Medical Report for Patient 003-10368

1. Patient Information

* **Patient Unit Stay ID:** 242895 * **Unique Patient ID:** 003-10368 * **Gender:** Male * **Age:** 80 * **Ethnicity:** Caucasian * **Hospital Admission Time:** 2015-XX-XX 17:00:00 * **Hospital Discharge Time:** 2015-XX-XX 17:35:00 * **Unit Admission Time:** 2015-XX-XX 16:18:00 * **Unit Discharge Time:** 2015-XX-XX 18:41:00 * **Admission Weight:** 101.2 kg * **Discharge Weight:** 101.2 kg * **Admission Height:** 170.18 cm * **Hospital Admission Source:** Floor * **Hospital Discharge Location:** Home * **Hospital Discharge Status:** Alive * **Unit Admission Source:** Floor * **Unit Discharge Location:** Floor * **Unit Discharge Status:** Alive * **Unit Type:** Med-Surg ICU

2. History

NULL (Insufficient information provided in the JSON data to generate a detailed patient history.)

3. Diagnoses

The patient presented with multiple diagnoses during their ICU stay. The primary diagnosis upon admission and discharge was Atrial Fibrillation (ICD-9 codes 427.31, I48.0). Other diagnoses included:

* Obstructive Sleep Apnea (ICD-9 codes 780.57, G47.33): This diagnosis was recorded multiple times throughout the stay, both active and inactive at different points. * COPD (ICD-9 codes 491.20, J44.9): Similar to OSA, this diagnosis had multiple entries with varying active status. * Bradycardia: This diagnosis was also recorded at multiple time points throughout the stay, both active and inactive.

The timing of diagnosis entries, indicated by the `diagnosisoffset` field, suggests a pattern of evolving diagnoses and assessment throughout the patient's stay. The `activeupondischarge` field indicates that Atrial Fibrillation and COPD were active at the time of unit discharge.

4. Treatments

The patient received various treatments during their ICU stay. Key treatments included:

* **Cardiovascular Treatments:** Cardiology consultations were initiated at multiple points, along with the administration of Enoxaparin (low molecular weight heparin) as an anticoagulant. An external pacemaker was utilized, and later, a permanent pacemaker was implanted. Electrical cardioversion was also performed. Transthoracic echocardiography was conducted for diagnostic purposes. * **Pulmonary Treatments:** Inhaled bronchodilators, including Albuterol, were administered. Enoxaparin was also used for VTE prophylaxis.

The `activeupondischarge` field provides information on which treatments were ongoing at the time of unit discharge: Inhaled bronchodilators, Enoxaparin (as anticoagulant), and a permanent pacemaker implantation. The `treatmentoffset` field can be used to chronologically order treatments.

5. Vital Trends

NULL (Insufficient data provided to generate vital sign trends. Time-series data on heart rate, blood pressure, respiratory rate, and oxygen saturation are needed.)

6. Lab Trends

The provided lab data shows several blood tests conducted at different times during the patient's stay. The data includes Hematological tests (-eos, RDW, MCV, Hct, platelets x 1000, -lymphs, MPV, MCH, RBC, -monos, MCHC), Chemistry tests

(bicarbonate, total protein, calcium, creatinine, potassium, sodium, anion gap, BUN, glucose, total bilirubin, AST (SGOT), and ABG (O2 Sat (%), paCO2, pH, Base Excess, FiO2, paO2) tests. These values should be analyzed for trends over time to assess the patient's condition. Further analysis of the `labresultoffset` field will permit the creation of a timeline of lab results. Specific values are presented in the CSV data section below.

7. Microbiology Tests

NULL (No microbiology test data is provided in the JSON.)

8. Physical Examination Results

Physical exams were performed at multiple time points, with the last exam at 1427 minutes after unit admission time. The initial exam at 43 minutes post-admission indicated a GCS score of 15, irregular heart rhythm, and a respiratory rate of 21 breaths/minute. A later physical exam recorded a heart rate between 48 and 77 bpm, systolic blood pressure between 92 and 140 mmHg, diastolic blood pressure between 64 and 105 mmHg, and an oxygen saturation between 91% and 100%. The patient's admission and current weight were both 101.2 kg. The patient's urine output was 1045 ml.