

Firelands Regional Medical Center School of Nursing
AMSN 2025
Unit 6: Heart Failure online assignment (1.5H)

Directions:

- Read Lewis Chapter 38, review ATI Pharmacology Made Easy 5.0: 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 (see below for further details).
- This assignment is due in the Unit 6: HF assignment drop box by March 10, 2025 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. Normal saline 0.9% @ 125mL/HR is 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 over the last 8 hours.

1. What additional information would you want/need to know?

Some Additional information that I would like to know would be the patient's history and what medications they have taken prior to coming in. I also want to know what the patient's electrolyte levels because sometimes when certain electrolytes are off such as sodium the patient may be retaining fluid like the symptoms the patient is currently experiencing in.

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

Some assessment findings would be the patient heart monitor and see if there is anything going on with the heart because of the fluid overload. I also would want to perform a bladder scan to see how much urine the patient is retaining because of the decrease urine output. I also would want to contact the provider to see if they would like to order a x-ray or some type

of imaging to rule out infection as well as draw labs for WBC's to see if the patient is trying to fight off an infection.

3. What would you anticipate the healthcare provider to order?

I would anticipate the healthcare provider to order some diuretics to help and get the fluids off of the patient. I also would anticipate imaging to be performed to rule out anything like pneumonia see if there is fluid in the lungs. Lab work I will also anticipate to draw for any electrolyte imbalances as well as seeing if there is any type of infection. If there is an infection a antibiotic would be ordered as well for the patient.

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.

5. What patient education would you include?

Some patient education that I would include would be on coughing and deep breathing, making sure that they sit in a semi-fowlers position to promote drainage. I would also educate the patient on a cardiac healthy diet which includes low sodium and this would help decrease the fluid retention that the patient is having other wise. The patient should report any new changes to the nurse or if they are feeling any different.