Versed

McHenry Western Lake County
EMS
Objectives

- During this session we will discuss:
- Class
- Actions
- Indications
- Contraindications
- Dosing/Routes
- How supplied
- Precautions
- Side effects
Class:

- Sedative, hypnotic
- Chemical class: Benzodiazepine, short acting
Actions:

- Short acting benzodiazepine
- CNS depressant
- Sedative/hypnotic
- Sleep induction
- Anxiolysis (↓ anxiety)
- Fast onset/offset
Indications:

- Sedation prior to DAI and/or cardioversion
- Suppress seizure activity
- Severe anxiety/agitation
Dosing/Routes:

- Procedural sedation: 5mg initial bolus followed by 2mg increments every 30-60 seconds up to 10mg. May repeat to a max of 20mg
Dosing/Routes

• Anxiety or Seizures: 2mg increments every 30-60 seconds IVP/IO (0.2mg/kg IN) up to 10mg. May repeat to 20mg.

• Peds: 0.1mg/kg IVP/IO/IM (0.2mg/kg IN) Max single dose 5mg. May repeat to 10mg.
How supplied:

• 5mg/5ml vial
Contraindications:

- Known hypersensitivity
- Glaucoma; Shock
- Pregnancy unless seizing
Precautions:

- Dose for sedation generally ↓ with:
- Age >60
- Debilitated patients with chronic diseases (CHF/COPD)
- Patients on narcotics or CNS depressants
Side effects/adverse reactions:

- Drowsiness
- Sedation
- Confusion
- Amnesia
- Ataxia (gross incoordination of muscle movements)
- Respiratory depression
- Respiratory arrest
- Hypotension

Ref: MWLCEMS Protocol and 2000 Mosby’s Nursing Drug Reference Book
Case Study

- You are treating a symptomatic 58 y/o male who is in VT. You are going to Synchronize Cardiovert him and decide to premedicate him with Versed. What would your initial dose be?
Answer

• 2mg of Versed because he is symptomatic.
Case Study

• You have a victim of a MVC that you want to intubate to secure the airway. Your DAI dose of Versed would be?
• Versed 5mg IVP/IN
• Once you have intubated, you can give 2mg IVP/IN increments to 20mg as needed if BP > 90 for post intubation sedation.