

## Pain Control

### ADULT

### PEDIATRIC

#### BLS Procedures

Administer oxygen as indicated

Assess numerical or faces pain scale

Control pain using basic measures such as patient positioning, ice packs, and splinting

#### ALS Standing Orders

##### IV/IO access

##### Cardiac Monitor

##### Mild to Moderate Pain

###### Acetaminophen

- IV/IO – 1g in 100 mL NS over 15 minutes.

**Severe Pain** - Utilize opiate analgesic in addition to, or in place of, acetaminophen.

##### Fentanyl

- IM/IN - 1 mcg/kg, Max 100 mcg
  - Repeat q 10 minutes for persistent pain to a max total dose of 200 mcg.
- IV/IO - 1 mcg/kg over 1 minute, Max 100 mcg
  - Repeat q 5 minutes for persistent pain to a max total dose of 200 mcg.
- Repeat doses should be administered IV/IO if vascular access obtained.
- Withhold for systolic < 90 mmHg.

##### If Fentanyl unavailable:

###### Ondansetron - Per 705.15 Nausea/Vomiting Policy

- Repeat x 1 in 10 minutes for nausea or > 2 doses of Morphine

##### Morphine

- IM - 0.1 mg/kg, Max 10 mg
  - Repeat ½ initial dose q 10 minutes x 2 for persistent pain.
- IV/IO - 0.1 mg/kg, Max 10 mg, over 1 minute
  - Repeat ½ initial dose q 5 minutes x 2 for persistent pain.

##### IV/IO access

##### Cardiac Monitor

##### Mild to Moderate Pain

###### Acetaminophen

- IV/IO – 15 mg/kg in 100 mL NS over 15 minutes.

**Severe Pain** – Utilize opiate analgesic in addition to, or in place of, acetaminophen.

##### Fentanyl

- IM/IN - 1 mcg/kg, Max 100 mcg
  - Repeat q 10 minutes for persistent pain to a max total dose of 200 mcg.
- IV/IO - 1 mcg/kg over 1 minute, Max 100 mcg
  - Repeat q 5 minutes for persistent pain to a max total dose of 200 mcg.
- Repeat doses should be administered IV/IO if vascular access obtained.
- Withhold for systolic less than minimum SBP in Handtevy for respective age.

##### If Fentanyl unavailable:

###### Ondansetron - Per 705.15 Nausea/Vomiting Policy

- Repeat x 1 in 10 minutes for nausea or > 2 doses of Morphine

##### Morphine

- IM - 0.1 mg/kg, Max 10 mg
  - Repeat ½ initial dose q 10 minutes x 2 for persistent pain.
- IV/IO - 0.1 mg/kg, Max 10 mg, over 1 minute
  - Repeat ½ initial dose q 5 minutes x 2 for persistent pain.

#### Base Hospital Orders only

Consult with ED Physician for further treatment measures