

	COUNTY OF SACRAMENTO EMERGENCY MEDICAL SERVICES AGENCY	Document #	8038.12
	<u>PROGRAM DOCUMENT:</u> Shock	Initial Date:	03/01/92
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 Signature on File
 EMS Medical Director

 Signature on File
 EMS Administrator

Purpose:

- A. To serve as the treatment standard for Sacramento County Emergency Medical Technicians (EMT) and Paramedics 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. Sepsis
- C. In addition to the fluid resuscitation and transport noted below, treat any underlying cause as dictated by protocol.

Protocol:

BLS		
I.	ABC's/ Routine Care- Supplemental O2 as necessary to maintain SPO2 \geq 94%. Use the lowest concentration and flow rate of O2 as possible. Airway adjuncts as needed.	
II.	Warming measures, except with suspected fever.	
III.	Spinal immobilization if necessary by protocol.	
IV.	Control external bleeding.	
V.	Immobilize associated fractures (without delaying transport-may be done enroute)	
VI.	Prepare for Immediate transport. Do not delay at scene except in special circumstances, i.e. prolonged extrication.	
ALS		
I.	Establish vascular access-with normal saline, titrate to a SBP > 90-100 mmHg.	
II.	Cardiac Monitoring	
III.	Treat any underlying cause per policy as appropriate.	
Cross Reference	Burn Policy	PD #8025
	Hemorrhage in Trauma	PD #8065
	Overdose and/or Poison Ingestion	PD #8018
	Decreased Sensorium	PD #8061
	Allergic Reaction/Anaphylaxis	PD #8001
	Sepsis/Septic Shock	PD #8067