

Treatment Protocols**Date: 07/01/2023*****Pain Management - Adult*****Policy 9150A**

<p align="center"><u>Stable</u></p> <p align="center">Blood pressure > 90 mmHg</p>	<p align="center"><u>Unstable</u></p> <p align="center">Adult: Blood pressure <90 mmHg or signs of poor perfusion</p>
Adult BLS Standing Orders	
<ul style="list-style-type: none"> • Universal Patient Protocol • Ensure patent airway, administer oxygen and/or ventilate PRN per Airway Policy • Monitor O2 saturation PRN • Keep patient warm 	<ul style="list-style-type: none"> • Universal Patient Protocol • Ensure patent airway, administer oxygen and/or ventilate PRN per Airway Policy • Monitor O2 saturation • Keep patient warm • Immediate transport
Adult LALS Standing Order Protocol	
<ul style="list-style-type: none"> • Establish IV PRN 	<ul style="list-style-type: none"> • Establish IV
Adult ALS Standing Order Protocol	
<ul style="list-style-type: none"> • Monitor EKG • Establish IV/IO PRN • Capnography <p>• For pain that is mild to severe: Acetaminophen 15 mg/kg up to max dose of 1000 mg IV, infuse over 15 minutes OR Ketorolac – 15 mg IV/IO or 30 mg IM</p> <p>For pain mild to severe:</p> <ul style="list-style-type: none"> • Morphine 2-10 mg – IV/IM/IO MR q10min x1 <p>OR</p> <ul style="list-style-type: none"> • Fentanyl 25-100 mcg IV/IM/IO/IN MR q10min x1 <p>For nausea and vomiting:</p> <ul style="list-style-type: none"> • Ondansetron 4 mg IV/IO/IM/ODT PRN, MR x1, total 8 mg 	<ul style="list-style-type: none"> • Monitor EKG • Establish IV/IO • Capnography <p>• For pain that is mild to severe: Acetaminophen 15 mg/kg up to max dose of 1000 mg IV, infuse over 15 minutes</p> <p>• For nausea and vomiting:</p> <ul style="list-style-type: none"> • Ondansetron 4 mg IV/IO/IM/ODT PRN, MR x1, total 8 mg <p><u>BHPO for opiate or ketorolac administration with hypotension</u></p>
Base Hospital Orders	

Treatment Protocols
Pain Management - Adult**Date: 07/01/2023****Policy 9150A****BH**

- Repeat doses of **morphine** or **fentanyl**

BHPO

- Suspected or known drug or ETOH intoxication

BHPO:

Acetaminophen 15 mg/kg up to max dose of 1000 mg IV x 1 – infuse over 15 minutes for patients with:

- Isolated head injury
- Acute onset severe headache
- Multiple trauma with GCS<15
- Suspected active labor

BHPO for opiate or ketorolac administration with hypotension:

Morphine – 2-10 mg – IV/IM/IO [Repeat per BHO]
OR

Fentanyl – 25-100 mcg IV/IN/IM/IO [Repeat per BHO]
OR

Ketorolac 15 mg IV/IO or 30 mg IM – for the following:

- Pain outside the abdomen, back, or extremities

Notes

Closely monitor patient LOC and respirations after administration of morphine or fentanyl.

For cardiac and chest pain, morphine and fentanyl should be the only analgesia used.

Aspirin should be given per protocol.

Ketorolac Exclusions:

- History of renal disease, or kidney transplant
- Hypotension
- History of GI bleeding or ulcers in the last five years
- Current anticoagulation therapy or active bleeding
- Current steroid use
- Age < 1 years old or > 65 years old
- Known hypersensitivity to NSAIDS
- History of asthma
- Pregnant or high possibility of pregnancy
- Other NSAID use in the past six hours

Acetaminophen Exclusions:

- Known hypersensitivity to acetaminophen
- Allergy to acetaminophen
- Severe hepatic impairment, active liver disease, or chronic alcohol abuse
- Age < 2 years old
- Other acetaminophen/paracetamol dosing in the past six hours

APPROVED:

Signature on File

Katherine Staats, M.D. FACEP

EMS Medical Director