

# Los Angeles Motor Scale (LAMS) Scoring

LAMS testing:

Facial Droop: Smile (EMS Stroke Screen); Show teeth, raise eyebrows and squeeze eyes shut (NIHSS)

Arm Drift: Elevate with palm down, 45 degrees if lying, 90 degrees if sitting. 10 second count.

Grip Strength: Have patient try to grasp examiners fingers

LAMS	Score the Affected Side	Description	Corresponding NIHSS score
Facial Droop	0 Absent	No facial asymmetry. Normal.	Facial Palsy 0-1
	1 Present	Partial or complete lower facial droop	Facial Palsy 2-3
Arm Drift	0 Absent	No drift. Normal.	Motor Arm 0 (Normal)
	1 Drifts down	Drifts down but does not hit the bed within 10 sec.	Motor Arm 1 (drift)
	2 Falls rapidly	Arm cannot be held up against gravity and falls to the bed within 10 sec.	Motor Arm 2-4
Grip Strength	0 Normal	Normal.	No NIHSS for this. Scored 0 if admission neuro exam rated grip strength as 5 (normal)
	1 Weak grip	Weak but some movement.	Admission neuro exam rated grip strength as 4 (weak), 3 (some movement against gravity), or 2 (some movement, but not against gravity)
	2 No Grip	No movement. Muscle contraction be seen but without movement.	Neuro exam rated grip strength as 1 (muscle contraction but no movement) or 0 (no muscle contraction)
TOTAL	= ____ (Range 0-5)		A score $\geq 4$ is highly predicted of large artery occlusion

*From Stroke 2008 Aug; 39 (8) 2264-2267 "A Brief Prehospital Stroke Severity Scale Identifies Ischemic Stroke Patients Harboring Persisting Large Arterial Occlusions"*