

Hour-1 Bundle

Initial Resuscitation for Sepsis and Septic Shock



Initiate bundle upon recognition of sepsis/septic shock.

May not complete all bundle elements within one hour of recognition.

1

Measure lactate level.
Remeasure lactate if initial lactate elevated (> 2 mmol/L).

2

Obtain blood cultures before administering antibiotics.

3

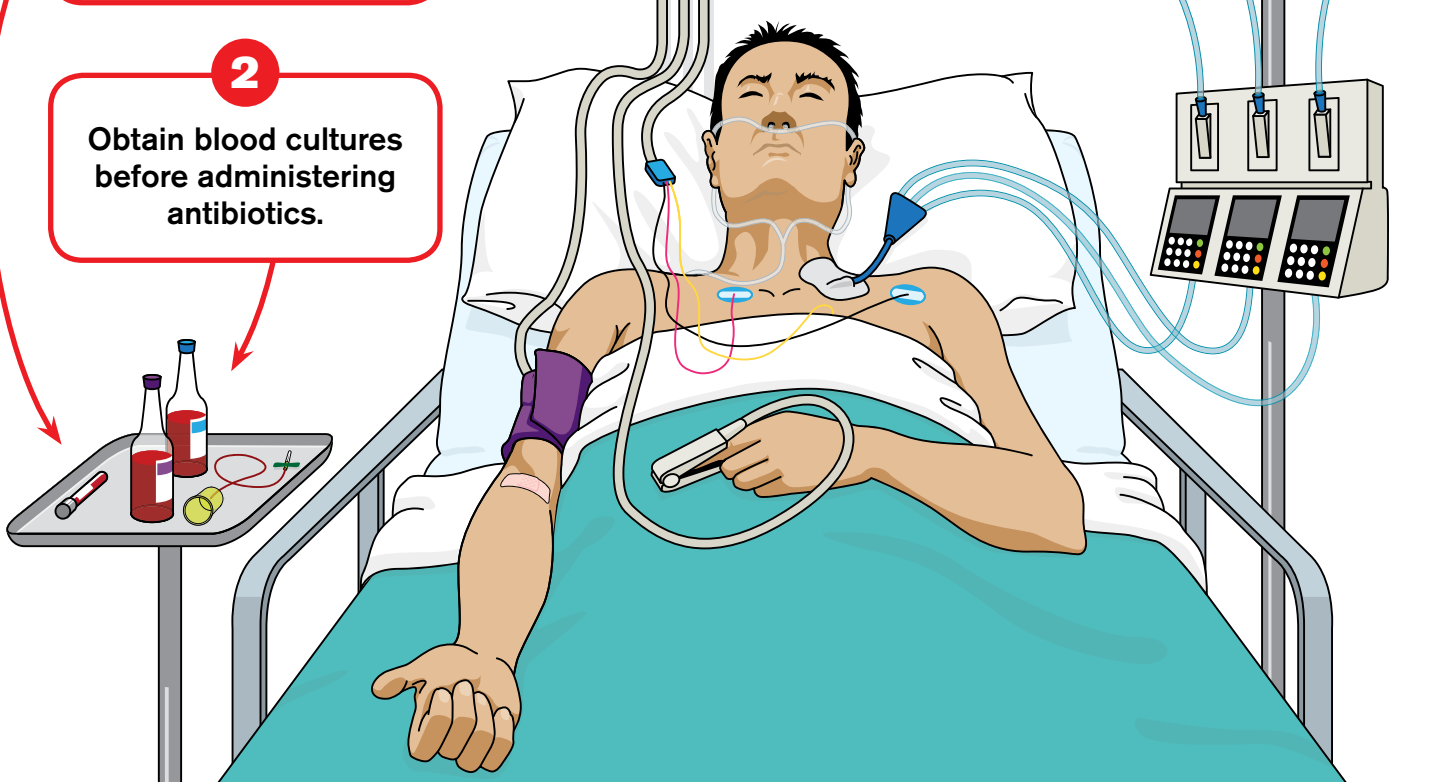
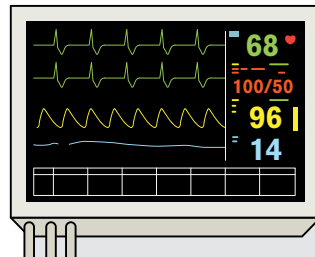
Administer broad-spectrum antibiotics.

4

Begin rapid administration of 30 mL/kg crystalloid for hypotension or lactate ≥ 4 mmol/L.

5

Apply vasopressors if hypotensive during or after fluid resuscitation to maintain a mean arterial pressure ≥ 65 mm Hg.



Bundle: [SurvivingSepsis.org/Bundle](https://www.SurvivingSepsis.org/Bundle)

Complete Guidelines: [SurvivingSepsis.org/Guidelines](https://www.SurvivingSepsis.org/Guidelines)

HOURLY-1 BUNDLE: INITIAL RESUSCITATION FOR SEPSIS AND SEPTIC SHOCK:

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- 2) Obtain blood cultures before administering antibiotics.
- 3) Administer broad-spectrum antibiotics.
- 4) Begin rapid administration of 30mL/kg crystalloid for hypotension or lactate ≥ 4 mmol/L.
- 5) Apply vasopressors if hypotensive during or after fluid resuscitation to maintain a mean arterial pressure ≥ 65 mm Hg.

*Remeasure lactate if initial lactate elevated (> 2 mmol/L).

Surviving Sepsis Campaign®

1. *Act quickly upon sepsis & septic shock recognition
2. Minimize time to treatment - sepsis & septic shock are medical emergencies
3. Monitor closely for response to interventions
4. Communicate sepsis status in hand-offs

*All elements of the Hour-1 bundle may or may not be completed in the first hour after sepsis recognition

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