**Supplemental Digital Content, Table 1**

**Definitions of Sepsis and Time-Sensitive Treatments**

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| **Sepsis Criteria** | **Definitions** |
| Centers for Medicare and Medicaid Services (CMS) Sepsis Criteria6 | 2 or more **SIRS criteria**:   * Temperature > 1010F or < 96.80F * Heart rate > 90/minute * Respiratory rate >20/minute * WBC >12,000 or < 4,000 or bands > 10%   **PLUS**   * Suspected **infection** (identified source)   **AND**  Evidence of 1 or more **organ dysfunctions**:   * SBP < 90 or MAP < 65 or SBP drop by > 40 mmHg from baseline * Creatinine > 2.0 mg/dL or urine output < 0.5 ml/kg/hr for 2 hours * Bilirubin > 2.0 mg/dL * Platelet < 100,000 * INR > 1.5, PTT > 60 seconds * Lactate > 2.0 mg/dL * Change in Glasgow Coma Score (GCS) from baseline |
| SOFA Score Elements4 | 1. Neurological (change in GCS < 15) 2. Cardiac (hypotension and/or vasopressor requirement) 3. Respiratory (PaO2/FiO2 ratio) 4. Hepatic (bilirubin) 5. Renal (creatinine elevation or oliguria) 6. Hematologic (Platelets/thrombocytopenia)   (Score 0-4 in each category depending on degree of impairment. Scores range from 0-24. Acute change of ≥ 2 indicates new organ dysfunction and increased mortality risk).4 |
| qSOFA Score Elements4 | 1. Altered mental status from baseline (GCS < 15) 2. Respiratory rate ≥ 22/minute 3. SBP ≤ 100 mmHg   (Score 1 for each criteria met. A score of ≥ 2 constitutes a positive score) |
| Time-Sensitive Sepsis Treatment Guidelines: Metrics for Assessing Compliance6 | |
| Blood Cultures | Draw within one hour of sepsis identification (or within 24 hours prior to meeting criteria). |
| Antibiotics | Administer within 3 hours of sepsis identification (or prior to meeting sepsis criteria). |
| Fluid bolus | 30 ml/kg completed within 3 hours of sepsis identification. |
| Lactate | Measure first lactate within 3 hours of sepsis identification (or within 3 hours prior to meeting sepsis criteria);  Measure second lactate within 3 hours of the first lactate when first lactate is elevated ≥ 2.0 mmoL/L. |