




***Pediatric Seizures***

- I. Follow **Patient Assessment Protocol**.
- II. **IF PATIENT IS ACTIVELY SEIZING:**
  - A. Protect patient from injury.
  - B. Do not force anything between teeth.
  -  C. Administer Midazolam IM according to the MI-MEDIC cards
    - a. If MI-MEDIC unavailable administer Midazolam 0.1mg/kg IM
    - b. Maximum individual dose 10 mg
  -  D. Measure blood glucose level.

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

YES                       NO


-  E. Start IV/IO if needed.
- F. If glucose is less than 40 mg/dL for patients less than 1 year or 60 mg/dL for patients 1 year and above, administer Dextrose according to MI-MEDIC cards.
- G. If MI-MEDIC unavailable, administer Dextrose 0.5 g/kg
  - a. For patients up to 2 months of age, utilize Dextrose 12.5%
  - b. For patients between 2 months and 6 years of age, utilize Dextrose 25%
  - c. For patients age 7 or greater, utilize Dextrose 50%
  - d. May utilize 10% for all ages 5 ml/kg (0.5 gm/kg) up to 250 mL, according to **Dextrose Protocol**.
- H. Per MCA selection, if unable to start IV, administer Glucagon according to MI-MEDIC cards.

**Glucagon Included?**

Yes    No

- I. If MI-MEDIC unavailable
  - a. For patients up to 4 years of age, administer Glucagon 0.5 mg IM
  - b. For patients aged 5 or greater, administer Glucagon 1 mg IM

\*The IO route is a last resort if IV cannot be established and glucagon is not available with online Medical Control approval.

-  J. If IV established and **Midazolam IM** has not been administered, administer **Midazolam, or Lorazepam** per MCA selection.

**Medication Options:**  
**(Choose One)**

Midazolam 0.05 mg/kg IV/IO, maximum individual dose 5 mg

**OR**

Lorazepam 0.1 mg/kg IV/IO, max single dose 4 mg, may repeat in 5 minutes if seizure activity continues; not to exceed 0.2 mg/kg total (maximum of 8 mg)



- K. If seizures persist, per MCA selection, repeat **Midazolam, or Lorazepam** at the same dose or contact medical control for further instructions.
- III. If patient is not currently seizing, but has altered mental status, refer to **ALTERED MENTAL STATUS PROTOCOL**.