

**CLASS: A**

**PROTOCOL(S) USED IN:** Abdominal Pain, Chest Pain, Pain Management, Endotracheal Intubation RSI

**PHARMACOLOGY AND ACTIONS:**

Fentanyl is a synthetic opioid analgesic used to manage pain.

**INDICATIONS:**

- A. Acute management of severe pain

**SIDE EFFECTS AND NOTES:**

- A. Respiratory depression
- B. Hypotension
- C. Decreased level of consciousness
- D. Have naloxone available to reverse over-administration.
- E. May follow administration with Zofran for nausea.
- F. A dose of 100mcg is approximately equivalent to 10mg of morphine.

**ADULT DOSING:**

**Pain management:**

**Fentanyl 50-100 micrograms IV/IO/IM/IN.** Repeat with 25-50 micrograms every 3-5 minutes as needed to **max of 200 mcg.**

**Post RSI Pain Management: 1-2 mcg/kg IV/IO**

**PEDIATRIC DOSING:**

**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