

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

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?

- a. I would want to know what the patient is there for as well as the patient's diagnosis. I would also want to know what the patient's baseline is, like if they are usually able to lay flat normally and if they're normally exerted when laying flat. I would want to know any abnormal diagnostics, lab findings, and medications.

2. What assessment/ interventions would be appropriate for this patient?

- a. I would first raise the patients head of bed to reduce the struggle of breathing, then obtain vital signs. It may also be important to bladder scan to see if the patient needs straight catheterized. I would also call the doctor for Lasix to help get the fluid overload under control. I would also ask for lab studies to be drawn such as BMP and BNP. I would also connect the patient to an EKG to monitor for effects of the heart.

3. **What would you anticipate the healthcare provider to order?**
 - a. I would anticipate the HCP to order diuretics, lab work such as BMP, BNP, kidney function test, CBC, and urinalysis, Chest x-ray, 12 lead EKG, echocardiogram, and medications to reduce fluid in the patient's system.
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.**
 - a. The medications that would be appropriate for this patient would be Loop (Furosemide), Thiazide (Hydrochlorothiazide), or Potassium sparing diuretics (Spironolactone), vasodilators, and ACE inhibitors.
5. **What patient education would you include?**
 - a. I would educate the patient about procedures and treatments, as well as ways to decrease risks of exacerbation such as reducing salt intake and adherence to medication regimen.