Sepsis Bundle – 3 Hour
LTAC ONLY Facilities

Sepsis: Bundle Compliance	
Percent of identified sepsis patients who receive all the 3 hour bundle elements	
Measure type	Required Process Measure
Numerator	Number of identified sepsis patients who received all the following within three hours of presentation of severe sepsis: • Initial lactate level measurement • Broad spectrum or other antibiotics administered • Blood cultures drawn prior to antibiotics • Fluid Resuscitation: Administer 30 mL/kg of crystalloid fluid** for hypotension (defined as mean arterial pressure (MAP) < 65) or lactate (> 4)* *****Best practice recommendation****** 1. to re-measure lactate within 6 hours if initial lactate was elevated. 2. Continue monitoring of vital signs to assess for signs of decompensation 3. Consider use of vasopressors (for hypotension that does not respond to initial fluid resuscitation), 4. Consider measurement of CVP and $ScvO_2$, when arterial hypotension persists despite volume resuscitation or initial lactate ≥4 mmol/L. 5. Consider transfer to short term acute care if appropriate **<u>Exclusion criteria</u> for the 30 ml/kg fluid requirement for CHF & ESRD patients** **If Less than 30ml/kg are ordered and given, <u>All</u> the following criteria must be met:** The ordering Provider **<u>must document</u>** within a **<u>single note</u>** in the medical record: ▪ That administration of 30ml/kg of crystalloid fluids would be **<u>detrimental or harmful</u>** for the pt. despite having hypotension, a lactate >= 4 mmol/L, or documentation of septic shock; ▪ **<u>AND</u>** the pt. has one of the following conditions: ○ **<u>Advanced or End Stage Heart Failure</u>** (with documentation of **NYHA** class III or symptoms with minimal exertion, **<u>OR</u> NYHA** class IV or symptoms at rest or with any activity)

	○ **Advanced or End Stage Chronic Renal Disease** (with documentation of Stage IV or GFR 15-29ml/min, **OR** Stage V or GFR <15ml/min **OR** ESRD) ▪ **AND** the **volume** of crystalloid fluids **in place of** 30ml/kg the pt. was to receive; ▪ **AND** an **order** for the volume of fluids **in place of** 30ml/kg to be administered ▪ **Utilizing IBW to determine the amount of Crystalloid Fluid Administration** The Provider can use Ideal Body Weight (IBW) to determine the target ordered volume if **ALL** the following conditions are met. Other acceptable weight terms include predicted weight, dosing weight, and adjusted body weight. ▪ Provider documents the **pt. is obese** (defined as BMI >30). ▪ Provider documents the **IBW is used** to determine target ordered volume. ▪ **IBW is documented** in the medical record. Provider orders are required for the fluids.
Denominator	Inpatients age 18 and over with an ICD-10-CM Principal or Other Diagnosis Code of Sepsis, Severe Sepsis or Septic Shock
Denominator Exclusions	The following patients are excluded from the denominator: Severe sepsis is not present Patient admitted to the LTACH facility with an active diagnosis of severe sepsis and/or septic shock, with ongoing treatment initiated at the transferring facility. Patients receiving IV antibiotics for more than 24 hours prior to presentation of severe sepsis. Patients with a Directive for Comfort Care or Palliative Care within 3 hours of presentation of severe sepsis Patients with an Administrative Contraindication to Care within 6hours of presentation of severe sepsis Patients with an Administrative Contraindication to Care within 6 hours of presentation of septic shock Patients with a Directive for Comfort Care or Palliative Care within 6 hours of presentation of septic shock Patients with septic shock who are discharged within 6 hours of presentation Patients with severe sepsis who are discharged within 6 hours of presentation Patients with a Length of Stay >120 days Patients included in a Clinical Trial
Calculation	(Numerator/Denominator) X 100