

	<b>COUNTY OF SACRAMENTO</b> EMERGENCY MEDICAL SERVICES AGENCY	<b>Document #</b>	<b>8038.13</b>
	<u>PROGRAM DOCUMENT:</u>  <b>Shock</b>	<b>Initial Date:</b>	<b>03/01/92</b>
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 EMS Medical Director

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**Purpose:**

- A. To serve as the treatment standard in treating patients with signs and symptoms of shock (hypoperfusion).

**Authority:**

- A. California Health and Safety Code, Division 2.5
- B. California Code of Regulations, Title 22, Division 9

**Notes:**

- A. Shock exists any time there is inadequate perfusion of tissues to meet metabolic demands of the body. Signs of shock include, cool and/or moist skin, tachycardia, decreased sensorium, and generally low systolic blood pressure (SBP) less than 90 mmHg.
- B. The evaluation of a patient in shock must include a search for its cause from one of the forms of shock:
  - 1. Hypovolemic
  - 2. Hemorrhagic
  - 3. Cardiogenic
  - 4. Neurologic
  - 5. Insulin Shock
  - 6. Anaphylactic
  - 7. Septic
- C. In addition to the fluid resuscitation and transport noted below, treat any underlying cause as dictated by protocol.

**Protocol:**

<b>BLS</b>	
1.	ABC's/ Routine Care- Supplemental O2 as necessary to maintain SPO2 $\geq$ 94%. Use the lowest concentration and flow rate of O2 as possible. .
2.	Airway adjuncts as needed.
3.	Warming measures, except with suspected fever.
4.	Spinal immobilization (SMR) if necessary by protocol.
5.	Control external bleeding.
6.	Immobilize associated fractures (without delaying transport-may be done enroute)
7.	Prepare for Immediate transport. Do not delay at scene except in special circumstances, i.e. prolonged extrication.
<b>ALS</b>	
1.	Establish vascular access-with normal saline, titrate to a SBP $\geq$ 90-100-mmHg.
2.	Cardiac Monitoring
3.	Treat any underlying cause per policy as appropriate.

**Cross Reference:** PD# 8025 - Burns  
PD# 8065 - Hemorrhage in Trauma  
PD# 8018 - Overdose and/or Poison Ingestion  
PD# 8061 - Decreased Sensorium  
PD# 8001 - Allergic Reaction/Anaphylaxis  
PD# 8067 - Sepsis/Septic Shock  
PD# 8044 - Spinal Motion Restrictions (SMR)  
PD# 8024 - Cardiac Dysrhythmias  
PD# 8026 - Respiratory Distress  
PD# 8015 - Trauma