Droop					
Verbal	or mute						
□ responds to							
Pain							
■ Unresponsive							
Arm Strength	Leg Strength	Hand Grips					
□ Normal	□ Normal	□ Normal					
□ Right-Drifts	☐ Right-Drifts down	□ Right-Weak					
down	☐ Left-Drifts down	grip					
☐ Left-Drifts down	□ Right-Falls	□ Left-Weak					
□ Right-Falls	rapidly	grip					
rapidly	□ Left-Falls rapidly	☐ Right-No grip					
□ Left-Falls		☐ Left-No grip					
rapidly							

LAMS 4-5

- Los Angeles Motor Scale (LAMS)
- The LAMS score assesses stroke severity on a scale from 0-5.
 - Typically done in the field by EMS
 - Quick and easy to perform
- LAMS 4-5 implies an acute stroke case for possible additional endovascular intervention.

LAMS

LOS ANGELES MOTOR SCALE (LAMS)

	Normal	Right	Left	Total
Facial smile/grimace	F (0)	► Droop (1)	► Droop (1)	
Grip	F (0)	► Weak grip (1) ► No grip (2)	► Weak grip (1) ► No grip (2)	
Arm strength	Arm strength		► Drifts down (1) F Falls rapidly (2) TOTAL Score	



Red Referral [RAAPID]

- Urgent transport, or urgent case that requires emergency telemedicine or emergency transport.
- When speaking with RAAPID:
 - Answer "yes" to the question about emergency transport for LAMS >=4; answer "no" to the question about emergency transport for LAMS 1-3.

