

****Medical Report for Patient 005-10906****

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

* **Patient Unit Stay ID:** 509023 * **Patient Health System Stay ID:** 430560 * **Unique Patient ID:** 005-10906 *
Gender: Female * **Age:** 87 * **Ethnicity:** Asian * **Hospital ID:** 144 * **Ward ID:** 267 * **Unit Type:** Med-Surg
ICU * **Unit Admit Time:** 13:45:00 * **Unit Admit Source:** Emergency Department * **Unit Discharge Time:** 18:41:00 *
Unit Discharge Location: Floor * **Unit Discharge Status:** Alive * **Hospital Admit Time:** 09:14:00 * **Hospital Admit
Source:** Emergency Department * **Hospital Discharge Year:** 2014 * **Hospital Discharge Time:** 21:15:00 *
Hospital Discharge Location: Home * **Hospital Discharge Status:** Alive * **Admission Height:** 167.6 cm *
Admission Weight: 75.7 kg * **Discharge Weight:** NULL * **APACHE Admission Diagnosis:** CVA, cerebrovascular
accident/stroke

****2. History****

NULL (Insufficient data provided)

****3. Diagnoses****

The patient presented with the following diagnoses upon discharge:

* **Primary:** Neurologic|Disorders of vasculature|Stroke (ICD-9 code: 436, I67.8) * **Major:** Cardiovascular|Ventricular
disorders|Congestive heart failure (ICD-9 code: 428.0, I50.9) * **Other:** Hematology|Platelet disorders|Thrombocytosis
(ICD-9 code: 289.9, D47.3) * **Other:** Endocrine|Glucose metabolism|Diabetes mellitus (ICD-9 code:) * **Other:**
Cardiovascular|Vascular disorders|Hypertension (ICD-9 code: 401.9, I10) * **Other:** Hematology|Bleeding and red blood
cell disorders|Anemia (ICD-9 code:) * **Other:** Gastrointestinal|Hepatic disease|Viral hepatitis|Hepatitis C (ICD-9 code:
573.1, 070.51, B17.1) * **Other:** Gastrointestinal|Hepatic disease|Hepatic dysfunction|With cirrhosis (ICD-9 code: 571.5,
K74.60)

****4. Treatments****

The patient received the following treatments during their ICU stay:

* Neurologic|Procedures / diagnostics|Head CT scan * Gastrointestinal|Medications|Diuretic *
Cardiovascular|Hypertension|Angiotensin II receptor blocker (ARB) * Endocrine|Glucose metabolism|Insulin * Infectious
diseases|Medications|Therapeutic antibacterials|Cephalosporin * Cardiovascular|Myocardial ischemia /
infarction|Antihyperlipidemic agent * Cardiovascular|Hypertension|Beta blocker

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

* **Heart Rate (HR):** Lowest recorded HR was 69 bpm, highest was 70 bpm (initial exam) and 73 bpm (later exam).
Current HR at a later exam was 73 bpm. * **Respiratory Rate (Resp):** Lowest recorded respiratory rate was 23 breaths
per minute, highest was 24 bpm (initial) and 30 bpm (later). Current respiratory rate at a later exam was 30 breaths per
minute. * **Oxygen Saturation (O2 Sat):** Lowest recorded O2 saturation was 90%, highest was 91% (initial) and 92%
(later). Current O2 saturation at a later exam was 90%.

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

The patient underwent numerous lab tests during their stay. Detailed trends require a time-series analysis (see
visualizations below). Key initial lab values include:

* Hemoglobin (Hgb): 8.2 g/dL * Hematocrit (Hct): 26.3 % * White Blood Cell count (WBC): 9.8 K/mcL * Platelets: 382 K/mcL * Mean Corpuscular Volume (MCV): 96 fL * Mean Corpuscular Hemoglobin (MCH): 30 pg * Mean Corpuscular Hemoglobin Concentration (MCHC): 31 g/dL * Red Cell Distribution Width (RDW): 17.4 % * Blood Urea Nitrogen (BUN): 38 mg/dL * Creatinine: 1.16 mg/dL * Sodium: 140 mmol/L * Potassium: 3.3 mmol/L * Chloride: 109 mmol/L * Anion Gap: 8 * Bicarbonate: 23 mmol/L * Calcium: 8.6 mg/dL * Magnesium: 2.1 mg/dL * Total Bilirubin: 0.5 mg/dL * Direct Bilirubin: 0.3 mg/dL * Total Protein: 8.1 g/dL * Albumin: 2.8 g/dL * Alanine Aminotransferase (ALT): 17 Units/L * Aspartate Aminotransferase (AST): 17 Units/L * Alkaline Phosphatase: 172 Units/L * Amylase: 91 Units/L * Lipase: 391 Units/L * PT: 13.5 sec * PTT: 29.4 sec * PT-INR: 1.0 ratio * ESR: 84 mm/hr * TSH: 4.5 mcu/ml * Bedside glucose levels varied throughout the stay, with readings ranging from 127 mg/dL to 166 mg/dL. * Subsequent lab results (obtained at 1089 minutes and 2535 minutes post-admission) show some variation in Hematological values.

Later blood gas results show: pH 7.489, PaO2 58.2 mmHg, PaCO2 27.3 mmHg, FiO2 34%, Methemoglobin 0.5%, Carboxyhemoglobin 0.7%, Base Excess -2.4 mEq/L.

****7. Microbiology Tests****

NULL (Insufficient data provided)

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

The physical exam findings included:

* Initial exam: Lowest HR 69 bpm, highest HR 70 bpm; Lowest respiratory rate 23 breaths/min, highest respiratory rate 24 breaths/min; Lowest O2 saturation 90%, highest O2 saturation 91%; Admission weight 75.7 kg. * Later exam: HR 73 bpm, respiratory rate 30 breaths/min, O2 saturation 90%. GCS: Estimated due to medications (verbal 4, motor 6, eyes 4).