

Firelands Regional Medical Center School of Nursing
AMSN 2023
Unit 6: Heart Failure online assignment (1.5H)
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Directions:

- Read Lewis Chapter 34, review ATI Pharmacology Made Easy 4.0: Cardiovascular Module: Drug Therapy for Heart Failure, and review the Unit 6 Pharmacology List.
- Utilizing the resources above, complete the case study. There will be many items for each question.
- Utilizing the Pharmacology List and ATI/Skyscape, complete three ATI Medication Templates from the Pharmacology List.
- This assignment is due in the Unit 6: HF assignment drop box by March 13, 2023 at 0800.
- Be prepared to discuss this assignment in class.
- You must complete the assignment in full to receive the 1.5H theory credit.

Assignment Objectives:

- Determine overall goals in the treatment of heart failure.

CASE STUDY:

Frannie Failure, a patient on 4P, calls the nurse and states, "I feel really puffy. My rings feel so tight on my fingers and I am having trouble catching my breath." The patient is lying flat in the bed and is alert and oriented x 3. NS @ 125mL/HR running.

Assessment:

- Vital Signs: T 97.9 oral, HR 120, RR 24, SpO2 86% RA, BP 152/94, pain 0/10.
- Respiratory: Lung sounds- crackles throughout bilaterally, non-productive cough.
- Cardiac: Heart sounds- S3, pedal pulses not palpable, 3+ pitting edema bilateral feet and ankles.
- Skin intact, pale and cool.
- Gastrointestinal: Bowel sounds x4 WNL, BM yesterday morning.
- Intake/Output: Patient has had 900ml in and 200ml out.

- 1. What additional information would you want to know?** History and physical, weight, current medications, smoking status,
- 2. What assessment/ interventions would be appropriate for this patient?** Raise head of bed at 30 or greater, administer 2lpm o2 titrate to stay above a 93%, stop I.V, elevate legs, 12 lead ECG
- 3. What would you anticipate the healthcare provider to order?** Administer Lasix, perform echocardiogram, CXR, 12 ECG, labs BUN creatinine, and a BNP
- 4. What medications would be appropriate for this patient (include all pertinent from the Pharmacology List) ? Doses? Nursing Interventions? You will pick three of these medications to complete the ATI Medication Templates.** Furosemide 20 mg I-monitor I&Os, daily weight

cardiovascular check, assess for allergies for sulfas. metoprolol 25mg I- monitor BP and pulse, monitor ECG, monitor intake and output, daily weights. losartan 25mg I-assess for orthostatic hypotension and pulse, angioedema, monitor BUN and creatinine, and K+ and H&H. captopril 12.5-25mg I- monitor BP and pulse, assess for angioedema, monitor daily weight, assess lungs sounds. carvedilol 12.5-25mg I- assess apical pulse, monitor BP, assess orthostatic hypotension monitor I&Os, monitor BUN and creatinine. spironolactone 25mg I- monitor labs K+ and BUN and creatinine, assess patient skin for rash, monitor I&Os, daily weight assess for hyperkalemia. Bumetanide 0.5-2mg I- monitor daily weight, monitor BP and pulse, assess for tinnitus and hearing loss, assess for patients with sulfa allergies and assess skin for skin rash. Hydrochlorothiazide 12.5-100mg I- monitor BP and I&Os, daily weight, assess lower extremities for edema, monitor electrolytes (esp K+) BUN and creatinine, assess patients skin for rash

- 5. What patient education would you include?** Medication compliance, when to contact the doctor about side effects from medication, teach to increase exercise and maintain a healthy diet. Smoking cessation, follow up appts with PCP and cardiologist. Teach patient how to obtain at home blood pressures accurately.