



## **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