



## Section 13: Appendix 1: Medications

### HYDROMORPHONE (DILAUDID)

Pregnancy Category - C

A	AEMT	A
P	PARAMEDIC	P

<b>ACTIONS</b>	Inhibits pain pathways altering perception and response to pain
<b>INDICATIONS</b>	<ol style="list-style-type: none"> <li>1. Moderate to severe pain management</li> <li>2. Burns</li> <li>3. Intractable flank pain</li> <li>4. Intractable back pain</li> <li>5. Musculoskeletal and / or fracture pain</li> <li>6. Sickle cell pain crisis (USE SUPPLEMENTAL O2)</li> <li>7. Unremitting abdominal pain (NOT OF OB ORIGIN)</li> <li>8. Chest Pain</li> </ol>
<b>CONTRAINDICATIONS</b>	<ol style="list-style-type: none"> <li>1. Known hypersensitivity</li> <li>2. Head injury or head trauma</li> <li>3. Hypotension</li> <li>4. Respiratory depression</li> <li>5. Acute or severe asthma or COPD</li> <li>6. Labor pain</li> <li>7. Shock</li> </ol>
<b>PRECAUTIONS</b>	<ol style="list-style-type: none"> <li>1. Liver failure, renal failure, or patients in excess of 65 years should receive half dose, titrated to their pain tolerance</li> <li>2. If the patient responds with respiratory depression administer Naloxone (Narcan) to reverse the effects</li> <li>3. All patients must have supplemental oxygen administration and oxygen saturation monitoring</li> <li>4. Hydromorphone (Dilaudid) will mask pain, so conduct a complete assessment prior to administration</li> <li>5. Use caution if patient is hypersensitive to sulfites</li> <li>6. Use caution if patient is hypersensitive to latex</li> <li>7. May cause CNS depression</li> <li>8. Use caution in patients with hypersensitivity to other narcotics</li> </ol>
<b>SIDE EFFECTS</b>	<ol style="list-style-type: none"> <li>1. Respiratory depression</li> <li>2. Altered LOC</li> <li>3. Bradycardia</li> <li>4. Nausea and vomiting</li> <li>5. Constricted pupils</li> </ol>
<b>SUPPLIED</b>	1 mg / 1 ml prefilled syringes (Carpject)
<b>ADULT DOSAGE</b>	<p><b>Pain Management</b></p> <p>0.5 mg – 1 mg IVP / IM</p> <p>Over 65 years, liver failure, renal failure or debilitated patients: Titrated to pain tolerance, up to 0.5 mg IVP / IM</p> <p>May repeat if needed</p>
<b>KEYPOINTS</b>	<ul style="list-style-type: none"> <li>• Likelihood of side effects increases with rapid administration</li> <li>• Narcotic naive patients may need lower dosing regiment</li> </ul>
<b>PROTOCOL USE</b>	<ul style="list-style-type: none"> <li>• Severe Pain Management</li> <li>• Adult Abdominal Pain</li> <li>• Acute Coronary Symptoms</li> </ul>