



Patient Sedation

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

Indications for Sedation

1. Electrical Therapy (Cardioversion or Transcutaneous pacing)
2. Post intubation sedation
3. CPAP/BiPAP only under direct Medical Control Order

Contraindications

1. Inability to control the patient's airway
2. As an adjunct for establishing an airway
3. Known allergy to sedation medications

Assessment

1. Evaluate adequacy of airway, ventilation and oxygenation
2. Monitor vital signs and level of consciousness
3. Monitor ECG
4. Monitor Pulse oximetry
5. Monitor capnography, 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 MCA selection
4. **Only one sedation medication may be given pre-radio if authorized by the MCA. Medical Control must be contacted if a different sedation medication is needed**

Pediatric Sedation:

(Titrate to minimum amount necessary)

- Midazolam 0.05 mg/kg IM/IV/IO titrated slowly (IN, if available); may repeat once in 5 minutes to a maximum of 0.1 mg/kg.
- Fentanyl 1 mcg/kg IM/IV/IO titrated slowly (IN, if available); may repeat every 5 minutes to a maximum of 3 mcg/kg.
- Ketamine 4 mg/kg IM **OR** 1-2 mg/kg IV/IO titrated slowly (500 mg maximum dose) (1-2 mg/kg IN, if available).

Adult Sedation:

(Titrate to minimum amount necessary)

- Midazolam 1-5 mg (0.05 mg/kg) IM/IV/IO titrated slowly (IN, if available); may repeat once in 5 minutes to a maximum of 0.1 mg/kg.
- ┌ Diazepam 5-10 mg (0.1 mg/kg) IM/IV/IO titrated slowly, may repeat every 5 minutes to a maximum of 0.3 mg/kg.
- Fentanyl 50-100 mcg (1 mcg/kg) IM/IV/IO titrated slowly (IN, if available); may repeat every 4 minutes to a maximum of 3 mcg/kg.
- Ketamine 4 mg/kg IM **OR** 1-2 mg/kg IV/IO titrated slowly (500 mg maximum dose) (1-2 mg/kg IN, if available).



Possible orders post radio contact

1. Additional sedation as needed.
2. Sedation for CPAP/BiPAP