

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

Patient Unit Stay ID: 436993 Unique Patient ID: 005-10033 Gender: Male Age: 79 years Ethnicity: Hispanic Hospital ID: 143 Ward ID: 259 Admission Height: 180.3 cm Admission Weight: 84.1 kg Unit Type: Med-Surg ICU Unit Admit Source: Operating Room Unit Admit Time: 21:40:00 Unit Discharge Time: 18:50:00 Unit Discharge Location: Floor Unit Discharge Status: Alive Hospital Admit Source: Operating Room Hospital Admit Time: 17:36:00 Hospital Discharge Year: 2014 Hospital Discharge Time: 18:30:00 Hospital Discharge Location: Home Hospital Discharge Status: Alive Admission Diagnosis: Hip replacement, total (non-traumatic)

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

NULL (Insufficient data provided)

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

Diagnosis 1 (Primary): Burns/Trauma, Trauma - Skeletal, Bone fracture(s), Left lower extremity (ICD-9 code: ) Diagnosis 2 (Major): Pulmonary, Respiratory failure, Acute respiratory failure, Drug related, Residual general anesthesia (ICD-9 code: 518.5, J96.00)

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

Treatment 1: Burns/Trauma, Consultations, Orthopedics consultation Treatment 2: Pulmonary, Ventilation and oxygenation, Oxygen therapy (40% to 60%) Treatment 3: Pulmonary, Ventilation and oxygenation, CPAP/PEEP therapy Treatment 4: Pulmonary, Ventilation and oxygenation, Mechanical ventilation Treatment 5: Pulmonary, Consultations, Pulmonary/CCM consultation Treatment 6: Surgery, Consultations, Orthopedics consultation Treatment 7: Pulmonary, Ventilation and oxygenation, Tracheal suctioning

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

The available data includes the following vital signs recorded during the physical exam at 27 and 24 minutes post unit admission:

\* \*\*Heart Rate (HR):\*\* Current: 82 bpm, Lowest: 80 bpm, Highest: 84 bpm. \* \*\*Blood Pressure (BP):\*\* Systolic - Current: 139 mmHg, Lowest: 83 mmHg, Highest: 139 mmHg; Diastolic - Current: 86 mmHg, Lowest: 52 mmHg, Highest: 86 mmHg. \* \*\*Respiratory Rate:\*\* Current: 18 breaths/min, Lowest: 18 breaths/min, Highest: 18 breaths/min. \* \*\*Oxygen Saturation (O2 Sat):\*\* Current: 100%, Lowest: 100%, Highest: 100% \* \*\*FiO2:\*\* 100% \* \*\*PEEP:\*\* 5 cm H2O \* \*\*Vent Rate:\*\* 18 breaths/min \* \*\*Weight:\*\* Admission: 84.1 kg \* \*\*Other observations:\*\* Irregular heart rhythm, Ventilated, Ill-appearing, Cachectic, In acute distress.

Additional vital sign data would be needed to create comprehensive vital trends over time.

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

The provided lab data includes multiple blood tests (hemo, chemistry), and ABG values at several time points. The data shows some variability in values across time points, indicating a need for further analysis to identify significant trends. More data points are needed for a complete analysis of lab trends. The available data includes:

\*Hematology: \* Hemoglobin (Hgb): Varied from 8.5 g/dL to 12.2 g/dL across multiple timepoints. \* Hematocrit (Hct): Varied from 26.7% to 37.1% across multiple timepoints. \* Platelets: Varied from 169 K/mcL to 264 K/mcL across multiple timepoints. \* Mean Corpuscular Volume (MCV): Varied from 93 fL to 101 fL across multiple timepoints. \* Mean Corpuscular Hemoglobin (MCH): Varied from 30 pg to 33 pg across multiple timepoints. \* Mean Corpuscular Hemoglobin Concentration (MCHC): Varied from 32 g/dL to 34 g/dL across multiple timepoints. \* Red cell distribution width (RDW): Varied from 14.2% to 15.9% across multiple timepoints. \* White blood cell count (WBC): Varied from 5.8 K/mcL to 9.7

K/mcL across multiple timepoints. \* Lymphocytes: Varied from 5% to 16% across multiple timepoints. \* Monocytes: Varied from 5% to 13% across multiple timepoints. \* Eosinophils: Varied from 0% to 5% across multiple timepoints. \* Basophils: 0% \* Polymorphonuclear leukocytes (Polys): Varied from 65% to 90% across multiple timepoints.

\*Chemistry: \* Blood Urea Nitrogen (BUN): Varied from 17 mg/dL to 116 mg/dL across multiple timepoints. \* Creatinine: Varied from 1.1 mg/dL to 4.2 mg/dL across multiple timepoints. \* Glucose: Varied from 76 mg/dL to 266 mg/dL across multiple timepoints. \* Sodium: Varied from 138 mmol/L to 147 mmol/L across multiple timepoints. \* Potassium: Varied from 3.6 mmol/L to 5.3 mmol/L across multiple timepoints. \* Chloride: Varied from 105 mmol/L to 111 mmol/L across multiple timepoints. \* Bicarbonate: Varied from 20 mmol/L to 25 mmol/L across multiple timepoints. \* Anion gap: Varied from 9 to 15 across multiple timepoints. \* Total protein: Varied from 1.8 g/dL to 5.3 g/dL across multiple timepoints. \* Albumin: Varied from 1.8 g/dL to 2.7 g/dL across multiple timepoints. \* Alkaline phosphatase: Varied from 77 IU/L to 261 IU/L across multiple timepoints. \* AST (SGOT): Varied from 18 IU/L to 29 IU/L across multiple timepoints. \* ALT (SGPT): Varied from 22 IU/L to 27 IU/L across multiple timepoints. \* Total Bilirubin: Varied from 0.2 mg/dL to 1.0 mg/dL across multiple timepoints. \* Prealbumin: 14.1 mg/dL \* Magnesium: 1.5 mg/dL and 1.9 mg/dL \* Uric acid: 5.4 mg/dL and 10.6 mg/dL \* WBC's in urine: 11/HPF \* Urinary specific gravity: 1.021 \* Ferritin: 152 ng/mL \* Troponin-I: 0.07 ng/mL \* PT: 15.9 sec and 18.6 sec \* PTT: 37.6 sec \* PT-INR: 1.2 and 1.5 ratios

\*Arterial Blood Gas (ABG): \* pH: Varied from 7.324 to 7.531 across multiple timepoints. \* PaO2: Varied from 76.5 mmHg to 236.2 mmHg across multiple timepoints. \* PaCO2: Varied from 28.5 mmHg to 41.4 mmHg across multiple timepoints. \* O2 Content: Varied from 13.2 mls/dL to 16.6 mls/dL across multiple timepoints. \* Carboxyhemoglobin: Varied from 0.1% to 0.8% across multiple timepoints. \* Base Excess: Varied from -6 mEq/L to 1.9 mEq/L across multiple timepoints.

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

NULL (Insufficient data provided)

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

A structured physical exam was performed. Specific findings include:

\* Heart rate (HR): 82 bpm (current), 80 bpm (lowest), 84 bpm (highest) \* Blood pressure (BP): 139/86 mmHg (current); systolic range 83-139 mmHg, diastolic range 52-86 mmHg \* Respiratory rate: 18 breaths/min (current, lowest, highest) \* Oxygen saturation (O2 Sat): 100% (current, lowest, highest) \* FiO2: 100% \* PEEP: 5 cm H2O \* Vent rate: 18 breaths/min \* Weight: 84.1 kg (admission) \* Other observations: Irregular heart rhythm, Ventilated, Ill-appearing, Cachectic, In acute distress, GCS: estimated due to meds (Eyes:3, Verbal:4, Motor:5), Sedated