

## **\*\*Patient Information\*\***

Patient Unit Stay ID: 155961 Unique Patient ID: 002-10122 Gender: Female Age: 57 Ethnicity: Caucasian Hospital Admission Time: 2014-XX-XX 17:40:00 Hospital Discharge Time: 2014-XX-XX 18:38:00 Hospital Admission Source: Operating Room Hospital Discharge Location: Home Hospital Discharge Status: Alive Unit Type: Med-Surg ICU Unit Admission Time: 2014-XX-XX 17:48:00 Unit Admission Source: Operating Room Unit Discharge Time: 2014-XX-XX 18:39:00 Unit Discharge Location: Floor Unit Discharge Status: Alive Admission Weight: 120.1 kg Discharge Weight: 123.4 kg Admission Height: 157.5 cm APACHE Admission Diagnosis: Knee replacement, total (non-traumatic)

## **\*\*Medical History\*\***

NULL (Insufficient data provided)

## **\*\*Diagnoses\*\***

Diagnosis 1 (Primary): Acute Respiratory Failure (518.81, J96.00) Diagnosis 2 (Major): Obstructive Sleep Apnea (780.57, G47.33) Diagnosis 3 (Other): Hypertension (401.9, I10) Diagnosis 4 (Major): Post-operative Knee Replacement Surgery

## **\*\*Treatments\*\***

NULL (Insufficient data provided)

## **\*\*Vital Trends\*\***

NULL (Insufficient data provided. Vital signs data would need to be included in the input JSON.)

## **\*\*Lab Trends\*\***

The provided lab data shows results from multiple time points, including admission and several subsequent tests. The following labs were measured:

\* Hematology: \* MCHC (Mean Corpuscular Hemoglobin Concentration): 31.6 g/dL (at 1007 minutes post-admission) \* Platelets: 180 K/mcL (at 1007 minutes post-admission) \* -Polys (Polymorphonuclear Leukocytes): 80% (at 1007 minutes post-admission) \* -Monos (Monocytes): 7% (at 1007 minutes post-admission) \* -Basos (Basophils): 0% (at 1007 minutes post-admission) \* MCH (Mean Corpuscular Hemoglobin): 30.4 pg (at 1007 minutes post-admission) \* -Lymphs (Lymphocytes): 13% (at 1007 minutes post-admission) \* MCV (Mean Corpuscular Volume): 96.4 fL (at 1007 minutes post-admission) \* Hct (Hematocrit): 34.5% (at 1007 minutes post-admission), 34.6% (at 3882 minutes post-admission), 36.8% (at 2417 minutes post-admission) \* Hgb (Hemoglobin): 10.9 g/dL (at 1007 minutes post-admission), 11.0 g/dL (at 3882 minutes post-admission), 11.2 g/dL (at 2417 minutes post-admission) \* WBC (White Blood Cell count): 12 K/mcL (at 1007 minutes post-admission) \* RDW (Red Cell Distribution Width): 14.2% (at 1007 minutes post-admission) \* PT (Prothrombin Time): 14.1 sec (at 3882 minutes post-admission), 11.8 sec (at 2417 minutes post-admission), 11.4 sec (at 1007 minutes post-admission) \* PT-INR (Prothrombin Time - International Normalized Ratio): 1.3 ratio (at 3882 minutes post-admission), 1.1 ratio (at 2417 minutes post-admission), 1.1 ratio (at 1007 minutes post-admission) \* Chemistry: \* AST (Aspartate Aminotransferase): 31 Units/L (at 1007 minutes post-admission) \* Anion Gap: 12 mmol/L (at 1007 minutes post-admission) \* Alkaline Phosphatase: 52 Units/L (at 1007 minutes post-admission) \* Sodium: 141 mmol/L (at 1007 minutes post-admission) \* Creatinine: 0.8 mg/dL (at 1007 minutes post-admission) \* Potassium: 3.6 mmol/L (at 1007 minutes post-admission), 3.6 mmol/L (at -199 minutes pre-admission) \* Calcium: 7.8 mg/dL (at 1007 minutes post-admission) \* Chloride: 105 mmol/L (at 1007 minutes post-admission) \* BUN (Blood Urea Nitrogen): 20 mg/dL (at 1007 minutes post-admission) \* Albumin: 2.9 g/dL (at 1007 minutes post-admission) \* Total Protein: 6.1 g/dL (at 1007 minutes post-admission) \* Total Bilirubin: 0.3 mg/dL (at 1007 minutes post-admission) \* Glucose: 117 mg/dL (at 1007 minutes post-admission) \* Bicarbonate: 28 mmol/L (at 1007 minutes post-admission) \* -eos (Eosinophils): 0% (at 1007 minutes post-admission)

Note that several lab tests were repeated at different time points. This allows for tracking of changes in the patient's condition.

**\*\*Microbiology Tests\*\***

NULL (Insufficient data provided.)

**\*\*Physical Examination Results\*\***

Admission weight: 120.1 kg Current weight: 120.1 kg Weight change (delta): 0 kg GCS (Glasgow Coma Scale): 15 (Eyes: 4, Verbal: 5, Motor: 6) Physical Exam Performed: Yes (Structured)