

Morphine

<u>Generic Name:</u>	<u>Brand Name:</u>	<u>Drug Class:</u>
Morphine	Astramorph, Roxanol	Opioid Analgesic
<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/IO: Immediate • IM: 10 minutes 	<ul style="list-style-type: none"> • IV/IO: 20 minutes • IM: 4 hours
<u>Indications:</u>	<u>Contraindications:</u>	<u>Possible Side Effects:</u>
<ul style="list-style-type: none"> • Analgesia 	<ul style="list-style-type: none"> • Hypotension • Multi-system trauma 	<ul style="list-style-type: none"> • Respiratory depression • Hypotension • Nausea • Tachycardia • Dizziness
<u>Administration Route:</u>	<u>Adult dose:</u>	<u>Pediatric dose:</u>
<ul style="list-style-type: none"> • IV • IO • IM 	<ul style="list-style-type: none"> • IV: 2-5 mg slow push • IM: 0.1 mg/kg 	IV/IM: 0.1 mg/kg (max 10)
<p>Outside of acute chest pain, morphine is not considered a first line pain medication except for patient's that are allergic to fentanyl. All doses can be titrated to effect, but adult IV doses beyond 5 mg require medical control. IV/IM doses that do not reach the maximum dosage can be repeated every 10 minutes as needed.</p>		