Adult Sepsis Criteria	
SIRS	● Temperature > 38.3 C or < 36.0 C ● Heart rate (pulse) > 90 ● Respiration > 20 per minute ● White blood cell count > 12,000 or < 4,000 or > 10% bands
Sepsis	● Known or suspected infection **PLUS** two or more SIRS criteria
Severe Sepsis Sepsis **PLUS** New Organ Failure	**Organ Failure Criteria:** ● SBP < 90, or MAP < 65, or a SBP decrease of more than 40 New mmHg from the last previously recorded SBP considered normal for that specific patient ● Acute respiratory failure as evidenced by a new need for invasive (e.g., intubation) or non-invasive (e.g., BIPAP) mechanical ventilation. ● Creatinine > 2.0, or urine output < 0.5 mL/kg/hour for 2 hours (unrelated to known renal dysfunction) ● Bilirubin > 2 mg/dL (34.2 mmol/L) ● Platelet count < 100,000 ● INR > 1.5 or aPTT > 60 sec (unrelated to anticoagulant therapy) ● Lactate > 2 mmol/L (18.0 mg/dL)
Septic Shock	● Severe Sepsis PLUS hypotension (SBP <90 or MAP <65) despite 30mL/kg fluid bolus **AND / OR** ● Lactate > / = 4mmol/L

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Core Measure Sepsis Bundle

TO BE COMPLETED WITHIN 3 HOURS
of Severe Sepsis Presentation

severe sepsis presentation begins at the moment the last of the clinical criteria for severe sepsis are met or physician documentation of Severe Sepsis or Septic Shock

1. Measure lactate level
2. Obtain blood cultures prior to antibiotics
3. Administer appropriate broad spectrum antibiotics
4. Administer 30mL / kg crystalloid fluid if the patient has hypotension (SBP <90 or MAP <65) or lactic acid is >/= 4mmol/L

TO BE COMPLETED WITHIN 6 HOURS

5. Apply vasopressors (for hypotension that does not respond to initial 30mL/kg fluid resuscitation) to maintain MAP >65
6. Re-measure lactate if initial lactate >2
7. If hypotension persists after initial fluid resuscitation OR if initial lactate was >/= 4mmol/L, physician/APN/PA must reassess volume status and tissue perfusion (see below)

PHYSICIAN / APN / PA documentation of Volume Status and Tissue perfusion reassessment:

- A focused exam including **ALL** of the following:

o Vital signs (must include actual values for temperature, pulse, respirations, and systolic / diastolic BP reading) , **AND**
o Cardiopulmonary exam (must include reference to both the heart and lungs and the findings for each [e.g., “Lungs clear, heart RRR”]), **AND**
o Capillary refill evaluation, **AND**
o Peripheral pulse evaluation (may include reference to either radial, dorsalis pedis, or posterior tibialis), **AND**
o Skin examination (must include reference to color!)

OR

- Any **two** of the following four:

o Central venous pressure measurement
o Central venous oxygen measurement
o Bedside Cardiovascular Ultrasound
o Passive Leg Raise or Fluid Challenge

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