

# Prehospital Sepsis Alert Criteria

**Sepsis rapidly progresses and is a life-threatening condition due to infection. A Prehospital Sepsis Alert should be called for 2 or more SIRS criteria + a suspected infection.**

## LVHN Prehospital Sepsis Alert Criteria

- **> 18 years**
- **> 2 SIRS Criteria**
  - Temperature  $>100.4^{\circ}$  F or  $<96.8^{\circ}$  F
  - Pulse  $> 90$  beats/minute
  - Respiratory rate  $>20$  breaths/minute
  - Known or suspected infection

## Pertinent Communication Information

- **Chief complaint**
- **HPI including current/recent antibiotics**
- **Known/suspected infection**
- **BP/HR/RR/temperature/EtCO<sub>2</sub>/O<sub>2</sub> sat**
- **Mental status – current and baseline**
- **Weight in kilograms**
- **Total IVF's administered**
- **Blood glucose**
- **Medication allergies including antibiotics**

2 SIRS criteria + EtCO<sub>2</sub>  $< 25$  mmHg strongly correlates with lactate levels  $> 4$ mM/L and increased mortality.

# Prehospital Sepsis Alert Criteria

## Prehospital Treatment—Sepsis

- **Thorough history & physical exam—look for a potential source of infection**
  - i.e: pneumonia, UTI, cellulitis, diverticulitis
- **Determine baseline mental status is possible**
- **Manage airway/ventilate if needed to maintain an EtCO<sub>2</sub> between 35 – 45 mmHg**
- **High-flow oxygen**
- **Maintain warmth**
- **Vital signs—include temperature, EtCO<sub>2</sub>, SaO<sub>2</sub>**
- **Initiate IV/IO (s)**
- **Obtain blood glucose**
- **Rapid infusion of 500 cc's warm NSS**
- **Reassess BP after each fluid challenge—if no signs of CHF repeat boluses for total of 2000 cc or to SBP greater than 100 mmHg**
- **Contact medical command for a PSA**
  - May receive orders to increase fluid boluses to 30 cc's/kg or for vasopressor administration

**For EMS patient follow-up call the EMS Hotline at 610-969-0006 or download a follow-up request form at [www.emi-lvh.net](http://www.emi-lvh.net).**