

Kittitas County Prehospital EMS Protocols

SUBJECT: GRAND MAL SEIZURES/STATUS EPILEPTICUS

- A. If stable, administer O₂ @ 4-6 lpm per nasal cannula.
- B. If unstable, administer O₂ @ 12-15 lpm per non-rebreather mask.
- C. Physical assessment and history.
- D. Patient may have option of not being transported if;
 - seizure terminates spontaneously
 - patient has history of previous seizures with ongoing medical management of those seizures
 - adult is present
 - the clinical situation dictates
- E. If witnessed continuous seizure activity with respiratory compromise, or repetitive seizures without return of consciousness:
 1. Establish peripheral IV access with **Isotonic Crystalloid @ TKO**.
 2. Administer one of the following:
 - a. **Lorazepam, 1-4 mg**, slow IV push, **or IM**. May repeat in 10-15 minutes.
 - b. **Midazolam 2.5-5mg**, IV, IM, buccal as secondary medication option for those unaffected by Lorazepam.
 3. Establish cardiac monitor.
 4. If medications prove ineffective to control seizure activity, consider RSI to protect airway and ensure adequate oxygenation.