

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?**
  - When did the Puffiness and SOB start?
  - What procedure was done prior to their admittance to 4P?
  - Description of urine/urine process? (Does it burn? What is the color of the urine? Does it have a smell? Do you feel the urge subsides after you've attempted to urinate?)
  
2. **What assessment/ interventions would be appropriate for this patient?**
  - HOB  $\geq$  30°
  - Hourly Urination Attempts
  - Foley (if urination isn't  $\geq$  30mL/hr)
  - DC Normal Saline 0.9% @ 125mL/hr
  - Obtain order for Furosemide (Lasix)
  - Supplemental O2 (if O2 Sat is  $\leq$  92%)
  
3. **What would you anticipate the healthcare provider to order?**
  - Foley
  - Furosemide (Lasix)
  - NPO
  - I&Os Q1H
  
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 (IM/IV): 20-40mg – Repeat Q1-2H +  $\uparrow$  by 20mg until appropriate response is achieved
  - Hydrochlorothiazide (PO): 12.5-100mg/day in 1-2 Doses (up to 200mg/day)
  - Spironolactone (PO): 25mg/day (may  $\uparrow$  to 50mg/day)
  
5. **What patient education would you include?**
  - Reduction of Salt Intake
  - Limit Fluid Intake
  - Weight Management
  - BP Monitoring
  - Chest Pain S/Sx to Report to HCP
  - SOB S/Sx to Report to HCP
  - Medication Adherence
  - Smoking Cessation (if applicable)