POLICY: 554.41
TITLE: Non-Traumatic Shock

EFFECTIVE: ~~02/01/2026~~DRAFT
REVIEW: ~~02/2028~~DRAFT
SUPERCEDES:

APPROVAL SIGNATURES ON FILE IN EMS OFFICE

NON-TRAUMATIC SHOCK

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, AEMT~~'~~s, and Paramedics within their scope of practice.

III. PROTOCOL
History may include: GI bleeding, vomiting, diarrhea, allergic reaction, septicemia, antihypertensive medication overdose.

Physical signs may include: collapsed peripheral/neck veins, confusion, cyanosis, disorientation, thready pulse, pale/cold/clammy/mottled skin, rapid respirations, and anxiety. Signs of compensation may be absent in the elderly or patients taking beta-blocker or alpha-blocker medications.

NOTE: a decreased blood pressure is a late sign of shock.

Provider Key: F = First Responder/EMR E = EMT O = EMT Local Optional SOP
P = Paramedic A=Advanced EMT D = Base Hospital Physician Order Required

	F	E	O	A	P	D
ASSESSMENT	X	X	X	X	X	
PULSE OXIMETRY: apply and monitor.		X	X	X	X	
CAPNOGRAPHY: apply and monitor.					X	
OXYGEN: if pulse oximetry <94% or signs of hypoperfusion or respiratory distress	X	X	X	X	X	
ECG MONITOR: lead placement may be delegated. Treat as indicated.					X	
12-LEAD ECG					X	
VASCULAR ACCESS: P - IV/IO, 2 large bore, AEMT - IV only~~.~~				X	X	
FLUID BOLUS: If patient has a systolic BP < 90, administer 250 mL NS bolus as indicated. Reassess after each bolus. Maximum fluid 2 liters.				X	X	
POSITION: Trendelenburg position as tolerated. Place on left side if pregnant.	X	X	X	X	X	
PUSH DOSE EPINEPHRINE: for hypotension – titrate to SBP ≥ 90 • Mix 1 mL of Epi 1:10,000 (0.1 mg/mL) with 9 mL of NS = concentration of 1:100,000 (0.01 mg/mL)					X	

• Label syringe “epinephrine 10 mcg/mL” • 0.5 – 1 mL (5-10 mcg) IVP every 1-5 minutes If SBP does not stabilize ≥ 90 after two doses, consider epinephrine drip. Refer to 554.88 ADULT MEDICATION CHARTS.						
BASE CONTACT: if blood pressure remains hypotensive.						X