



Jackson Hole Fire/EMS Operations Manual

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Title: **Medication Protocol:
Diazepam**

Division: 17

Article: 1.8

Revised: January 2016

Pages: 2

DIAZEPAM (Valium) (Medication Protocol)

EMT-INTERMEDIATE/AEMT

IT IS UNDERSTOOD THAT THIS MEDICATION MAY BE ADMINISTERED ONLY AFTER VOICE AUTHORIZATION HAS BEEN GRANTED EITHER BY A WYOMING LICENSED PHYSICIAN OR A PHYSICIAN SUPPORT PERSON (PA) ACTING AS THE AGENT OF A WYOMING LICENSED PHYSICIAN, OR BY A WYOMING LICENSED REGISTERED NURSE; RELAYING THE AUTHORIZATION FROM A WYOMING LICENSED PHYSICIAN WITH WHOM THE NURSE HAS DIRECT COMMUNICATIONS VIA RADIO OR TELEPHONE.

PARAMEDIC

STANDING ORDER

CLASS: Benzodiazepine

**PHARMACOLOGY/
ACTIONS:** Acts on the limbic, thalamic, and hypothalamic regions of the CNS to potentiate the effects of inhibitory (GABA) neurotransmitters, raising the seizure threshold in the motor cortex.

ONSET/DURATION: Onset: 1-5 min IV / Duration: 15 min - 1 hr

**USE IN FIELD/
INDICATIONS:**

- Acute anxiety states
- Acute alcohol withdrawal
- Skeletal muscle relaxation
- Seizure activity,
- Premedication before cardioversion or TCP
- Vertigo

CONTRAINDICATIONS: Hypersensitivity, shock, coma, CNS depression due to head injury, respiratory depression. Use caution in substance abuse patients.

SIDE EFFECTS: Hypotension, respiratory depression, ataxia, psychomotor impairments, confusion, nausea.

DRUG INTERACTIONS: May precipitate CNS depression and psychomotor impairment in patients who are taking other CNS depressant medications. Diazepam should not be administered with other drugs because of possible precipitation; should be administered into an IV of NS solution

ROUTE: IV, IO, IM, Rectal

DOSAGE:	ADULT	PEDIATRIC (<45 kg)
	2.5 - 5 mg slow IV, IO, IM q 5-10 min prn (max dose: 30 mg)	Infants 30 days – 5 yrs: 0.1 mg/kg slow IV, IO, IM q 5-10 min prn to max 5 mg or 0.2 mg/kg per rectum to max 10 mg Children > 5 yrs: 1 mg slow IV, IO, IM q 5-10 min to max 10 mg or 0.2 mg/kg per rectum to max 10 mg

PREGNANCY SAFETY: Category D – Possible risk to fetus

COMMENTS: **SCHEDULE IV Controlled Substance:**
Security protocol is the responsibility of Jackson Hole Fire/EMS.

DEA Schedule IV drug with potential for abuse. May cause local venous irritation. Has short duration of anticonvulsant effect. Reduce dose by 50% in elderly patients or with known liver disease. Resuscitation equipment should be readily available