

****Medical Report for Patient 006-1004****

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

* **Patient Unit Stay ID:** 850469 * **Patient Health System Stay ID:** 640809 * **Unique Patient ID:** 006-1004 *
* **Gender:** Male * **Age:** 79 * **Ethnicity:** Other/Unknown * **Hospital ID:** 167 * **Ward ID:** 413 * **Unit Type:**
Med-Surg ICU * **Unit Admit Time:** 2014-XX-XX 13:47:00 (Assuming a date exists but is not provided) * **Unit Admit
Source:** Emergency Department * **Hospital Admit Time:** 2014-XX-XX 12:46:00 (Assuming a date exists but is not
provided, 61 minutes before unit admit) * **Hospital Admit Source:** Emergency Department * **Hospital Discharge
Time:** 2014-XX-XX 23:11:00 (Assuming a date exists but is not provided, 7764 minutes after unit admit) * **Hospital
Discharge Location:** Other External * **Hospital Discharge Status:** Alive * **Unit Discharge Time:** 2014-XX-XX
17:01:00 (Assuming a date exists but is not provided, 1634 minutes after unit admit) * **Unit Discharge Location:**
Step-Down Unit (SDU) * **Unit Discharge Status:** Alive * **Admission Weight:** 50 kg * **Discharge Weight:** 51.1 kg *
* **Admission Height:** 160 cm (units assumed) * **APACHE Admission Dx:** Sepsis, pulmonary

****2. History****

NULL (Insufficient data provided to elaborate on patient history.)

****3. Diagnoses****

* **Diagnosis ID:** 12540515 * **Diagnosis String:** cardiovascular|shock / hypotension|sepsis * **ICD-9 Code:** 038.9,
A41.9 * **Diagnosis Priority:** Primary * **Active Upon Discharge:** True * **Diagnosis Offset:** 33 minutes from unit
admit time.

The primary diagnosis upon admission was sepsis, with associated cardiovascular shock and hypotension. The diagnosis
was active at the time of discharge from the ICU.

****4. Treatments****

* **Treatment ID:** 23711724 * **Treatment String:** cardiovascular|intravenous fluid|normal saline
administration|aggressive volume resuscitation (>250 mls/hr) * **Active Upon Discharge:** True * **Treatment Offset:** 33
minutes from unit admit time.

The patient received aggressive volume resuscitation with normal saline, a common treatment for septic shock. This
treatment remained active at the time of discharge from the ICU.

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

NULL (No vital sign time-series data provided.)

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

The provided data includes multiple lab results at different time points. A detailed analysis requires time-series
visualization (see section 2). Key lab results include:

* **Albumin:** 2.5 g/dL (Initial) * **AST (SGOT):** 23 Units/L (Initial) * **Anion Gap:** 11 (Initial), 9 (Later) * **Total
Bilirubin:** 1.2 mg/dL (Initial) * **Potassium:** 4.3 mmol/L (Initial), 2.8 mmol/L (Later) * **BUN:** 22 mg/dL (Initial), 16
mg/dL (Later) * **Alkaline Phosphatase:** 103 Units/L (Initial) * **MCV:** 88 fL (Initial), 89 fL (Later) * **Hemoglobin
(Hgb):** 11.6 g/dL (Initial), 8.0 g/dL (Later) * **Total Protein:** 8.9 g/dL (Initial) * **RBC:** 3.92 M/mcL (Initial), 2.80 M/mcL
(Later) * **Glucose:** 179 mg/dL (Initial), 97 mg/dL (Later), 147 mg/dL (Later), 138 mg/dL (Later), 125 mg/dL (Later), 147
mg/dL (Later), 159 mg/dL (Later) * **Bicarbonate:** 23 mmol/L (Initial), 21 mmol/L (Later), 115 mmol/L (Later) *

Calcium: 7.9 mg/dL (Initial), 6.6 mg/dL (Later) * **Creatinine:** 1.03 mg/dL (Initial), 0.80 mg/dL (Later) * **Chloride:** 104 mmol/L (Initial), 115 mmol/L (Later) * **Lactate:** 3.8 mmol/L (Initial), 3.9 mmol/L (Later) * **Respiratory Rate:** 25 /min * **FiO2:** 29 % * **WBC x 1000:** 7.9 K/mcL (Initial), 4.4 K/mcL (Later) * **MPV:** 10.2 fL (Initial), 9.9 fL (Later) * **MCH:** 29.6 pg (Initial), 28.6 pg (Later) * **MCHC:** 33.4 g/dL (Initial), 32.3 g/dL (Later) * **RDW:** 17 % (Initial), 16.6 % (Later) * **Troponin-I:** <0.02 ng/mL * **BNP:** 897 pg/mL * **TSH:** 5.68 mcU/ml * **Magnesium:** 1.4 mg/dL (Later) * **Bedside Glucose:** Multiple readings over time (138, 147, 125, 147, 159 mg/dL)

7. Microbiology Tests

NULL (No microbiology test data provided.)

8. Physical Examination Results

A structured physical exam was performed. The following vital signs were recorded:

* **Heart Rate (Current):** 112 bpm * **Heart Rate (Lowest):** 112 bpm * **Heart Rate (Highest):** 113 bpm * **Systolic Blood Pressure (Current):** 104 mmHg * **Systolic Blood Pressure (Lowest):** 107 mmHg * **Systolic Blood Pressure (Highest):** 104 mmHg * **Diastolic Blood Pressure (Current):** 40 mmHg * **Diastolic Blood Pressure (Lowest):** 38 mmHg * **Diastolic Blood Pressure (Highest):** 40 mmHg * **Respiratory Rate (Current):** 23 breaths/min * **Respiratory Rate (Lowest):** 23 breaths/min * **Respiratory Rate (Highest):** 25 breaths/min * **Oxygen Saturation (Current):** 94 % * **Oxygen Saturation (Lowest):** 92 % * **Oxygen Saturation (Highest):** 94 % * **Weight (Admission):** 50 kg * **Weight (Current):** 48.9 kg * **Weight (Delta):** -1.1 kg * **Intake Total:** 20 ml * **Output Total:** 1 ml * **Dialysis Net:** 0 ml * **Total Net:** +19 ml * **Glasgow Coma Scale (GCS) Score:** 15 (4+5+6) The patient's GCS score indicates normal neurological function.