



Genesee County
OBSTETRICS AND PEDIATRICS
PEDIATRIC SEIZURES

Initial Date: 11/2012
Revised Date: 2/1/2018


Section: 4-7

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%
- 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 slow IV push until seizure stops, 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)

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- 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**.