

**COUNTY OF SAN DIEGO EMERGENCY MEDICAL SERVICES
 POLICY/PROCEDURE/PROTOCOL**

No. **S-141**
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**SUBJECT: TREATMENT PROTOCOL -
 PAIN MANAGEMENT**

Date: **04/09/2018**

BLS

ALS

<ul style="list-style-type: none"> • Assess level of pain • Ice, immobilize, and splint when indicated • Elevation of injured extremity when indicated 	<ul style="list-style-type: none"> • Continue to monitor and reassess pain using standardized pain score as appropriate • Document vital signs before and after each administration <p><u>For treatment of pain as needed, BP >100 systolic:</u></p> <p><u>Initial IV Dose:</u></p> <ul style="list-style-type: none"> • Morphine up to 0.1 mg/kg IV over 2 minutes <u>SO</u>. Maximum for ANY IV dose is 10mg. <p><u>Initial IM Dose:</u></p> <ul style="list-style-type: none"> • Morphine up to 0.1 mg/kg IM <u>SO</u>. Maximum for ANY IM dose is 10mg. <p><u>Second IV/IM dose, if pain persists:</u></p> <ul style="list-style-type: none"> • 5 minutes after IV morphine OR 15 minutes after IM morphine <ul style="list-style-type: none"> - Administer half of the initial morphine dose <u>SO</u> <p><u>Third IV/IM dose, if pain persists:</u></p> <ul style="list-style-type: none"> • 5 minutes after IV morphine OR 15 minutes after IM morphine <ul style="list-style-type: none"> - Administer half of the initial morphine dose BHO <p>Treatment of pain if BP <100 systolic BHO</p> <p><u>Special considerations administer morphine 0.05 mg/kg:</u></p> <ul style="list-style-type: none"> • Cardiac chest pain <p>OR</p> <p>If <65 years of age:</p> <p>Titrate to pain and vital signs:</p> <ul style="list-style-type: none"> • Fentanyl up to 50mcg IV x1 <u>SO</u> MR 25mcg IV q5 minutes x2 <u>SO</u> Maximum <u>SO</u> dose is 100mcg OR • Fentanyl 50mcg IN q15 minutes x2 <u>SO</u> 3rd IN dose Fentanyl 50mcg IN BHO <p>If ≥65 years of age:</p> <p>Titrate to pain and vital signs:</p> <ul style="list-style-type: none"> • Fentanyl 25mcg IV x1 <u>SO</u> MR 25mcg IV q5 minutes x2 <u>SO</u> Maximum <u>SO</u> dose is 75mcg OR • Fentanyl 25mcg IN q15 minutes x2 <u>SO</u> 3rd IN dose Fentanyl 25mcg IN BHO <p>Treatment of pain if BP <100 systolic BHO</p> <p>OR</p> <p>Acetaminophen 1000mg IV x1 <u>SO</u> infuse over 15 minutes</p> <p><u>Special considerations:</u></p> <ol style="list-style-type: none"> 1. When changing route of administration requires BHO (e.g., IV to IM or IM to IN) 2. A change in analgesic while treating a patient requires BHO (e.g., changing from morphine to fentanyl) <p><u>BHPO for:</u></p> <ul style="list-style-type: none"> • Chronic pain states • Acute onset severe headache • Multiple trauma with GCS <15 • Isolated head injury • Drug/ETOH intoxication • Suspected active labor
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Note: Maximum total daily dose of acetaminophen: 4000mg in 24 hours