Emergency department & general floor sepsis algorithm

Begin at triage using adult ED seeing sepsis screening tool

Triage level 1 or 2

Positive screen for sepsis

Negative screen for sepsis

Notify physician and begin severe sepsis/septic shock/seeing screening tool

Suspected infection and two more SIRS criteria?

Yes

No

Proceed with:
- Cardiac monitor
- BP, RR, pulse, MAP q15 and temp hourly until stable
- Continuous oximetry
- Oxygen to maintain SpO₂ > 90%
- Establish at least one large bore IV line
- Obtain BC, UA/UC, CBC with diff, lactate
- Anticipate severe sepsis bundle orders

3-hour bundle
1) Measure lactate level
2) Obtain blood cultures prior to administration of antibiotics
3) Administer broad spectrum antibiotics
4) Administer 30 ml/kg crystalloid for hypotension or lactate ≥ 4 mmol/L

Rapid response team

Begin transfer trigger tool

Transfer trigger tool
Lactate > 4 mmol/L?
OR
Unresponsive to 30 mL/kg fluid?
OR
2+ organ dysfunction?
OR
Progression of symptoms despite treatment?

Negative for severe sepsis/septic shock

Positive for transfer trigger tool criteria?

No

Yes

Transfer/admit to ICU or appropriate facility if CAH

Positive for severe sepsis/septic shock

Early detection tool 100-100-100

SIRS criteria
Temperature ≥ 100 or ≤ 96.8
Pulse > 100 beats/min
SBP < 100 mmHg or > 40 mmHg from baseline
Respiratory rate > 20/SpO₂ < 90%
Altered mental status