

### **Stroke or Suspected Stroke**

1. Follow **General Pre-hospital Care Protocol**.
2. Utilize the Cincinnati Pre-hospital Stroke Scale (CPSS). Try to elicit the following signs:
  - A. Facial droop (have patient show teeth or smile)
  - B. Arm drift (have patient close eyes and hold both arms straight out for 10 seconds)
  - C. Abnormal speech (have patient say "the sky is blue in Michigan")

***Any deficit in the CPSS is considered positive for stroke.***



3. If the patient is demonstrating signs of hypoglycemia, measure blood glucose level.
  - a. If less than 60 mg/dL, administer oral glucose.

**MCA Approval of Blood Glucose Testing by specific MFR Agencies**  
**(Provide participating agency list to BETP)**

YES

NO

- b. Treat per **Altered Mental Status Protocol**.
4. If seizure, follow **Seizures Protocol**.
5. Document time last seen normal for patient, if known.
6. Minimize scene time, notify destination hospital as soon as possible and begin transport.



7. Initiate vascular access. (**DO NOT** delay scene time for IV.)



8. Monitor ECG. (**DO NOT** delay scene time for ECG monitoring.)

# Michigan ADULT TREATMENT STROKE OR SUSPECTED STROKE

Initial Date: 5/31/2012  
Revised Date: 10/25/2017

Section 3-2

Follow **General Prehospital Care Protocol**

Utilize the Cincinnati Pre-hospital Stroke Scale. Try to elicit the following signs:

- **Face** – facial droop present (have patient show teeth or smile)
- **Arm** – arm drift present (have patient close eyes and hold arms straight out for 10 seconds)
- **Abnormal Speech** – (have the patient say “The sky is blue in Michigan.”)

**MCA Approval of Blood Glucose  
Testing by Specific MFR Agencies**

Provide Agency List to BETP

Yes       No

Obtain blood glucose measurement



If the patient seizes, go to **Seizures Protocol**

If blood glucose is <60 mg/dL, treat per **Altered Mental Status Protocol - Adult**

- Document time last seen normal for patient, if known.
- Minimize scene time, notify destination hospital as soon as possible and begin transport.



Initiate Vascular Access  
(Do not delay scene time)



Monitor ECG  
(Do not delay scene time)