

CINCINNATI PREHOSPITAL STROKE SCALE

PATIENT REPORT TO ED – KEY ITEMS¹

- Patients' age, sex, weight
- Mechanism of injury or medical problem
- Chief complaint with brief history of present illness
- Associated symptoms
- Past medical history
- Vital signs
- Level of consciousness
- General appearance, distress, cardiac rhythm
- Interventions by EMS (IV, medication administration)
- ETA (the more critical the patient, the earlier you need to notify the receiving facility)

Always follow your state, local or EMS agency/medical directors' protocols.

CINCINNATI PREHOSPITAL STROKE SCALE*

FACIAL DROOP (The patient shows teeth or smiles)	ARM DRIFT (The patient closes their eyes and extends both arms straight out for 10 seconds)	SPEECH (The patient repeats "The sky is blue in Cincinnati")
NORMAL: Both sides of face move equally.	NORMAL: Both arms move the same, or both arms do not move at all.	NORMAL: The patient says correct words with no slurring of words.
ABNORMAL: One side of face does not move as well as the other.	ABNORMAL: One arm either does not move, or one arm drifts down compared to the other.	ABNORMAL: The patient slurs words, says the wrong words, or is unable to speak.

* Adapted from: Kothari RU, Pancioli A, Liu T, Brott T, Broderick J. "Cincinnati Prehospital Stroke Scale: reproducibility and validity." Ann Emerg Med 1999 Apr;33(4):373-8, permission for use

ADDITIONAL INFORMATION

PRE-HOSPITAL MANAGEMENT OF AN ACUTE STROKE²

- Assess the airway, breathing and circulatory status
- Check blood glucose
- Obtain full set of vital signs
- Review patient medications
- Perform 12 lead ECG
- Establish IV access

ACUTE ISCHEMIC STROKE – IV t-PA CONTRAINDICATIONS³

- Active internal bleeding
- Recent intracranial or intraspinal surgery or serious head trauma
- Intracranial conditions that may increase the risk of bleeding
- Bleeding diathesis
- Current severe uncontrolled hypertension
- Current intracranial hemorrhage
- Subarachnoid hemorrhage
- History of recent stroke

1 Campbell S, Robinson MR. Paramedic Lab Manual. Upper Saddle River, N.J.: Pearson Prentice Hall; 2005.

2 Maggioro, W. A. (2012). 'Time is Brain' in Prehospital Stroke Treatment. Journal of Emergency Medical Services. 1-9.

3 Genentech USA, Inc. Highlights of prescribing information, Activase (alteplase for injection, for intravenous use). https://www.gene.com/download/pdf/activase_prescribing.pdf Accessed on April 17, 2018.

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