

FENTANYL

Additional Names: Sublimaze

Classification: Opioid Analgesic, Synthetic Opioid

Indications: Acute Pain
Sedation

Contraindications: Known Hypersensitivity to Fentanyl or other opioid agonists
Known or suspected constipation or other gastrointestinal obstruction
Significant respiratory depression
Bradycardia

Dosages: **Adult:**
Post-Intubation Sedation
25-50mcg IV/IO, q 2min prn, max 200mcg
Non-Traumatic Abdominal Pain / Nausea & Vomiting
25-50mcg IV/IO/IM/IN, q 2min prn for severe pain concerning for a surgical pathology that is not bowel obstruction or ileus (max 100 mcg)
Special Populations Non-traumatic Pain Management
1 mcg/kg IV/IM/IN q 5 minutes for moderate to severe pain (max 100 mcg)
Chest Pain
25-50mcg IV/IO/IN/IM, q 2min prn, max 200mcg
Traumatic Pain Management
25-50mcg IM or slow IV push, q 2min prn, max 150mcg
If additional analgesia is needed for persistently severe pain (8-10) believed to be due to a surgical pathology contact Med Control
Pediatric:
Traumatic Pain Management
1mcg/kg IV, 1-2mcg/kg IN, max 100mcg, may repeat x1 with Medical Control orders

Side Effects: Bradycardia, respiratory depression, apnea, muscle rigidity, diarrhea, nausea, constipation, dry mouth

Physiological Effects: Narcotic agonist of opiate receptors; inhibits ascending pain pathways thus altering response to pain. Produces analgesia, respiratory depression, and sedation.

Additional Info: Effects are related to the dose and speed of administration. May cause sudden respiratory depression/arrest.
Usual effects last for 30-60 min, IM onset 7-8 min with duration of 1-2 hrs
Use caution with elderly or debilitated patients
Use caution in patients taking other CNS depressant medications/ETOH use
Use caution in patients with respiratory disease
