

****Patient Information****

* **Unique Patient ID:** 002-12056 * **Patient Unit Stay ID:** 198629 * **Gender:** Female * **Age:** 47 * **Ethnicity:** Caucasian * **Hospital ID:** 60 * **Ward ID:** 83 * **Unit Type:** Med-Surg ICU * **Unit Admit Time:** 02:43:00 * **Unit Admit Source:** ICU to SDU * **Unit Discharge Time:** 19:34:00 * **Unit Discharge Location:** Floor * **Unit Discharge Status:** Alive * **Hospital Admit Time:** 04:24:38 * **Hospital Admit Source:** Floor * **Hospital Discharge Time:** 19:00:00 * **Hospital Discharge Location:** Skilled Nursing Facility * **Hospital Discharge Status:** Alive * **Admission Height (cm):** 167.6 * **Discharge Weight (kg):** 45.4

****Medical History****

NULL (Insufficient data provided)

****Diagnoses****

NULL (Insufficient data provided)

****Treatments****

NULL (Insufficient data provided)

****Vital Trends****

NULL (Insufficient data provided)

****Lab Trends****

The provided lab data shows several blood chemistry and hematology results obtained at different time points during the patient's ICU stay. Two distinct time points are evident: one around 522 minutes post unit admission and another around 1928 minutes post unit admission. The following trends are observed:

* **Chemistry Panel (522 minutes):** The initial chemistry panel reveals an elevated alkaline phosphatase (223 Units/L), slightly low albumin (2.2 g/dL), a normal anion gap (5 mmol/L), and a normal glucose level (156 mg/dL). Electrolyte levels show normal potassium (4.4 mmol/L), sodium (145 mmol/L), chloride (103 mmol/L), and slightly elevated calcium (8.3 mg/dL) and a BUN of 7 mg/dL. Total protein was measured at 6.5 g/dL. Total bilirubin was 0.4 mg/dL. ALT (SGPT) was 33 Units/L and AST (SGOT) was 49 Units/L, indicating some liver enzyme elevation. Magnesium was 2.1 mg/dL. *

Hematology Panel (522 minutes & 1928 minutes): The complete blood count (CBC) shows an elevated white blood cell count (WBC) at both time points (13.9 K/mcL initially and 15.5 K/mcL later), suggestive of infection or inflammation. Hemoglobin (Hgb) and hematocrit (Hct) show a decrease from the initial measurements (12.7 g/dL, 40.1% to 11.2 g/dL, 35.3% respectively). Platelets are also lower at the second timepoint (303 K/mcL initially and 355 K/mcL later). Mean corpuscular volume (MCV) is slightly low (94.4 fL at both timepoints), and mean corpuscular hemoglobin concentration (MCHC) is within normal limits (31.7 g/dL at both time points). Mean corpuscular hemoglobin (MCH) was 29.9 pg at both time points. The differential shows a slight increase in monocytes (8% at the later time point) and an increase in polymorphonuclear leukocytes (86% at the later time point). * **Arterial Blood Gas (ABG) (302 minutes):** The ABG shows a normal pH (7.42), elevated PaCO₂ (69 mm Hg), and elevated HCO₃ (44 mmol/L), indicating a compensated respiratory alkalosis. The PaO₂ was 73 mm Hg, and the base excess was 20 mEq/L.

The changes in Hematology values between the two time points suggest a possible worsening of the patient's condition, requiring further investigation and correlation with other clinical data.

****Microbiology Tests****

NULL (Insufficient data provided)

****Physical Examination Results****

NULL (Insufficient data provided)