

	COUNTY OF SACRAMENTO EMERGENCY MEDICAL SERVICES AGENCY	Document #	8003.02
	<u>PROGRAM DOCUMENT:</u> Seizures	Initial Date:	04/19/21
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Signature on File

EMS Medical Director

Signature on File

EMS Administrator

Purpose:

- A. To establish treatment standards for patients exhibiting signs and symptoms of seizure.

Authority:

- A. California Health and Safety Code, Division 2.5
 B. California Code of Regulations, Title 22, Division 9

Protocol:

A. For any Altered Level of Consciousness (ALOC), consider AEIOUTIPS:

- | | |
|----------|--------------------------|
| Alcohol | Trauma |
| Epilepsy | Infection |
| Insulin | Psychiatric |
| Overdose | Stroke or Cardiovascular |
| Uremia | |

B. Seizures:

- Active Seizures.
- Focal Seizures with respiratory compromise.
- Recurrent seizures without lucid interval.

BLS
<ol style="list-style-type: none"> Supplemental O₂ as necessary to maintain SpO₂ ≥ 94%. Use the lowest concentration and flow rate of O₂ possible. Airway adjuncts as needed. Perform blood sugar determination. Refer to PD# 8002 – Diabetic Emergencies If the patient is seizing, protect the patient from further injury. Transport.
ALS
<ol style="list-style-type: none"> Supplemental O₂ as necessary to maintain SpO₂ ≥ 94%. Use the lowest concentration and flow rate of O₂ possible. Airway adjuncts as needed. Initiate vascular access. Perform blood sugar determination. refer to PD# 8002 – Diabetic Emergencies. Midazolam: <ul style="list-style-type: none"> 0.1mg/Kg in 2 mg increments slow IV push or IN-titrate to seizure control (max dose 6 mg). If IV or IN is not available, Midazolam may be given IM - 0.1 mg/Kg (max dose 6 mg)

in a single IM injection (may be split into 2 sites if sufficient muscle mass is not present for a single injection site).

6. **Diazepam:

- May substitute Diazepam when there is a recognized pervasive shortage of Midazolam. 5-10 mg IVP to control seizures. If no IV access, 10 mg IM. May repeat once. Max dose 20 mg.

7. Cardiac Monitoring.

*Intranasal medications are to be delivered through an atomization device with one-half the indicated dose administered in each nostril.

**Diazepam may only be used when Midazolam is not available or when using Diazepam from CHEMPACK supplies.

Cross Reference: PD# 2032 – Controlled Substance
PD# 8002 – Diabetic Emergencies