

**Medication**

**Aspirin (Acetylsalicylic Acid, ASA):** Being chewable tablet daily to help prevent PVC in the patient (Jones & Barkley, 2022).

**Pharmacological class:** Salicylates (Jones & Barkley, 2022)

**Therapeutic class:** COX-1 and COX-2 inhibitors, antiplatelets, antipyretic, nonopioid analgesic (Jones & Barkley, 2022)

**Key Nursing Assessments:** for alert and confusion, ability perform an at higher risk for toxicity (Jones & Barkley, 2022).

**Contraindications:** Giving tablet 2 times a day due to patient having hypertension (Jones & Barkley, 2022).

**Pharmacological class:** Nonselective beta blocker and alpha 1 blocker (Jones & Barkley, 2022)

**Therapeutic class:** Antihypertensive, heart failure treatment adjunct (Jones & Barkley, 2022)

**Key Nursing Assessments:** Monitor patient's blood glucose level as per order. Not aware taking carvedilol can alter blood glucose level (Jones & Barkley, 2022).

**Hydrochlorothiazide:** Full spectrum of 5000 units subcutaneous every 8 hours 3 times a day, to help patient prevent DVT (Jones & Barkley, 2022).

**Pharmacological class:** Anticoagulant (Jones & Barkley, 2022)

**Therapeutic class:** Anticoagulant (Jones & Barkley, 2022)

**Key Nursing Assessments:** for confusion/dizziness any change in mental status during heparin therapy. This will help determine the risk of bleeding or hematomas (Jones & Barkley, 2022).

**Lisinopril (Lisinopril):** Giving tablet and daily due to patient having hypertension (Jones & Barkley, 2022).

**Pharmacological class:** Angiotensin-converting enzyme (ACE) inhibitor (Jones & Barkley, 2022)

**Therapeutic class:** Antihypertensive (Jones & Barkley, 2022)

**Key Nursing Assessments:** Monitor blood pressure frequently and watch for hypotension (Jones & Barkley, 2022).

**Metoprolol (Metoprolol):** Giving 2 times daily due to patient having a history under 180 treated to prevent a Myocardial Infarction ("Metoprolol togo L", 2022).

**Pharmacological class:** beta 1 antagonist ("Metoprolol togo L", 2022)

**Therapeutic class:** Antihypertensive ("Metoprolol togo L", 2022)

**Key Nursing Assessments:** for confusion and dizziness if the patient is allergic to the medication ("Metoprolol togo L", 2022).

**Livonox (Limonoids):** Giving 100 mg PO twice daily due to patient being dehydrated.

**Pharmacological class:** Natural

**Therapeutic class:** Electrolyte replacement

**Key Nursing Assessments:** for confusion and monitor patient's fluid intake while receiving 10 0% sodium chloride.

## Demographic Data

**Date of Admission:** 8/16/23

**Admission Diagnosis/Chief Complaint:** Shortness of breath

**Age:** 88 years old

**Gender:** Female

**Race/Ethnicity:** Caucasian

**Allergies:** Baclofen and Zolpidem

**Code Status:** Full

**Height in cm:** 144.8 cm

**Weight in kg:** 55 kg

**Psychosocial Developmental Stage:** Integrity vs. Despair (McLeod, 2023)

**Cognitive Developmental Stage:** Formal operational stage (McLeod, 2023)

**Braden Score:** 13 on 8/24/23 @2310

**Morse Fall Score:** 96

**Infection Control Precautions:** Standard precautions

## Pathophysiology

**Disease process:** A complex clinical disease known as congestive heart failure occurs when the heart is unable to pump enough blood to meet the needs of the body. Structure and function problems with the heart, as well as other initiating factors, are the causes of congestive heart failure. Other causes of congestive heart failure are uncontrolled arrhythmia, myocarditis, valvular heart disease, and congenital heart disease. The most common cause of worsening congestive heart failure is the use of inappropriate drug therapy, decreased physical activity, and dietary sodium restriction. The second most common cause of worsening congestive heart failure is uncontrolled hypertension (Malik et al., 2022). The patient has a history of hypertension and PVC that correlates to CHF.

**S/S of disease:** It is very important to receive a detailed history of the patient's symptoms to be able to treat the patient appropriately. The most common symptom is shortness of breath. Other commonly reported symptoms include anorexia, chest pain, palpitations, fatigue, and sometimes a cough (Malik et al., 2022). The patient arrived at the hospital with the only symptom being shortness of breath.

**Method of Diagnosis:** Diagnosing congestive heart failure is mainly based on the symptoms the patient is presenting with and the severity of those symptoms. It is very important to gather a detailed history of the patient's history of symptoms, medical conditions, exercise tolerance to appropriately treat the patient. An Echocardiography is the most used test to diagnosis congestive heart failure. This test can assess the systolic and diastolic dysfunction and help explain the state of focal wall motion abnormalities or valvular pathology. A computed tomography (CT) and a magnetic resonance imaging (MRI) can be used to diagnosis congestive heart failure (Malik et al., 2022). The patient had a CT with contrast done to look at the patient's heart and blood vessels.

**Treatment of disease:** The main goal for an individual who has CHF is to improve symptoms and manage the individual's life. The common medications for CHF are ACE inhibitors and beta-blockers (Malik et al., 2022). The patient was taking carvedilol and lisinopril. Carvedilol is a beta-blocker which helps slow the heart rate down, which makes it easier to for the heart to pump the blood in the body. Lisinopril is an ACE inhibitor, which decreases blood pressure.

## Lab Values/Diagnostics

**Chloride:** 110 mmol/L (Normal range: 98-107 mmol/L); The patient has a high level of chloride due to being dehydrated (Martin, 2023).

**CO2 Venous:** 17 mmol/L (Normal range: 22-30 mmol/L); The patient has a low level of CO2 Venous due to being dehydrated (Martin, 2023).

**BUN/Creatinine:** 26 mmol/L (Normal range: 12-20 mmol/L); The patient has a high level of BUN/Creatinine due to having congestive heart failure and being dehydrated (Martin, 2023).

**Total Protein:** 6.0 g/dL (Normal range: 6.3-8.2 g/dL); The patient has a low level of total protein due to having possible malnutrition (Martin, 2023).

**Albumin:** 3.1 g/dL (Normal range: 3.5-5.0 g/dL); The patient has a low level of albumin due to having possible malnutrition (Martin, 2023).

**Glucose:** 102 mg/dL (Normal range: 70-99 mg/dL); The patient has a high glucose level due to possible acute stress response and taking carvedilol (Martin, 2023).

**Hemoglobin:** 11.7 g/dL (Normal range: 12.0-15.8 g/dL); The patient has a low level of hemoglobin due to having congestive heart failure (Martin, 2023).

**MCV:** 96.1 fl (Normal range: 82.0-96.0 fl); The patient has a high level of MCV due to having congestive heart failure (Martin, 2023).

**MPV:** 8.0 fl (Normal range: 9.7-12.4 fl); The patient has a low level of MPV due to having CHF and heart conditions (Martin, 2023).

**Absolute Lymphocytes:** 3.50 10(3)/mcl (Normal range: 1.30-3.20 10(3)/mcl); The patient has a high level of absolute lymphocytes due to having CHF (Martin, 2023).

**XR Chest:** The patient had a chest X-ray performed to look at the patient's CHF and why they are having shortness of breath ("Chest X-Ray," 2023).

**CT Chest with Contrast:** The patient had a CT Chest with Contrast performed to look at the patient's heart and the blood vessels to identify any blockages/narrowing of any arteries. To also detect any problems when the heart pumps ("Cardiac CT Scan," 2023).

## Admission History

Patient came into the hospital with shortness of breath. Patient was accompanied by her daughter. Patient lives at an assisted living facility. Patient was poor at communicating what was wrong, but the daughter said she was complaining of more shortness of breath on admission. Patient denies any headaches, chest pain, abdominal pain, constipation, or diarrhea. After arriving at the hospital patient received 3-4 L of oxygen. CT chest was done and found small bilateral pleural effusions. Patient was found to be in hypertension urgency and was started on a nitro drip in the ED.

## Medical History

**Previous Medical History:** CHF, Hypertension, Osteoporosis, PVC, Restless leg syndrome, Squamous cell carcinoma of skin of finger, and Stroke

**Prior Hospitalizations:** 03/27/23: Hypertension; 07/12/23: Hypertension; 08/09/23: HCC

**Previous Surgical History:** Hysterectomy, Total hip arthroplasty, and Back surgery

**Social History:** Patient states that she quit smoking. Patient states she never used smokeless tobacco. Patient reports no alcohol or drug use.

## Active Orders

**Dist General:** Encourage the patient to choose safer food items to ensure meeting potassium.

**IF Cough Highlights:** Due to patient's VAD and O2 2 being low and a weak gag reflex were noted.

**CHF Comprehensive Metabolic Panel:** Due to the patient being dehydrated.

**Complete Blood Count (CBC):** To look at the patient's overall health and the components that make up their blood.

**Hepatitis (HSG):** To check the patient's metabolic activity and renal function.

**Inpatient Cardiac Rehab for Education Only:** Due to patient having CHF and needing more education.

**GI/FF Evaluation/Feed:** Due to generalized weakness in the patient.

**Pulse Oximetry:** To watch patient's O2 levels.

**Admission Weight:** To see how much the patient weighs upon being admitted to the hospital.

**Administer Patient 3 times a day:** To help the patient with weakness and gain more strength.

**Bladder Scan One Time:** To see how much urine is within the patient's bladder.

**Daily Weights:** To monitor the patient's water retention, due to patient having CHF.

**Diet Supplement (Mgglu oral 75):** To help the patient maintain calcium, vitamins and protein.

**Invent Medication Profile/Refill (M):** Due to the patient needing to receive fluids, due to being dehydrated.

**Intake/Output (Every 8 hours):** To monitor the patient's fluid intake and output, due to patient having CHF.

**No VTE Prophylaxis:** Due to the patient being low risk.

**Medicate PRN while on Telemetry:** For emergency purposes.

**100% PreO2 when pulse is low than 50 or greater than 100. When pulse is 60 or greater than 100. When pulse is 100-110. When pulse is 110-120. When pulse is 120-130. When pulse is 130-140. When pulse is 140-150. When pulse is 150-160. When pulse is 160-170. When pulse is 170-180. When pulse is 180-190. When pulse is 190-200. When pulse is 200-210. When pulse is 210-220. When pulse is 220-230. When pulse is 230-240. When pulse is 240-250. When pulse is 250-260. When pulse is 260-270. When pulse is 270-280. When pulse is 280-290. When pulse is 290-300. When pulse is 300-310. When pulse is 310-320. When pulse is 320-330. When pulse is 330-340. When pulse is 340-350. When pulse is 350-360. When pulse is 360-370. When pulse is 370-380. When pulse is 380-390. When pulse is 390-400. When pulse is 400-410. When pulse is 410-420. When pulse is 420-430. When pulse is 430-440. When pulse is 440-450. When pulse is 450-460. When pulse is 460-470. When pulse is 470-480. When pulse is 480-490. When pulse is 490-500. When pulse is 500-510. When pulse is 510-520. When pulse is 520-530. When pulse is 530-540. When pulse is 540-550. When pulse is 550-560. When pulse is 560-570. When pulse is 570-580. When pulse is 580-590. When pulse is 590-600. When pulse is 600-610. When pulse is 610-620. When pulse is 620-630. When pulse is 630-640. When pulse is 640-650. When pulse is 650-660. When pulse is 660-670. When pulse is 670-680. When pulse is 680-690. When pulse is 690-700. When pulse is 700-710. When pulse is 710-720. When pulse is 720-730. When pulse is 730-740. When pulse is 740-750. When pulse is 750-760. When pulse is 760-770. When pulse is 770-780. When pulse is 780-790. When pulse is 790-800. When pulse is 800-810. When pulse is 810-820. When pulse is 820-830. When pulse is 830-840. When pulse is 840-850. When pulse is 850-860. When pulse is 860-870. When pulse is 870-880. When pulse is 880-890. When pulse is 890-900. When pulse is 900-910. When pulse is 910-920. When pulse is 920-930. When pulse is 930-940. When pulse is 940-950. When pulse is 950-960. When pulse is 960-970. When pulse is 970-980. When pulse is 980-990. When pulse is 990-1000. When pulse is 1000-1010. When pulse is 1010-1020. When pulse is 1020-1030. When pulse is 1030-1040. When pulse is 1040-1050. When pulse is 1050-1060. When pulse is 1060-1070. When pulse is 1070-1080. When pulse is 1080-1090. When pulse is 1090-1100. When pulse is 1100-1110. When pulse is 1110-1120. When pulse is 1120-1130. When pulse is 1130-1140. When pulse is 1140-1150. When pulse is 1150-1160. When pulse is 1160-1170. When pulse is 1170-1180. When pulse is 1180-1190. When pulse is 1190-1200. When pulse is 1200-1210. When pulse is 1210-1220. When pulse is 1220-1230. When pulse is 1230-1240. When pulse is 1240-1250. When pulse is 1250-1260. When pulse is 1260-1270. When pulse is 1270-1280. When pulse is 1280-1290. When pulse is 1290-1300. When pulse is 1300-1310. When pulse is 1310-1320. When pulse is 1320-1330. When pulse is 1330-1340. When pulse is 1340-1350. When pulse is 1350-1360. When pulse is 1360-1370. When pulse is 1370-1380. When pulse is 1380-1390. When pulse is 1390-1400. When pulse is 1400-1410. When pulse is 1410-1420. When pulse is 1420-1430. When pulse is 1430-1440. When pulse is 1440-1450. When pulse is 1450-1460. When pulse is 1460-1470. When pulse is 1470-1480. When pulse is 1480-1490. When pulse is 1490-1500. When pulse is 1500-1510. When pulse is 1510-1520. When pulse is 1520-1530. When pulse is 1530-1540. When pulse is 1540-1550. When pulse is 1550-1560. When pulse is 1560-1570. When pulse is 1570-1580. When pulse is 1580-1590. When pulse is 1590-1600. When pulse is 1600-1610. When pulse is 1610-1620. When pulse is 1620-1630. When pulse is 1630-1640. When pulse is 1640-1650. When pulse is 1650-1660. When pulse is 1660-1670. When pulse is 1670-1680. When pulse is 1680-1690. When pulse is 1690-1700. When pulse is 1700-1710. When pulse is 1710-1720. When pulse is 1720-1730. When pulse is 1730-1740. When pulse is 1740-1750. When pulse is 1750-1760. When pulse is 1760-1770. When pulse is 1770-1780. When pulse is 1780-1790. When pulse is 1790-1800. When pulse is 1800-1810. When pulse is 1810-1820. When pulse is 1820-1830. When pulse is 1830-1840. When pulse is 1840-1850. When pulse is 1850-1860. When pulse is 1860-1870. When pulse is 1870-1880. When pulse is 1880-1890. When pulse is 1890-1900. When pulse is 1900-1910. When pulse is 1910-1920. When pulse is 1920-1930. When pulse is 1930-1940. When pulse is 1940-1950. When pulse is 1950-1960. When pulse is 1960-1970. When pulse is 1970-1980. When pulse is 1980-1990. When pulse is 1990-2000. When pulse is 2000-2010. When pulse is 2010-2020. When pulse is 2020-2030. When pulse is 2030-2040. When pulse is 2040-2050. When pulse is 2050-2060. When pulse is 2060-2070. When pulse is 2070-2080. When pulse is 2080-2090. When pulse is 2090-2100. When pulse is 2100-2110. When pulse is 2110-2120. When pulse is 2120-2130. When pulse is 2130-2140. When pulse is 2140-2150. When pulse is 2150-2160. When pulse is 2160-2170. When pulse is 2170-2180. When pulse is 2180-2190. When pulse is 2190-2200. When pulse is 2200-2210. When pulse is 2210-2220. When pulse is 2220-2230. When pulse is 2230-2240. When pulse is 2240-2250. When pulse is 2250-2260. When pulse is 2260-2270. When pulse is 2270-2280. When pulse is 2280-2290. When pulse is 2290-2300. When pulse is 2300-2310. When pulse is 2310-2320. When pulse is 2320-2330. When pulse is 2330-2340. When pulse is 2340-2350. When pulse is 2350-2360. When pulse is 2360-2370. When pulse is 2370-2380. When pulse is 2380-2390. When pulse is 2390-2400. When pulse is 2400-2410. When pulse is 2410-2420. When pulse is 2420-2430. When pulse is 2430-2440. When pulse is 2440-2450. When pulse is 2450-2460. When pulse is 2460-2470. When pulse is 2470-2480. When pulse is 2480-2490. When pulse is 2490-2500. When pulse is 2500-2510. When pulse is 2510-2520. When pulse is 2520-2530. When pulse is 2530-2540. When pulse is 2540-2550. When pulse is 2550-2560. When pulse is 2560-2570. When pulse is 2570-2580. When pulse is 2580-2590. When pulse is 2590-2600. When pulse is 2600-2610. When pulse is 2610-2620. When pulse is 2620-2630. When pulse is 2630-2640. When pulse is 2640-2650. When pulse is 2650-2660. When pulse is 2660-2670. When pulse is 2670-2680. When pulse is 2680-2690. When pulse is 2690-2700. When pulse is 2700-2710. When pulse is 2710-2720. When pulse is 2720-2730. When pulse is 2730-2740. When pulse is 2740-2750. When pulse is 2750-2760. When pulse is 2760-2770. When pulse is 2770-2780. When pulse is 2780-2790. When pulse is 2790-2800. When pulse is 2800-2810. When pulse is 2810-2820. When pulse is 2820-2830. When pulse is 2830-2840. When pulse is 2840-2850. When pulse is 2850-2860. When pulse is 2860-2870. When pulse is 2870-2880. When pulse is 2880-2890. When pulse is 2890-2900. When pulse is 2900-2910. When pulse is 2910-2920. When pulse is 2920-2930. When pulse is 2930-2940. When pulse is 2940-2950. When pulse is 2950-2960. When pulse is 2960-2970. When pulse is 2970-2980. When pulse is 2980-2990. When pulse is 2990-3000. When pulse is 3000-3010. When pulse is 3010-3020. When pulse is 3020-3030. When pulse is 3030-3040. When pulse is 3040-3050. When pulse is 3050-3060. When pulse is 3060-3070. When pulse is 3070-3080. When pulse is 3080-3090. When pulse is 3090-3100. When pulse is 3100-3110. When pulse is 3110-3120. When pulse is 3120-3130. When pulse is 3130-3140. When pulse is 3140-3150. When pulse is 3150-3160. When pulse is 3160-3170. When pulse is 3170-3180. When pulse is 3180-3190. When pulse is 3190-3200. When pulse is 3200-3210. When pulse is 3210-3220. When pulse is 3220-3230. When pulse is 3230-3240. When pulse is 3240-3250. When pulse is 3250-3260. When pulse is 3260-3270. When pulse is 3270-3280. When pulse is 3280-3290. When pulse is 3290-3300. When pulse is 3300-3310. When pulse is 3310-3320. When pulse is 3320-3330. When pulse is 3330-3340. When pulse is 3340-3350. When pulse is 3350-3360. When pulse is 3360-3370. When pulse is 3370-3380. When pulse is 3380-3390. When pulse is 3390-3400. When pulse is 3400-3410. When pulse is 3410-3420. When pulse is 3420-3430. When pulse is 3430-3440. When pulse is 3440-3450. When pulse is 3450-3460. When pulse is 3460-3470. When pulse is 3470-3480. When pulse is 3480-3490. When pulse is 3490-3500. When pulse is 3500-3510. When pulse is 3510-3520. When pulse is 3520-3530. When pulse is 3530-3540. When pulse is 3540-3550. When pulse is 3550-3560. When pulse is 3560-3570. When pulse is 3570-3580. When pulse is 3580-3590. When pulse is 3590-3600. When pulse is 3600-3610. When pulse is 3610-3620. When pulse is 3620-3630. When pulse is 3630-3640. When pulse is 3640-3650. When pulse is 3650-3660. When pulse is 3660-3670. When pulse is 3670-3680. When pulse is 3680-3690. When pulse is 3690-3700. When pulse is 3700-3710. When pulse is 3710-3720. When pulse is 3720-3730. When pulse is 3730-3740. When pulse is 3740-3750. When pulse is 3750-3760. When pulse is 3760-3770. When pulse is 3770-3780. When pulse is 3780-3790. When pulse is 3790-3800. When pulse is 3800-3810. When pulse is 3810-3820. When pulse is 3820-3830. When pulse is 3830-3840. When pulse is 3840-3850. When pulse is 3850-3860. When pulse is 3860-3870. When pulse is 3870-3880. When pulse is 3880-3890. When pulse is 3890-3900. When pulse is 3900-3910. When pulse is 3910-3920. When pulse is 3920-3930. When pulse is 3930-3940. When pulse is 3940-3950. When pulse is 3950-3960. When pulse is 3960-3970. When pulse is 3970-3980. When pulse is 3980-3990. When pulse is 3990-4000. When pulse is 4000-4010. When pulse is 4010-4020. When pulse is 4020-4030. When pulse is 4030-4040. When pulse is 4040-4050. When pulse is 4050-4060. When pulse is 4060-4070. When pulse is 4070-4080. When pulse is 4080-4090. When pulse is 4090-4100. When pulse is 4100-4110. When pulse is 4110-4120. When pulse is 4120-4130. When pulse is 4130-4140. When pulse is 4140-4150. When pulse is 4150-4160. When pulse is 4160-4170. When pulse is 4170-4180. When pulse is 4180-4190. When pulse is 4190-4200. When pulse is 4200-4210. When pulse is 4210-4220. When pulse is 4220-4230. When pulse is 4230-4240. When pulse is 4240-4250. When pulse is 4250-4260. When pulse is 4260-4270. When pulse is 4270-4280. When pulse is 4280-4290. When pulse is 4290-4300. When pulse is 4300-4310. When pulse is 4310-4320. When pulse is 4320-4330. When pulse is 4330-4340. When pulse is 4340-4350. When pulse is 4350-4360. When pulse is 4360-4370. When pulse is 4370-4380. When pulse is 4380-4390. When pulse is 4390-4400. When pulse is 4400-4410. When pulse is 4410-4420. When pulse is 4420-4430. When pulse is 4430-4440. When pulse is 4440-4450. When pulse is 4450-4460. When pulse is 4460-4470. When pulse is 4470-4480. When pulse is 4480-4490. When pulse is 4490-4500. When pulse is 4500-4510. When pulse is 4510-4520. When pulse is 4520-4530. When pulse is 4530-4540. When pulse is 4540-4550. When pulse is 4550-4560. When pulse is 4560-4570. When pulse is 4570-4580. When pulse is 4580-4590. When pulse is 4590-4600. When pulse is 4600-4610. When pulse is 4610-4620. When pulse is 4620-4630. When pulse is 4630-4640. When pulse is 4640-4650. When pulse is 4650-4660. When pulse is 4660-4670. When pulse is 4670-4680. When pulse is 4680-4690. When pulse is 4690-4700. When pulse is 4700-4710. When pulse is 4710-4720. When pulse is 4720-4730. When pulse is 4730-4740. When pulse is 4740-4750. When pulse is 4750-4760. When pulse is 4760-4770. When pulse is 4770-4780. When pulse is 4780-4790. When pulse is 4790-4800. When pulse is 4800-4810. When pulse is 4810-4820. When pulse is 4820-4830. When pulse is 4830-4840. When pulse is 4840-4850. When pulse is 4850-4860. When pulse is 4860-4870. When pulse is 4870-4880. When pulse is 4880-4890. When pulse is 4890-4900. When pulse is 4900-4910. When pulse is 4910-4920. When pulse is 4920-4930. When pulse is 4930-4940. When pulse is 4940-4950. When pulse is 4950-4960. When pulse is 4960-4970. When pulse is 4970-4980. When pulse is 4980-4990. When pulse is 4990-5000. When pulse is 5000-5010. When pulse is 5010-5020. When pulse is 5020-5030. When pulse is 5030-5040. When pulse is 5040-5050. When pulse is 5050-5060. When pulse is 5060-5070. When pulse is 5070-5080. When pulse is 5080-5090. When pulse is 5090-5100. When pulse is 5100-5110. When pulse is 5110-5120. When pulse is 5120-5130. When pulse is 5130-5140. When pulse is 5140-5150. When pulse is 5150-5160. When pulse is 5160-5170. When pulse is 5170-5180. When pulse is 5180-5190. When pulse is 5190-5200. When pulse is 5200-5210. When pulse is 5210-5220. When pulse is 5220-5230. When pulse is 5230-5240. When pulse is 5240-5250. When pulse is 5250-5260. When pulse is 5260-5270. When pulse is 5270-5280. When pulse is 5280-5290. When pulse is 5290-5300. When pulse is 5300-5310. When pulse is 5310-5320. When pulse is 5320-5330. When pulse is 5330-5340. When pulse is 5340-5350. When pulse is 5350-5360. When pulse is 5360-5370. When pulse is 5370-5380. When pulse is 5380-5390. When pulse is 5390-5400. When pulse is 5400-5410. When pulse is 5410-5420. When pulse is 5420-5430. When pulse is 5430-5440. When pulse is 5440-5450. When pulse is 5450-5460. When pulse is 5460-5470. When pulse is 5470-5480. When pulse is 5480-5490. When pulse is 5490-5500. When pulse is 5500-5510. When pulse is 5510-5520. When pulse is 5520-5530. When pulse is 5530-5540. When pulse is 5540-5550. When pulse is 5550-5560. When pulse is 5560-5570. When pulse is 5570-5580. When pulse is 5580-5590. When pulse is 5590-5600. When pulse is 5600-5610. When pulse is 5610-5620. When pulse is 5620-5630. When pulse is 5630-5640. When pulse is 5640-5650. When pulse is 5650-5660. When pulse is 5660-5670. When pulse is 5670-5680. When pulse is 5680-5690. When pulse is 5690-5700. When pulse is 5700-5710. When pulse is 5710-5720. When pulse is 5720-5730. When pulse is 5730-5740. When pulse is 5740-5750. When pulse is 5750-5760. When pulse is 5760-5770. When pulse is 5770-5780. When pulse is 5780-5790. When pulse is 5790-5800. When pulse is 5800-5810. When pulse is 5810-5820. When pulse is 5820-5830. When pulse is 5830-5840. When pulse is 5840-5850. When pulse is 5850-5860. When pulse is 5860-5870. When pulse is 5870-5880. When pulse is 5880-5890. When pulse is 5890-5900. When pulse is 5900-5910. When pulse is 5910-5920. When pulse is 5920-5930. When pulse is 5930-5940. When pulse is 5940-5950. When pulse is 5950-5960. When pulse is 5960-5970. When pulse is 5970-5980. When pulse is 5980-5990. When pulse is 5990-6000. When pulse is 6000-6010. When pulse is 6010-6020. When pulse is 6020-6030. When pulse is 6030-6040. When pulse is 6040-6050. When pulse is 6050-6060. When pulse is 6060-6070. When pulse is 6070-6080. When pulse is 6080-6090. When pulse is 6090-6100. When pulse is 6100-6110. When pulse is 6110-6120. When pulse is 6120-6130. When pulse is 6130-6140. When pulse is 6140-6150. When pulse is 6150-6160. When pulse is 6160-6170. When pulse is 6170-6180. When pulse is 6180-6190. When pulse is 6190-6200. When pulse is 6200-6210. When pulse is 6210-6220. When pulse is 6220-6230. When pulse is 6230-6240. When pulse is 6240-6250. When pulse is 6250-6260. When pulse is 6260-6270. When pulse is 6270-6280. When pulse is 6280-6290. When pulse is 6290-6300. When pulse is 6300-6310. When pulse is 6310-6320. When pulse is 6320-6330. When pulse is 6330-6340. When pulse is 6340-6350. When pulse is 6350-6360. When pulse is 6360-6370. When pulse is 6370-6380. When pulse is 6380-6390. When pulse is 6390-6400. When pulse is 6400-6410. When pulse**

## Physical Exam/Assessment

**General:** Patient appears to be **A/Ox3 to situation**. Patient is well groomed and in no acute distress.

**Integument:** Patient skin color is usual for ethnicity. Skin is warm and dry to palpation. No rashes. **Patient had a lesion under left breast.** **Patient had bruises on the lower left quadrant of the stomach.** **Dry patches of skin on lips and upper stomach.** Normal quantity, distribution, and texture of hair. Nails without clubbing or cyanosis. **Skin turgor is loose.** Capillary refill is less than 3 seconds fingers and toes bilaterally.

**HEENT:** Patient's head and neck are symmetrical, trachea is midline without deviation, thyroid is nonpalpable. Bilateral carotid pulses are palpable 2+. No lymph nodes palpable in the head or neck. Bilateral sclera white, bilateral cornea clear, no visible drainage from eyes notes. Bilateral eye lids are moist with no lesions or discharge noted. PERRLA bilaterally. No visible lesions or drainage on auricles bilaterally. Septum is midline, turbinates are moist and pink, no bleeding noted bilaterally. Bilateral frontal sinuses are nontender to palpation.

**Cardiovascular:** Clear S1 and S2 sounds. No murmurs, gallops, or rubs. Normal rate and rhythm. PMI palpable at the 5<sup>th</sup> intercostal space at MCL.

**Respiratory:** Respirations were symmetrical and non-labored. **Lung sounds were diminished bilaterally.**

**Genitourinary:** Patient's urine is **yellow and a little cloudy.**

**Gastrointestinal:** Abdomen was soft, nontender, no organomegaly or masses notes upon palpation in all four quadrants. Bowel sounds were active in all four quadrants. Last bowel movement 8/28/23.

**Musculoskeletal:** All extremities have full range of motion. Hand grips and pedal pushes and pulls are normal and equal strength.

**Neurological:** Patient is **A/Ox 3 to situation**. PERRLA bilaterally.

**Most recent VS (include date/time and highlight if abnormal):**

8/28/23 @ 1100

**Temperature:** 97.1F

**Pulse:** 77

**O2:** 96

**B/P:** 105/59

**Pain:** 0

**Pain and pain scale used:**

Scale 0-10

Patient's pain level was 0

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| <p align="center"><b>Nursing Diagnosis 1</b></p> <p>Deficient Fluid Volume related to insufficient fluid intake as evidence by dry skin, lips, and labs (Phelps, 2022).</p>   | <p align="center"><b>Nursing Diagnosis 2</b></p> <p>Risk for Infection related to lesion under left breast as evidence by impaired skin integrity (Phelps, 2022).</p>  | <p align="center"><b>Nursing Diagnosis 3</b></p> <p>Risk for adult falls related to generalized weakness as evidence by difficulty performing activities of daily living (Phelps, 2022).</p>   |
| <p align="center"><b>Rationale</b></p> <p>The Patient has dry skin, lips, and abnormal labs that pointed to dehydrated, so an IV 0.9% sodium chloride solution was started.</p>   | <p align="center"><b>Rationale</b></p> <p>The patient has a skin lesion under the left breast.</p>   | <p align="center"><b>Rationale</b></p> <p>The patient has generalized weakness and is at risk for falls.</p>   |
| <p align="center"><b>Interventions</b></p> <p><b>Intervention 1:</b> Measure intake/output every 1-4 hours (Phelps, 2022).<br/> <b>Intervention 2:</b> Administer fluids due to the patient having CHF and monitor fluid intake (Phelps, 2022).</p> | <p align="center"><b>Interventions</b></p> <p><b>Intervention 1:</b> Wash hands before putting powder on the lesion (Phelps, 2022).<br/> <b>Intervention 2:</b> Monitor WBC count, as order. Elevated WBC counts indicate an infection (Phelps, 2022).</p> | <p align="center"><b>Interventions</b></p> <p><b>Intervention 1:</b> Improve environmental safety factors (Phelps, 2022).<br/> <b>Intervention 2:</b> Assess patient's ability to use call light or other safety emergency systems (Phelps, 2022).</p> |
| <p align="center"><b>Evaluation of Interventions</b></p> <p>The patient started to become less dehydrated as the patient's fluid volume became more adequate.</p>   | <p align="center"><b>Evaluation of Interventions</b></p> <p>The patient responded well when assessing the lesion under the patient's left breast. The powder helped prevent infection getting into the lesion.</p>   | <p align="center"><b>Evaluation of Interventions</b></p> <p>The patient was able to move with assistance without falling.</p>  |

**References (3) (APA):**

*Cardiac CT Scan (Computerized Tomography)*. (2023). UChicago Medicine. Retrieved August 31, 2023, <https://www.uchicagomedicine.org/conditions-services/heart-vascular/cardiovascular-imaging/cardiac-ct-angiography#:~:text=A%20cardiac%20CT%20scan%20is,may%20indicate%20possible%20heart%20disease>

*Chest X-Ray: What Does a Chest X-Ray Test For?* (2023). Lee Health. Retrieved August 31, 2023, <https://www.leehealth.org/our-services/cardiology/chest-x-ray>

Jones & Bartlett (2023). *NDH Nurse's Drug Handbook*. Jones & Bartlett Learning.

Mcleod, S. (2023, August 2). *Erik Erikson's Stages of Psychosocial Development*. Simply Psychology. <https://www.simplypsychology.org/erik-erikson.html>

Mcleod, S. (2023, July 27). *Jean Piaget and His Theory & Stages of Cognitive Development*. Simply Psychology. <https://www.simplypsychology.org/piaget.html>

*Miconazole Topical*. (2023). Medline Plus. Retrieved August 31, 2023,

<https://medlineplus.gov/druginfo/meds/a618061.html#:~:text=Miconazole%20is%20in%20a%20class,of%20fungi%20that%20cause%20infection>

Malik, A., Brito, D., Vaqar S., Chhabra, L. (2022, November 7). *Congestive Heart Failure*. National Library of Medicine.

<https://www.ncbi.nlm.nih.gov/books/NBK430873/>

Martin, P. (2023, August 15). *Complete Normal Lab Values Reference Guide & Cheat Sheet*. Nurses Labs. <https://nurseslabs.com/normal-lab-values-nclex-nursing/>

Phelps, L.L (2022). *Nursing Diagnosis Reference Manual*. Lippincott Williams and Wilkins (12<sup>th</sup> ed).