

Michigan PROCEDURES PATIENT PROCEDURAL SEDATION

Initial Date: 5/31/2012 Revised Date: 02/24/2023

Section 7-17

Patient Procedural Sedation Paramedic Use Only

Purpose: Proper sedation of patients requiring a painful medical procedure.

Indications for Sedation

- 1. Electrical therapy (cardioversion or transcutaneous pacing)
- 2. Post intubation sedation



- 3. CPAP and/or HFNC only under direct Medical Control Order
 - i. **Ketamine is NOT to be used for this indication

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

Procedure

- 1. Maintain airway, provide oxygenation, and support ventilation
- 2. Obtain vascular access
- 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 MCA authorized sedation medication may be given pre-radio. Medical Control <u>MUST</u> be contacted if a different sedation medication is needed subsequent to initial dose (adults and pediatrics).

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Adult Procedural Sedation: (Titrate to minimum amount necessary)	
~	Midazolam 1-5 mg (0.05 mg/kg) 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) IV/IO titrated slowly, may repeat every 5 minutes to a maximum of 0.3 mg/kg.
	Fentanyl 50-100 mcg (1 mcg/kg) IV/IO titrated slowly (IN, if available); may repeat every 4 minutes to a maximum of 3 mcg/kg.
V	Ketamine 4 mg/kg IM or 1.5 mg/kg IV/IO (IN if available) titrated slowly to sedation (max dose 500 mg). NOT for CPAP/HFNO sedation

MCA Name: Jackson County MCA MCA Board Approval Date: 1/16/24 MCA Implementation Date: 4/1/24 MDHHS Approval: 2/24/23



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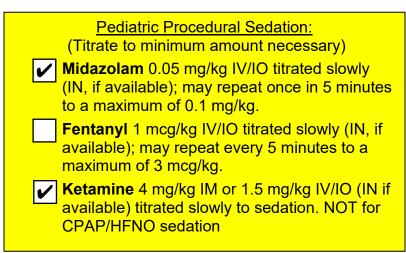
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5. For pediatrics, administer MCA selected medications per MI MEDIC cards. If MI MEDIC cards are not available administer as follows per MCA selection.



Medication Protocols

Diazepam Fentanyl Ketamine Midazolam

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