EMS Pre-Hospital Checklist

Goal: On-scene time ≤ 15 minutes

- Perform Pre-hospital Stroke Screen
- Identify Last Known Well
- Perform Large Vessel Screening (RACE)
- Perform Blood Glucose
- Start IV
- 12-lead ECG
- Ask if on blood thinners and notify hospital

*Note: Many of these tasks can be performed while transporting

Notifying Hospital of the following:

- Stroke Alert
- Large Vessel Screening Score (RACE 0-9)
- Blood Glucose
- Vital signs
- Last Known Well
- 12-ECG findings
- If known anticoagulant use

Cincinnati Pre-hospital Stroke Scale

1. FACIAL DROOP: Have patient show teeth or smile.

Normal: both sides of the face move equally

Abnormal: one side of face does not move as well as the other side

2. ARM DRIFT: Patient closes eyes & holds both arms out for 10 sec.

Normal: both arms move the same or both arms do not move at all

Abnormal: one arm does not move or drifts down compared to the other

3. ABNORMAL SPEECH: Have the patient say "you can't teach an old dog new tricks."
Normal: patient uses correct words with no slurring   Abnormal: patient slurs words, uses the wrong words, or is unable to speak

INTERPRETATION: If any 1 of these 3 signs is abnormal, the probability of a stroke is 72%.

RAPID ARTERIAL OCCLUSION EVALUATION for Large Vessel Occlusion			
Item	Instruction	Result	Score
Facial Palsy	"show your teeth"	Absent Mild Moderate to Severe	0 1 2
Arm Motor Function	Extending arms 90º/hold 10sec (may raise both arms at same time, pronator drift	Normal to Mild- no drift Moderate drift in < 10 sec Severe- no effort to raise arm	0 1 2
Leg Motor Function	Extending/holding leg 30º for 5 seconds (one at a time)	Normal to Mild- no drift Moderate drift in < 5 sec Severe- no effort to raise leg	0 1 2
Head & gaze deviation	Is head & gaze deviation present?	Absent Present (head & gaze deviation to one side)	0 1
Aphasia (Right side hemiparesis)	Difficulty following 2 commands :close your eyes, make a fist) Do not prompt with visual cues	Normal- performs both tasks correctly Moderate- performs only 1 task correctly Severe- cannot perform either task	0 1 2
OR Do not score for both aphasia AND agnosia - score for only one of these elements			
Agnosia (Left side hemiparesis)	Inability to recognize familiar objects "whose arm is this? Can you move your arm?"	Normal- recognizes arm and attempts to move it Moderate-does not recognize OR is unaware of arm Severe- does not recognize AND is unaware of arm	0 1 2

RACE score ≥ 5 indicative of Large Vessel Occlusion → consider Mechanical Thrombectomy