

****Medical Report: Patient 004-18752****

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

****Patient Unit Stay ID:**** 369273 ****Unique Patient ID:**** 004-18752 ****Gender:**** Male ****Age:**** 58 ****Ethnicity:**** Caucasian ****Hospital Admission Time:**** 2014, 16:31:00 ****Hospital Admission Source:**** Emergency Department ****Hospital Discharge Time:**** 2014, 15:43:00 ****Hospital Discharge Location:**** Home ****Hospital Discharge Status:**** Alive ****Unit Type:**** Med-Surg ICU ****Unit Admission Time:**** 18:06:00 ****Unit Admission Source:**** Emergency Department ****Unit Discharge Time:**** 21:31:00 ****Unit Discharge Location:**** Floor ****Unit Discharge Status:**** Alive ****Admission Weight:**** 95 kg ****Admission Height:**** 187.9 cm

****2. History****

Admission history indicates the patient presented to the Emergency Department with symptoms consistent with congestive heart failure (CHF). The patient's admission diagnosis was CHF, and additional diagnoses were made during the ICU stay, as detailed below. The patient's medical history prior to this admission is not available in the provided data. More information is needed to fully describe the patient's history.

****3. Diagnoses****

The patient's diagnoses, active upon discharge, included:

****Congestive Heart Failure:**** cardiovascular|ventricular disorders|congestive heart failure (ICD-9 codes: 428.0, I50.9). This was marked as an 'Other' priority diagnosis. ****Diabetes Mellitus:**** endocrine|glucose metabolism|diabetes mellitus. This was marked as an 'Other' priority diagnosis. ****Ventricular Tachycardia:**** cardiovascular|arrhythmias|ventricular tachycardia (ICD-9 codes: 427.1, I47.2). This was marked as an 'Other' priority diagnosis. ****Acute Respiratory Distress:**** pulmonary|respiratory failure|acute respiratory distress (ICD-9 code: 518.82). This was marked as an 'Other' priority diagnosis.

****4. Treatments****

The patient received the following treatments during their ICU stay, all active upon discharge:

****Subcutaneous regular insulin:**** endocrine|glucose metabolism|insulin|subcutaneous dose of regular insulin ****Amiodarone:**** cardiovascular|arrhythmias|antiarrhythmics|class III antiarrhythmic|amiodarone ****IV furosemide:**** cardiovascular|ventricular dysfunction|intravenous diuretic|IV furosemide ****Oxygen therapy (> 60%):**** pulmonary|ventilation and oxygenation|oxygen therapy (> 60%)>90% ****Simvastatin:**** cardiovascular|myocardial ischemia / infarction|antihyperlipidemic agent|HMG-CoA reductase inhibitor|simvastatin ****Sliding scale insulin:**** endocrine|glucose metabolism|insulin|sliding scale administration ****IV pantoprazole:**** gastrointestinal|medications|stress ulcer prophylaxis|pantoprazole|IV ****Carvedilol:**** cardiovascular|ventricular dysfunction|alpha/beta blocker|carvedilol ****Levofloxacin:**** infectious diseases|medications|therapeutic antibacterials|quinolone|levofloxacin ****Face mask non-invasive ventilation:**** pulmonary|ventilation and oxygenation|non-invasive ventilation|face mask ****Aspirin:**** cardiovascular|myocardial ischemia / infarction|antiplatelet agent|aspirin ****Piperacillin/tazobactam:**** infectious diseases|medications|therapeutic antibacterials|penicillins|piperacillin/tazobactam ****Clopidogrel:**** cardiovascular|myocardial ischemia / infarction|antiplatelet agent|aggregation inhibitors|clopidogrel

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

NULL. Vital signs data is not provided.

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

The following lab results were recorded at 41 minutes post-unit admission:

* **Albumin:** 3.3 g/dL * **Potassium:** 3.8 mmol/L * **Calcium:** 7.9 mg/dL * **AST (SGOT):** 41 Units/L * **Sodium:** 137 mmol/L * **Glucose:** 391 mg/dL * **MCHC:** 32.1 g/dL * **Total Bilirubin:** 0.3 mg/dL * **Platelets x 1000:** 363 K/mcL * **Creatinine:** 3.7 mg/dL * **MCH:** 25.5 pg * **CPK-MB Index:** 2.1 % * **PTT:** 23.4 sec * **Bicarbonate:** 21.4 mmol/L * **Hgb:** 13.1 g/dL * **Troponin - I:** 0.034 ng/mL * **MCV:** 79.4 fL * **ALT (SGPT):** 57 Units/L * **WBC x 1000:** 14.6 K/mcL * **CPK:** 106 Units/L * **RDW:** 17.6 % * **BUN:** 18 mg/dL * **PT:** 11.2 sec * **Chloride:** 102 mmol/L * **Total Protein:** 7 g/dL * **PT - INR:** 1.06 ratio * **FiO2:** 40 % * **CPK-MB:** 2.2 ng/mL

Trends over time cannot be determined from the given data, which only includes a single lab result timepoint.

7. Microbiology Tests

NULL. Microbiology data is not provided.

8. Physical Examination Results

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

* **Heart Rate (Current, Lowest, Highest):** 73 bpm * **Blood Pressure (Systolic - Current, Lowest, Highest):** 146 mmHg * **Blood Pressure (Diastolic - Current, Lowest, Highest):** 89 mmHg * **Respiratory Rate (Current, Lowest, Highest):** 18 breaths/min * **Respiratory Description:** Labored * **Oxygen Saturation (Current, Lowest, Highest):** 100 % * **Weight (Admission):** 95 kg * **FiO2 (%):** 100 % * **Heart Rhythm:** Sinus, regular * **Respiratory Mode:** Spontaneous * **Glasgow Coma Scale (GCS):** Score: Scored, Eyes: 4, Verbal: 5, Motor: 6