

****Patient Information****

Patient Unit Stay ID: 151179 Unique Patient ID: 002-10079 Gender: Female Age: 59 Ethnicity: Caucasian Hospital Admit Time: 2014-XX-XX 17:05:00 Hospital Discharge Time: 2014-XX-XX 03:38:00 Hospital Discharge Status: Expired Unit Type: Med-Surg ICU Unit Admit Time: 2014-XX-XX 17:06:00 Unit Discharge Time: 2014-XX-XX 02:50:00 Unit Discharge Status: Alive Hospital Admit Source: Emergency Department Unit Admit Source: Emergency Department Hospital Discharge Location: Death Unit Discharge Location: Floor Admission Height (cm): 149.9 Discharge Weight (kg): 73

****Medical History****

NULL (Insufficient data provided)

****Diagnoses****

The patient presented with multiple diagnoses, some active upon discharge and others not. The primary diagnosis was septic shock (ICD-9 codes 785.52, R65.21). Other significant diagnoses included:

* Metabolic acidosis (ICD-9 codes 276.2, E87.2) * C. difficile colitis (ICD-9 codes 008.45, A04.7) * Hypotension (ICD-9 codes 458.9, I95.9) * Hypocalcemia (ICD-9 codes 275.41, E83.51) * Hyponatremia (moderate, 146-155 mEq/dL) (ICD-9 codes 276.0, E87.0) * Infected pressure ulcer * Infectious dermatitis (686.9, L08.9) * Metastatic lung CA (197.0, C78.00) – This diagnosis was not active upon discharge.

The temporal relationships between these diagnoses are not explicitly stated in the provided data, but the `diagnosisoffset` field suggests that several diagnoses were recorded concurrently at 3929 minutes post-unit admission. The earlier entries (at 29 and 120 minutes) were related to metastatic lung cancer and septic shock, suggesting these were initial assessments.

****Treatments****

NULL (Insufficient data provided)

****Vital Trends****

The physical exam recorded at 18 minutes post-unit admission shows the following vital signs:

* Heart Rate (HR): 125 bpm (current, lowest, and highest readings were all 125 bpm, suggesting a consistent HR) * Blood Pressure (BP) systolic: 57 mmHg (lowest), 109 mmHg (highest), 57 mmHg (current) * Blood Pressure (BP) diastolic: 34 mmHg (lowest), 74 mmHg (highest), 34 mmHg (current) * Oxygen Saturation (O2 Sat): 94% (current, lowest, and highest readings were all 94%, suggesting stable O2 saturation) * Central Venous Pressure (CVP): 11 mmHg * Weight: 80.7 kg

The lack of longitudinal data prevents a detailed analysis of vital sign trends over time.

****Lab Trends****

The provided lab data includes multiple blood tests, some repeated at different timepoints. The data shows some abnormalities, notably elevated creatinine, BUN, and anion gap. There are also findings suggestive of dehydration (high urinary specific gravity). Specific trends over time are difficult to ascertain without a time series of measurements for each lab value. However, available data does include chemistry, hematology and ABG panels.

****Hematology****

* Hemoglobin (Hgb): 12 g/dL (initial), 12.1 g/dL (later), 12.8 g/dL (later) * Hematocrit (Hct): 43.3% (initial), 37.8% (later), 39.5% (later) * White Blood Cell count (WBC): 49.8 K/mcL (initial), 14.1 K/mcL (later), 25.6 K/mcL (later) * Platelets: 541 K/mcL (initial), 296 K/mcL (later), 472 K/mcL (later) * Red Blood Cell count (RBC): 4.74 M/mcL (initial), 4.12 M/mcL (later), 4.29 M/mcL (later) * Mean Corpuscular Volume (MCV): 93.1 fL (initial), 91.7 fL (later), 92.1 fL (later) * Mean Corpuscular Hemoglobin Concentration (MCHC): 31.8 g/dL (initial), 32 g/dL (later), 32.4 g/dL (later) * Red cell Distribution width (RDW): 15.6% (initial), 16.2% (later) * Lymphocytes: 2% (initial), 4% (later), 5% (later) * Monocytes: 6% (initial), 2% (later), 5% (later) * Polymorphonuclear leukocytes (Polys): 88% (initial), 88% (later), 90% (later) * Bands: 2% (initial), 1% (later), 2% (later) * Eosinophils: 2% (later)

****Chemistry:****

* Sodium: 146 mmol/L (later), 148 mmol/L (later), 150 mmol/L (later), 152 mmol/L (later) * Potassium: 3.5 mmol/L (later), 4 mmol/L (later), 3.4 mmol/L (later), 3.3 mmol/L (later) * Chloride: 112 mmol/L (initial), 113 mmol/L (later), 115 mmol/L (later), 119 mmol/L (later), 121 mmol/L (later) * Bicarbonate: 14 mmol/L (initial), 17 mmol/L (later), 18 mmol/L (later), 20 mmol/L (later), 24 mmol/L (later) * Anion gap: 18 mmol/L (initial), 14 mmol/L (later), 16 mmol/L (later), 20 mmol/L (later), 26 mmol/L (later) * Creatinine: 1.39 mg/dL (initial), 0.7 mg/dL (later), 0.86 mg/dL (later), 0.91 mg/dL (later), 3.02 mg/dL (initial), 3.8 mg/dL (initial) * BUN: 26 mg/dL (later), 36 mg/dL (later), 37 mg/dL (later), 52 mg/dL (later), 72 mg/dL (initial), 87 mg/dL (initial) * Glucose: 44 mg/dL (initial), 58 mg/dL (initial), 65 mg/dL (initial), 80 mg/dL (initial), 82 mg/dL (initial), 99 mg/dL (initial), 106 mg/dL (initial), 109 mg/dL (initial), 115 mg/dL (initial), 121 mg/dL (initial), 130 mg/dL (initial), 130 mg/dL (initial), 136 mg/dL (initial), 141 mg/dL (initial) * Calcium: 6.5 mg/dL (initial), 6 mg/dL (later), 6.2 mg/dL (later), 6.4 mg/dL (later), 7.6 mg/dL (initial) * Total protein: 4.3 g/dL (initial), 6.1 g/dL (initial) * Albumin: 1.3 g/dL (initial), 1.9 g/dL (initial) * ALT (SGPT): 14 Units/L (initial), 16 Units/L (initial), 33 Units/L (initial), 60 Units/L (initial) * AST (SGOT): 60 Units/L (initial), 33 Units/L (initial) * Alkaline phosphatase: 110 Units/L (initial), 155 Units/L (initial) * Total bilirubin: 0.2 mg/dL (initial), 0.4 mg/dL (initial) * Direct bilirubin: 0.2 mg/dL (initial) * Lipase: 144 Units/L (initial) * BNP: 43 pg/mL (initial) * Ionized calcium: 3.44 mg/dL (later), 3.72 mg/dL (later) * Bedside glucose: 65 mg/dL (initial), 80 mg/dL (initial), 82 mg/dL (initial), 109 mg/dL (initial), 121 mg/dL (initial), 130 mg/dL (initial), 136 mg/dL (initial), 141 mg/dL (initial) * PT: 24 sec (initial) * PT-INR: 2.2 ratio (initial) * PTT: 38 sec (initial) * Urinary specific gravity: >1.030 (initial)

****ABG:****

* HCO₃: 10 mmol/L (initial) * Base deficit: 16 mEq/L (initial) * PaO₂: 91 mmHg (initial) * PaCO₂: 26 mmHg (initial) * pH: 7.23 (initial) * FiO₂: 28% (initial)

Note: The time offsets indicate multiple lab draws occurred at different times. The data is presented as it is, without interpretation beyond highlighting some notable values.

****Microbiology Tests****

NULL (Insufficient data provided)

****Physical Examination Results****

Physical exam was performed and scored. Vital signs were recorded as mentioned in Vital Trends section. The Glasgow Coma Scale (GCS) was recorded as 15 (Eyes: 4, Verbal: 5, Motor: 6).