

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, **SOB**.
- 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?

Pertinent past medical history, family history, current medical conditions and home medication list, activity level, when was the onset of symptoms.

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

Labs, ecg, cxr, cardiac cath, scds, daily weights, raise HOB, possible cardioversion, low sodium diet

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

Labs, ecg, cxr, cardiac cath, diuretics for volume overload, vasodilator, morphine, inotrope such as dopamine

- 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 20-80 mg a day, assess fluid status, monitor bp and hr, neuro, gastro, monitor electrolytes

Nitroglycerin 0.3-0.6 mg for acute attacks, 2.5-9 mg every 8-12 hr, assess angina, monitor bp and hr, ecg

Morphine 0.8-10 mg/hr IV, pain, gastro

Dopamine 1-5 mcg/kg/min IV, bp and hr, ecg, I+O, pulses

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

Low sodium diet, physical activity, monitoring of symptoms, medications