

TREATMENT:

- A. Treat per Universal Patient Care.
- B. For acute pain and uncontrolled chronic pain:
 1. Determine location of pain and severity using numeric scale (1-10) or Faces scale.
 2. Consider and treat underlying cause of pain.
 3. Use non-pharmacological pain management (i.e., position of comfort, hot/cold pack, elevation, splinting, padding, wound care, therapeutic calming and communication).
 4. Administer one of the following pain medications:
 - i. **Fentanyl 50-100 mcg IV/IO/IM/IN.** Repeat with 25-50 mcg every 3-5 minutes as needed to a maximum of 400 mcg.
 - ii. **Morphine 2-5 mg IV/IO/IM/IN** every 3-5 minutes to a maximum of 20 mg.
 - iii. **Consider Lorazepam 1-2 mg IV/IO/IM/IN or Midazolam 1-2.5 mg. Give in increments of 0.5 mg.**
 - iv. **Ketamine 0.1- 0.3 mg/kg for pain refractory to 200 mcg of Fentanyl or 20 mg of Morphine. Mix Ketamine in 50-100cc bag or 20cc of NS. Give slowly over 10 minutes.**
 - v. Contact Medical Control if pain is not controlled within maximum dosing.
 5. Entanglement / Entrapment / Extrication / Inaccessible Patient
 - i. **Ketamine 2mg/kg IM** for dissociation / extreme agitation post catastrophic physical event. May repeat once. Pt should be continuously monitored with EtCO₂, SpO₂, respiratory rate and effort. Draw up second dose as a precaution for delirium and induce sedation.

Do not administer pain medications if any of the following are present:

- Respiratory distress or O₂ saturation of < 90%
 - Known allergy to that pain medication
 - Altered mental status
 - Systolic blood pressure of < 90 mm/Hg
- C. Obtain a full set of vital signs and pain scale rating prior to and after each administration of pain medication.

PEDIATRIC PATIENTS:

- A. **Fentanyl 1 microgram/kg IV/IO/IM/IN.** May repeat with 0.5 -1 mcg/kg every 3-5 minutes as needed to a maximum of 4 mcg/kg. Do not exceed adult dosing.
- B. For children < 20 kg, **Morphine 0.1 mg/kg IV/IO/IM/IN.** May repeat every 3-5 min. Do not exceed adult dosing.
- C. Contact Medical Control if maximum dose of either medication is reached without adequate pain management.

