

Fentanyl

<u>Generic Name:</u>	<u>Brand Name:</u>	<u>Drug Class:</u>
Fentanyl	Sublimaze	Synthetic opioid
<u>Mechanism of Action:</u>	<u>Time to Onset:</u>	<u>Duration of Effects:</u>
Mu-selective opioid agonist	<ul style="list-style-type: none"> • IV: 1-2 minutes • IM: 7-8 minutes 	<ul style="list-style-type: none"> • IV: 30-60 minutes • IM: 1-2 hours
<u>Indications:</u>	<u>Contraindications:</u>	<u>Possible Side Effects:</u>
<ul style="list-style-type: none"> • Analgesia • Adjunct during intubation 	Use caution in: <ul style="list-style-type: none"> • Geriatrics • TBI • COPD • MAOI's • Myasthenia gravis 	<ul style="list-style-type: none"> • Hypotension • Respiratory depression • Nausea
<u>Administration Route:</u>	<u>Adult dose:</u>	<u>Pediatric dose:</u>
<ul style="list-style-type: none"> • IV • IO • IM • IN 	1-1.5 mcg/kg over 1-2 minutes, every 5-10 minutes. (max 3)	1-2 mcg/kg over 1-2 minutes Not recommended under 2 years of age.
Fentanyl should be administered slowly. Faster administration leads to increased development of nausea. Be careful not to overdose the patient due to dose stacking. Peak of effect begins about 5 minutes after administration.		