




EMT-Paramedic Treatment Protocol 4602

Stroke

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Successful management of stroke is a time dependent process. Potential restoration of blood flow to the brain must take place within 3 hours of the onset of symptoms. Patients must receive accurate and efficient evaluation, treatment, and rapid transport to an appropriate facility.

- A. Perform **MAMP Protocol 4201**.
- B. Determine exact time of symptom onset (last time patient seen normal).
- C. Assess patient for the following neurological deficits, **including time of onset of each of the symptoms** (determine *Cincinnati Prehospital Stroke Score*):
 - 1. Speech disturbances (abnormal speech).
 - 2. Facial weakness or paralysis (facial droop).
 - 3. Extremity weakness or paralysis (arm drift).
- D. Immediate transport with head elevated, and on left side if decreased level of consciousness.
- E. Notify Medical Command.
- F. If decreased level of consciousness:
 - 1. Check serum glucose level with glucometer.
 - 2. If glucose level is <80 mg/dl, administer D50W, 25 gm IV.
- G. Obtain 12 lead ECG, if available and causes no delay in treatment or transport.
- H. In **consultation with Medical Command**, establish mode (ground vs. air) and destination of transport. 
- I. If possible, transport a witness, family member, or caregiver with the patient to verify the time of onset of stroke symptoms.