Midazolam (Versed®) – 20.250

CLASS A: Seizure and Sedation
CLASS B: Sympathomimetic OD,
administration of two or more IV sedative medications

PROTOCOL(S) USED IN: Endotracheal Intubation RSI, Seizure, Cardiac Dysrhythmias Brady, Cardiac Dysrhythmias Tachy, Poisoning and Overdoses, Patient Restraint Physical & Chemical

PHARMACOLOGY AND ACTIONS:
A. Sedative/hypnotic benzodiazepine
B. Generalized CNS depression
C. Therapeutic effects include short term sedation and postoperative amnesia

INDICATIONS:
A. Status seizure (any seizure that has lasted longer than 2 minutes or two consecutive seizures without regaining consciousness)
B. Sedation and amnesia during RSI and cardioversion/cardiac pacing
C. Sympathomimetic Overdoses such as cocaine and methamphetamine.

CONTRAINDICATIONS:
A. Hypersensitivity or cross sensitivity with other benzodiazepines
B. Acute narrow angle glaucoma
C. Shock
D. Comatose patients or those with pre-existing CNS depression
E. Severe, uncontrolled pain
F. Pregnancy or lactation

SIDE EFFECTS AND NOTES:
A. Respiratory depression
B. HA, excess sedation, drowsiness, agitation
C. Blurred vision
D. Cardiac arrhythmias
E. N/V, rashes
F. Increased risk of hypotension with antihypertensives, acute ingestion of alcohol or nitrates

ADULT DOSING:
Seizures
5 mg IM or 2.5 IV/IO. May repeat PRN. Max dose of 10 mg for seizures lasting longer than 5 minutes.

Pacing/Cardioversion -
5 mg IM or 2.5 IV/IO

Chemical restraint -
2 mg IV/IM.

Pre-medication for RSI -
0.1 mg/kg IV if BP is >90mmHg. Single max dosage of 10 mg.

Sedation after intubation -
0.05-0.1 mg/kg IV if BP is >90mmHG. Single max dosage of 5 mg

Sympathomimetic Overdose – contact OLMC for dosing
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<thead>
<tr>
<th><strong>PEDIATRIC DOSING:</strong></th>
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<tr>
<td><strong>Seizures -</strong></td>
<td>0.1 mg/kg IV/IO. If no IV access, administer 0.2 mg/kg IM to a maximum initial dose of 2.5 mg. May repeat to a maximum dose of 5 mg for seizures lasting longer than five minutes.</td>
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<tr>
<td><strong>Pacing -</strong></td>
<td>0.1 mg/kg IV to max of 2.5 mg or 0.2 mg/kg IM to max of 5mg.</td>
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<td><strong>Pre-medication for RSI -</strong></td>
<td>0.1 mg/kg IV/IO not to exceed 2mg</td>
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<tr>
<td><strong>Sedation after intubation with or without paralytics -</strong></td>
<td>0.1 mg/kg IV not to exceed 2mg.</td>
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<td><strong>Sympathomimetic OD – contact OLMC.</strong></td>
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