

PROTOCOL APPENDICES

APPENDIX Q: STROKE PATIENT ASSESSMENT TRIAGE AND TRANSPORTATION

1. NYC S-LAMS Scale

NYC S-LAMS		
Element	Finding	Score
Facial Droop	Absent	0
	Present	1
Arm Drift	Absent	0
	Drifts Down	1
	Falls Rapidly	2
Speech Deficit	Absent	0
	Present	1
Grip Strength	Normal	0
	Weak Grip	1
	No Grip	2
Total Score		0 → 6

A. For patients exhibiting signs and symptoms of a stroke (CVA), utilize the NYC S-LAMS Stroke Scale:

- 1) Assess for **Facial Droop** – have the patient show teeth or smile
  - Absent – if both sides of the face move equally, the score is **0**
  - Present – if one side of the face does not move as well as the other, the score is **1**
- 2) Assess for **Arm Drift** – have the patient close eyes and hold both arms straight out with palms facing up for 10 seconds
  - Absent – if both arms remain up or move the same, the score is **0**
  - Drifts down – if one arm drifts slowly down compared to the other arm, the score is **1**
  - Falls rapidly – if one arm falls rapidly, the score is **2**
- 3) Assess for **Speech Deficit** – have the patient say a simple sentence, for example, "you can't teach an old dog new tricks"
  - Normal – if the patient uses correct words with no speech slurring, the score is **0**
  - Present – if the patient slurs words, uses the wrong words, or is unable to speak, the score is **1**

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**APPENDIX Q (continued): STROKE PATIENT ASSESSMENT TRIAGE AND TRANSPORTATION**

- 4) Assess for hand **Grip Strength** – have the patient hold both of your hands and squeeze them at same time

Normal – if they squeeze both hands equally, the score is **0**

Weak grip – if one hand has a weaker grip than the other, the score is **1**

No grip – if one hand does not grip at all, the score is **2**

- B. Document the scores for each of the four S-LAMS elements and the total score in the PCR narrative (or PCR pre-assigned fields, if available).

- C. If any of the elements of the NYC S-LAMS Stroke Scale are positive, establish onset of signs and symptoms, and document in the PCR, by asking the following:

- 1) To patient – “When was the last time you remember before you became weak, paralyzed, or unable to speak clearly?”

And / or

- 2) To family or bystander – “When was the last time you remember before the patient became weak, paralyzed, or unable to speak clearly?”

Or

- 3) If the patient woke with the deficit, the time of onset is the time patient went to sleep.

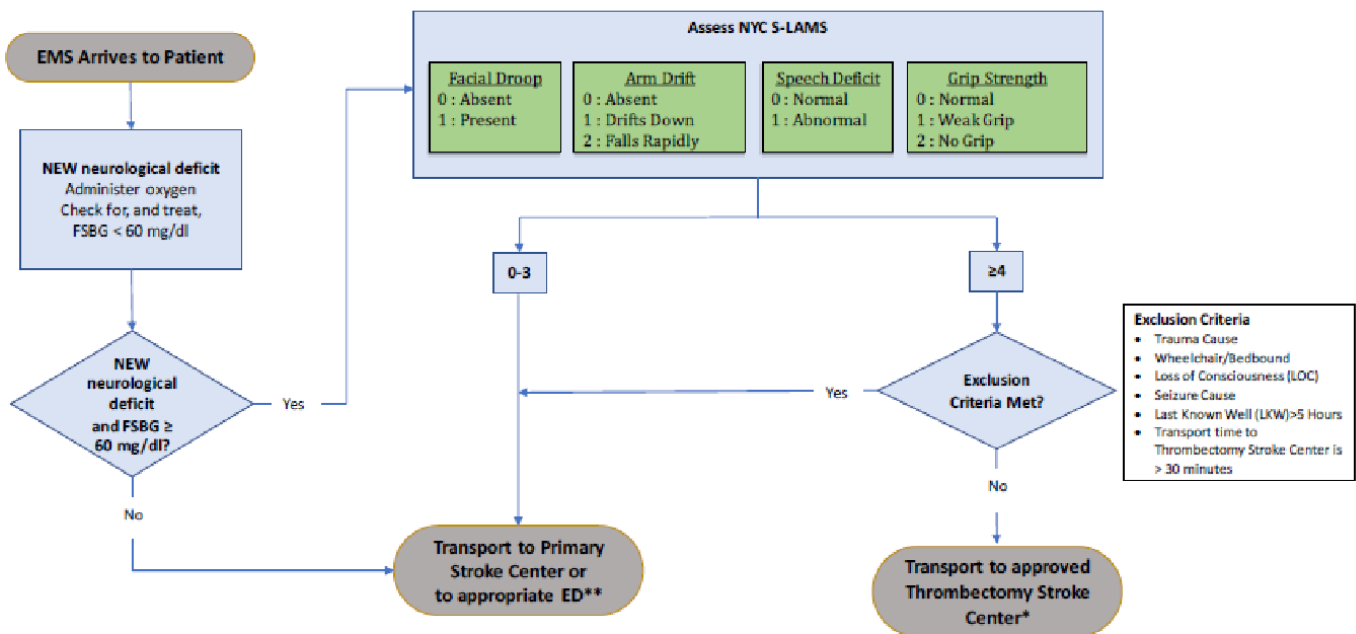
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APPENDIX Q (continued): STROKE PATIENT ASSESSMENT TRIAGE AND TRANSPORTATION

2. Stroke Exclusion Criteria for NYC S-LAMS ≥ 4

If any of the criteria to the right are present on a patient with <b>NYC S-LAMS score ≥ 4</b> , transport should be to the closest appropriate New York City 911 system ambulance Primary Stroke Center	Total time from onset of patient's symptoms to EMS patient contact is greater than 5 (five) hours
	Patient is wheelchair or bed-bound
	Seizure is cause of symptoms
	Loss of Consciousness (LOC)
	Trauma is cause of symptoms
	Transport time to Thrombectomy Stroke Center is > 30 minutes

3. Stroke Triage & Transportation Algorithm



# THE REGIONAL EMERGENCY MEDICAL SERVICES COUNCIL OF NEW YORK CITY

## PROTOCOL APPENDICES

### APPENDIX R: THROMBECTOMY STROKE CENTER DESTINATIONS

NYC Thrombectomy Stroke Centers as of August 22, 2019

<b>BROOKLYN</b>
<ul style="list-style-type: none"><li>• Brookdale Hospital and Medical Center</li><li>• Kings County / NYC Health + Hospitals</li><li>• Maimonides Medical Center</li><li>• New York Presbyterian/Brooklyn Methodist Hospital</li><li>• NYU Langone Hospital - Brooklyn</li></ul>
<b>BRONX</b>
<ul style="list-style-type: none"><li>• BronxCare Hospital Center</li><li>• Jacobi / NYC Health + Hospitals</li><li>• Montefiore Medical Center (Moses Division)</li></ul>
<b>QUEENS</b>
<ul style="list-style-type: none"><li>• Jamaica Hospital Center</li><li>• Mount Sinai Queens Hospital</li><li>• New York Presbyterian/Queens</li></ul>
<b>MANHATTAN</b>
<ul style="list-style-type: none"><li>• Bellevue / NYC Health + Hospitals</li><li>• Lenox Hill Hospital</li><li>• Mount Sinai Beth Israel</li><li>• Mount Sinai Hospital</li><li>• Mount Sinai West</li><li>• New York Presbyterian/Columbia</li><li>• New York Presbyterian/Cornell</li><li>• NYU Langone Tisch Hospital</li></ul>
<b>STATEN ISLAND</b>
<ul style="list-style-type: none"><li>• Staten Island University Hospital – North</li></ul>
<b>NASSAU</b>
<ul style="list-style-type: none"><li>• North Shore University Hospital</li></ul>