



Fentanyl Fact Sheet

Brand name: SUBLIMAZE

Generic name: FENTANYL CITRATE

Classification: Potent Narcotic Analgesic and Sedative

Pharmacokinetics: Onset of action is almost immediate (intravenously); Maximal analgesic and respiratory depressant effect may not be noted for several minutes. The usual duration of action of analgesic effect is 30 to 60 minutes after a single I.V. dose of up to 100 micrograms.

Following intramuscular administration, the onset of action is from 7 to 8 minutes and the duration of action is 1 to 2 hours.

The peak respiratory depressant effect of a single intravenous dose of fentanyl is noted 5 to 15 minutes following injection.

Actions: Dose of 100 micrograms (2 mL) = 10 mg of morphine; differs from morphine by its short duration of analgesic activity, lack of emetic activity, and minimal hypotensive activity.

Indications: Analgesic action of short duration during acute severe pain periods.

Contraindications: Known hypersensitivity to medication; bronchial asthma; comatose patients who may have a head injury or brain tumour; concurrent patient use of MAO inhibitors; caution in pregnant patients;

Side Effects: Analgesia, euphoria, miosis, bradycardia, respiratory depression, apnea, muscle rigidity and suppression of cough reflexes; hypertension; anaphylaxis, bronchospasm, pruritis, urticaria and asystole.

Dose: Adult - 0.5 – 1 mcg/kg slow IV or IM; Remove any Fentanyl Patches

IMPORTANT: See NYS DOH BEMS Policy Statement #07-02 concerning conditions for Agency approval to use this medication.