



**INLAND COUNTIES  
EMERGENCY MEDICAL AGENCY  
POLICY AND PROTOCOL MANUAL**

**Reference No. 14170**  
Effective Date: 05/01/24  
Supersedes: 04/01/23  
Page 1 of 2

**SEIZURE - PEDIATRIC (Less than 15 years of age)**

**I. FIELD ASSESSMENT/TREATMENT INDICATORS**

- Tonic/clonic movements followed by a brief period of unconsciousness (postictal).
- Suspect status epilepticus for frequent or extended seizures.
- History of prior seizures, narcotic dependence or diabetes.
- Febrile seizures (patients under four (4) years of age).
- Traumatic injury.

**II. BLS INTERVENTIONS**

- Protect patient from further injury; spinal motion restriction if indicated.
- Assure and maintain airway patency after cessation of seizure, with oxygen therapy as indicated.
- Airway management as indicated (OPA/NPA, BVM ventilation).
- Obtain and assess blood glucose level. If indicated administer Glucose - Oral per ICEMA Reference #11010 Medication - Standard Orders.
- Position patient in left lateral position in absence of traumatic injury; watch for absent gag reflex.
- Remove excess clothing and begin cooling measures if patient is febrile.
- Protect patient during transport by padding appropriately.

**III. LIMITED ALS (LALS) INTERVENTIONS**

- Perform activities identified in the BLS Interventions.
- Obtain vascular access.
- Obtain blood glucose level, if indicated administer:
  - Dextrose per ICEMA Reference #11010 - Medication - Standard Orders.
  - May repeat blood glucose level. Repeat Dextrose per ICEMA Reference #11010 - Medication - Standard Orders if indicated.
  - Glucagon per ICEMA Reference #11010 - Medication - Standard Orders, if unable to start an IV.

**IV. ALS INTERVENTIONS**

- Perform activities identified in the BLS and LALS Interventions.
- Establish advanced airway as clinically indicated per ICEMA Reference #11020 - Procedure - Standard Orders for patients who are taller than the maximum length of a pediatric emergency measuring tape (Broselow, etc.) or equivalent measuring from the top of the head to the heel of the foot.
- Place on cardiac monitor if indicated.
- For tonic/clonic type seizure activity administer:
  - Midazolam per ICEMA Reference #11010 - Medication - Standard Orders.
  - Assess and document response to therapy.
  - Base hospital may order additional medication dosages or a fluid bolus.

**V. REFERENCES**

<u>Number</u>	<u>Name</u>
11010	Medication - Standard Orders
11020	Procedure - Standard Orders