



# Jackson Hole Fire/EMS Operations Manual

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Title: **Medication Protocol:  
Fentanyl**  
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## FENTANYL (Sublimaze) (Medication Protocol)

### EMT-INTERMEDIATE PROVIDERS

**STANDING ORDER- First dose up to 100 mcg**

### PARAMEDIC PROVIDERS

#### STANDING ORDER

**CLASS:** Synthetic opioid agonist

**PHARMACOLOGY/  
ACTIONS:** Analgesic with short duration of action. Minimal histamine release, so less hemodynamic compromise.

**ONSET/DURATION:** Onset: 7-8 minutes / Duration: 1-2 hours

**USE IN FIELD/  
INDICATIONS:**

- Pain control
- Sedation for invasive procedures (TCP/Cardioversion)

**CONTRAINDICATIONS:** Respiratory depression or insufficiency, Uncorrected hypotension, Allergy to Fentanyl.

**SIDE EFFECTS:** Respiratory depression, bradycardia, hypotension or hypertension, nausea and vomiting.

**DRUG INTERACTIONS:** Effects may be increased when given with other CNS depressants or skeletal muscle relaxants.

**ROUTE:** IV, IO, IM, Intranasal

DOSAGE:	ADULT	PEDIATRIC (<45 kg)
	25-100 mcg slow IV/IO/IM/IN every 5-15 minutes as needed to control pain	1-4 mcg/kg slow IV/IO/IM/IN every 5-15 minutes as needed to control pain

**PREGNANCY SAFETY:** Category C – give only if potential benefits justifies risk to fetus

**COMMENTS:** SCHEDULE II NARCOTIC with potential for abuse:  
**Security protocol is the responsibility of Jackson Hole Fire/EMS.**

Fentanyl should be with caution in elderly patients and in those with severe respiratory, seizure, or cardiac disorders, or pregnancy.