SIRS / Sepsis Criteria

Two or more of the following criteria:
- Temperature >38.3º (101.0) or <36º (96.8)
- Systolic Blood Pressure < 90 or > 40 point SBP decrease from baseline
- Heart rate > 90 /min
- Resp Rate > 20/min or PaCO2<32 mmHg
- Altered Mental Status
- Hyperglycemia with glucose > 140 mg/dL in the absence of diabetes
- Lactic Acid > 1.2
- Urine Output < 0.5 ml / kg / hr x 8 hours (or x 2 hours with ongoing fluid resuscitation)
- Leukocytes >12,000; <4,000 or more than 10% bands

Sepsis = 2 or more SIRS criteria and suspected or documented infection .
Severe Sepsis = sepsis + organ dysfunction or tissue hypoperfusion.
Septic Shock = Sepsis + organ dysfunction + volume-resistant hypotension (i.e. MAP < 65 after 30mL/kg or 2–4 liter bolus).

SBAR for Sepsis

Communication with MD when patient screens positive for sepsis

Situation: ___________ has screened positive for sepsis at ___
(patient name) (time)

Background:
1. Patient was admitted with ___________ and now
   has the following positive SIRS criteria (see above)
   (Must have 2 or more and state only those that apply)
2. The suspected source of infection is ______________________
   (Remember pneumonia and UTI are the most common sepsis related infections)

Assessment:
1. Vital signs are: _______
2. SpO2 is _____, compared to _____ (last reading)
3. Mental status is now _______
4. Urine output is _____cc per hour or _____ over the last 8 hrs
5. Lactate is ___________________
6. The most recent creatinine is___; Creatinine on admit was ___

Recommendations:
1. Would you like to order the sepsis order set?
2. I really am concerned this patient has Sepsis. Would you come and evaluate the patient?