

Sepsis Screening Tool and Clinical Pathway

<p>Screen within 30 minutes of presentation to the ED</p> <p>Date/Time _____</p>	<p><u>Does the patient meet 2 or more of the following SIRS?</u></p> <ul style="list-style-type: none"> • Temperature >100.4 or <96.8 • Heart rate > 90 bpm • Respiratory rate >20 bpm • WBC >12,000 or <4,000 or >10% bands 	<p><u>Value</u></p> <p>_____</p>	<p><u>Time</u></p> <p>_____</p>	<p><u>RN Initials</u></p> <p>_____</p>			
<p>Does the patient have any of the following documented or suspected infections?</p> <p><u>Please circle any that apply</u></p>	<table border="0"> <tr> <td> <ul style="list-style-type: none"> • pneumonia • UTI • wound infection • cellulitis • decubitus ulcer </td> <td> <ul style="list-style-type: none"> • cough • shortness of breath • purulent wound drainage • urinary pain/frequency • abdominal pain/distension/firmness • stiff neck </td> <td> <ul style="list-style-type: none"> • nursing home/LTAC • recent surgery • immunocompromised • indwelling device • currently on antibiotics • infection within the last 30 days </td> </tr> </table>	<ul style="list-style-type: none"> • pneumonia • UTI • wound infection • cellulitis • decubitus ulcer 	<ul style="list-style-type: none"> • cough • shortness of breath • purulent wound drainage • urinary pain/frequency • abdominal pain/distension/firmness • stiff neck 	<ul style="list-style-type: none"> • nursing home/LTAC • recent surgery • immunocompromised • indwelling device • currently on antibiotics • infection within the last 30 days 	<p>_____</p>	<p>_____</p>	<p>_____</p>
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<p>Time Zero for Sepsis _____</p>							
<p><u>Within 5 minutes of positive screen</u></p> <p><u>Do not delay antibiotic administration if unable to obtain timely blood cultures</u></p>	<ul style="list-style-type: none"> ➤ Lab draw for stat lactate level ➤ Blood cultures (x2) ➤ Administer a broad- spectrum antibiotic <p>(Give antibiotic prior to transport and within 1 hour after arrival to ED)</p> <p><u>Undifferentiated Sepsis: Antibiotic Recommendation</u></p> <p>First Line:</p> <ul style="list-style-type: none"> ➤ Zosyn 4.5 grams IV once given over 30 minutes, plus Vancomycin 20 mg/kg (rounded to the nearest 250mg, max 2000 mg) once given at a rate of 1000 mg/hr. <p>Allergic Alternative (mild-moderate penicillin allergy):</p> <ul style="list-style-type: none"> ➤ Cefepime 1 gram once given as IV push over 3-5 minutes, plus Vancomycin 20 mg/kg (rounded to the nearest 250 mg. max 2000 mg) once given at a rate of 1000 mg/hr. <p>Allergic Alternative (severe penicillin allergy):</p> <ul style="list-style-type: none"> ➤ Aztreonam 1 gram IV once as IV push over 3-5 minutes, plus Levofloxacin 750 mg once over 90 minutes, plus Vancomycin 20 mg/kg (rounded to the nearest 250 mg. max 2000 mg) once given at a rate of 1000 mg/hr. 	<p>_____</p>	<p>_____</p>	<p>_____</p>			
<p>Does the patient have one or more of the following organ dysfunctions?</p>	<ul style="list-style-type: none"> • Systolic blood pressure <90 • Mean Arterial Pressure <65 • Creatinine >2 • Platelets <100,000 • aPTT >60 seconds • INR >1.5 • bilirubin >2 • lactate >2 mmol/l 	<p>_____</p>	<p>_____</p>	<p>_____</p>			
<p>Time Zero for Severe Sepsis _____</p>							
<p>Please make sure patient has 2 IV lines and re-check vitals q5-15 minutes</p>	<p>In the presence of SBP <90, MAP <65 or a drop in SBP >40 pts from last normal, OR lactate ≥ 4 mmol/l</p> <p>Give a RAPID infusion bolus of 30 ml/kg isotonic fluid bolus (normal saline or lactated ringers)</p> <p>Weight in kg _____ x 30 = _____ ml fluid</p> <p>Start Time: _____</p> <p>Stop Time: _____</p> <p>If hypotension persists after 30 ml/kg bolus, start I.V. vasopressors</p>	<p>_____</p>	<p>_____</p>	<p>_____</p>			
<p>Time Zero for Septic Shock _____</p>							
	<p><i>Hospital transported to</i> _____</p> <p><i>RN report given to</i> _____</p> <p><i>Arrival time to receiving facility</i> _____</p>	<p><i>Time patient left</i> _____</p> <p><i>Date/Time:</i> _____</p>					