

****Medical Report for Patient 005-10707****

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

* **Patient Unit Stay ID:** 453326 * **Unique Patient ID:** 005-10707 * **Gender:** Male * **Age:** 85 * **Ethnicity:** Hispanic * **Hospital Admission Time:** 2014-XX-XX 08:10:00 * **Hospital Admission Source:** Emergency Department * **Hospital Discharge Time:** 2014-XX-XX 22:30:00 * **Hospital Discharge Location:** Home * **Hospital Discharge Status:** Alive * **Unit Type:** Med-Surg ICU * **Unit Admission Time:** 2014-XX-XX 09:35:00 * **Unit Admission Source:** Emergency Department * **Unit Discharge Time:** 2014-XX-XX 04:48:00 * **Unit Discharge Location:** Floor * **Unit Discharge Status:** Alive * **Admission Weight:** 54.9 kg * **Admission Height:** 167.6 cm

****2. History****

NULL (Insufficient information provided to reconstruct the patient's medical history. The provided data only contains diagnoses, labs, treatments, and a limited physical exam, but lacks details on presenting symptoms, past medical history, family history, social history, etc., needed for a comprehensive history section.)

****3. Diagnoses****

* **Primary Diagnosis:** Congestive Heart Failure (CHF) (428.0, I50.9) * cardiovascular|ventricular disorders|congestive heart failure * **Major Diagnosis:** Atrial Fibrillation with Rapid Ventricular Response (427.31, I48.0) * cardiovascular|arrhythmias|atrial fibrillation|with rapid ventricular response * **Other Diagnosis:** Hypertension (401.9, I10) * cardiovascular|ventricular disorders|hypertension

****4. Treatments****

* **Oxygen Therapy (40% to 60%):** Active upon discharge * **Lisinopril (ACE inhibitor):** Active upon discharge * **Pantoprazole (Stress Ulcer Prophylaxis):** Active upon discharge * **Acetaminophen (Non-narcotic analgesic):** Active upon discharge * **Oral Analgesics:** Active upon discharge * **Metoprolol (Beta Blocker):** Active upon discharge * **Digoxin:** Active upon discharge * **Thrombin Inhibitor (Anticoagulant):** Active upon discharge * **IV Furosemide (Intravenous Diuretic):** Active upon discharge * **Aspirin (Antiplatelet agent):** Active upon discharge * **Non-invasive Ventilation:** Active upon discharge

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

NULL (No vital sign time series data provided)

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

The following lab values were recorded:

* **Hemoglobin (Hgb):** 12.5 g/dL (initial), 12.8 g/dL (later) * **Hematocrit (Hct):** 36.2% (initial), 37.5% (later) * **Mean Corpuscular Volume (MCV):** 85 fL (initial), 85 fL (later) * **Mean Corpuscular Hemoglobin (MCH):** 30 pg (initial), 29 pg (later) * **Mean Corpuscular Hemoglobin Concentration (MCHC):** 35 g/dL (initial), 34 g/dL (later) * **Red Blood Cell Distribution Width (RDW):** 14.9% (initial), 14.8% (later) * **White Blood Cell Count (WBC):** 6.9 K/mcL (initial), 5.9 K/mcL (later) * **Platelets:** 182 K/mcL (initial), 199 K/mcL (later) * **Mean Platelet Volume (MPV):** 11.2 fL (initial), 11 fL (later) * **% Monocytes:** 10% (initial), 13% (later) * **% Lymphocytes:** 16% (initial), 20% (later) * **% Eosinophils:** 2% (initial), 4% (later) * **% Basophils:** 0% (initial), 1% (later) * **% Polymorphonuclear neutrophils:** 72% (initial), 63% (later) * **Blood Urea Nitrogen (BUN):** 26 mg/dL (initial), 27 mg/dL (later), 36 mg/dL (later) * **Creatinine:** 1.2 mg/dL (initial), 1.3 mg/dL (later), 1.4 mg/dL (later) * **Sodium:** 141 mmol/L (initial), 141 mmol/L (later), 143 mmol/L (later) * **Chloride:** 105 mmol/L (initial), 99 mmol/L (later), 98 mmol/L (later) * **Bicarbonate:** 22 mmol/L (initial), 32 mmol/L (later), 32 mmol/L (later) * **Anion Gap:** 14 (initial), 12 (later), 11 (later) * **Calcium:** 9.1 mg/dL (later), 9.2 mg/dL (later) * **Glucose:** 117 mg/dL (initial), 91 mg/dL (later), 96 mg/dL (later) * **Total Cholesterol:** 146 mg/dL (initial) * **LDL:** 81

mg/dL (initial) * **HDL:** 48 mg/dL (initial) * **Triglycerides:** 84 mg/dL (initial) * **Creatine Phosphokinase (CPK):** 94 Units/L * **Creatine Phosphokinase-MB (CPK-MB):** 1.9 ng/mL * **Troponin-I:** 0.07 ng/mL (initial), 0.06 ng/mL (later), 0.06 ng/mL (later) * **Digoxin:** 0.4 ng/mL (initial), 1.6 ng/mL (later) * **Thyroid Stimulating Hormone (TSH):** 2.15 mcU/ml (later) * **Magnesium:** 2.0 mg/dL (later) * **Arterial Blood Gas (ABG) Results:** * pH: 7.346 * paO2: 148.4 mmHg * paCO2: 39.3 mmHg * O2 Saturation: 98.8% * HCO3: 21 mmol/L * Base Excess: -4.3 mEq/L * Methemoglobin: 0.3% * Carboxyhemoglobin: 0.3% * FiO2: 50% * **Bedside Glucose:** 110 mg/dL

7. Microbiology Tests

NULL (No microbiology test data provided.)

8. Physical Examination Results

* **Physical Exam Performed:** Yes (Performed - Structured) * **General Appearance:** Ill-appearing * **Heart Rate (HR):** 92 bpm (Current, Lowest, Highest) * **Blood Pressure (BP):** 141/92 mmHg (Systolic Current, Systolic Lowest, Systolic Highest, Diastolic Current, Diastolic Lowest, Diastolic Highest) * **Respiratory Rate:** 19 breaths/min (Current, Lowest, Highest) * **Oxygen Saturation (O2 Sat):** 100% (Current, Lowest, Highest) * **FiO2:** 50% * **Heart Rhythm:** Irregular, Narrow Complex * **Respiratory Mode:** Spontaneous * **Glasgow Coma Scale (GCS):** 15 (Eyes 4, Verbal 5, Motor 6) * **Level of Consciousness:** Normal * **Orientation:** Oriented x3 * **Affect:** Calm/Appropriate * **Airway:** Not intubated