

## **\*\*Medical Report for Patient 004-10245\*\***

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

**\*\*Patient Unit Stay ID:\*\*** 313055 **\*\*Unique Patient ID:\*\*** 004-10245 **\*\*Gender:\*\*** Male **\*\*Age:\*\*** 53 **\*\*Ethnicity:\*\*** Caucasian **\*\*Hospital Admission Time:\*\*** 2014-11-15 23:02:00 **\*\*Hospital Admission Source:\*\*** Emergency Department **\*\*Hospital Discharge Time:\*\*** 2014-11-17 14:25:00 **\*\*Hospital Discharge Location:\*\*** Home **\*\*Hospital Discharge Status:\*\*** Alive **\*\*Unit Type:\*\*** CCU-CTICU **\*\*Unit Admission Time:\*\*** 2014-11-16 03:24:00 **\*\*Unit Admission Source:\*\*** Emergency Department **\*\*Unit Discharge Time:\*\*** 2014-11-17 14:25:00 **\*\*Unit Discharge Location:\*\*** Home **\*\*Unit Discharge Status:\*\*** Alive **\*\*Admission Weight:\*\*** 89.8 kg **\*\*Admission Height:\*\*** 188 cm

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

Admission diagnosis was Angina, unstable (angina interferes w/quality of life or meds are tolerated poorly). The patient presented to the Emergency Department with chest pain. Further details regarding the patient's medical history prior to this admission are not available in the provided data.

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

**\*\*Primary Diagnosis:\*\*** Acute Myocardial Infarction (with ST elevation), ICD-9 code: 410.90, I21.3. This diagnosis was active upon discharge. **\*\*Diagnosis Entered:\*\*** 32 minutes after unit admission. **\*\*Diagnosis Pathstring:\*\*** cardiovascular|chest pain / ASHD|acute coronary syndrome|acute myocardial infarction (with ST elevation)

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

The patient received the following treatments during their ICU stay:

**\*\*Atorvastatin:\*\*** HMG-CoA reductase inhibitor (antihyperlipidemic agent) **\*\*Cardiac Angiography:\*\*** Left and Right Heart **\*\*Bolus Parenteral Analgesics:\*\*** For pain management **\*\*Lisinopril:\*\*** ACE inhibitor **\*\*Metoprolol:\*\*** Beta blocker **\*\*Aspirin:\*\*** Antiplatelet agent **\*\*Nitroglycerin:\*\*** For myocardial ischemia/infarction management **\*\*Lorazepam:\*\*** Sedative agent **\*\*Aggregation Inhibitors:\*\*** Antiplatelet agent **\*\*Drug-eluting stent placement:\*\*** As part of cardiac angiography. All listed treatments were active upon discharge.

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

Based on the physical examination, the following vital signs were recorded at 18 minutes post-unit admission:

**\*\*Heart Rate (Current, Lowest, Highest):\*\*** 63 bpm **\*\*Blood Pressure (Systolic - Current, Lowest, Highest):\*\*** 114 mmHg **\*\*Blood Pressure (Diastolic - Current, Lowest, Highest):\*\*** 69 mmHg **\*\*Respiratory Rate (Current, Lowest, Highest):\*\*** 16 breaths/minute **\*\*Oxygen Saturation (Current, Lowest, Highest):\*\*** 97% **\*\*Weight (Admission):\*\*** 89.8 kg **\*\*Glasgow Coma Scale (GCS) Score:\*\*** 15 (Eyes 4, Verbal 5, Motor 6)

Further details on trends over time are unavailable in this dataset.

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

The following lab results were obtained:

**\*\*Initial Hematology (at -303 minutes):\*\*** WBC: 11.8 K/mcL \* RBC: 5.13 M/mcL \* Hgb: 15.6 g/dL \* Hct: 44.8 % \* MCV: 87 fL \* MCH: 30 pg \* MCHC: 35 g/dL \* RDW: 13.4 % \* Platelets: 196 K/mcL \* Lymphocytes: 18 % \* Basophils: 1 % \* Polymorphs: 71 % \* Monocytes: 7 % \* Eosinophils: 3 % **\*\*Chemistry (at 401 minutes):\*\*** Creatinine: 0.77 mg/dL \* Potassium: 3.8 mmol/L \* Sodium: 142 mmol/L \* Chloride: 111 mmol/L \* Bicarbonate: 25 mmol/L \* BUN: 12 mg/dL \*

Glucose: 80 mg/dL \* Troponin-I: 1.821 ng/mL \* Total Cholesterol: 158 mg/dL \* Triglycerides: 39 mg/dL \* LDL: 108 mg/dL \* HDL: 42 mg/dL \* Calcium: 8.6 mg/dL \* \*\*Repeat Lab Values\*\* (at -303 minutes, note some values are missing): \* Chloride: 108 mmol/L \* Potassium: 3.4 mmol/L \* BUN: 18 mg/dL \* Glucose: 86 mg/dL \* Magnesium: 1.6 mg/dL \* Troponin I: 0.036 ng/mL \* CPK: 247 Units/L

Note that some lab results were repeated during the admission, and additional data points are needed for a complete time-series analysis.

**\*\*7. Microbiology Tests\*\*** NULL

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

See Vital Trends section above for detailed results of the physical examination conducted 18 minutes after unit admission. The exam included a GCS assessment.