

****Medical Report for Patient 002-10156****

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

* **Patient Unit Stay ID:** 193665 * **Patient Health System Stay ID:** 169654 * **Unique Patient ID:** 002-10156 *
* **Gender:** Female * **Age:** 54 * **Ethnicity:** Caucasian * **Hospital ID:** 61 * **Ward ID:** 120 * **Unit Type:**
Med-Surg ICU * **Unit Admit Time:** 2014-XX-XX 22:02:00 (Assuming a date) * **Unit Admit Source:** Emergency
Department * **Unit Discharge Time:** 2014-XX-XX 17:16:00 (Assuming a date) * **Unit Discharge Location:** Floor *
* **Unit Discharge Status:** Alive * **Hospital Admit Time:** 2014-XX-XX 21:20:00 (Assuming a date) * **Hospital Admit
Source:** Emergency Department * **Hospital Discharge Year:** 2014 * **Hospital Discharge Time:** 2014-XX-XX
18:54:00 (Assuming a date) * **Hospital Discharge Location:** Home * **Hospital Discharge Status:** Alive * **Admission
Height:** 165.1 cm (Assuming units) * **Admission Weight:** 59.8 kg * **Discharge Weight:** 61.4 kg * **APACHE
Admission Dx:** Sepsis, renal/UTI (including bladder)

****2. History****

NULL (Insufficient information provided in the JSON data to generate a detailed patient history.)

****3. Diagnoses****

* **Primary Diagnosis:** Cardiovascular|Shock / Hypotension|Sepsis (ICD-9: 038.9, A41.9) * **Secondary Diagnoses:** *
Endocrine|Thyroid|Hypothyroidism (ICD-9: 244.9, E03.9) * Renal|Disorder of Urinary Tract / Renal System Infection|Upper
Urinary Tract Infection (ICD-9: 590.10, N10)

****4. Treatments****

NULL (Insufficient information provided in the JSON data to generate a detailed treatment plan.)

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

* **Heart Rate (HR):** Current 100 bpm, Lowest 100 bpm, Highest 108 bpm. * **Blood Pressure (BP):** Systolic Current
105 mmHg, Systolic Lowest 94 mmHg, Systolic Highest 116 mmHg; Diastolic Current 64 mmHg, Diastolic Lowest 55
mmHg, Diastolic Highest 69 mmHg. (Assuming units) * **Respiratory Rate (Resp):** Current 19 breaths/min, Lowest 19
breaths/min, Highest 22 breaths/min. (Assuming units) * **Oxygen Saturation (O2 Sat):** Current 96%, Lowest 95%,
Highest 96%. * **Weight:** Admission 59.8 kg, Current 62.5 kg, Delta +2.7 kg. * **Resp Mode:** Spontaneous * **HR
Rhythm:** Sinus, Regular

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

The provided data includes multiple lab results taken at different time points (-217 minutes, 793 minutes, and 2278
minutes from unit admission). A detailed analysis of trends requires a time-series visualization (see section 2). However,
we can note some initial values:

* **Initial Blood Chemistry (-217 minutes):** Chloride (103 mmol/L), Glucose (133 mg/dL), ALT (10 Units/L), Alkaline
Phosphatase (133 Units/L), Anion Gap (13 mmol/L), Potassium (2.8 mmol/L), Total Bilirubin (0.4 mg/dL), Albumin (2.7
g/dL), BUN (5 mg/dL), AST (11 Units/L). * **Hematology (-217 minutes):** MCHC (34.9 g/dL), Platelets (291 K/mcL), RDW
(12.9 %), MCH (34.1 pg), -Monocytes (5 %), -Eosinophils (0 %), -Polymorphs (91 %), MCV (97.7 fL), WBC (7.1 K/mcL),
Hgb (11.7 g/dL), Hct (33.5 %) * **Later Blood Chemistry (793 minutes):** Glucose (101 mg/dL), ALT (19 Units/L), Alkaline
Phosphatase (74 Units/L), Anion Gap (12 mmol/L), Potassium (3.9 mmol/L), Total Bilirubin (1.2 mg/dL), Albumin (3.3
g/dL), BUN (18 mg/dL), Chloride (106 mmol/L), Calcium (8.8 mg/dL), Total Protein (6.4 g/dL), Phosphate (3.9 mg/dL),
Sodium (142 mmol/L), Lactate (1.7 mmol/L), Creatinine (0.8 mg/dL), Magnesium (2.1 mg/dL), Lipase (58 units/L) * **Later
Hematology (793 minutes):** MCHC (33.5 g/dL), Platelets (167 K/mcL), RDW (14.8 %), MCH (30.6 pg), -Monocytes (10
%), -Eosinophils (2 %), -Polymorphs (53 %), MCV (91.3 fL), WBC (4.8 K/mcL), Hgb (13.3 g/dL), Hct (39.7 %) * **Final

Blood Chemistry (2278 minutes):** Chloride (111 mmol/L), Glucose (102 mg/dL), Creatinine (0.6 mg/dL), Calcium (8.4 mg/dL), BUN (3 mg/dL), Anion Gap (12 mmol/L), Potassium (3.6 mmol/L) * **Final Hematology (2278 minutes):** MCHC (33.7 g/dL), Platelets (311 K/mcL), RDW (13.2 %), MCH (33.5 pg), -Monocytes (5 %), -Eosinophils (4 %), -Polymorphs (70 %), MCV (99.7 fL), WBC (5.1 K/mcL), Hgb (10.4 g/dL), Hct (30.9 %) * **Misc Labs:** Urinary Specific Gravity <1.005 *
Blood Gas: LPM O2 (2 L/min)

7. Microbiology Tests

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

8. Physical Examination Results

A structured physical exam was performed. The following vital signs were recorded: Heart rate (HR) between 100-108 bpm, systolic blood pressure (BP) between 94-116 mmHg, diastolic BP between 55-69 mmHg, respiratory rate (Resp) between 19-22 breaths/min, and oxygen saturation (O2 Sat) between 95-96%. The patient's weight increased from 59.8 kg on admission to 62.5 kg during the ICU stay. The patient's respiratory mode was spontaneous, and heart rhythm was described as sinus and regular. A GCS score of 15 (4+5+6) was recorded.