



ORANGE COUNTY EMERGENCY MEDICAL SERVICES  
BASE HOSPITAL TREATMENT GUIDELINES  
SEIZURE / CONVULSION (ADULT/ADOLESCENT)

#: BH-M-40  
Page: 1 of 1  
Org. Date: 12/2006  
Date: 04/01/17

**BASE GUIDELINES**

1. Determine ALS Standing Order treatments/procedures rendered prior to base hospital contact. Use ALS standing order as guidelines for treatments/procedures not initiated prior to base hospital contact.
2. Consider additional midazolam dosing if needed. Maintain continuous pulse oximetry.

**ALS STANDING ORDER**

- For on-going seizure activity:
    - ▶ *Turn to side, protect airway and suction when necessary.*
    - ▶ *Midazolam 5 mg IV/IM/IN; may repeat 5 mg IV/IM/IN once for continued or recurrent seizure activity approximately 3 minutes after initial dose.*
  - Pulse oximetry; if room air oxygen saturation less than 95% give:
    - ▶ *High-flow Oxygen by mask (monitor airway to avoid potential aspiration) or nasal cannula at 6 l/min flow rate as tolerated.*
  - Blood glucose analysis, if blood glucose less than 80, administer one of:
    - ▶ *Oral glucose preparation, if tolerated and airway reflexes are intact.*
    - ▶ *10% Dextrose 250 mL IV*
    - ▶ *Glucagon 1 mg IM if unable to establish IV.*
- Note: IO access may be used for dextrose administration when patient is unconscious with blood glucose < 80, unable to establish IV and there is no response to IM glucagon.*

Approved:

Reviewed: 11/16  
Final Date for Implementation: Apr 01, 2017  
OCEMS copyright © 2017