

	Department Name Address	ALS	Paramedic
		Revision #	
		Implementation Date	
Protocol	2.1.27 Seizures	Last Reviewed/Update Date	
Author / Owner		Medical Director	

This protocol should be used when the patient has had continuous convulsions or repeating episodes without regaining consciousness or respiratory decompensation. Seizures may be caused by epilepsy, infections, poisoning, hypoglycemia, trauma, or decreased levels of oxygen. Care should be focused at maintaining an open airway, adequate oxygenation, protection and treatment of injury and supporting the return to normal mental status.

1. Baseline care standards.
2. Airway management per protocol.
3. Establish IV Normal Saline TKO. Draw blood sample prior to infusing fluids.
4. If patient is eclamptic female, administer:
 - *Magnesium Sulfate 4 gm IV (see pre-eclampsia protocol)*
5. Administer:
 - *Diazepam 5mg IV. If unable to start IV, administer Diazepam 10 PR. May repeat PRN up to 20mg max. dose. Or,*
 - *Lorazepam 2mg IV. If unable to start IV, administer Lorazepam 2mg IM. May repeat once PRN (4mg max. dose). Or,*
 - *Midazolam 2mg IV. May repeat once PRN (4mg max. dose).*
6. Perform blood glucose test. If glucose is < 60mg/dL, administer:
 - *D50 25 gm slow IV. If unable to establish IV:*
 - *Glucagon 1 unit IM.*
7. Gather and transport medications.

Medical Director's Signature

Date

Disclaimer:

The protocols have been developed by the North Dakota Department of Health are meant to be used as general guidance for developing protocols for individual emergency medical services agencies. These sample protocols are not meant to be medical or legal advice; nor do they establish standards of care. Each emergency medical services agency must tailor protocols based on their specific needs or capabilities. Local medical directors must be consulted with and approve any protocol(s) prior to becoming operational in an emergency medical services agency. The North Dakota Department of Health make no representation on the accuracy of information contained herein and accepts no liability for any loss or damage arising from any content error or omission.