

West Michigan Regional MCC
MEDICATION SECTION
KETAMINE

Initial Date: 10/25/2017
Revised Date: 09/04/2020

Section 9-29

Ketamine

Protocols:

1. Excited Delirium
2. Patient Sedation
3. Pain Management
4. Patient Restraint



Indications:

1. Patients with excited delirium
2. Agitation
3. Significant pain

Contraindications:

1. Known hypersensitivity

Dosing:

1. Excited Delirium
 - a. Adults only – 4 mg/kg IM
2. Patient Sedation
 - a. Adults and Pediatrics 
 - i. 0.5 mg/kg IN, if available or
 - ii. 0.2 mg/kg IV/IO, diluted in 100 mL NS IV bag and administered over at least two minutes.
 - iii. Maximum single dose 25 mg
 - iv. May repeat after 10-15 minutes to a maximum dose of 2 mg/kg
3. Pain Management
 - a. Adults
 - i. 0.5 mg/kg IN, if available or
 - ii. 0.2 mg/kg IV/IO, diluted in 100 mL NS IV bag and administered over at least two minutes
 - iii. Maximum single dose 25 mg
 - iv. May repeat after 10-15 minutes to a maximum dose of 2 mg/kg
 - b. Contact Medical Control for patients over the age of 65.
-  4. Patient Restraint
 - a. Adults only – 2 mg/kg IM or IN

Expected Effects:

1. Sedation
2. Decreased agitation
3. Decreased pain

Side Effects:

1. Nausea/vomiting
2. Nystagmus