

SOFA Score

(Sequential Organ Failure Assessment Score)

- **SOFA Score**
 - Tool to identify patients at risk of dying from sepsis (assesses morbidity and mortality risk)
- **Definitions**
 - **Sepsis**
 - Life-threatening organ dysfunction caused by a dysregulated host response to infection
 - SOFA score can be used to ID which patients are at greatest risk of "life-threatening" organ dysfunction
 - **Septic Shock**
 - SOFA score ≥ 2 with a vasopressor requirement & an elevated lactate > 2 mmol/L (>18 mg/dL)

SOFA score is based on the following

1. Respiratory System
2. Cardiovascular system
 - a. blood pressure
 - b. need for vasopressors
3. Hepatic system - bilirubin level
4. Coagulation system
 - a. platelet concentration
5. Neurologic system
 - a. Glasgow coma score
6. Renal system
 - a. serum creatinine or urine output

qSOFA Score

(modified version of SOFA score)

*only has 3 components

1. Respiratory rate > 22 / minute

2. Altered mentation

3. Systolic blood pressure < 100 mmHg

*Score ≥ 2 --> poor outcome due to sepsis

