

## **\*\*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 ID:\*\* 146 \* \*\*Ward ID:\*\* 374 \* \*\*Unit Type:\*\* Med-Surg ICU \* \*\*Unit Admit Time:\*\* 09:40:00 \* \*\*Unit Admit Source:\*\* Emergency Department \* \*\*Unit Discharge Time:\*\* 16:13:00 \* \*\*Unit Discharge Location:\*\* Step-Down Unit (SDU) \* \*\*Unit Discharge Status:\*\* Alive \* \*\*Hospital Admit Time:\*\* 21:28:00 \* \*\*Hospital Admit Offset (minutes from unit admit):\*\* -732 \* \*\*Hospital Discharge Time:\*\* 17:31:00 \* \*\*Hospital Discharge Offset (minutes from unit admit):\*\* 4791 \* \*\*Hospital Discharge Location:\*\* Home \* \*\*Hospital Discharge Status:\*\* Alive \* \*\*Admission Weight (kg):\*\* 54.1 \* \*\*Discharge Weight (kg):\*\* 54.1 \* \*\*Admission Height (cm):\*\* 177 \* \*\*APACHE Admission Dx:\*\* Sepsis, cutaneous/soft tissue

### **\*\*2. History\*\***

NULL (Insufficient information provided to generate a detailed patient history.)

### **\*\*3. Diagnoses\*\***

\* \*\*Diagnosis 1 (Primary, entered at 9 minutes post-unit admission):\*\* Diabetic Ketoacidosis (DKA) (ICD-9 codes: 250.13, E10.1). Active upon discharge: False. \* \*\*Diagnosis 2 (Primary, entered at 39 minutes post-unit admission):\*\* Severe Sepsis (ICD-9 codes: 995.92, R65.2). Active upon discharge: True. \* \*\*Diagnosis 3 (Major, entered at 39 minutes post-unit admission):\*\* Diabetic Ketoacidosis (DKA) (ICD-9 codes: 250.13, E10.1). Active upon discharge: True.

### **\*\*4. Treatments\*\***

\* \*\*Treatment 1 (Active upon discharge):\*\* Aggressive volume resuscitation (>250 mls/hr) with normal saline. Started 39 minutes post-unit admission. \* \*\*Treatment 2:\*\* Aggressive volume resuscitation (>250 mls/hr) with normal saline. Started 9 minutes post-unit admission. Active upon discharge: False.

### **\*\*5. Vital Trends\*\***

\* \*\*Heart Rate (HR):\*\* Current, lowest, and highest readings at 30 minutes post-unit admission were all 112 bpm. \* \*\*Blood Pressure (BP):\*\* Systolic BP (current, lowest, and highest) at 30 minutes post-unit admission was 126 mmHg. Diastolic BP (current, lowest, and highest) at 30 minutes post-unit admission was 72 mmHg. \* \*\*Respiratory Rate (RR):\*\* Current, lowest, and highest readings at 30 minutes post-unit admission were all 22 breaths/minute. \* \*\*Oxygen Saturation (O2 Sat):\*\* Current, lowest, and highest readings at 30 minutes post-unit admission were all 96%.

### **\*\*6. Lab Trends\*\***

The provided lab data includes multiple blood tests performed at various times before and during the patient's ICU stay. Detailed trends require time-series analysis (see visualizations and CSV data). Key labs include glucose, anion gap, creatinine, bicarbonate, potassium, chloride, BUN, calcium, complete blood count (CBC) components (Hgb, Hct, RBC, WBC, MCV, MCH, MCHC, MPV, RDW, platelets), lactate, CPK, CPK-MB, CPK-MB index, and lipase. Note that some bedside glucose results are reported as '>600 mg/dL', indicating values exceeding the measurement range. The lab data shows fluctuating levels of glucose, reflecting the DKA diagnosis. Electrolyte imbalances are also evident, particularly with respect to bicarbonate, which may be indicative of metabolic acidosis. Kidney function (creatinine, BUN) appears to be mildly impaired, based on the recorded values. The CBC shows signs of dehydration (increased Hct, Hgb, RBC) and possible inflammation (elevated WBC). Lactate levels point towards tissue hypoxia. The presence of elevated CPK suggests potential muscle damage. Further analysis is needed for a comprehensive interpretation of the lab trends. (See CSV data and visualizations for a more detailed view.)

### **\*\*7. Microbiology Tests\*\***

NULL (No microbiology test data provided.)

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

The physical exam was performed (noted as 'Performed - Structured'), and a Glasgow Coma Scale (GCS) score was recorded as 9 (Eyes: 1, Verbal: 3, Motor: 5) at 4 minutes post-unit admission. Weight at admission and during the stay was 54.1 kg. Fluid balance shows a net negative balance of -1165 ml at 30 minutes and -870 ml at 4 minutes post-unit admission. Initial vital signs recorded at 30 minutes post-unit admission included HR 112 bpm, systolic BP 126 mmHg, diastolic BP 72 mmHg, RR 22 breaths/min, and O2 Sat 96%.