

# Hour-1 Bundle



Initial Resuscitation for Sepsis and Septic Shock (begin immediately):

## Time Zero/Time Presentation

“Time zero” or “time of presentation” is defined as the time of triage in the Emergency Department or, if presenting from another care venue, from the earliest chart annotation consistent with all elements of sepsis (formerly severe sepsis) or septic shock ascertained through chart review.

**1**  
Measure lactate level.

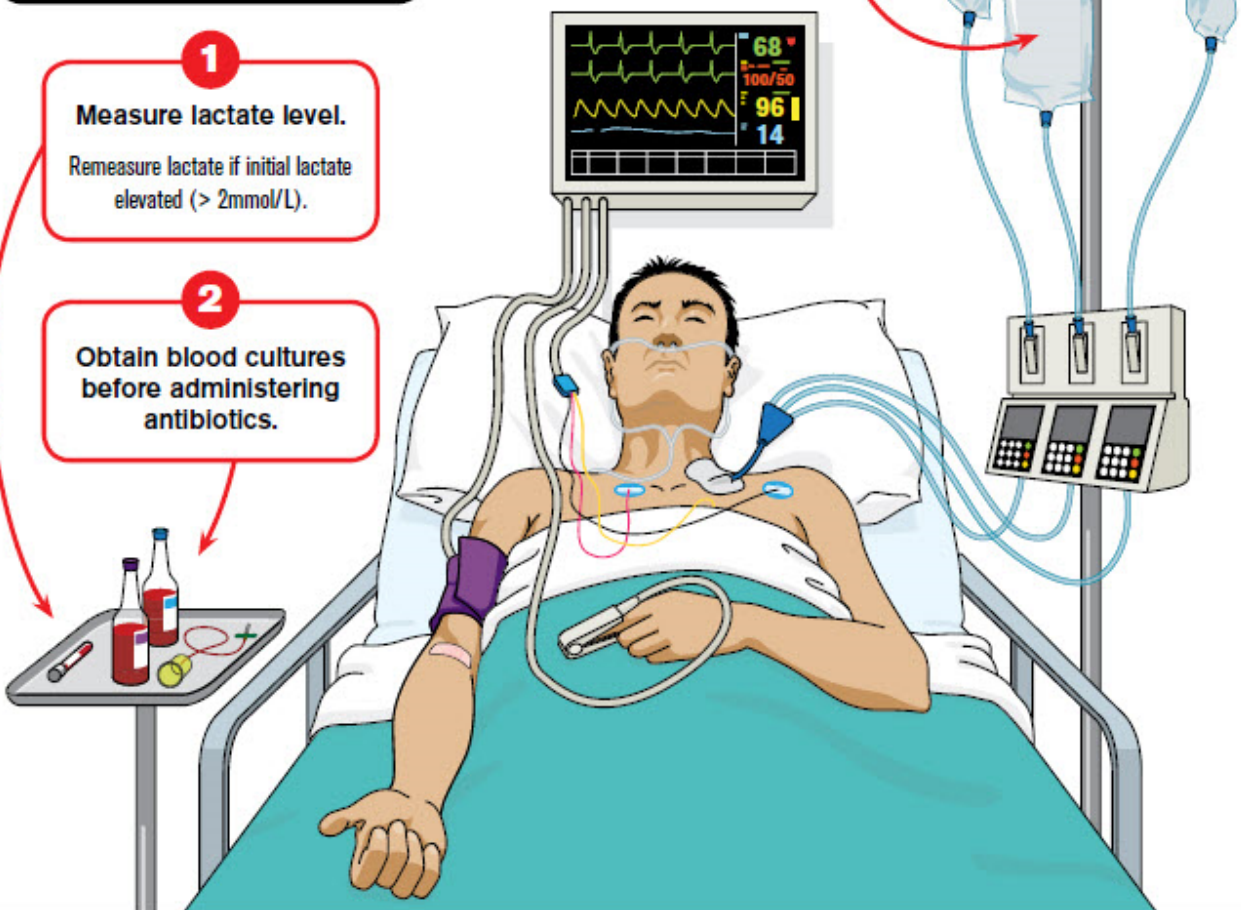
Remeasure lactate if initial lactate elevated ( $> 2\text{mmol/L}$ ).

**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  $> 4\text{mmol/L}$

**5**  
Apply vasopressors if hypotensive during or after fluid resuscitation to maintain a mean arterial pressure  $\geq 65\text{mm Hg}$ .



Bundle: [SurvivingSepsis.org/Bundle](http://SurvivingSepsis.org/Bundle)

Complete Guidelines: [SurvivingSepsis.org/Guidelines](http://SurvivingSepsis.org/Guidelines)