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## **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
    - 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 and Pediatrics 
    - i. 0.5 mg/kg IN, if available or
    - ii. 0.2 mg/kg IV/IO
    - iii. Maximum single dose 25 mg
    - iv. May repeat after 10-15 minutes to a maximum dose of 2 mg/kg
-  4. Patient Restraint
  - a. Adults only – 4 mg/kg IM or IN

### **Expected Effects:**

1. Sedation
2. Decreased agitation
3. Decreased pain

### **Side Effects:**

1. Nausea/vomiting
2. Nystagmus