

HEALTHEAST MEDICAL TRANSPORTATION
MEDICAL OPERATIONS MANUAL

MIDAZOLAM (VERSED)

Drug Classification: Benzodiazepine

BACKGROUND

Pharmacodynamics

This medication is a short-acting benzodiazepine with CNS depressant, muscle relaxant, anticonvulsant, and anterograde amnesic effects. Versed has no analgesic effect. Onset is 3 to 5 minutes with duration of about 2 hours.

Indications

- Deep procedural sedation prior to external pacing and cardioversion.
- Continued sedation after ROSC or post DFAM.

Contraindications

- Allergy or known hypersensitivity to the medication or other benzodiazepines.
- Systolic blood pressure < 90.

Cautions

- May cause mental, respiratory, and cardiovascular depression. Be prepared to provide respiratory and circulatory support.
- Use with caution when used concomitantly with barbiturates, narcotics, and/or any other CNS depressants.

DOSAGE and ADMINISTRATION

ADULT	PEDIATRICS (less than 60 kg)
<p>1. Administer 5 mg IV/IO over 2 minutes and titrated to effect. May repeat every 5-10 minutes as needed.</p> <p>OR</p> <p>When vascular access is not available or not likely, administer 10 mg IN. This route may require up to 5 minutes to take effect.</p> <ul style="list-style-type: none">• If the desired level of sedation does not occur within 5 minutes a second IN dose can be given at one half the initial dose.• The typical duration of effect for intranasal administration is 20 to 30 minutes. <p>2. Be prepared to support ventilations.</p>	<p>Administer 0.1 mg/kg (max of 5 mg) IV/IO over 2 minutes and titrated to effect. May repeat every 5-10 minutes as needed.</p> <p>OR</p> <p>When vascular access is not available or not likely, administer 0.2 mg/kg IN.¹ This route may require up to 5 minutes to take effect.</p> <ul style="list-style-type: none">• If the desired level of sedation does not occur within 5 minutes a second IN dose can be given at one half the initial dose.• The typical duration of effect for intranasal administration is 20 to 30 minutes. <p>1. Be prepared to support ventilations.</p>

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ADVERSE REACTIONS/SIDE EFFECTS

- Retrograde amnesia
- Paradoxical behavior or excitement
- Headache, hypotension, nausea, vomiting

NOTES

¹ Due to the small volume required for the pediatric patient, when administering this medication IN draw the medication into a syringe and add 1 ml normal saline.

REFERENCE GUIDELINE:

3F Seizures

6E Trauma in Pregnancy