

****Medical Report: Patient 006-100497****

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

* **Patient Unit Stay ID:** 958499 * **Unique Patient ID:** 006-100497 * **Gender:** Male * **Age:** 28 * **Ethnicity:** Caucasian * **Hospital Admission Time:** 2014, 21:28:00 * **Hospital Discharge Time:** 2014, 17:31:00 * **Unit Admission Time:** 09:40:00 * **Unit Discharge Time:** 16:13:00 * **Unit Type:** Med-Surg ICU * **Admission Weight:** 54.1 kg * **Discharge Weight:** 54.1 kg * **Admission Height:** 177 cm * **Hospital Admission Source:** NULL * **Hospital Discharge Location:** Home * **Hospital Discharge Status:** Alive * **Unit Admission Source:** Emergency Department * **Unit Discharge Location:** Step-Down Unit (SDU) * **Unit Discharge Status:** Alive

****2. History****

Insufficient data provided to generate a detailed patient history. The provided data only includes admission and discharge times and locations, along with diagnoses and lab results. A comprehensive history would require additional information such as presenting symptoms, family history, past medical history, social history, and medication history. This section is therefore left as NULL.

****3. Diagnoses****

* **Primary Diagnosis 1:** Diabetic Ketoacidosis (DKA) (ICD-9 codes: 250.13, E10.1) * Entered 9 minutes after unit admission. * Not active upon discharge. * **Primary Diagnosis 2:** Severe Sepsis (ICD-9 codes: 995.92, R65.2) * Entered 39 minutes after unit admission. * Active upon discharge. * **Major Diagnosis:** Diabetic Ketoacidosis (DKA) (ICD-9 codes: 250.13, E10.1) * Entered 39 minutes after unit admission. * Active upon discharge.

The patient presented with multiple primary diagnoses, suggesting a complex clinical picture requiring urgent and multifaceted interventions. The persistence of sepsis and DKA upon discharge highlights the significance of these conditions and the need for continued management.

****4. Treatments****

* **Aggressive Volume Resuscitation:** Administration of normal saline intravenously at a rate exceeding 250 mls/hr. * Initiated 39 minutes after unit admission. * Active upon discharge. * **Aggressive Volume Resuscitation:** Administration of normal saline intravenously at a rate exceeding 250 mls/hr. * Initiated 9 minutes after unit admission. * Not active upon discharge.

The aggressive volume resuscitation treatment underscores the severity of the patient's septic shock. The continuation of this treatment post-discharge indicates the ongoing need for fluid management.

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

The following vital signs were recorded at 30 minutes post unit admission: * **Heart Rate (HR):** 112 bpm * **Blood Pressure (BP) Systolic:** 126 mmHg * **Blood Pressure (BP) Diastolic:** 72 mmHg * **Respiratory Rate:** 22 breaths/min * **Oxygen Saturation (O2 Sat):** 96%

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

The following lab results were recorded at approximately 95 minutes post unit admission, with additional results available from earlier time points. Detailed time series analysis would require more granular data. * **Glucose:** 218 mg/dL * **Anion Gap:** 11 * **Creatinine:** 1.3 mg/dL * **Bicarbonate:** 14 mmol/L * **Potassium:** 4.4 mmol/L * **Chloride:** 112 mmol/L * **BUN:** 25 mg/dL * **Calcium:** 7.3 mg/dL * **MPV:** 9.8 fL * **RBC:** 4.59 M/mcL * **Hgb:** 15.3 g/dL * **Hct:** 41.2 % * **RDW:** 12.8 % * **MCH:** 33.3 pg * **Platelets x 1000:** 272 K/mcL * **PT:** 14.1 sec * **PT-INR:** 1.1 ratio * **MCHC:** 37 g/dL * **WBC x 1000:** 13.8 K/mcL * **Bedside glucose (multiple time points):** Values ranging

from 94 to >600 mg/dL. * **Lactate (multiple time points):** Values ranging from 2.8 to 6.8 mmol/L. * **Phosphate:** 7.5 mg/dL (prior to admission) * **Magnesium:** 1.8 mg/dL (prior to admission) * **CPK:** 271 Units/L (prior to admission) * **CPK-MB:** 4.5 ng/mL (prior to admission) * **CPK-MB INDEX:** 1.7 % (prior to admission)

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

NULL. No microbiology test data is provided.

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

A structured physical exam was performed at 30 minutes and 4 minutes post unit admission. The Glasgow Coma Scale (GCS) was scored; specific values were not documented. Weight was 54.1 kg at admission and remained unchanged during the ICU stay. Intake was 250 ml and output was 1415 ml, resulting in a net negative fluid balance of -1165 ml. Additional physical exam data is not available.