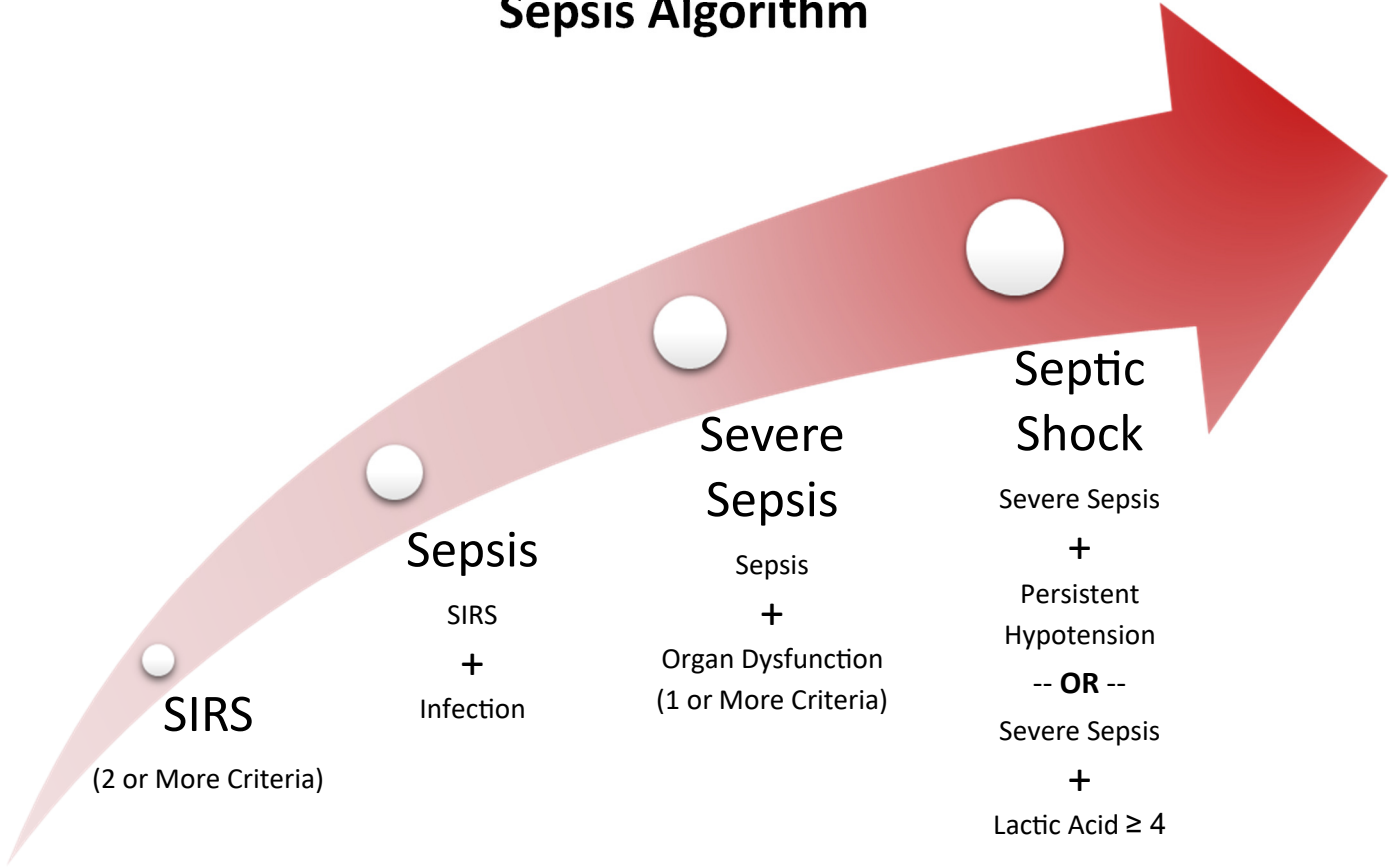


Sepsis Algorithm



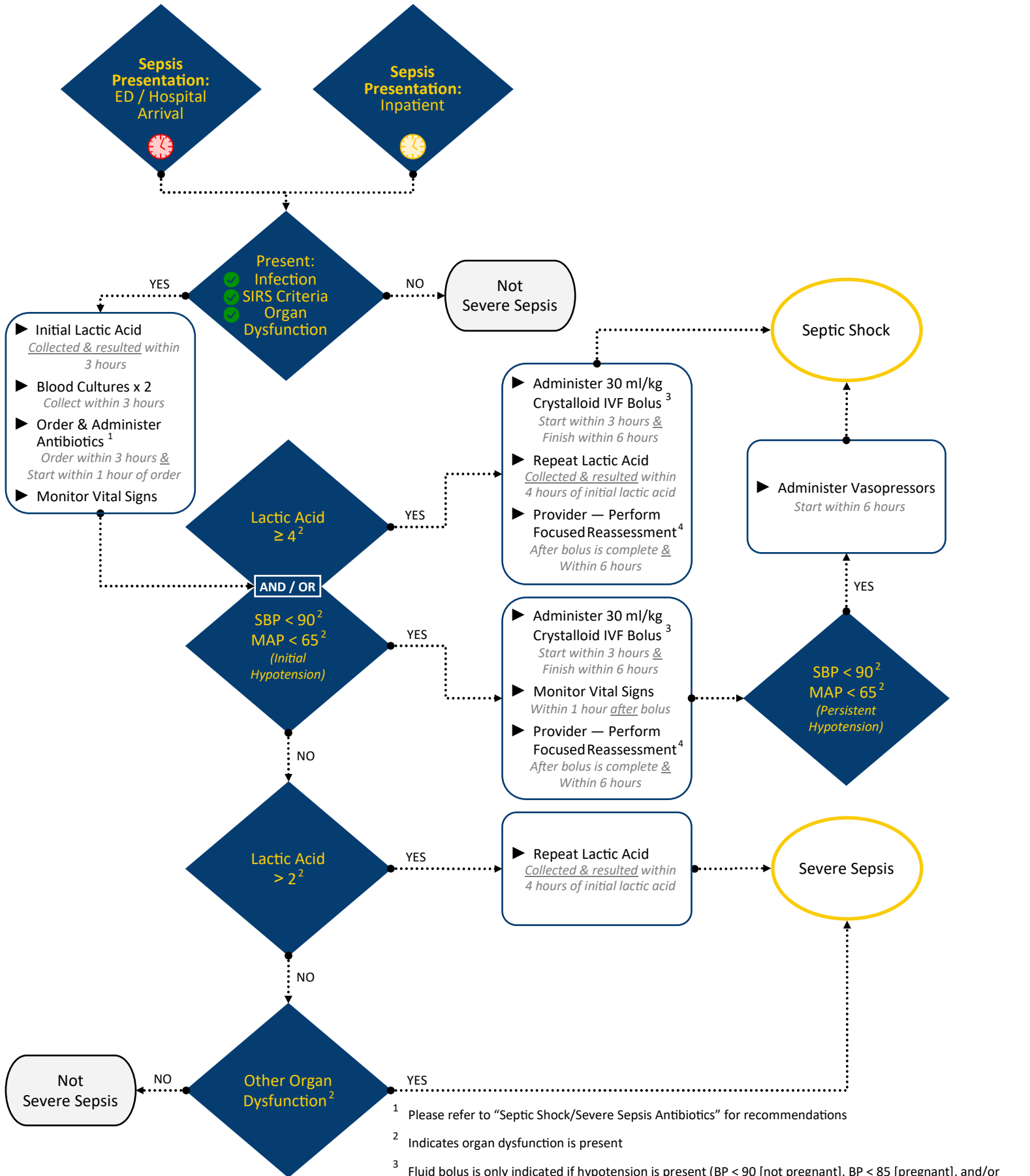
SIRS Criteria		
	<u>Not Pregnant</u>	<u>Pregnant**</u>
Temperature	> 38.3 C (100.9 F) < 36.0 C (96.8 F)	≥ 38.0 C (100.4 F) < 36.0 C (96.8 F)
Heart Rate	> 90	> 110
Respiratory Rate	> 20	> 24
WBC	> 12 k < 4 k > 10% bands	> 15 k < 4 k > 10% bands

Organ Dysfunction		
	<u>Not Pregnant</u>	<u>Pregnant**</u>
Systolic BP	< 90	< 85
MAP	< 65	< 65
NIV (BIPAP/CPAP) Mechanical Vent	New -- OR -- Increased Need	New -- OR -- Increased Need
Urine Output	< 0.5 ml/kg/hr x2 consecutive hours	< 0.5 ml/kg/hr x2 consecutive hours
Creatinine	> 2 mg/dL -- OR -- ≥ 1.2 mg/dL + 50% increase from baseline	> 1.2 mg/dL
Total Bilirubin	> 2 mg/dL	> 2 mg/dL
Platelets	< 100 K/uL	< 100 K/uL
INR	> 1.5	> 1.5
PTT	> 60 sec	> 60 sec
Lactic Acid	> 2 mmol/L	> 2 mmol/L

Values are excluded if they are **documented** as:

- ▶ Normal for the patient
- ▶ Due to medications
- ▶ Due to a non-infectious cause
- ▶ An erroneous entry
- ▶ Pregnant: Lactic acid levels are excluded during active delivery

** Pregnant = 20 weeks through days 3 post delivery



1 Please refer to “Septic Shock/Severe Sepsis Antibiotics” for recommendations

2 Indicates organ dysfunction is present

3 Fluid bolus is only indicated if hypotension is present (BP < 90 [not pregnant], BP < 85 [pregnant], and/or MAP < 65) and/or lactic acid is ≥ 4 in patients with no history of ESRD and no documentation prior to admission of EF ≤ 39%, or moderate, severe, or critical aortic stenosis.
If using IBW to calculate target fluid bolus volume, the following documentation is required in the ordering provider’s note: the patient is obese or has a BMI >30 and the fluid bolus volume ordered/given was based on the IBW.

4 Documenting Provider Focused Reassessment— Use .sep1 or .sep1exam

Red clock = The clock starts when the patient arrives to the ED or Hospital (whichever is first)

Yellow clock = The clock starts when all 3 criteria are met (infection, SIRS, and organ dysfunction)

Once the clock starts, certain treatments need to be completed within specific time frames (i.e. 3 hours, 4 hours, etc.). Time frames for each task are specified above, where appropriate. Infection criteria will be met using the time the provider note was created if a time is not specified within the body of the note.