

## Sepsis-3 SOFA Made Easy

Please include the word **severe** whenever diagnosing your patient using the 2016 Sepsis-3 SOFA criteria.

- The Society of Critical Care Medicine supports the Sepsis-3 (SOFA) scoring system to diagnose ***severe sepsis***.
- The 2016 JAMA paper suggests that **all sepsis is severe sepsis when using the SOFA criteria**.

The patient must have an acute change in physical exam and/or laboratory findings consequent to infection to meet the criteria. Remember the diagnosis must be Present On Admission (POA) to be included in CMS (Medicare's) calculated expected mortality.

*How sick is your patient, doctor? Are you documenting this effectively?*

Sepsis-3 SOFA Score: Sequential Organ Failure Assessment			
System	<i>Acute change ≥ 2 points due to the infectious process supports sepsis</i>		
	0	1	2
<b>Neurologic</b> GCS	15	13-14	10-12
<b>Respiratory</b> PaO <sub>2</sub> /FiO <sub>2</sub> room air PaO <sub>2</sub> , O <sub>2</sub> sat	≥ 400 <b>84, 95%</b>	< 400 <b>84, 95%</b>	< 300 <b>63, 91%</b>
<b>Cardiovascular</b>	MAP ≥ 70 mmHg	MAP < 70 mmHg	Dopamine < 5 or Dobutamine (any)
<b>Hepatic</b> Bilirubin, mg/dL	< 1.2	1.2-1.9	2.0-5.9
<b>Coagulation</b> Platelets, x 1,000	≥ 150	< 150	< 100
<b>Renal</b> Creatinine, mg/dL	< 1.2	1.2-1.9	2.0-3.4
UOP, ml/d	≥ 500		< 500 (3 points)

Abbreviations:  
 PaO<sub>2</sub>: partial pressure of oxygen; FiO<sub>2</sub>: fraction of inspired oxygen;  
**MAP: Mean arterial pressure: [(SBP – DBP) / 0.33] + DBP**

Catecholamine doses are in  
 µg/kg/min for at least 1 hour.

Sepsis-3 definition: Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3), *JAMA*, 315(8);801-810, February 22, 2016 <https://jamanetwork.com/journals/jama/fullarticle/2492881>