Medical Report: Patient 002-12407

1. Patient Information

* **Patient Unit Stay ID:** 165929 * **Unique Patient ID:** 002-12407 * **Gender:** Female * **Age:** 87 * **Ethnicity:** Caucasian * **Hospital Admission Time:** 2015-XX-XX 01:55:40 (Hospital Admit Offset: -1293 minutes from unit admit time) * **Hospital Admission Source:** Operating Room * **Hospital Discharge Time:** 2015-XX-XX 19:42:00 (Hospital Discharge Offset: 14174 minutes from unit admit time) * **Hospital Discharge Location:** Skilled Nursing Facility * **Hospital Discharge Status:** Alive * **Unit Type:** Med-Surg ICU * **Unit Admission Time:** 2015-XX-XX 23:28:00 * **Unit Admission Source:** Operating Room * **Unit Discharge Time:** 2015-XX-XX 01:35:00 (Unit Discharge Offset: 1567 minutes from unit admit time) * **Unit Discharge Location:** Step-Down Unit (SDU) * **Unit Discharge Status:** Alive * **Admission Weight:** 62.7 kg * **Discharge Weight:** 62.7 kg * **Admission Height:** 167.6 cm

2. History

NULL (Insufficient information provided in the JSON data to reconstruct a detailed patient history. The admission diagnosis mentions 'GI obstruction, surgery for', suggesting a surgical intervention for gastrointestinal issues, but no further details are available regarding the patient's medical history prior to this ICU stay.)

3. Diagnoses

* **Primary Diagnosis:** s/p exploratory laparotomy (Diagnosis ID: 3923059) * **Major Diagnosis:** s/p surgery for intestinal obstruction (Diagnosis ID: 3878344) * **Other Diagnoses:** * Stage 3 Chronic Kidney Disease (GFR 30-59) (Diagnosis ID: 3603100, ICD-9 Codes: 585.3, N18.3) * Diabetes Mellitus (Diagnosis ID: 3618782) * Hypertension (Diagnosis ID: 4232872, ICD-9 Codes: 401.9, I10)

4. Treatments

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

5. Vital Trends

* **Heart Rate (HR):** Current, lowest, and highest values recorded as 102. Further time-series data is needed to establish trends. * **Blood Pressure (BP):** Systolic current value: 154 mmHg; diastolic current value: 89 mmHg. Lowest systolic: 140 mmHg; lowest diastolic: 67 mmHg; Highest systolic: 154 mmHg; highest diastolic: 89 mmHg. Further time-series data is needed to establish trends. * **Respiratory Rate (RR):** Current, lowest, and highest values recorded as 26 breaths per minute. Further time-series data is needed to establish trends. * **Oxygen Saturation (O2 Sat):** Current value: 96%; lowest value: 94%; highest value: 96%. Further time-series data is needed to establish trends.

6. Lab Trends

The provided lab data includes multiple blood tests (chemistry and hematology) taken at different time points (-1666, -728, 676, 1412 minutes from unit admit time). These include:

* **Complete Blood Count (CBC) with differential:** Shows variations in WBC, RBC, Hgb, Hct, MCV, MCH, MCHC, RDW, platelets, lymphocytes, monocytes, eosinophils, basophils, and bands across multiple time points. Analysis requires time-series visualization to identify trends and potential correlations with diagnoses and treatments. * **Basic Metabolic Panel (BMP):** Includes glucose, BUN, creatinine, sodium, potassium, chloride, bicarbonate, total protein, albumin, ALT (SGPT), AST (SGOT), total bilirubin, anion gap, and calcium across multiple time points. Similarly, time-series visualization is necessary to understand trends and clinical significance. * **Lactate:** A single lactate measurement of 1.4 mmol/L was recorded at -1636 minutes from unit admit time. * **Lipase:** A single lipase measurement of 186 Units/L was recorded at -1666 minutes from unit admit time.

7. Microbiology Tests

NULL (No microbiology test results are included in the JSON data.)

8. Physical Examination Results

A structured physical exam was performed. Vital signs (HR, BP, RR, O2 Sat) were recorded and show initial values, but lack the time-series data necessary for complete interpretation. Weight measurements indicate no change in weight during the stay. Fluid balance (intake and output) shows a positive balance of +299 ml. A Glasgow Coma Scale (GCS) score of 15 (Eyes 4, Verbal 5, Motor 6) was documented.