CLASS: A

PROTOCOL(S) USED IN: RSI, Seizure, Cardioversion, Pacing

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, cardioversion and cardiac pacing

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/Pacing -
1. Administer midazolam 2 - 5 mg IM. May repeat to a maximum dose of 10 mg for seizures lasting longer than five minutes.
2. If an IV is established and still seizing, may administer midazolam 2.5 mg IV/IO. May repeat to a maximum dose of 10 mg for seizures lasting longer than five minutes.

Chemical restraint -
2mg IV or IM.

Pre-medication for RSI -
0.1mg/kg IV if BP is >80mmHg

Sedation after intubation & for induced hypothermia-
1-5mg IV if BP is >80mmHG.
### PEDIATRIC DOSING:

**Seizures** -

1. Administer midazolam **0.1 mg/kg IV/IO** 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.

2. If no IV access, administer **midazolam 0.2 mg/kg IM** to a maximum initial dose of 2.5 mg. May repeat to a maximum dose of 5 mg.

**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.