

****Medical Report - Patient 006-100897****

****1. Patient Information****

* **Patient Unit Stay ID:** 876268 * **Patient Health System Stay ID:** 656229 * **Unique Patient ID:** 006-100897 *
Gender: Male * **Age:** 78 years * **Ethnicity:** Caucasian * **Hospital ID:** 176 * **Ward ID:** 376 * **Unit Type:**
Med-Surg ICU * **Unit Admit Time:** 21:30:00 * **Unit Admit Source:** Acute Care/Floor * **Unit Discharge Time:**
22:14:00 * **Unit Discharge Location:** Acute Care/Floor * **Unit Discharge Status:** Alive * **Hospital Admit Time:**
10:29:00 * **Hospital Admit Source:** Emergency Department * **Hospital Discharge Year:** 2015 * **Hospital Discharge
Time:** 21:29:00 * **Hospital Discharge Location:** Skilled Nursing Facility * **Hospital Discharge Status:** Alive *
Admission Weight: 87 kg * **Discharge Weight:** 93.6 kg

****2. History****

NULL (Insufficient data provided in the JSON to describe the patient's medical history.)

****3. Diagnoses****

The patient presented with multiple diagnoses, reflecting a complex clinical picture. The diagnoses, listed in order of priority (Primary then Major), include:

* **Primary Diagnoses:** * Sepsis (038.9, A41.9) - recorded at 190 minutes and 50 minutes, and 193 minutes after unit admit time. Also recorded as Severe Sepsis (995.92, R65.2) at 11170 minutes, 10737 minutes and 14722 minutes after unit admit time. * Septic Shock (785.52, R65.21) - recorded at 1610 minutes and 6031 minutes, and 8701 minutes after unit admit time. * **Major Diagnoses:** * Acute Respiratory Failure (518.81, J96.00) - recorded at 1610 minutes, 8950 minutes, 11168 minutes, 10737 minutes and 14722 minutes after unit admit time. * Metabolic Encephalopathy (348.31, G93.41) - recorded at 11168 minutes, 8950 minutes, 11168 minutes, 1610 minutes, 11168 minutes, 1610 minutes, 10737 minutes, 1072 minutes, 6031 minutes and 8701 minutes after unit admit time. Also recorded as active upon discharge (14722 minutes after unit admit time). * Infectious Disease of Nervous System (Meningitis) - recorded at 11170 minutes and 8950 minutes after unit admit time. Also recorded as active upon discharge at 14722 minutes after unit admit time. * Bacteremia (038.9, R78.81) - recorded at 11170 minutes, 11168 minutes and 10737 minutes after unit admit time. Also recorded as active upon discharge at 14722 minutes after unit admit time. * Acute Renal Failure (584.9, N17.9) - recorded as active upon discharge at 14722 minutes after unit admit time.

****4. Treatments****

The patient received several treatments during their ICU stay. These included:

* **Renal Medications:** Bicarbonate - administered at 193 minutes, 59 minutes and 1610 minutes after unit admit time. *
Pulmonary: Mechanical ventilation - administered at 1610 minutes, 6031 minutes and 1072 minutes after unit admit time. * **Cardiovascular:** Norepinephrine (≤ 0.1 micrograms/kg/min) - administered at 1610 minutes after unit admit time. * **Pulmonary:** Non-invasive ventilation - administered at 8950 minutes after unit admit time.

****5. Vital Trends****

NULL (Insufficient data provided to show vital sign trends over time.)

****6. Lab Trends****

The lab results show fluctuations in several key parameters. Detailed analysis requires visualization (see Section 2). Note that multiple measurements were taken for many lab values at different times. Key lab results include values for albumin, alkaline phosphatase, calcium, creatinine, total bilirubin, potassium, chloride, glucose, and blood gas analyses (pH, PaO₂, PaCO₂, O₂ Sat, Base Excess, HCO₃, Temperature, tidal volume (TV), PEEP, and bedside glucose). Hematological

results (MPV, MCV, RDW, WBC, Hct, Hgb) were also collected. A full list and analysis is detailed in the CSV data (Section 3). These lab results are indicative of the patient's underlying conditions and response to treatment. Further analysis is required to determine the full significance of these trends.

****7. Microbiology Tests****

NULL (No microbiology test results are included in the provided data.)

****8. Physical Examination Results****

Two structured physical examinations were performed. The first at 52 minutes after unit admission and the second at 11168 minutes after unit admission. Both examinations recorded vital signs including heart rate (HR - current, highest and lowest values), systolic and diastolic blood pressure (BP – current, highest and lowest values), respiratory rate (current, highest and lowest values) and oxygen saturation (O2 Sat – current, highest and lowest values). Admission weight of 87 kg was recorded at the first examination and a current weight of 97.3 kg (+10.3 kg change) at the second. The Glasgow Coma Scale (GCS) was scored at both examinations. Fluid intake and output were recorded at the second examination.