

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

PEDIATRIC DOSING:

Seizures -

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.

Pacing -

0.1 mg/kg IV to max of 2.5 mg or 0.2 mg/kg IM to max of 5mg.

Pre-medication for RSI -

0.1 mg/kg IV/IO not to exceed 2mg

Sedation after intubation with or without paralytics -

0.1 mg/kg IV not to exceed 2mg.

Sympathomimetic OD – contact OLMC.