

EL DORADO COUNTY EMS AGENCY PREHOSPITAL PROTOCOLS



EMS Agency Medical Director

Effective: July 1, 2016

Reviewed: N/A

Revised: N/A

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.

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.