

PEDIATRIC SEIZURES

ALWAYS USE BODY SUBSTANCE ISOLATION PRECAUTIONS

INDICATION

- Recurring or continuous generalized seizures with ALOC

CRITICAL INFORMATION

- Treat according to length based color-coded resuscitation tape. Apply corresponding wrist band.
- Neonate = birth to four weeks; infant = four weeks to 1 year; child = 1-14 years; adolescent = >14 years
- Evaluate for and treat hypoglycemia, hypoxia, narcotic overdose, trauma, fever, etc. prior to administering anti-seizure medications

TREATMENT

- ALS RMC
- Vascular access for prolonged seizures
- Check blood glucose and treat if <60 mg/dl (<40 mg/dl neonate):
 - Neonate = **D10W** 2 ml/kg IV/IO
 - < 2 years = **D25W** 2 ml/kg IV/IO
 - ≥ 2 years = **D50W** 1 ml/kg IV/IO
 - If unable to establish vascular access; **Glucagon** .03 mg/kg (max = 1 mg) IM; MR x 2 q 15 minute intervals
- **Midazolam (Versed)**
 - IV / IO: 0.1 mg/kg. May repeat every 5 minutes until seizure stops and/or maximum dose of 5 mg is reached.
 - IN / IM: 0.2 mg/kg (split dose in half for each nostril; maximum dose of 2 cc per nostril). May repeat every 5 minutes until seizure stops and/or maximum dose of 5 mg is reached.

DOCUMENTATION- ESSENTIAL ELEMENTS

- Number, description, and duration of seizures

RELATED POLICIES/ PROCEDURES

- Intranasal Medications Midazolam(Versed) & Narcan ALS PR 7