

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

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

****Patient Unit Stay ID:**** 193665 ****Unique Patient ID:**** 002-10156 ****Gender:**** Female ****Age:**** 54 years ****Ethnicity:**** Caucasian ****Hospital Admission Time:**** 2014, 21:20:00 ****Hospital Admission Source:**** Emergency Department ****Hospital Discharge Time:**** 2014, 18:54:00 ****Hospital Discharge Location:**** Home ****Hospital Discharge Status:**** Alive ****Unit Type:**** Med-Surg ICU ****Unit Admission Time:**** 2014, 22:02:00 ****Unit Admission Source:**** Emergency Department ****Unit Discharge Time:**** 2014, 17:16:00 ****Unit Discharge Location:**** Floor ****Unit Discharge Status:**** Alive ****Admission Weight:**** 59.8 kg ****Discharge Weight:**** 61.4 kg ****Admission Height:**** 165.1 cm

****2. History****

NULL (Insufficient information provided in the JSON data to generate a detailed patient history. The admission diagnosis mentions Sepsis and a urinary tract infection, but more background is needed.)

****3. Diagnoses****

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

****4. Treatments****

NULL (No treatment information is available in the provided data.)

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

The following vital signs were recorded at the time of the initial physical examination:

****Heart Rate (HR):**** Current 100 bpm, Lowest 100 bpm, Highest 108 bpm ****Blood Pressure (BP):**** Systolic - Current 105 mmHg, Lowest 94 mmHg, Highest 116 mmHg; Diastolic - Current 64 mmHg, Lowest 55 mmHg, Highest 69 mmHg ****Respiratory Rate (Resp):**** Current 19 breaths/min, Lowest 19 breaths/min, Highest 22 breaths/min ****Oxygen Saturation (O2 Sat):**** Current 96%, Lowest 95%, Highest 96% ****Weight:**** Admission 59.8 kg, Current 62.5 kg, Delta +2.7 kg ****Respiratory Mode:**** Spontaneous ****Heart Rhythm:**** Sinus, Regular ****Glasgow Coma Scale (GCS):**** Total Score: 15 (Eyes 4, Verbal 5, Motor 6)

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

The provided data includes multiple lab results at different time points. To fully present lab trends, a time-series analysis would be necessary with visualization. However, some notable initial and final values are presented below. Note that time offsets are relative to unit admission time. Negative offsets indicate values obtained before unit admission.

****Initial Lab Values (approximately -217 minutes from unit admit):****

****Chloride:**** 103 mmol/L ****Glucose:**** 133 mg/dL ****ALT (SGPT):**** 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 (SGOT):**** 11 Units/L ****MCHC:**** 34.9 g/dL ****Platelets:**** 291 K/mcL ****RDW:**** 12.9 % ****MCH:**** 34.1 pg ****monos:**** 5 % ****eos:**** 0 % ****basos:**** 0 % ****polys:**** 91 % ****lymphs:**** 4 % ****RBC:**** 3.43 M/mcL ****Hct:**** 33.5 % ****Hgb:**** 11.7 g/dL ****WBC:**** 7.1 K/mcL ****Lipase:**** 58 Units/L ****Lactate:**** 1.7 mmol/L ****Magnesium:**** 1.4 mg/dL

****Final Lab Values (approximately 2278 minutes from unit admit):****

* **Creatinine:** 0.6 mg/dL * **Glucose:** 102 mg/dL * **Calcium:** 8.4 mg/dL * **BUN:** 3 mg/dL * **Chloride:** 111 mmol/L * **Bicarbonate:** 24 mmol/L * **Anion Gap:** 12 mmol/L * **Potassium:** 3.6 mmol/L * **MCHC:** 33.7 g/dL * **Platelets:** 311 K/mcL * **RDW:** 13.2 % * **MCH:** 33.5 pg * **monos:** 5 % * **eos:** 4 % * **basos:** 0 % * **polys:** 70 % * **lymphs:** 21 % * **RBC:** 3.1 M/mcL * **Hct:** 30.9 % * **Hgb:** 10.4 g/dL * **WBC:** 5.1 K/mcL * **Magnesium:** 1.9 mg/dL

****Intermediate Lab Values (approximately 793 minutes from unit admit):**** * **RBC:** 4.35 M/mcL * **basos:** 0 % * **lymphs:** 35 % * **polys:** 53 % * **MCHC:** 33.5 g/dL * **MCH:** 30.6 pg * **MCV:** 91.3 fL * **RDW:** 14.8 % * **Hgb:** 13.3 g/dL * **Hct:** 39.7 % * **WBC:** 4.8 K/mcL * **Glucose:** 101 mg/dL * **ALT (SGPT):** 19 Units/L * **Albumin:** 3.3 g/dL * **Bicarbonate:** 28 mmol/L * **Anion Gap:** 12 mmol/L * **AST (SGOT):** 16 Units/L * **Calcium:** 8.8 mg/dL * **Potassium:** 3.9 mmol/L * **Total Protein:** 6.4 g/dL * **Creatinine:** 0.8 mg/dL * **Alkaline Phosphatase:** 74 Units/L * **Total Bilirubin:** 1.2 mg/dL * **BUN:** 18 mg/dL * **Phosphate:** 3.9 mg/dL * **Magnesium:** 2.1 mg/dL * **Urinary Specific Gravity:** <1.005

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

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

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

A structured physical exam was performed. Vital signs are noted above. The record indicates a GCS score of 15. Additional details regarding the physical examination findings are absent from the provided data.