

# MEDICAL EDUCATION

## SPEAKERS NETWORK

ESTD  DATE

### Medical Education Trending Topic

#### Sepsis

#### Lecture Summary

More than 1.5 million people in the United States get sepsis each year, and sepsis is a leading cause of critical illness and hospital mortality. One in three patients who die in the hospital has sepsis. While anyone can develop sepsis, it is most common and most dangerous in older adults or those with weakened immune systems. When sepsis is not recognized and managed early, it can lead to septic shock, multiple organ failure, and death. Physicians need to know the updated sepsis guidelines, to be better aware of patients at higher risk and to provide optimal care and outcomes through an aggressive multidisciplinary approach.

#### Learning Objectives

After this activity, the learners will be able to:

1. Describe the most recent concepts surrounding the pathophysiology of sepsis
2. Recognize the difference between the various existing sepsis definitions
3. Provide an overview of the landmark Sepsis Clinical Trials
4. List some tools used to recognize sepsis in the hospital
5. Identify the steps to create a high-reliability system to identify and treat sepsis

#### References

[https://www.cdc.gov/sepsis/clinicaltools/index.html?CDC\\_AA\\_refVal=https%3A%2F%2Fwww.cdc.gov%2Fsepsis%2Fdatareports%2Findex.html](https://www.cdc.gov/sepsis/clinicaltools/index.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fsepsis%2Fdatareports%2Findex.html)  
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