

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?

- What the patient came in with
- Pt identifiers
- Pt history
- Was a doppler used to find the pedal pulses?
- Pt weight for medications

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

- Stop the NS
- Use a doppler to find pedal pulses

- Sit the Pt up in bed
- Apply oxygen

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

- A diuretic
- Cardiac monitoring
- Possibly a BP med

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.

- Spironolactone to reduce edema and BP. 25-100mg PO daily. Monitor cardiac rhythm.
- Furosemide to reduce edema and BP. 20-80mg PO daily. Watch potassium levels.
- Metoprolol to treat high blood pressure. 100mg PO daily. Monitor BP.
- Milrinone if the Pt was here for a cardiac related issue. Used to increase myocardial contraction. 1.13 mg/kg IV push. Monitor vitals.

5. What patient education would you include?

- I would educate on medication uses and why they are essential.
- Signs of fluid volume overload.
- Causes of fluid volume overload.
- Causes of hypertension and how to reduce it.