

**Supplementary Online Material 1.** Overview of data collected.

<b>Data category</b>	<b>Independent variable data capture includes</b>	<b>Data source</b>
<b>Baseline Data</b>		
<b>Demographics &amp; History</b>	Date of hospital presentation Date of ICU admission if applicable Age Sex/ gender Height Weight Comorbidities Home medications	Electronic medical record (EMR), paper chart
<b>Clinical Data</b>	History of presenting illness – date of onset of symptoms Clinical presentation including vital signs Initial laboratory tests and any clinically ordered investigations	Electronic medical record (EMR), paper chart
<b>Daily Data – Admission day 0 to 7</b>		
<b>Physiologic Data</b>	Mean arterial pressure and heart rate Oxygenation and ventilation Renal function and urine output Neurological status Acid-base balance SOFA score	EMR, emergency room record, anesthesia record, paper chart
<b>Clinical Events</b>	Cardiac arrest & cardiopulmonary resuscitation (Y/N) Major Neurologic events (eg seizure, stroke) Major Pulmonary events (eg pulmonary embolism, hypoxic events) Major Cardiac events (eg clinically diagnosed myocardial infarction, arrhythmias) Clinically diagnosed infections (e.g. VAP, line associated infection, other)	EMR, paper chart

<b>Organ sustaining therapies</b>	Mechanical ventilation (Y/N) Vasoactive agents (Number, mean norepi equivalents) Antiarrhythmic therapies (Y/N) Fluid balance Renal replacement therapy (Y/N) Cardiovascular mechanical support (Y/N)	EMR, bedside nursing records, respiratory therapy ventilation records, paper chart
<b>Management &amp; Therapies</b>	Antimicrobial administration (Y/N) Procedures related to shock etiology (eg surgical debridement for source control, pericardiocentesis, chest tube placement) Adjunctive therapies (eg corticosteroids) Anticoagulation therapy (eg thrombolytics, heparin)	EMR, paper chart
<b>Diagnostics Findings [as ordered for clinical reasons]</b>	Laboratory results Microbial culture results Computed tomography scans X-ray findings Echocardiograms (transthoracic and transesophageal) Point-of-care Ultrasound (PoCUS) findings	EMR, QPath database, paper chart
<b>Final Status</b>		
<b>Vital Status</b>	Date of hospital discharge & destination (eg home vs. long-term care facility, etc) if applicable Date of death in hospital if did not survive to hospital discharge	EMR