

**\*\*Medical Report: Patient 006-100677\*\***

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

\* \*\*Patient Unit Stay ID:\*\* 638579 \* \*\*Patient Health System Stay ID:\*\* 513632 \* \*\*Unique Patient ID:\*\* 006-100677 \*  
\*\*Gender:\*\* Male \* \*\*Age:\*\* 57 years \* \*\*Ethnicity:\*\* Caucasian \* \*\*Hospital ID:\*\* 152 \* \*\*Ward ID:\*\* 404 \* \*\*Unit Type:\*\*  
CSICU \* \*\*Unit Admit Time:\*\* 2014-XX-XX 18:44:00 (Exact date missing from data) \* \*\*Unit Admit Source:\*\* Operating  
Room \* \*\*Unit Discharge Time:\*\* 2014-XX-XX 19:05:00 (Exact date missing from data) \* \*\*Unit Discharge Location:\*\*  
Step-Down Unit (SDU) \* \*\*Unit Discharge Status:\*\* Alive \* \*\*Hospital Admit Time:\*\* 2014-XX-XX (Exact date and time  
missing from data, offset suggests approximately 72 hours before unit admit) \* \*\*Hospital Admit Source:\*\* Operating Room  
\* \*\*Hospital Discharge Time:\*\* 2014-XX-XX 23:40:00 (Exact date missing from data, offset suggests approximately 10  
hours after unit discharge) \* \*\*Hospital Discharge Location:\*\* Home \* \*\*Hospital Discharge Status:\*\* Alive \* \*\*Admission  
Weight:\*\* 101.6 kg \* \*\*Discharge Weight:\*\* 103.4 kg \* \*\*Admission Height:\*\* 185 cm \* \*\*APACHE Admission Diagnosis:\*\*  
Mitral valve replacement

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

NULL (Insufficient data provided to elaborate on patient history.)

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

\* \*\*Diagnosis ID 12489991 (Primary, Active upon Discharge):\*\* cardiovascular|cardiac surgery|valve replacement <  
7days|mitral \* \*\*Diagnosis ID 10758367 (Primary, Not Active upon Discharge):\*\* cardiovascular|cardiac surgery|valve  
replacement < 7days|mitral \* \*\*Diagnosis ID 10758548 (Primary, Not Active upon Discharge):\*\* cardiovascular|cardiac  
surgery|valve replacement < 7days|mitral

**\*\*Note:\*\*** The provided data shows the same primary diagnosis entered at three different times. Further information is  
needed to understand the reason for multiple entries. No ICD-9 codes are available.

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

\* \*\*Treatment ID 27570969 (Active upon Discharge):\*\* cardiovascular|ventricular dysfunction|vasodilator|nitroprusside \*  
\*\*Treatment ID 27194707 (Not Active upon Discharge):\*\* cardiovascular|ventricular dysfunction|inotropic  
agent|epinephrine <= 0.1 micrograms/kg/min \* \*\*Treatment ID 24399284 (Active upon Discharge):\*\*  
cardiovascular|ventricular dysfunction|inotropic agent|epinephrine <= 0.1 micrograms/kg/min \* \*\*Treatment ID 24805203  
(Not Active upon Discharge):\*\* cardiovascular|shock|vasopressors|phenylephrine (Neosynephrine) \* \*\*Treatment ID  
25531407 (Not Active upon Discharge):\*\* pulmonary|ventilation and oxygenation|mechanical ventilation \* \*\*Treatment ID  
27578531 (Not Active upon Discharge):\*\* cardiovascular|ventricular dysfunction|inotropic agent|epinephrine <= 0.1  
micrograms/kg/min \* \*\*Treatment ID 27563601 (Not Active upon Discharge):\*\* cardiovascular|ventricular  
dysfunction|vasodilator|nitroprusside

**\*\*Note:\*\*** Similar to diagnoses, multiple entries exist for some treatments. More context is required for proper  
interpretation.

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

NULL (No vital sign data is provided.)

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

The lab data includes multiple blood tests performed at various times. Key lab values include:

\* \*\*Sodium (mmol/L):\*\* Fluctuated between 131 mmol/L and 142 mmol/L during the stay. \* \*\*Potassium (mmol/L):\*\* Showed a slight increase from 3.6 mmol/L to 4.4 mmol/L. \* \*\*Creatinine (mg/dL):\*\* ranged from 0.96 mg/dL to 1.2 mg/dL. \* \*\*Blood Glucose (mg/dL):\*\* varied widely, from 88 mg/dL to 241 mg/dL. Multiple measurements were taken at the bedside. \* \*\*Hemoglobin (g/dL):\*\* Varied between 9.5 g/dL and 16.4 g/dL. \* \*\*Hematocrit (%):\*\* Fluctuated between 28% and 47.1%. \* \*\*Blood Gas Analysis (ABG):\*\* pH, pO<sub>2</sub>, pCO<sub>2</sub>, HCO<sub>3</sub>, Base Excess, and O<sub>2</sub> Sat (%) values are available but require further analysis to determine trends. FiO<sub>2</sub> also recorded.

\*\*Note:\*\* The timing of lab draws is available via `labresultoffset` and needs to be plotted against the lab values to reveal trends. Multiple measurements exist for several analytes, suggesting serial monitoring.

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

NULL (No microbiology test data is provided.)

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

A structured physical exam was performed. The recorded values include:

\* \*\*Heart Rate (HR):\*\* 81 bpm (Current, Highest, and Lowest values are identical; likely an error in data recording) \*  
\*\*Blood Pressure (BP):\*\* 93/51 mmHg (Current, Highest, and Lowest values are identical; likely an error in data recording)  
\* \*\*Respiratory Rate:\*\* 14 breaths/minute (Current, Highest, and Lowest values are identical; likely an error in data recording) \*  
\*\*Oxygen Saturation (O<sub>2</sub> Sat%):\*\* 100% (Current, Highest, and Lowest values are identical; likely an error in data recording) \*  
\*\*Central Venous Pressure (CVP):\*\* 12 mmHg \* \*\*Weight (kg):\*\* 101.6 kg (Admission weight) \*  
\*\*Glasgow Coma Scale (GCS):\*\* 9 (3+1+5)

\*\*Note:\*\* Many physical exam values are recorded as identical for current, highest, and lowest values which is highly improbable and likely a data entry issue requiring correction.