

****Medical Report: Patient 004-12627****

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

* **Patient Unit Stay ID:** 371003 * **Unique Patient ID:** 004-12627 * **Gender:** Male * **Age:** 40 * **Ethnicity:** Caucasian * **Hospital Admission Time:** 2015, 14:45:00 * **Hospital Admission Source:** Emergency Department * **Hospital Discharge Time:** 2015, 18:15:00 * **Hospital Discharge Location:** Home * **Hospital Discharge Status:** Alive * **Unit Type:** Med-Surg ICU * **Unit Admission Time:** 2015, 21:36:00 * **Unit Admission Source:** Emergency Department * **Unit Discharge Time:** 2015, 18:15:00 * **Unit Discharge Location:** Home * **Unit Discharge Status:** Alive * **Admission Weight:** 97.5 kg * **Admission Height:** 195.5 cm

****2. History****

NULL (Insufficient information provided in the JSON data to reconstruct a detailed patient history. The provided data focuses on diagnoses, treatments, and lab results, lacking contextual narrative about the patient's presenting symptoms, prior medical conditions, family history, or social history.)

****3. Diagnoses****

The patient presented with multiple diagnoses during their ICU stay. These were recorded at various times relative to unit admission. The diagnoses included:

* **Primary Diagnoses:** * Renal disorder of acid-base balance: Metabolic acidosis (ICD-9: 276.2, E87.2) - Active upon discharge. * Renal disorder of acid-base balance: Metabolic acidosis (ICD-9: 276.2, E87.2) - Not active upon discharge. * **Major Diagnoses:** * Cardiovascular ventricular disorders: Hypertension (ICD-9: 401.9, I10) - Active and not active upon discharge. * Endocrine glucose metabolism: DKA (ICD-9: 250.13, E10.1) - Active and not active upon discharge. * Hematology white blood cell disorders: Leukocytosis (ICD-9: 288.8, D72.829) - Active and not active upon discharge. * Endocrine glucose metabolism: Diabetes Mellitus - Active and not active upon discharge. * Gastrointestinal abdominal/general: Nausea with vomiting (ICD-9: 787.01, R11.2) - Active and not active upon discharge. * Renal electrolyte imbalance: Hyperkalemia, severe (> 6.1 meq/dL) (ICD-9: 276.7, E87.5) - Active and not active upon discharge.

Note: Multiple entries for the same diagnosis may represent different instances or reassessments over time.

****4. Treatments****

The patient received a range of treatments during their ICU stay. These included:

* **Fluid Management:** Normal saline boluses. * **Glucose Management:** Insulin (continuous infusion, sliding scale, subcutaneous longer-acting insulin). * **Nausea and Vomiting Management:** Antiemetics (Promethazine, Ondansetron). * **Electrolyte Management:** Potassium supplementation. * **VTE Prophylaxis:** Compression stockings. * **Central Venous Catheter Placement:** A central venous catheter was placed. * **Nutritional Support:** Oral feeds (at discharge).

Treatment activity varied throughout the stay, with some treatments active upon discharge. Specific dosages and administration details are not provided.

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

NULL (No vital sign data was included in the JSON.)

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

The following laboratory results were recorded at approximately 24 minutes post-unit admission:

* **Glucose:** 467 mg/dL * **Potassium:** 6.9 mEq/L * **Creatinine:** 1.3 mg/dL * **Chloride:** 100 mEq/L * **Anion Gap:** 26.9 * **BUN:** 31 mg/dL * **Sodium:** 132 mEq/L * **Bicarbonate:** 12 mEq/L * **Total Bilirubin:** 0.7 mg/dL * **Albumin:** 4 g/dL * **ALT (SGPT):** 26 IU/L * **AST (SGOT):** 31 IU/L * **Hemoglobin (Hgb):** 16.0 g/dL * **Hematocrit (Hct):** 49.5 % * **White Blood Cell Count (WBC):** 18.9 K/mcL * **Platelets:** 377 K/mcL * **RBC:** 4.86 M/mcL * **Arterial Blood Gas (ABG):** pH: 7.15 * paCO2: 33 mm Hg * paO2: 41 mm Hg * FiO2: 21% (obtained at approximately 54 minutes post-unit admission)

Additional lab results over time are required for a comprehensive trend analysis.

7. Microbiology Tests

NULL (No microbiology test results were included in the JSON.)

8. Physical Examination Results

The physical examination was performed and documented. The Glasgow Coma Scale (GCS) at admission was recorded as 15 (Eyes: 4, Verbal: 5, Motor: 6) and the Admission Weight was 97.5 kg.