

****Medical Report: Patient 002-11639****

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

****Patient Unit Stay ID:**** 229383 ****Unique Patient ID:**** 002-11639 ****Gender:**** Male ****Age:**** 60 ****Ethnicity:**** Caucasian ****Hospital Admission Time:**** 2014-XX-XX 01:20:00 ****Hospital Discharge Time:**** 2014-XX-XX 15:50:00 ****Unit Type:**** SICU ****Unit Admission Time:**** 2014-XX-XX 01:20:00 ****Unit Discharge Time:**** 2014-XX-XX 15:50:00 ****Admission Weight:**** 78 kg ****Discharge Weight:**** 79.4 kg ****Hospital Admit Source:**** Emergency Department ****Unit Admit Source:**** Emergency Department ****Hospital Discharge Location:**** Home ****Unit Discharge Location:**** Home ****Hospital Discharge Status:**** Alive ****Unit Discharge Status:**** Alive

****2. History****

NULL. The provided data does not include a patient history. A comprehensive medical history, including present illness, past medical history, family history, social history, and review of systems, is crucial for a complete medical report. This information is not present in the provided dataset.

****3. Diagnoses****

****Primary Diagnoses:**** * Acute Myocardial Infarction (with ST elevation), inferolateral wall (ICD-9: 410.21, I21.19) * Acute Coronary Syndrome, inferior wall (ICD-9: 410.41, I21.19) ****Other Diagnoses:**** * Asthma / Bronchospasm (ICD-9: 493.90, J45) * Chest pain (ICD-9: 786.50, R07.9) * Bradycardia (ICD-9:)

The patient was admitted with acute myocardial infarction as the primary diagnosis, indicating a serious cardiac event. The presence of other diagnoses suggests a complex clinical picture, potentially including respiratory and cardiac issues.

****4. Treatments****

NULL. The provided data does not contain information regarding treatments administered during the ICU stay. Details about medications, procedures, and therapies are missing.

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

NULL. The data includes some vital signs (Heart Rate, Blood Pressure, Respiratory Rate, and Oxygen Saturation) from a single physical exam, but lacks the longitudinal data needed to establish trends.

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

The following lab values were obtained at different time points during the hospital stay. Precise timing is indicated by the `labresultoffset` (minutes from unit admit time):

****Chemistry Panel (multiple time points):**** Bicarbonate, Total Protein, Calcium, Potassium, Creatinine, Glucose, BUN, ALT (SGPT), Chloride, Anion Gap, Albumin, HDL, LDL, Total Cholesterol, Triglycerides, Magnesium. Note that several of these were measured at admission (-52 minutes offset), at approximately 2 hours (130 minutes offset), and at approximately 13.5 hours (820 minutes offset). Analysis of these repeated measurements allows for the assessment of trends in electrolyte balance, renal function, and liver function over time. Significant changes in these values may suggest ongoing organ damage or treatment response.

****Hematology Panel:**** Hemoglobin (Hgb), Hematocrit (Hct), White Blood Cell count (WBC), Platelets, Mean Corpuscular Volume (MCV), Mean Corpuscular Hemoglobin (MCH), Mean Corpuscular Hemoglobin Concentration (MCHC), Red Cell Distribution Width (RDW), PT, PTT, PT-INR. These values, all measured at admission, provide a baseline assessment of the patient's hematologic status.

* **Cardiac Markers:** Troponin-I. Multiple measurements of troponin-I were taken, providing insights into the extent and progression of the myocardial damage.

* **Other Labs:** BNP was measured at admission.

7. Microbiology Tests

NULL. No microbiology test results are included in the provided data. Information on cultures, sensitivities, and other microbiology findings is absent.

8. Physical Examination Results

The physical exam recorded at 171 minutes post-admission shows:

* **Heart Rate (HR):** Current 62 bpm, Lowest 57 bpm, Highest 62 bpm. * **Blood Pressure (BP):** Systolic Current 108 mmHg, Systolic Lowest 108 mmHg, Systolic Highest 107 mmHg; Diastolic Current 64 mmHg, Diastolic Lowest 58 mmHg, Diastolic Highest 67 mmHg. * **Respiratory Rate (Resp):** Current 17 breaths/min, Lowest 17 breaths/min, Highest 25 breaths/min. * **Oxygen Saturation (O2 Sat):** Current 98%, Lowest 98%, Highest 99%. * **Weight:** Admission 78 kg, Current 78 kg, Delta 0 kg. * **I&O:** Intake Total 0 ml, Output Total 425 ml, Dialysis Net 0 ml, Total Net -425 ml. * **Glasgow Coma Scale (GCS):** Total Score 15 (Eyes 4, Verbal 5, Motor 6).

The physical exam findings suggest a relatively stable condition at the time of the exam, although the negative fluid balance warrants attention.