

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

Number S-143  
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SUBJECT: TREATMENT PROTOCOL  
 SEPSIS

Date 07/01/2021

**BLS**

- O<sub>2</sub> saturation PRN
- O<sub>2</sub> and/or ventilate PRN
- NPO, anticipate vomiting
- Remove transdermal patch SO, if present
- Obtain baseline temperature

**ALS**

- Monitor/EKG
- IV/IO SO
- Capnography SO

**Suspected sepsis**

If history **suggestive of infection** and two or more of the following are present, suspect sepsis and report to BH and upon transfer of care at receiving hospital

1. Temperature  $\geq 100.4$  °F (38.0 °C) or  $< 96.8$  °F (36.0 °C)
2. HR  $\geq 90$
3. RR  $\geq 20$
4. EtCO<sub>2</sub>  $< 25$  mmHg

- 500 mL fluid bolus regardless of initial BP or lung sounds IV/IO SO
- If BP  $< 90$  after initial fluid bolus, give second 500 mL fluid bolus regardless of lung sounds SO

**If BP refractory to fluid boluses**

- Push-dose epinephrine 1:100,000 (0.01 mg/mL)  
 1 mL IV/IO BHO, MR q3 min, titrate to SBP  $\geq 90$  mmHg BHO

**Push-dose epinephrine mixing instructions**

1. Remove 1 mL normal saline (NS) from the 10 mL NS syringe
2. Add 1 mL of epinephrine 1:10,000 (0.1 mg/mL) to 9 mL NS syringe

The mixture now has 10 mL of epinephrine at 0.01 mg/mL (10 mcg/mL) concentration.