Stroke Assessment

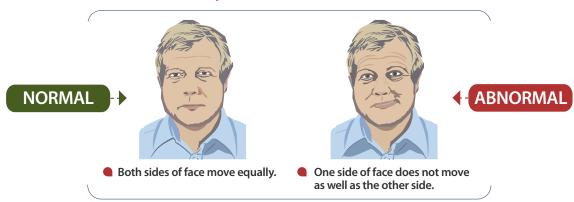




The Cincinnati Prehospital Stroke Scale

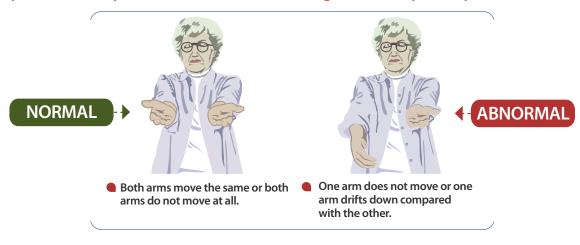
Facial Droop

(have patient show teeth or smile)



Arm Drift

(patient closes eyes and extends both arms straight out, with palms up for 10 seconds)



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.

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

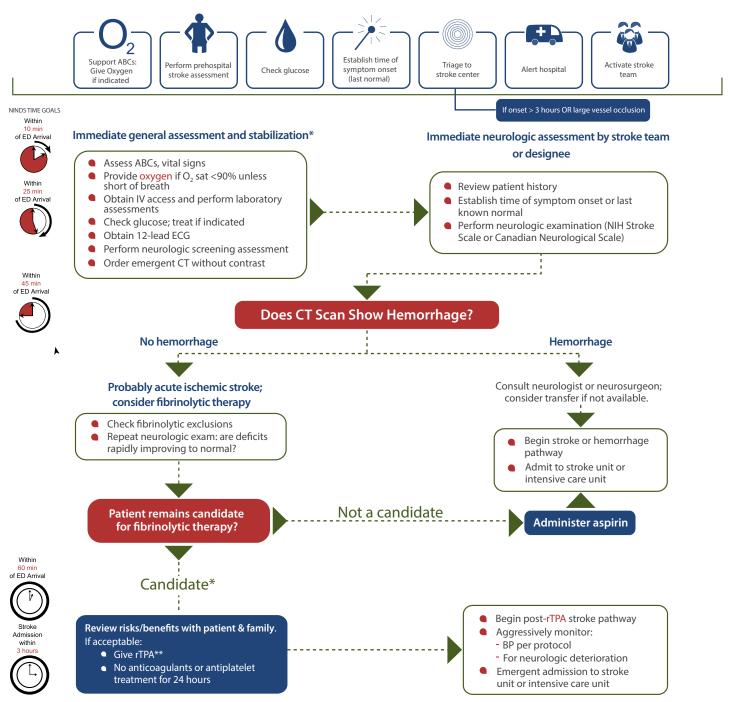
Suspected Stroke Algorithm: Goals for Management of Stroke





Identify Signs and Symptoms of Possible Stroke Active Emergency Response

Critical EMS assessments and actions



^{*}Jauch EC, Cucchiara B, Adeoye O, Meurer W, Brice J, Chan Y-F, Gentile N, Hazinski MF. "Part 11: adult stroke: 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care". Circulation. 2010;122(suppl 3):5818-5828. http://circ.ahajournals.org/content/122/18_suppl_3/S818

** Tissue Plasminogen Activator for Acute Ischemic Stroke. N Engl J Med. 1995:333(24)1581-1587