



# Jackson Hole Fire/EMS

## Operations Manual

Approved by: Will Smith  
Will Smith, MD, Medical Director

Approved by: Willy Watsabaugh  
Willy Watsabaugh, Chief

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### SEIZURE (Treatment Protocol)

#### ALL PROVIDERS

- Establish responsiveness and perform ABC's.
- Protect the patient from injury during tonic/clonic activity.
- Secure the airway with aggressive suctioning and adjunctive airway equipment. Spinal stabilization if spine injury is suspected.
- Administer oxygen to keep oxygen saturation >94%; if respirations are ineffective, assist ventilations with BVM.
- Post seizure, place patient on left lateral and protect the airway.
- Transport ASAP.
- Monitor patient continuously and be prepared for additional seizure activity.

#### ADULT EMT-BASIC PROVIDER

- Acquire glucometer reading and treat hypoglycemia per protocol

**EMT-INTERMEDIATE PROVIDER**

- Continuous ECG and SaO<sub>2</sub> monitoring
- Consider acquiring ETCO<sub>2</sub> waveform and numerical value. Treat accordingly
- Establish IV/IO of NS TKO, draw blood during IV start.
- If seizure lasts more than 5 minutes or if patient is hypoxic
  - Administer **Diazepam (Voice Order)**
- If altered LOC persists administer **Narcan**.

#### PEDIATRIC EMT-BASIC PROVIDER

- Acquire glucometer reading and treat hypoglycemia per protocol

**EMT-INTERMEDIATE PROVIDER**

- Continuous ECG and SaO<sub>2</sub> monitoring
- Consider acquiring ETCO<sub>2</sub> waveform and numerical value. Treat accordingly
- Establish IV/IO of NS TKO, draw blood during IV start.
- If seizure lasts more than 5 minutes or if patient is hypoxic
  - Diazepam (Valium) (Voice Order)**
    - Max total for <5 yrs: 5 mg
    - Max total for >5 yrs: 10 mg

#### EMT-PARAMEDIC PROVIDER

- Titrate medications to control seizures while keeping the SBP>100mm Hg or positive peripheral pulses
- Diazepam (Valium) or Midazolam**

#### EMT-PARAMEDIC PROVIDER

- Titrate medications to control seizures while keeping the SBP>70 + (age in years x 2) mmHg or peripheral pulses present.
- Diazepam (Valium) or Midazolam**