

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?**

Weight upon admission

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

Diuretics, beta-blockers, ACE inhibitors, aldosterone antagonists, dietary sodium restriction, fluid monitoring, regular exercise as tolerated, weight management, smoking cessation, keep the head of bed elevated, strict I&Os, assess lung sounds for crackles, assess for peripheral edema, assess vital signs specifically BP, HR, and SpO2

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

Dietary sodium restriction, diuretics, beta-blockers, ACE inhibitors, aldosterone antagonists, daily weights, strict I&Os

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.**

Captopril, valsartan, digoxin, Sacubitril/valsartan, furosemide, bumetanide, hydrochlorothiazide, metoprolol succinate, carvedilol, milrinone, nesiritide, isosorbide, nitroglycerin, spironolactone

5. **What patient education would you include?**

Take medications as prescribed, potential side effects of medications, signs and symptoms to report, weigh yourself every day, eat a heart healthy low-salt diet, exercise 30 minutes a day for at least 5 days each week, limit fluid intake, smoking cessation, attend doctor's appointments