

POLICY: 554.87  
TITLE: Extremity Trauma

EFFECTIVE: 02/13/2019  
REVIEW: 02/2024  
SUPERCEDES:

APPROVAL SIGNATURES ON FILE IN EMS OFFICE

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## Extremity Trauma

- I. AUTHORITY  
Health and Safety Code, Division 2.5, California Code of Regulations, Title 22, Division 9
- II. PURPOSE  
To serve as a patient treatment standard for EMRs, EMTs, AEMTs and Paramedics within their scope of practice.
- III. PROTOCOL

STANDING ORDERS	
<b>ASSESS</b>	CAB
<b>SECURE AIRWAY</b>	Use simplest effective method while maintaining SSMR. A BLS airway with objective evidence of good ventilation and oxygenation is adequate and acceptable Beyond BLS airway management refer to General Procedure Protocol 554.00
<b>SPINE IMMOBILIZATION</b>	If indicated Refer to 554.80 Selective Spinal Movement Restriction
<b>OXYGEN</b>	Oxygen delivery as appropriate
<b>HEMORRHAGE CONTROL</b>	<ul style="list-style-type: none"> <li>Control bleeding with direct pressure</li> <li>Use a tourniquet if bleeding is uncontrolled</li> <li>Elevate and splint injured extremity in position of comfort</li> </ul>
<b>DRESS &amp; SPLINT</b>	Dress and splint as indicated. Consider hemostatic dressing or tourniquet as appropriate.
<b>IV/IO ACCESS</b>	TKO. If systolic BP is less than 80mmHg, give 250 boluses to SPB reaches 80 mmHg. Reassess patient after each bolus
<b>PAIN MANAGEMENT</b>	Refer to Pain Management Protocol 554.44
<b>CONSIDERATIONS</b>	<p>Fracture/Dislocation – Open or closed femur fractures may be splinted with traction or cardboard splints after gentle realignment with manual traction (pain management should be administered to facilitate muscle relaxation). Check neuro-vascular status prior to and after each extremity manipulation. Splint dislocations in position found. If the extremity is pulseless, attempt to place it in normal anatomic position by gentle in-line traction.</p> <p><b>Amputations</b> - If partial amputation, splint in anatomic position and elevate the extremity. Wrap completely amputated parts in dry sterile gauze, then place parts in a sealed and dry container. Place container on ice, if possible.</p>
BASE PHYSICIAN ORDERS	
<b>PAIN MANAGEMENT</b>	Refer to Pain Management Protocol 554.44