

****Medical Report: Patient 003-12079****

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

* **Patient Unit Stay ID:** 244477 * **Unique Patient ID:** 003-12079 * **Gender:** Female * **Age:** 55 * **Ethnicity:** Caucasian * **Hospital Admit Time:** 2014, 20:57:00 * **Hospital Discharge Time:** 2014, 05:35:00 * **Unit Admit Time:** 23:35:00 * **Unit Discharge Time:** 05:35:00 * **Admission Weight:** 113.7 kg * **Discharge Weight:** 113.7 kg * **Unit Type:** Med-Surg ICU * **Hospital Admit Source:** Direct Admit * **Unit Admit Source:** Direct Admit * **Hospital Discharge Location:** Other Hospital * **Unit Discharge Location:** Other Hospital * **Hospital Discharge Status:** Alive * **Unit Discharge Status:** Alive * **Admission Height:** 165.1 cm

****2. History****

Insufficient data provided to generate a detailed patient history. The available data only provides diagnoses and treatments, lacking information on presenting symptoms, family history, social history, or prior medical conditions. A comprehensive history would require additional information.

****3. Diagnoses****

The patient presented with multiple active diagnoses upon discharge:

* **Primary Diagnosis:** Cardiovascular|shock / hypotension|sepsis (ICD-9 codes: 038.9, A41.9) * **Major Diagnoses:** * Neurologic|altered mental status / pain|depression (ICD-9 codes: 311, F32.9) * Neurologic|altered mental status / pain|bipolar disorder (ICD-9 codes: 296.80, F31.9) * Oncology|chest tumors|breast CA|female (ICD-9 codes: 174.9, C50.919) * Infectious diseases|systemic/other infections|fever (ICD-9 codes: 780.6, R50.9) * Gastrointestinal|hepatic disease|hepatic dysfunction|with cirrhosis (ICD-9 codes: 571.5, K74.60) * Infectious diseases|skin, bone and joint infections|wound infection|surgical wound (ICD-9 code: 998.59) * Infectious diseases|systemic/other infections|hematological effect of infection|thrombocytopenia (ICD-9 codes: 287.5, D69.6)

****4. Treatments****

The patient received the following treatments during their ICU stay:

* Cultures (sputum, blood, urine) * Vancomycin * Penicillin G benzathine & procaine * Chest X-ray * CT scans (chest, abdomen, pelvis, without contrast) * Narcotic analgesic * Bolus parenteral analgesics * Compression boots * Aggressive volume resuscitation (>250 mls/hr) * Low molecular weight heparin (enoxaparin) * Ondansetron * Nasal cannula oxygen therapy (<40%) * Jackson-Pratt drain

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

NULL. Vital sign data (heart rate, blood pressure, respiratory rate, oxygen saturation) are needed to generate vital sign trends.

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

The following lab results were recorded:

* Hemoglobin (Hgb): 13.6 g/dL (initial), 13.2 g/dL (later) * Hematocrit (Hct): 39.1% (initial), 38.1% (later) * White blood cell count (WBC): 15.9 K/mcL (initial), 10.4 K/mcL (later) * Platelets: 265 K/mcL (initial), 316 K/mcL (later) * Sodium: 136 mmol/L (initial), 137 mmol/L (later) * Potassium: 3.5 mmol/L (initial), 3.2 mmol/L (later) * Chloride: 103 mmol/L (initial), 108 mmol/L (later) * Bicarbonate: 21 mmol/L (initial), 20 mmol/L (later) * Blood urea nitrogen (BUN): 12 mg/dL (initial), 12 mg/dL (later) * Creatinine: 0.9 mg/dL (initial), 0.9 mg/dL (later) * Albumin: 3.7 g/dL * Total protein: 6.8 g/dL * Total bilirubin:

1.0 mg/dL * Alkaline phosphatase: 60 Units/L * Alanine aminotransferase (ALT): 37 Units/L * Aspartate aminotransferase (AST): 47 Units/L * Mean corpuscular volume (MCV): 87.6 fL (initial), 87.9 fL (later) * Mean corpuscular hemoglobin (MCH): 30.5 pg (initial), 30.5 pg (later) * Mean corpuscular hemoglobin concentration (MCHC): 34.8 g/dL (initial), 34.8 g/dL (later) * Red cell distribution width (RDW): 13.9% (initial), 13.4% (later) * Red blood cell count (RBC): 4.47 M/mcL (initial), 4.33 M/mcL (later) * Eosinophils: 1% (initial), 6.7% (later) * Band neutrophils: 12% (initial) * Lymphocytes: 1% (initial), 28.4% (later) * Monocytes: 1% (initial), 5% (later) * Polymorphonuclear leukocytes: 85% (initial), 59.3% (later) * Basophils: 0.6% (later) * Prothrombin time (PT): 11.4 sec (initial) * Partial thromboplastin time (PTT): 25.9 sec (initial) * PT-INR: 1.1 ratio (initial) * Fibrinogen: 471 mg/dL (initial) * Lactate: 3.6 mmol/L (initial), 3.4 mmol/L (later) * Arterial blood gas (ABG) results: pH 7.44, PaO2 61 mm Hg, PaCO2 30 mm Hg, HCO3 22 mmol/L, Base Excess -4 mEq/L, O2 Sat 93% (all values are from one timepoint) * FiO2: 21% (initial), 28% (later) * LPM O2: 2 L/min (later)

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

The patient underwent sputum, blood, and urine cultures. Results are not included in the provided data.

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

* A structured physical exam was performed. * Heart rate: 140 (current), 127 (lowest), 145 (highest) bpm * Blood pressure (systolic): 112 (current), 112 (lowest), 107 (highest) mmHg * Blood pressure (diastolic): 54 (current), 54 (lowest), 95 (highest) mmHg * Respiratory rate: 39 (current), 31 (lowest), 39 (highest) breaths/min * Oxygen saturation: 93% (current), 93% (lowest), 95% (highest) * Weight: 113.7 kg (admission) * Heart rhythm: Sinus * Respiratory mode: Spontaneous * Glasgow Coma Scale (GCS): 15 (Eyes 4, Verbal 5, Motor 6) * Mental status: Normal level of consciousness, oriented x3, calm and appropriate affect

****Note:**** This report is based solely on the provided data. Absence of information in certain sections reflects the limitations of the input data, not the completeness of a typical medical record. A more comprehensive report would require additional clinical data.