

TREATMENT PROTOCOL: PEDIATRIC SEIZURE *



1. Basic airway
2. Spinal immobilization prn
3. Pulse oximetry
4. Oxygen prn
5. Assist respirations with bag-valve-mask prn using "squeeze-release-release" technique
6. Advanced airway prn:
ET tube placement approved for patients who are:
 12yrs of age or older **or** weight equal to or greater than 40kg;
King airway approved as a rescue airway for patients who are:
 12yrs of age or older **and** 4 feet tall
7. Cardiac monitor prn: document rhythm and attach ECG strip if dysrhythmia identified
8. Venous access prn
9. Perform blood glucose test (especially for non-febrile seizure)
If blood glucose is less than 60mg/dl:
 Consider oral glucose preparation, if patient is awake and alert
 Dextrose
 Less than 2yrs of age: Dextrose 25% 2ml/kg slow IV push
 2 yrs of age and older: Dextrose 50% 1ml/kg slow IV push up to 50ml
 If unable to obtain venous access:
 Glucagon
 1mg IM
10. Provide cooling measures prn (remove blankets, remove clothing)
11. If patient is still actively seizing (may include tonic and/or clonic activity or focal seizure with altered level of consciousness)
 Midazolam
 Up to 0.1mg/kg slow IV push, titrate to control seizure activity
 0.1mg/kg IM or IN if unable to obtain venous access
 May repeat one time in five minutes, maximum pediatric dose 5mg all routes
 Be prepared to assist ventilations with bag-valve-mask
12. If hypoventilation with suspected narcotic overdose
 Naloxone
 0.1mg/kg IV push, titrate to adequate respiratory rate and tidal volume
 0.1mg/kg IM or IN, if strong suspicion of narcotic overdose
13. **CONTINUE SFTP or BASE CONTACT**
14. If active seizure continues:
 Midazolam
 0.1mg/kg slow IV push, titrate to control seizure activity
 0.1mg/kg IM or IN if unable to obtain venous access
 Total maximum dose 5mg
15. If blood glucose remains less than 60mg/dl:
 Dextrose
 Less than 2yrs of age: Dextrose 25% 2ml/kg slow IV push
 2yrs of age and older: Dextrose 50% 1ml/kg slow IV push up to 50ml
 If unable to obtain venous access
 Glucagon
 1mg IM