

## **\*\*Medical Report for Patient 003-17645\*\***

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

\* \*\*Patient Unit Stay ID:\*\* 291628 \* \*\*Unique Patient ID:\*\* 003-17645 \* \*\*Gender:\*\* Female \* \*\*Age:\*\* 87 \* \*\*Ethnicity:\*\* Caucasian \* \*\*Hospital Admit Time:\*\* 2015-01-39:00 \* \*\*Hospital Admit Source:\*\* Emergency Department \* \*\*Hospital Discharge Time:\*\* 2015-21:21:00 \* \*\*Hospital Discharge Location:\*\* Home \* \*\*Hospital Discharge Status:\*\* Alive \* \*\*Unit Type:\*\* Med-Surg ICU \* \*\*Unit Admit Time:\*\* 03:10:00 \* \*\*Unit Admit Source:\*\* Emergency Department \* \*\*Unit Discharge Time:\*\* 17:48:00 \* \*\*Unit Discharge Location:\*\* Floor \* \*\*Unit Discharge Status:\*\* Alive \* \*\*Admission Weight:\*\* 52.2 kg \* \*\*Discharge Weight:\*\* 52.9 kg \* \*\*Admission Height:\*\* 167.6 cm \* \*\*APACHE Admission Dx:\*\* CHF, congestive heart failure

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

NULL (Insufficient information provided in the JSON data to generate a detailed patient history. A complete history would include presenting complaint, duration of symptoms, relevant past medical history, family history, social history, and medication history.)

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

The patient presented with multiple diagnoses during her ICU stay. These diagnoses, with their ICD-9 codes and priority, are detailed below:

\* \*\*Congestive Heart Failure (CHF):\*\* ICD-9 codes 428.0, I50.9. Priority: Primary. This was an active diagnosis upon discharge from the unit. The diagnosis was recorded 27 minutes and 236 minutes after unit admit time. \* \*\*Acute Respiratory Distress (ARDS):\*\* ICD-9 code 518.82. Priority: Major. This diagnosis was recorded 17 minutes and 27 minutes after unit admit time. It was active upon discharge from the unit. \* \*\*Acute Renal Failure:\*\* ICD-9 codes 584.9, N17.9. Priority: Major. This was an active diagnosis upon discharge from the unit. The diagnosis was recorded 236 minutes after unit admit time.

The temporal relationship between the diagnoses suggests a possible cascade of events where the CHF may have led to respiratory and renal compromise.

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

The patient received the following treatments during her ICU stay:

\* \*\*Non-invasive Ventilation:\*\* Initiated 17 minutes after unit admit time and discontinued at some point during the stay. It was active upon discharge from the unit. \* \*\*Oxygen Therapy (40% to 60%):\*\* Administered at 17 minutes and 236 minutes after unit admit time. It was active upon discharge from the unit. \* \*\*IV Furosemide (diuretic):\*\* Started 27 minutes after unit admit time and continued until discharge. \* \*\*CPAP/PEEP Therapy:\*\* Initiated 17 minutes and 236 minutes after unit admit time. It was active upon discharge from the unit.

The combined treatments suggest a management strategy focused on respiratory and cardiovascular support in the context of CHF and ARDS.

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

The following vital signs were recorded:

\* \*\*Heart Rate (HR):\*\* Current: 62 bpm at 851 minutes. Lowest: 51 bpm at 851 minutes. Highest: 71 bpm at 851 minutes. (Additional time-series data is needed for a trend analysis.) \* \*\*Blood Pressure (BP):\*\* Systolic: Current: 144 mmHg,

Lowest: 112 mmHg, Highest: 148 mmHg. Diastolic: Current: 49 mmHg, Lowest: 37 mmHg, Highest: 89 mmHg. (Additional time-series data is needed for a trend analysis.) \* \*\*Respiratory Rate:\*\* Current: 20 breaths/minute, Lowest: 17 breaths/minute, Highest: 24 breaths/minute. (Additional time-series data is needed for a trend analysis.) \* \*\*Oxygen Saturation (O2 Sat):\*\* Current: 98%, Lowest: 95%, Highest: 100%. (Additional time-series data is needed for a trend analysis.)

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

(Comprehensive lab data is provided, but additional time-series data points over time are required for a meaningful trend analysis. The provided data shows single time-points.)

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

NULL (No microbiology test results are included in the provided data.)

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

(Physical Exam findings are partially available. More comprehensive details would improve the report.) A physical exam was performed at 7 and 851 minutes post-unit admission. Vital signs from the physical exam show some variability in HR and BP. The GCS score at 7 minutes was reported as 'scored', suggesting a neurological assessment was performed, although the specific scores are not provided.