



Origination 12/2/2024  
Last Approved 12/2/2024  
Effective 12/2/2024  
Last Revised 12/2/2024  
Next Review 12/2/2025

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Director,  
Utilization  
Management  
Area Clinical Services -  
All  
Lines Of Business All Lines of  
Business

## Sepsis

### PURPOSE:

To provide further information on the clinical criteria used to identify patients with sepsis. This policy will also support compliance with the coding and billing of a claim submitted with the diagnosis of sepsis or an initial diagnosis at the time of admission, to ensure accurate reimbursement.

### DEFINITIONS:

Sepsis is defined as life-threatening organ dysfunction caused by a dysregulated host response to infection. Septic shock is a subset of sepsis in which underlying circulatory and cellular/metabolic abnormalities are profound enough to substantially increase mortality.

### OVERVIEW AND CRITERIA:

In 2016, The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3) was developed. Sepsis-3 provides the most clinically relevant definitions of sepsis with a Sequential [Sepsis-related] Organ Failure Assessment (SOFA) score of 2 or more as an adjunct in the clinical diagnosis of sepsis (Table 1). The baseline Sequential [Sepsis-related] Organ Failure Assessment (SOFA) score should be assumed to be zero unless the patient is known to have preexisting (acute or chronic) organ dysfunction before the onset of infection. qSOFA, termed for quick SOFA incorporates altered mentation, systolic blood pressure of 100 mm Hg or less, and respiratory rate of 22/min or greater, provides simple bedside criteria to identify adult patients with suspected infection who are likely to have poor outcomes (Table 2). qSOFA criteria should be used to prompt clinicians to further investigate for organ dysfunction, to initiate or escalate therapy as appropriate, and to consider referral to critical care.

Table 1. Sequential [Sepsis-Related] Organ Failure Assessment Score<sup>a</sup>

System	Score				
	0	1	2	3	4
Respiration					
Pao <sub>2</sub> /Fio <sub>2</sub> , mm Hg (kPa)	≥400 (53.3)	<400 (53.3)	<300 (40)	<200 (26.7) with respiratory support	<100 (13.3) with respiratory support
Coagulation					
Platelets, ×10 <sup>3</sup> /μL	≥150	<150	<100	<50	<20
Liver					
Bilirubin, mg/dL (μmol/L)	<1.2 (20)	1.2-1.9 (20-32)	2.0-5.9 (33-101)	6.0-11.9 (102-204)	>12.0 (204)
Cardiovascular					
MAP ≥70 mm Hg	MAP <70 mm Hg	Dopamine <5 or dobutamine (any dose) <sup>b</sup>	Dopamine 5.1-15 or epinephrine ≤0.1 or norepinephrine ≤0.1 <sup>b</sup>	Dopamine >15 or epinephrine >0.1 or norepinephrine >0.1 <sup>b</sup>	
Central nervous system					
Glasgow Coma Scale score <sup>c</sup>	15	13-14	10-12	6-9	<6
Renal					
Creatinine, mg/dL (μmol/L)	<1.2 (110)	1.2-1.9 (110-170)	2.0-3.4 (171-299)	3.5-4.9 (300-440)	>5.0 (440)
Urine output, mL/d				<500	<200

Table 2. qSOFA (Quick SOFA) Criteria

Respiratory rate ≥ 22/min

Altered Mentation

Systolic blood pressure ≤ 100 mm Hg

## PROCESS:

The Health Plan will apply these sepsis guidelines issued by the Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3) to inpatient hospital reviews as well as Rehabilitation, Skilled Nursing Facility and Long-Term Acute Care services for validation that sepsis was present and sepsis treatment services were appropriately rendered. Hospital payments may be adjusted if after reviewing the member’s medical record and it is determined that sepsis and sepsis treatment services are unsupported based on the Sepsis-3 definition and criteria.

## POST- SERVICE REVIEWS:

The Health Plan conducts Diagnosis- Related Group (DRG) clinical validation reviews both pre-payment and post-payment to confirm DRG assignments and appropriate payment. This helps to ensure that claims represent the services provided to our members and billing and reimbursement is compliant with federal and state regulations as well as applicable standards, rules, laws, policy, and contract provisions. The Health Plan will apply the sepsis guidelines issued by The International Consensus Definitions for Sepsis and Septic Shock (Sepsis- 3) to reviews for clinical validation that sepsis was present and sepsis treatment services were appropriately rendered. Hospital payments may be adjusted if after reviewing the member’s medical

record The Health Plan or its designated vendor determines that sepsis and sepsis treatment services are unsupported based upon the Sepsis-3 definition and criteria.

## REFERENCES:

The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis- 3).JAMA. 2016; 315(8):801-810. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4968574/>

Centers for Medicare & Medicaid Services (CMS). Medicare Claims Processing Manual. Chapter 23- Fee Schedule Administration and Coding Requirements. Rev. 12823; Issued: September 5, 2024. <https://www.cms.gov/Regulations-and-Guidance/Guidance/Manuals/Downloads/clm104c23.pdf>

### All Revision Dates

12/2/2024

### Approval Signatures

Step Description	Approver	Date
EMT	Mumtaz Ibrahim, MD: Chief Medical Officer	12/2/2024
MDOC	Robert Cross, MD: Medical Director	12/2/2024
	Heather Jones: VP Clinical Services	12/2/2024
	Alison Muklewicz: Director, Utilization Management	11/27/2024