Ketamine

Protocols:
1. Excited Delirium
2. Patient Sedation
3. Pain Management

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 (500 mg maximum dose)
2. Patient Sedation
   a. Adults and Pediatrics
      i. Ketamine 4 mg/kg IM (500 mg maximum dose) OR 1-2 mg/kg IV/IO titrated slowly OR 1-2 mg/kg IN (200 mg maximum dose), if available.
3. Pain Management
   a. Adults and Pediatrics
      i. Ketamine 0.5 mg/kg IN, if available OR 0.2 mg/kg (maximum single dose 25 mg) IV/IO. May repeat after 10-15 minutes to a maximum total dose of 50 mg.
      ii. Ketamine for pain management given IV/IO should be diluted by drawing up the Ketamine and diluting to 10 cc with NS. It must be administered slowly over 2-3 minutes to avoid dissociation symptoms.
      iii. If an IV is not available a single dose of ketamine may be given IM 0.2 mg/kg (maximum single dose 25 mg). Do not repeat ketamine or administer an opioid after IM ketamine administration without on-line medical direction.

4. Patient Restraint
   a. Adults only – Ketamine 4 mg/kg IM (500 mg maximum dose)

Expected Effects:
1. Sedation
2. Decreased agitation
3. Decreased pain

Side Effects:
1. Nausea/vomiting
2. Nystagmus