

MIDAZOLAM [VERSED]

DRUG CLASSIFICATION	Benzodiazepine CNS Depressant / Anticonvulsant Agent														
MECHANISM OF ACTION	Binds to stereospecific benzodiazepine receptors on postsynaptic GABA neuron at several sites within CNS; enhances inhibitory effect of GABA on neuronal excitability results by increased neuronal membrane permeability to chloride ions, resulting in a less excitable state and stabilization, producing a sedating effect by relaxing skeletal muscles, and inducing sleep, anesthesia, and amnesia.														
CLINICAL INDICATIONS	Seizure Activity Behavioral Agitation and / or Excited Delirium Sedation for Transcutaneous Pacing and Cardioversion Procedures Sedation for Post-Intubation or Post-BIAD Management of Airway Pain Management in Crush Syndrome Trauma Muscle Spasms Caused by Spider Bites / Bee or Wasp Envenomation														
STANDARD CONTRAINDICATIONS	Hypersensitivity to Midazolam or Relative Components Acute Narrow-Angle Glaucoma														
POTENTIAL ADVERSE EFFECTS	Respiratory Depression / Respiratory Arrest / Nausea / Vomiting / Hypotension														
GENERAL RISKS & PRECAUTION	1) May cause or exacerbate CNS depression and paradoxical reactions such as aggressive behavior. 2) Use caution in patients with renal impairment as half-life may be prolonged. 3) Use caution in patients with respiratory disease such as COPD as they may be more sensitive to the respiratory depressant effects. 4) DO NOT administer MIDAZOLAM if KETAMINE has been administered. MIDAZOLAM is intended for use if KETAMINE is NOT AVAILABLE. MIDAZOLAM can be administered to pediatric patients.														
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MEDICATION ADMINISTRATION

ADULT

PEDIATRIC

Active Seizure with Venous Access vs. No Venous Access:

2 – 2.5 mg [IV/IO]; May repeat every 3 to 5 minutes. (Max Total Dose: 10 mg)
5 mg [IM/IN]; May repeat in 5 minutes. (Max Total Dose: 10 mg)

Behavioral Agitation Sedation Guide Bars: 6 (Agitated / Not Violent)

2 – 2.5 mg [IV/IO] or 5 mg [IM/IN]; Repeat as needed. (Total Max Dose: 10 mg)

Behavioral Hyperactive Delirium with Severe Agitation

***** If Ketamine is not available administer Midazolam as follows:**

If age < 65: 10 mg [IM] Repeat every 5 mins as needed. (Max Total Dose: 20 mg)

If age ≥ 65 : 5 mg [IM]; Repeat every 5 mins as needed. (Max Total Dose: 20 mg)

Post-Intubation / BIAD Management

2 – 2.5 mg [IV/IO]; May repeat every 3 to 5 minutes. (Max Total Dose: 10 mg)

Anxiety Relief in Crush Syndrome Trauma

2 – 2.5 mg [IV/IO] or 5 mg [IM/IN]; Repeat as needed. (Total Max Dose: 10 mg)

Spider Bite / Bee or Wasp Sting with Muscle Spasm

2 – 2.5 mg [IV/IO] or 5 mg [IM/IN]; Repeat as needed. (Total Max Dose: 10 mg)

Sedation for Transcutaneous Pacing or Cardioversion Procedures

2 – 2.5 mg [IV/IO] over 2-3 minutes or 5 mg [IM/IN]; Repeat as needed.
(Total Max Dose: 10 mg)

Obstetrical Emergency with Seizure Activity Present

2 – 2.5 mg [IV/IO] or 5 mg [IM/IN]; Repeat every 3-5 minutes.
(Total Max Dose: 10 mg)

Active Seizure with Venous Access vs. No Venous Access:

0.2 mg / kg [IV/IO]; May repeat every 3 to 5 minutes. (Single Dose Max: 2.5 mg)
(Max Total Dose: 10 mg)

0.2 mg / kg [IM/IN]; May repeat in 5 minutes if needed. (Single Dose Max: 5 mg)
(Max Total Dose: 10 mg)

Pediatric Behavioral Agitation Sedation Guide Bars: 6 (Agitated / Not Violent)

0.2 mg / kg [IV/IO/IM/IN]; May repeat every 3 to 5 min. (Max Total Dose: 10 mg)

Behavioral Hyperactive Delirium with Severe Agitation

0.1 – 0.2 mg / kg [IM]; (Maximum Single Dose: 5 mg)
May repeat every 5 minutes as needed. (Maximum Total Dose: 20 mg)

Post-Intubation / BIAD Management

0.2 mg / kg [IV/IO/IN]; May repeat every 3 to 5 min. (Max Total Dose: 10 mg)

Anxiety Relief in Crush Syndrome Trauma

0.2 mg / kg [IV/IO/IM/IN]; over 2-3 minutes as needed; (Max total dose 10 mg)

Spider Bite / Bee or Wasp Sting with Muscle Spasm

0.2 mg / kg [IV/IO/IM/IN]; over 2-3 minutes; May repeat as needed.
(Single Dose Max: 2.5 mg) (Max total dose 10 mg)

Sedation for Transcutaneous Pacing or Cardioversion Procedures

0.2 mg / kg [IV/IO/IN]; May repeat if needed. (Single Dose Max: 2.5 mg)
(Maximum Total Dose 5 mg)