Evaluation for Severe Sepsis Screening Tool

**Instructions: Use this optional tool to screen patients for severe sepsis in the emergency department, on the medical/surgical floors, or in the ICU.**

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| **Screening Question** | **Y for YES; N for No** |
| **1. Is the patient’s history suggestive of a new infection?**   Pneumonia, empyema   Urinary tract infection   Acute abdominal infection   Meningitis   Skin/soft tissue infection   Bone/joint infection   Wound infection   Blood stream catheter infection   Endocarditis   Implantable device infection   Other infection \_\_\_\_\_\_\_\_\_\_\_\_    **Y for YES; N for No** |  |
| **2. Are any two of following signs & symptoms of infection both present and new to the patient? Note: Lab. values may have been obtained for inpatients but may not be available for outpatients.**   Hyperthermia > 38.3 °C (101.0 °F)   Hypothermia < 36 °C (96.8°F)   Altered mental status   Tachycardia > 90 bpm   Tachypnea > 20 bpm   Leukocytosis (WBC count >12,000 μL–1)   Leukopenia (WBC count < 4000 μL–1)   Hyperglycemia (plasma glucose >140 mg/dL) or 7.7 mmol/L in the absence of diabetes    **Y for YES; N for No** |  |

**If the answer is YES, to BOTH questions 1 and 2, *SUSPICION of INFECTION* is PRESENT**

Obtain: **lactic acid**, **blood cultures**, CBC with differential, basic chemistry labs, bilirubin.

At the physician’s discretion obtain: UA, chest x-ray, amylase, lipase, ABG, CRP, CT scan.

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| **3. Are any of the following organ dysfunction criteria present at a site remote from the site of the infection that are NOT considered to be chronic conditions? Note: in the case of bilateral pulmonary infiltrates the remote site stipulation is waived.**   SBP < 90 mmHg or MAP <65 mmHg   SBP decrease > 40 mm Hg from baseline   Creatinine > 2.0 mg/dl (176.8 mmol/L) or urine output < 0.5 ml/kg/hour for 2 hours   Bilirubin > 2 mg/dl (34.2 mmol/L)   Platelet count < 100,000 μL   Lactate > 2 mmol/L (18.0 mg/dl)   Coagulopathy (INR >1.5 or aPTT >60 secs)   Acute lung injury with PaO2/FiO2 <250 in the absence of pneumonia as infection source   Acute lung injury with PaO2/FiO2 <200 in the presence of pneumonia as infection source  **Y for YES; N for No** |  |

**If *SUSPICION of INFECTION* is present AND *ORGAN DYSFUNCTION* is present, the patient meets the criteria for SEVERE SEPSIS and should be entered into the severe sepsis protocol.**