

SEPSIS ALERT

Requires 2 of 4 triage criteria in addition to a clinical suspicion of infection.

Note ASAP Exclusion criteria

Sepsis Alert if:

2/4 triage Criteria

AND

Clinical Suspicion for infection

ED Tracker alert should prompt ED physician to rapidly asses patient, order SEPSIS BUNDLE and initiate treatment protocol as indicated.

ED TRACKER ALERT

TRANSFER TO A MONITORED TO BED

IF HYPOTENSIVE --> Crit Care Area

PHYSICIAN TO ORDER ED SEPSIS BUNDLE

MONITORING GOALS: All SEPSIS Alert patients should be placed on a monitor. Urine output monitored closely, foleys placed as indicated. CVP monitored if SBP <90 or DBP 40 below baseline or MAP <65 following sufficient volume resuscitation. ABG/VBG as clinically warranted.

Monitoring

- Telemetry (Q15-30 BP, MAP)
- Urine output (Foley Q 30min)
- CVP (post 30cc/kg + Hypoten)
- PH (ABG/VBGs)

INITIAL TREATMENT GOALS:

Aggressive IVF resuscitation. Pan culture/early Abx. Volume & cardiac status assessment with Ultrasound.

Central line after fluid resuscitation if hemodynamic instability persist, pressor needed or access is an issue.

**Note: Traditional EGDT is encouraged with the caveat that volume status and cardiac function are assesed with Ultrasound prior to or in place of CVP and SaO2 by central line catheter.

SEPSIS TREATMENT PROTOCOL

(NS 20-40cc/kg) over 30min
500cc q30 if CHF

- *Cultures and Early Antibiotics (goal <1hr from dx of sepsis)
- *Assess volume status & cardiac activity with ultrasound if possible
- *Central Line for pressors & access

DISPOSITION GUIDELINES

Shock Resolved

pH > 7.3

Lactate Normal

Urine output >.5cc/kg

Hospital Admission or Consider D/C

PERSISTANT SHOCK

pH <7.3

LACTATE >4 or Urine output <.5cc/kg

Admit SCU:
Persistant Hemodynamic instability
Pressor requirement
Intubated
Pending Respiratory failure

Admit IMC:
MAP >65 w/o Pressors
Improving hemodynamic profile
No foreseen respiratory failure

PRIMARY GOAL

EARLY IDENTIFICATION AND AGGRESSIVE MANAGEMENT WITH EARLY DISPOSITION

SECONDARY GOAL

VOLUME ASSESSMENT WITH ULTRASOUND. CENTRAL LINE PLACEMENT, CVP, VBGs IF PRESSORS REQUIRED OR VOLUME STATUS UNCLEAR