



INLAND COUNTIES EMERGENCY MEDICAL AGENCY POLICY AND PROTOCOL MANUAL

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SEPSIS-ADULT

I. PURPOSE: To facilitate rapid identification and treatment of patients with suspected sepsis.

II. FIELD ASSESSMENT/TREATMENT INDICATORS

For possible infection and two or more of the following:

- Temperature $> 100.4\text{ F}$ or $< 96.8\text{ F}$
- Sustained HR > 90
- EtCO₂ $\leq 25\text{ mmHg}$
- Sustained Respiratory rate > 20

III. BLS INTERVENTIONS

- Oxygen therapy as clinically indicated.
- Position patient as tolerated and cover to avoid shivering. If altered, place in left lateral position.
- Obtain and assess blood glucose level. If indicated, administer Glucose - Oral per ICEMA Reference #11010 Medication - Standard Orders.

IV. LIMITED ALS INTERVENTIONS

- Perform activities identified in the BLS Interventions
- Obtain vascular access.
- Administer 500 ml IV bolus, may repeat one (1) time.
- If hypoglycemic;
 - Dextrose per ICEMA Reference #11010 - Medication - Standard Orders, **or**
 - If unable to establish IV, Glucagon may be given one (1) time per ICEMA Reference #11010 - Medication - Standard Orders.
- If hyperglycemic;
 - Administer 500 ml IV bolus may repeat one (1) time.

V. ALS INTERVENTIONS

- Perform activities identified in the BLS and LALS Interventions.
- Place on cardiac monitor and obtain a 12-lead ECG as clinically indicated.
- Monitor EtCO₂

For profound hypotension, unresponsive to fluid boluses, administer Push Dose Epinephrine per ICEMA Reference #11010 - Medication - Standard Orders

VI. SPECIAL CONSIDERATIONS

- Risk Factors:
 - Indwelling catheters (foley, PICC line etc.)
 - Recent surgery
 - Open wounds
 - Bedridden or immobile patients
 - Compromised Immune system due to comorbidities (cancer, autoimmune disease, etc.)
- Prioritize early recognition, IV fluids and rapid hospital notification and transport.
- If signs of pulmonary edema, stop or limit fluid boluses.
- Hypotension is a late indicator for septic shock.

VII. REFERENCES

| Number | Name |
|---------------|------------------------------|
| 11010 | Medication - Standard Orders |
| 11020 | Procedure - Standard Orders |