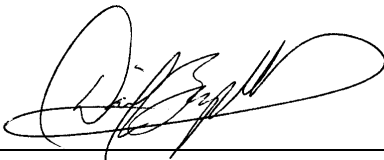


# EL DORADO COUNTY EMS AGENCY PREHOSPITAL PROTOCOLS



EMS Agency Medical Director

Effective: July 1, 2016

Reviewed: N/A

Revised: July 1, 2018

Scope: BLS/ALS – Adult

## SEPSIS - ADULT

### BLS TREATMENT

**ABCs / ROUTINE MEDICAL CARE** – Be prepared to support ventilation with appropriate airway adjuncts. Administer high flow oxygen via non re-breather mask.

**SIRS CRITERIA:** (Systemic Inflammatory Response Syndrome)  
**ANY 2 OR MORE OF THE FOLLOWING:**

- **TEMPERATURE >100.4 OR < 96.8**
- **HEART RATE > 90**
- **RESPIRATORY RATE > 20**

If history is suggestive of infection and 2 or more SIRS criteria are present Sepsis should be suspected. Report these findings to base station.

**ETCO<sub>2</sub>**- Can be monitored and a low reading of <25 with corresponding 2 or more SIRS indications can indicate sepsis.

**PROTOCOL PROCEDURE:** Flow of protocol presumes that condition is continuing. Immediate, rapid transport is preferred with treatment performed en route.

### ALS TREATMENT

**NORMAL SALINE** – Establish 2 large bore IVs via blood administration or macro drip tubing. Use IO if unable to establish IV.

**ADMINISTER:**

- 1000ml fluid bolus
- Repeat 500ml fluid bolus if BP<100 systolic
- Repeat fluid bolus up to 30ml/kg

**Do not** withhold fluid boluses even in the presence of “wet lungs” if BP does not improve.

#### **CONTACT BASE STATION**

**If BP is refractory to fluid boluses (If hypotension persists in non-hypovolemic shock):**

**DOPAMINE**– 5-20 µg/kg/min IV/IO infusion may be ordered.

**NOTE:** The initial treatment of Sepsis involves maximizing perfusion with intravenous fluid boluses not vasopressors.