

Sepsis Bundle Algorithms

07-01-2021 (3Q21) through 12-31-2021 (4Q21)

SEP-1: Early Management Bundle, Severe Sepsis/Septic Shock (Composite Measure)

Within three hours of presentation of severe sepsis:

- Initial lactate level measurement
- Broad spectrum or other antibiotics administered
- Blood cultures drawn prior to antibiotics

AND received within six hours of presentation of severe sepsis. ONLY if the initial lactate is elevated:

- Repeat lactate level measurement

AND within three hours of initial hypotension:

- Resuscitation with 30 mL/kg crystalloid fluids

OR within three hours of septic shock:

- Resuscitation with 30 mL/kg crystalloid fluids

AND within six hours of septic shock presentation, ONLY if hypotension persists after fluid administration:

- Vasopressors are administered

AND within six hours of septic shock presentation, if hypotension persists after fluid administration or initial lactate ≥ 4 mmol/L:

- Repeat volume status and tissue perfusion assessment is performed

Numerator:

(Patients who received All of the following)

Denominator:

Inpatients age 18 and over with an ICD-10-CM Principal or Other Diagnosis Code of sepsis, severe sepsis or septic shock as defined in Appendix A, Table 4.01 and not equal to U07.1 (COVID-19)





















