

****Medical Report: Patient 006-100852****

****1. Patient Information****

****Patient Unit Stay ID:** 564486** ****Unique Patient ID:** 006-100852** ****Gender:** Male** ****Age:** 42** ****Ethnicity:** Caucasian** ****Hospital ID:** 171** ****Ward ID:** 377** ****Unit Type:** Med-Surg ICU** ****Unit Admit Time:** 09:49:00** ****Unit Admit Source:** Emergency Department** ****Unit Discharge Time:** 17:20:00** ****Unit Discharge Location:** Step-Down Unit (SDU)** ****Unit Discharge Status:** Alive** ****Hospital Admit Time:** 07:48:00** ****Hospital Admit Source:** Emergency Department** ****Hospital Discharge Year:** 2015** ****Hospital Discharge Time:** 22:13:00** ****Hospital Discharge Location:** Home** ****Hospital Discharge Status:** Alive** ****Admission Weight:** 92 kg** ****Discharge Weight:** 91 kg** ****Admission Height:** 180 cm** ****APACHE Admission Dx:** Sepsis, other**

****2. History****

NULL (Insufficient information provided in the JSON data to generate a detailed patient history.)

****3. Diagnoses****

The patient presented with multiple diagnoses, entered at various times during their ICU stay:

****Primary Diagnosis (Time of Entry: 45 minutes post-unit admit):** Renal Electrolyte Imbalance, Hyperkalemia, Severe (> 6.1 meq/dl) (ICD-9 Codes: 276.7, E87.5)** ****Major Diagnosis (Time of Entry: 45 minutes post-unit admit):** Pulmonary Respiratory Failure, Acute Respiratory Failure due to inability to clear secretions (ICD-9 Codes: 518.81, J96.00)** ****Major Diagnosis (Time of Entry: 45 minutes post-unit admit):** Renal Disorder of Kidney, ESRD (End Stage Renal Disease) (ICD-9 Codes: 585.6, N18.6)** ****Major Diagnosis (Time of Entry: 180 minutes post-unit admit):** Renal Disorder of Kidney, ESRD (End Stage Renal Disease) (ICD-9 Codes: 585.6, N18.6)** ****Major Diagnosis (Time of Entry: 180 minutes post-unit admit):** Pulmonary Respiratory Failure, Acute Respiratory Failure due to inability to clear secretions (ICD-9 Codes: 518.81, J96.00)** ****Major Diagnosis (Time of Entry: 862 minutes post-unit admit):** Renal Disorder of Kidney, ESRD (End Stage Renal Disease) (ICD-9 Codes: 585.6, N18.6)** ****Major Diagnosis (Time of Entry: 862 minutes post-unit admit):** Pulmonary Respiratory Failure, Acute Respiratory Failure due to inability to clear secretions (ICD-9 Codes: 518.81, J96.00)** ****Other Diagnosis (Time of Entry: 45 minutes post-unit admit):** Renal Disorder of Kidney, Acute Renal Failure (ICD-9 Codes: 584.9, N17.9)** ****Other Diagnosis (Time of Entry: 180 minutes post-unit admit):** Renal Disorder of Kidney, Acute Renal Failure (ICD-9 Codes: 584.9, N17.9)** ****Other Diagnosis (Time of Entry: 862 minutes post-unit admit):** Renal Disorder of Kidney, Acute Renal Failure (ICD-9 Codes: 584.9, N17.9)** ****Other Diagnosis (Time of Entry: 45 minutes post-unit admit):** Toxicology, Drug Overdose, Narcotic Overdose (ICD-9 Codes: E980.2, 965.00, T40.60)** ****Other Diagnosis (Time of Entry: 180 minutes post-unit admit):** Toxicology, Drug Overdose, Narcotic Overdose (ICD-9 Codes: E980.2, 965.00, T40.60)** ****Other Diagnosis (Time of Entry: 862 minutes post-unit admit):** Toxicology, Drug Overdose, Narcotic Overdose (ICD-9 Codes: E980.2, 965.00, T40.60)** ****Primary Diagnosis (Time of Entry: 180 minutes post-unit admit):** Renal Electrolyte Imbalance, Hyperkalemia, Severe (> 6.1 meq/dl) (ICD-9 Codes: 276.7, E87.5)** ****Primary Diagnosis (Time of Entry: 862 minutes post-unit admit):** Renal Electrolyte Imbalance, Hyperkalemia, Severe (> 6.1 meq/dl) (ICD-9 Codes: 276.7, E87.5)**

Note: Multiple entries for the same diagnosis likely reflect ongoing monitoring and reassessment. The `activeupondischarge` flag is consistently 'False' for all diagnoses.

****4. Treatments****

The patient received the following treatments:

****Mechanical Ventilation:** (Started at 45 minutes and 180 minutes post-unit admit)** ****Hemodialysis (Emergent):** (Started at 180 minutes and 862 minutes post-unit admit)** ****Hemodialysis (for Chronic Renal Failure):** (Started at 180 minutes and 862 minutes post-unit admit)**

The `activeupondischarge` flag is consistently 'False' for all treatments, indicating that all treatments were discontinued before the patient's unit discharge.

****5. Vital Trends****

Based on the physical exam, the following vital signs were recorded at 25 minutes post-unit admit:

* **Heart Rate (Current, Lowest, Highest):** 89 bpm * **Blood Pressure (Systolic - Current, Lowest, Highest):** 79 mmHg *
Blood Pressure (Diastolic - Current, Lowest, Highest): 56 mmHg * **Respiratory Rate (Current, Lowest, Highest):** 14
breaths/min * **Oxygen Saturation (Current, Lowest, Highest):** 100% * **FiO2:** 45% * **PEEP:** 5 cm H2O *
Ventilator Rate: 16 breaths/min * **Weight (Admission):** 92 kg * **Weight (Current):** 91 kg * **Weight (Delta):** -1 kg
* **I&O; (Intake Total):** 20 ml * **I&O; (Output Total):** 175 ml * **I&O; (Dialysis Net):** 0 ml * **I&O; (Total Net):** -155
ml * **Glasgow Coma Scale (GCS) - Total Score:** 15 (Eyes: 4, Verbal: 5, Motor: 6)

****6. Lab Trends****

The provided lab data includes multiple lab results at different time points. A detailed analysis requires a time-series visualization (see section 2).

****7. Microbiology Tests****

NULL (No microbiology test data was provided in the JSON.)

****8. Physical Examination Results****

A structured physical exam was performed at 25 minutes post-unit admit. Detailed results are listed in the Vital Trends section above.