

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?

What her health history is? Is she on any heart medications? Have you had any weight gain recently? Is she having any chest pain?

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

Chest Xray, 12-lead ECG, echocardiogram, CBC, liver function tests, kidney function tests, urinalysis

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

I would anticipate the doctor to order a diuretic and put her on a heart healthy diet.

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.

Beta blockers

- Metoprolol succinate
- 12.5-25mg once daily
- Monitor BP, ECG, pulse; monitor intake and output

Diuretics

- Hydrochlorothiazide
- PO 12.5-100mg/day
- Monitor BP before and after, assess patient for skin rash, monitor daily

weights

- Furosemide
- 20-80mg/day
- Monitor daily weights, intake and output, lung sounds; Assess for tinnitus and hearing loss; monitor electrolytes

5. What patient education would you include?

-Avoid sodium in meals, perform daily weights, increase walking and other activities, take each medication as prescribed, and report weight gain, difficulty breathing , dry cough when lying down to a health care provider.