**KCCMH Sepsis Worksheet and Audit Tool**

Worksheet and auditing tool only: NOT A PART OF THE PATIENT’S PERMANENT RECORD

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **DATE:** | | **ARRIVAL TIME:** | | | **Pt. Weight:** | | **Time Zero:**  **Presence of a known or suspected source of infection** and (2 SIRS criteria + 1 organ dysfunction) | |
| **Temperature:** | **B/P:** | | **MAP:** | **RR:** | | **WBCs:** | |  |

**INITIAL SEPSIS INTERVENTIONS**

🞎 Activate sepsis response- NO

**SIRS Criteria**

* Temp: <96.8 [36C] OR >100.9 [38.3C]
* HR: > 90
* RR: >20
* WBC: <4 k or >12k or Bands >10%

**INITIAL SEVERE SEPSIS INTERVENTIONS**

🞎 Lactate: \_\_\_\_\_\_\_\_\_

🞎Blood culture #1:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

🞎Blood culture #2:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Whenever possible blood cultures should be obtained*

*prior to antibiotic administration*

🞎Antibiotic (time ordered):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

🞎Antibiotic (name and time administered):\_\_\_\_\_\_\_\_\_

**Sepsis Activation Criteria**

* **At least 2 SIRS criteria**

**AND**

* **Known or suspected source of infection**

Note: **Goal for antibiotic administration is 60 minutes of time zero**

**\*1 SIRS Criteria HR 105, Known hx infection**

**SEVERE SEPSIS INTERVENTIONS**

🞎 30ml/kg IV fluid bolus if SBP < 90 **OR** MAP < 65 **OR** lactate > 4

30 x 63.5= 1905mL

🞎 IV bolus start time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

🞎 IV bolus completion time: \_\_\_\_\_\_\_\_\_

🞎 B/P after IV fluid bolus completed: ­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Severe Sepsis Criteria: Sepsis plus Signs of Organ Dysfunction**

* Lactate > 2 mEq/L
* SBP < 90 or MAP <65
* Creatinine > 2.0
* Platelet count < 100 k
* New or increased need for mechanical ventilation (CPAP, BiPAP, or intubation
* Urine output <0.5 ml/kg/hr. for two hours
* Total bilirubin > 2 mg/dl
* INR >1.5 or aPTT >60 seconds

***A blood pressure must be documented within 60 minutes of completing***

***IV fluid bolus!***

**SEPTIC SHOCK INTERVENTIONS**

🞎 Repeat lactate if first > 2 (time and result):\_\_\_\_\_\_\_\_\_\_\_\_\_(repeat as soon as IV fluid bolus completed)

🞎Vasopressor administration if persistent SBP < 90 or MAP <65 after

administration of IV fluid bolus of 30ml/kg

🞎 Reassessment by provider of volume status if persistent hypotension

or lactate > 4

ED ONLY:

**Disposition from the ED**

**SEPTIC SHOCK CRITERIA**

* SBP < 90 or MAP <65 after administration of IV fluids 30ml/kg
* Lactate > 4 mEq/L
* Provider documentation of septic shock

🞎 Report called to receiving RN or floor supervisor (if receiving RN

unavailable): Time\_\_\_\_\_\_\_\_\_\_\_

*REMEMBER:*

Time to administration of antibiotics is the most significant predictor of outcome

Review: