**Medical Report: Patient 002-12250**

**1. Patient Information**

* **Patient Unit Stay ID:** 185821 * **Unique Patient ID:** 002-12250 * **Gender:** Male * **Age:** 55 * **Ethnicity:** Caucasian * **Hospital Admission Time:** 2015-XX-XX 06:52:00 (Hospital ID: 68, Ward ID: 103) * **Hospital Admission Source:** Operating Room * **Hospital Discharge Time:** 2015-XX-XX 23:00:00 * **Hospital Discharge Location:** Home * **Hospital Discharge Status:** Alive * **ICU Admission Time:** [Unit Admit Time needs to be calculated from offsets provided] * **ICU Admission Source:** Operating Room * **ICU Unit Type:** SICU * **ICU Discharge Time:** [Unit Discharge Time needs to be calculated from offsets provided] * **ICU Discharge Location:** Floor * **ICU Discharge Status:** Alive * **Admission Height:** 182.9 cm * **Admission Weight:** 74.8 kg * **Discharge Weight:** 74.8 kg * **Admission Diagnosis:** Chest/abdomen trauma

**2. History**

NULL (Insufficient data provided in the JSON to generate a detailed patient history. The admission diagnosis of Chest/abdomen trauma suggests a significant traumatic event requiring ICU admission, but further details are needed regarding the mechanism of injury, pre-existing conditions, and the patient's presentation upon arrival.)

**3. Diagnoses**

NULL (No specific diagnoses beyond the admission diagnosis are provided. The lab results suggest possible electrolyte imbalances and potentially anemia, but formal diagnoses require clinical interpretation by a physician.)

**4. Treatments**

NULL (No treatment information is provided in the JSON.)

**5. Vital Trends**

NULL (No vital sign data is included in the provided JSON. This section would typically include trends for heart rate, blood pressure, respiratory rate, temperature, and oxygen saturation over time.)

**6. Lab Trends**

The provided lab data shows multiple lab results at different time points. The time points are given as offsets from the unit admission time. A complete analysis would require converting these offsets to actual timestamps and analyzing trends for various blood parameters. Key lab values include:

* **BUN:** Blood Urea Nitrogen – shows values of 6 and 7 mg/dL at different time points, indicating possible renal function changes. * **Creatinine:** Shows values ranging from 0.83 to 0.96 mg/dL, suggesting some fluctuation in kidney function. * **Electrolytes:** Potassium levels fluctuated between 4.4 and 4.8 mmol/L, and sodium levels varied from 131 to 139 mmol/L, indicating potential electrolyte imbalances that need further investigation. * **Complete Blood Count (CBC):** Hemoglobin (Hgb) levels varied between 9.8 and 11.6 g/dL, suggesting possible anemia. Hematocrit (Hct) also showed variation (29.2% to 32.8%), consistent with anemia. Red blood cell (RBC) count, MCV (Mean Corpuscular Volume), MCH (Mean Corpuscular Hemoglobin), and MCHC (Mean Corpuscular Hemoglobin Concentration) provide additional information on the red blood cell parameters. White blood cell (WBC) count and differential (lymphocytes, polys, monos, basos) provide information on the patient's immune response. * **Anion Gap:** Values ranged from 10 to 16 mmol/L indicating metabolic acidosis. * **Blood Gas Analysis (ABG):** pH, PaO2, PaCO2, HCO3, and Base Deficit are available at one time point, providing a snapshot of the patient's acid-base balance. * **Liver Function Tests (LFTs):** AST and ALT are available at one time point. * **Coagulation Studies:** PT (Prothrombin Time) and PTT (Partial Thromboplastin Time) along with INR (International Normalized Ratio) are available at one time point. * **Other:** Glucose, Calcium, total bilirubin, total protein, and lipase are available at various time points.

**7. Microbiology Tests**

NULL (No microbiology test results are available in the provided JSON.)

**8. Physical Examination Results**

A structured physical examination was performed. Vital signs recorded include:

* **Heart Rate (HR):** Current: 71 bpm, Lowest: 71 bpm, Highest: 81 bpm * **Blood Pressure (BP):** Systolic: Current: 129 mmHg, Lowest: 118 mmHg, Highest: 141 mmHg; Diastolic: Current: 87 mmHg, Lowest: 87 mmHg, Highest: 141 mmHg * **Respiratory Rate:** Current: 30 breaths/min, Lowest: 27 breaths/min, Highest: 113 breaths/min * **Oxygen Saturation (SpO2):** Current: 100%, Lowest: 94%, Highest: 100% * **Weight:** Admission: 74.8 kg, Current: 74.8 kg, Delta: 0 kg * **Intake and Output:** Intake total: 1183 ml, Output total: 1400 ml, Dialysis Net: 0 ml, Total Net: -217 ml * **Glasgow Coma Scale (GCS):** Score: Scored, Motor: 6, Verbal: 5, Eyes: 4

(Note: Some values, particularly respiratory rate and blood pressure, seem unusually high or inconsistent. This requires clinical correlation.)