

Firelands Regional Medical Center School of Nursing  
AMSN 2024  
Unit 6: Heart Failure online assignment (1.5H)

Directions:

- Read Lewis Chapter 38, 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 11, 2024 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?** Any significant cardiac history and/or familial cardiac history, are there fluids running, substance use/abuse, hypertension, any infections or inflammatory processes

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

ABGs, BNP, fatigue/weakness, cardiac assessment, edema, skin appearance (shiny, taught, puffy), daily weights, pulses, lung sounds, electrolyte levels, raise head of the bed, oxygen via nasal cannula, stop fluids

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

Depending on potassium level, a diuretic will be ordered, oxygen via nasal cannula titrated to keep SpO2 above 92%, stop running fluids, EKG, ABGs and 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,

5. What patient education would you include?

I would include proper medication usage, contraceptive options, daily weights, frequent monitoring of BP and HR, side effects of medications, oxygen usage, keeping head of bed elevated to help breathing, and reporting side effects to HCP.