

****Patient Information****

Patient Unit Stay ID: 341781 Unique Patient ID: 004-10202 Gender: Male Age: 49 Ethnicity: Caucasian Hospital Admit Time: 2014-XX-XX 22:47:00 Hospital Discharge Time: 2014-XX-XX 19:29:00 Unit Type: CTICU Unit Admit Time: 2014-XX-XX 17:55:00 Unit Admit Source: Floor Unit Discharge Time: 2014-XX-XX 21:35:00 Unit Discharge Location: Floor Admission Height: 123 cm Admission Weight: 121.2 kg Discharge Weight: NULL Hospital Admit Source: Direct Admit Hospital Discharge Status: Alive Unit Stay Type: readmit Unit Discharge Status: Alive APACHE Admission Dx: Cardiomyopathy

****Medical History****

Insufficient data provided to generate a detailed medical history. The provided data focuses on diagnoses and treatments during the ICU stay, but lacks broader information on the patient's past medical history, family history, social history, etc. To create a comprehensive medical history section, additional data is needed, including information on previous illnesses, surgeries, allergies, medication history, and relevant family history. Information on the patient's lifestyle, including diet, exercise, smoking, and alcohol consumption, would also be beneficial.

****Diagnoses****

The patient presented with the following diagnoses during their ICU stay:

* **Primary:** Cardiovascular | Ventricular disorders | Cardiomyopathy * **Major:** Cardiovascular | Shock / hypotension | Cardiogenic shock (ICD-9: 785.51, R57.0) * **Major:** Pulmonary | Respiratory failure | Acute respiratory distress (ICD-9: 518.82) * **Major:** Cardiovascular | Ventricular disorders | Congestive heart failure (ICD-9: 428.0, I50.9) * **Major:** Cardiovascular | Arrhythmias | AV block | Complete heart block (ICD-9: 426.0, I44.2) * **Major:** Cardiovascular | Arrhythmias | Ventricular tachycardia (ICD-9: 427.1, I47.2) * **Major:** Pulmonary | Disorders of the airways | Obstructive sleep apnea (ICD-9: 780.57, G47.33) * **Major:** Cardiovascular | Chest pain / ASHD | Coronary artery disease | Known (ICD-9: 414.00, I25.10) * **Major:** Gastrointestinal | Hepatic disease | Hepatic dysfunction (ICD-9: 573.9, K76.9) * **Major:** Renal | Disorder of kidney | Acute renal failure (ICD-9: 584.9, N17.9) * **Other:** Renal | Disorder of kidney | Chronic renal insufficiency (ICD-9: 585.9, N18.9) * **Other:** Cardiovascular | Chest pain / ASHD | Hyperlipidemia (ICD-9: 272.4, E78.5)

Note that the ICD-9 codes provided are not consistently complete or present for all diagnoses. Further investigation may be necessary to clarify the coding and ensure accuracy.

****Treatments****

The patient received the following treatments during their ICU stay:

* Pulmonary | Consultations | Pulmonary/CCM consultation * Endocrine | Glucose metabolism | Glucose | D50 * Infectious Diseases | Procedures | Vascular catheter placement | Central venous * Cardiovascular | Myocardial ischemia / infarction | Analgesics | Narcotic analgesic * Gastrointestinal | Medications | Antiemetic | Serotonin antagonist | Ondansetron * Cardiovascular | Non-operative procedures | Intraaortic balloon pump removal * Cardiovascular | Non-operative procedures | Cardiac angiography * Cardiovascular | Consultations | Cardiology consultation * Cardiovascular | Non-operative procedures | Implantation of heart pacemaker | Permanent * Cardiovascular | Ventricular dysfunction | Intravenous diuretic | IV furosemide * Gastrointestinal | Medications | Stress ulcer prophylaxis | Pantoprazole | IV * Renal | Procedures/radiology | Renal ultrasound * Gastrointestinal | Medications | Antiemetic | Promethazine * Cardiovascular | Myocardial ischemia / infarction | Analgesics | Oral analgesics * Renal | Consultations | Nephrology consultation * Pulmonary | Radiologic procedures / bronchoscopy | Chest x-ray * Gastrointestinal | Nutrition | Enteral feeds | Oral feeds * Cardiovascular | Myocardial ischemia / infarction | Inotropic agent | Dobutamine * Cardiovascular | Arrhythmias | Antiarrhythmics | Class III antiarrhythmic | Amiodarone * Cardiovascular | Non-operative procedures | Diagnostic ultrasound of heart | Transthoracic echocardiography * Cardiovascular | Myocardial ischemia / infarction | Analgesics | Bolus parenteral analgesics * Pulmonary | Ventilation and oxygenation | Non-invasive ventilation * Cardiovascular | Myocardial ischemia / infarction | Inotropic agent | Dopamine 5-15 micrograms/kg/min

All listed treatments were inactive upon discharge.

****Vital Trends****

NULL. No vital sign data is included in the provided JSON.

****Lab Trends****

The provided lab data includes various chemistry, hemo, and misc tests performed at different time points during the ICU stay. Detailed trends require time-series visualization (see visualization section). However, some notable initial observations include:

* Elevated creatinine levels (initially 6.21 mg/dL and 6.77 mg/dL, later decreasing to 3.12 mg/dL and 3.07 mg/dL) indicative of renal dysfunction. * Elevated glucose levels (ranging from 90 mg/dL to 307 mg/dL), suggesting possible hyperglycemia or issues with glucose regulation. * Fluctuations in blood gases (pH, PaO₂, PaCO₂, HCO₃, Base Excess) suggesting respiratory instability. * Low Hematocrit (Hct) levels (ranging from 22.1% to 24%), suggesting anemia. * Elevated liver enzymes (ALT and AST), indicating potential liver damage. * Relatively low platelet count (ranging from 187,000 to 350,000/mcL).

Comprehensive analysis requires a detailed time-series analysis and visualization.

****Microbiology Tests****

NULL. No microbiology test data is included in the provided JSON.

****Physical Examination Results****

The physical exam at admission recorded the following:

* Heart Rate (HR) Current, Lowest, and Highest: 78 bpm * Blood Pressure (BP) Systolic Current, Lowest, and Highest: 117 mmHg * Blood Pressure (BP) Diastolic Current, Lowest, and Highest: 93 mmHg * Respiratory Rate (Resp) Current, Lowest, and Highest: 23 breaths/min * Oxygen Saturation (O₂ Sat) Current, Lowest, and Highest: 95% * Central Venous Pressure (CVP): 21 mmHg * Admission Weight: 121.2 kg * Urine Output: 400 ml * Total Intake: 0 ml * Total Net Fluid Balance: -400 ml * Respiratory Mode: Spontaneous * FiO₂: 40% * Glasgow Coma Scale (GCS): Estimated due to medications (Verbal 5, Motor 5, Eyes 4)

This information represents a snapshot of the patient's condition at a single point during their ICU stay and may not reflect the full extent of their physical exam findings. More frequent and comprehensive physical examination data would be needed to develop a more complete understanding of the patient's progress.