

Patient Sedation

Purpose: Proper sedation of patients requiring a painful medical procedure. This procedure is for Paramedic use only.

Pre-Medical Control

Indications For Sedation

1. Electrical cardioversion
2. Transcutaneous pacing
3. Post intubation sedation/CPAP/BiPAP

Contraindications

1. Probable inability to control the patient's airway
2. Known allergy to sedation medications

Assessment

1. Evaluate adequacy of airway.
2. Evaluate presence of adequate ventilation with oxygenation.
3. Monitor vital signs and level of consciousness.
4. Monitor EKG.
5. Pulse oximetry, if available.

Procedure

1. Maintain airway, provide oxygenation and support ventilation.
2. Obtain vascular access.
3. For Electrical cardioversion, transcutaneous pacing, and post intubation sedation sedate patient to a level of consciousness where procedure can be performed, per Sedation Options below.

Adult & Pediatric Sedation :

(Select Options)

(Titrate to minimum amount necessary)

- Midazolam 1-5 mg IV/ IO (0.05 mg/kg) titrated slowly may repeat every 5 minutes until maximum of 0.1 mg/kg

- Diazepam 5-10 mg IV/ IO (0.1 mg/kg) titrated slowly may repeat every 5 minutes until maximum 0.3 mg/kg

- Lorazepam 1-2 mg IV/ IO (0.1 mg/kg, max 4 mg/dose) titrated may repeat every 5 minutes until maximum of 8 mg

- Fentanyl 1 mcg/kg IV/IO

4. Contact Medical Control

Post-Medical Control:

Possible orders post radio contact:

1. If additional sedation medication becomes necessary enroute, additional meds as follows:
 - a. Morphine sulfate 2-10 mg slow IVP
 - b. Midazolam 1-5 mg IV/ IO (0.05 mg/kg) titrated slowly may repeat every 5 minutes until maximum of 0.1 mg/kg
 - c. Diazepam 5-10 mg IV/ IO (0.1 mg/kg) titrated slowly may repeat every 5 minutes until maximum 0.3 mg/kg
 - d. Lorazepam 1-2 mg IV/ IO (0.1 mg/kg, max 4 mg/dose) titrated may repeat every 5 minutes until maximum of 8 mg
 - e. Fentanyl 1 mcg/kg IV/IO
 - f. For pain management in a morphine allergic patient administer midazolam 0.5 mg-5 mg slow IVP.

Pediatric Considerations

1. Pediatric sedation is to occur post medical control.
 - a. Administer **Midazolam** 0.1 mg/kg slow IVP to max dose of 2 mg or as ordered, titrating until sedation occurs.