

# Southern Illinois Regional EMS System

## EE-7 ADULT SEIZURE

### ALS/ILS:

- General Patient Assessment and Initial Medical Care Protocol
- Secure airway and ventilate if necessary
- Administer oxygen: 15LPM NRB or BVM
- Spinal Immobilization Protocol (if indicated)

### POST-ICTAL

- Obtain Blood Glucose
  - Glucose < 60 mg/dL: administer **50% Dextrose 25 gm IV**
    - IV not available: administer **Glucagon 1 mg IM**
- Consider and treat possible causes
- Contact Medical Control

### ACTIVE SEIZURES

- Administer **Diazepam 5 mg IV/IO/Rectal**.
  - If Diazepam is unavailable: administer **Lorazepam 2 mg IV/IO/IM/Rectal**
  - If Diazepam and Lorazepam are unavailable, administer:
    - **Midazolam 2 mg IV/IO**, slow push (30-60 seconds) **OR**
    - **Midazolam 5 mg IM**
    - May repeat the dose x1.
- Obtain Blood Glucose
  - Glucose < 60 mg/dL: administer **50% Dextrose 25 gm IV**
    - IV not available: administer **Glucagon 1 mg IM**
- Consider and treat possible causes
- Contact Medical Control

### NOTES

- Consider ECLAMPSIA with pregnancy: Contact Medical Control
  - ALS: Consider **Magnesium 1gm – 4gm IV/IO**
- Protect the airway and prevent further injury
- Obtain medical history and history of event
- Rectal doses of benzodiazepines are equal to the IV dosing
- Benzodiazepines are to be administered slowly, over 1 – 2 minutes

### BLS:

- General Patient Assessment and Initial Medical Care Protocol
- Secure airway and ventilate if necessary
- Administer oxygen: 15LPM NRB or BVM
- Spinal Immobilization Protocol (if indicated)
- Protect the airway and prevent further injury
- Obtain medical history and history of event
- BLS: Obtain Blood Glucose
  - Glucose < 60 mg/dL and Pt. conscious with ability to swallow: **Oral Glucose 25 gm**
- Transport ASAP
- Consider ALS intercept