Medical Report for Patient 006-101284

1. Patient Information:

* **Patient Unit Stay ID:** 826483 * **Patient Health System Stay ID:** 626346 * **Unique Patient ID:** 006-101284 * **Gender:** Male * **Age:** 68 * **Ethnicity:** Caucasian * **Hospital ID:** 158 * **Ward ID:** 388 * **Unit Type:** Med-Surg ICU * **Unit Admit Time:** 21:34:00 * **Unit Admit Source:** PACU * **Unit Discharge Time:** 18:56:00 * **Unit Discharge Location:** Home * **Unit Discharge Status:** Alive * **Hospital Admit Time:** 20:02:00 * **Hospital Admit Source:** PACU * **Hospital Discharge Year:** 2015 * **Hospital Discharge Time:** 18:56:00 * **Hospital Discharge Location:** Home * **Hospital Discharge Status:** Alive * **Admission Height:** 187.9 cm * **Admission Weight:** 99 kg * **Discharge Weight:** NULL * **APACHE Admission Dx:** Adrenalectomy

2. History:

NULL (Insufficient information provided)

3. Diagnoses:

The patient presented with the following diagnoses:

* **Primary Diagnosis:** s/p adrenal surgery|pheochromocytoma (entered 69 minutes post unit admit) * **Major Diagnosis:** s/p adrenal surgery|pheochromocytoma (entered 102 minutes post unit admit), hypotension / pressor dependent (entered 102 minutes post unit admit)

Note: Multiple entries for 's/p adrenal surgery|pheochromocytoma' suggest potential recording redundancy rather than evolving diagnostic complexity.

4. Treatments:

The patient received the following treatments:

* **Phenylephrine (Neosynephrine):** A vasopressor used to treat hypotension. This treatment was initially active, then discontinued upon discharge.

5. Vital Trends:

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

6. Lab Trends:

The following lab results were recorded:

* **Hematology:** Multiple hematology tests were performed at 41 minutes and 806 minutes post unit admission. These include: platelets, WBC, MCHC, RDW, MCH, MCV, RBC, Hgb, Hct, PT, PTT, PT-INR. * **Chemistry:** Chemistry panels were drawn at 31 minutes and 806 minutes post unit admission. These include: albumin, total bilirubin, total protein, AST (SGOT), alkaline phosphatase, sodium, bicarbonate, phosphate, chloride, BUN, glucose, magnesium, ALT (SGPT), and creatinine. Troponin-I was measured at 31, 412, and -279 minutes post unit admission. FiO2 was measured at 62 minutes post unit admission.

(Detailed numerical trends require charting and further analysis.)

7. Microbiology Tests:

NULL (No microbiology test data provided)

8. Physical Examination Results:

* A structured physical exam was performed 63 minutes post unit admission. * Vital signs recorded included: Heart rate (current: 60, lowest: 57, highest: 60 bpm), Blood pressure (systolic: current: 106, lowest: 100, highest: 106 mmHg; diastolic: current: 56, lowest: 57, highest: 56 mmHg), Respiratory rate (current: 12, lowest: 12, highest: 13 breaths/min), and Oxygen saturation (current: 99%, lowest: 97%, highest: 99%). * Neurological exam: GCS (Glasgow Coma Scale) - Motor score 6, verbal score 5, eyes score 4. This indicates altered mental status. * Admission weight 99kg was documented.

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Chart Description:

1. **Time-Series Plot of Key Lab Values:** A line graph will display the trends of key lab values (e.g., Hemoglobin, Hematocrit, Platelets, WBC, Creatinine, BUN, Sodium, Potassium, Glucose, Troponin-I) over time (minutes from unit admit time). Each lab value will be represented by a different colored line. This visualization will help identify patterns or abnormalities in the patient's physiological status during their ICU stay. The x-axis will represent time (minutes from unit admission), and the y-axis will represent the lab result value with appropriate units.

2. **Scatter Plot of Hematologic Parameters:** This scatter plot will show the relationship between paired hematologic parameters measured at the same time points (e.g., Hemoglobin vs. Hematocrit, Platelets vs. WBC). Points would be color-coded by time, showing changes in correlations over time. This visualization will help identify any correlations or deviations from expected relationships between these values and show if the relationships change over time. The x-axis will represent one hematologic parameter, and the y-axis will represent another. The color will represent the time point of measurement.

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CSV Data:

```csv LabName,LabResult,LabResultUnits,LabResultOffset (minutes) Hemoglobin,12.5,g/dL,41 Hemoglobin,11.9,g/dL,806 Hematocrit,37.6,%,41 Hematocrit,36.3,%,806 Platelets x 1000,128,K/mcL,41 Platelets x 1000,123,K/mcL,806 WBC x 1000,10.6,K/mcL,41 WBC x 1000,8.8,K/mcL,806 Creatinine,1,mg/dL,31 Creatinine,1,mg/dL,806 BUN,21,mg/dL,31 BUN,16,mg/dL,806 Sodium,139,mmol/L,31 Sodium,139,mmol/L,806 Potassium,4.5,mmol/L,31 Potassium,4.4,mmol/L,806 Glucose,162,mg/dL,31 Glucose,106,mg/dL,806 Troponin-I,0.2,ng/mL,31 Troponin-I,0.15,ng/mL,412 Troponin-I,0.02,ng/mL,-279

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