

Current concept of pathophysiology of sepsis

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ACCP/SCCM Consensus definitions

- **Systemic inflammatory response syndrome (SIRS)**
 - Tachycardia, HR >2 SD, <1 yr bradycardia
 - Mean RR >2 SD
 - WBC elevate or depressed for age
 - Core temp >38.5 °C or <36 °C

one of two have to be abn Temp or WBC

ACCP/SCCM Consensus definitions

- **Infection**

- Inflammatory response to microorganisms, or
- Invasion of normally sterile tissues

ACCP/SCCM Consensus definitions

- **Sepsis**
 - Infection plus
 - SIRS criteria

ACCP/SCCM Consensus definitions

- Severe Sepsis
 - Sepsis plus
 - Cardiovascular dysfunction or
 - Acute respiratory distress syndrome (ARDS) or
 - Other 2 organs dysfunction