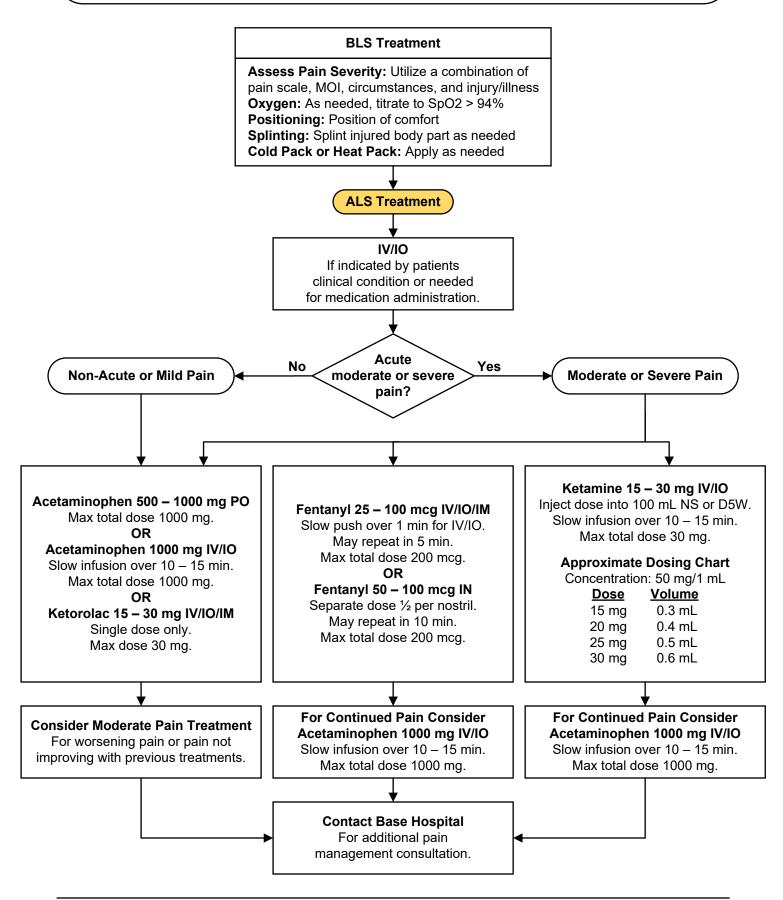
## M-04 Pain Management



## **Medication Notes / Contraindications**

- **BLS pain management** methods should include reassurance, adjusting position of comfort, ice or heat if needed, and gentle transport.
- **Analgesic medications** should be considered by ALS providers for all patients complaining of pain. Use caution for any patient < 4 yo or > 65 yo, consider lower medication doses and closer monitoring.
- Infusions should utilize a 10 drops/mL set and target a total infusion time of 10 15 min.
- **Protocol guidelines** cannot replace sound clinical judgement and every patient deserves to have their pain managed appropriately. Consider all circumstances to form a complete treatment plan.

Acetaminophen	Fentanyl
<ul> <li>Contraindications:</li> <li>Allergy or unable to take Acetaminophen</li> <li>Hypotension</li> <li>&gt; 3,000 mg Acetaminophen taken within 24 hrs</li> <li>Liver disease/insufficiency/transplant</li> <li>Discontinue infusion if hypotension develops.</li> </ul>	<ul> <li>Contraindications:</li> <li>Allergy or unable to take opiate medication</li> <li>Hypotension</li> <li>Reparatory insufficiency</li> <li>GCS &lt; 14 or suspected TBI</li> <li>Cardiac monitoring with SpO2 and EtCO2 required if 2 or more doses administered.</li> <li>Respiratory depression and hypotension from opiates can be reversed with naloxone.</li> </ul>
Ketamine	Ketorolac
<ul> <li>Contraindications:</li> <li>Allergy or unable to take Ketamine</li> <li>Pregnancy</li> <li>Chest pain of cardiac origin</li> <li>Cardiac monitoring with SpO2 and EtCO2 required during administration.</li> <li>Immediately label the Ketamine infusion after injecting selected dose into NS or D5W.</li> </ul>	<ul> <li>Contraindications:</li> <li>Allergy or unable to take NSAID medication</li> <li>&gt; 65 yo</li> <li>Pregnancy</li> <li>Active bleeding</li> <li>Multi-system trauma</li> <li>GCS &lt; 14 or suspected TBI</li> <li>Asthma, GI bleeding, ulcers</li> <li>Current use of anticoagulants or steroids</li> <li>Kidney disease/insufficiency/transplant</li> </ul>

