

Firelands Regional Medical Center School of Nursing
AMSN 2023
Unit 6: Heart Failure online assignment (1.5H)

Directions:

- Read Lewis Chapter 34, 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 13, 2023 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. NS @ 125mL/HR 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.

1. What additional information would you want to know?

- When did the puffiness occur?
- Do you have any chest pain?
- What was her admission vital signs?
- What is the time frame of her output? An hour, 30 minutes, 3 hours?
- What is her Hx?

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

- I would reassess her skin
- Listen to her lungs
- Educate on deep cough

- Look for a diuretic in her MAR
- Raise the leg of the bed up
- Vital Signs
- assess edema
- Call provider & ask for a medication if no diuretic is ordered.

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

- Echocardiogram, noninvasive and can detect HF
- 12 lead ECG
- CXR
- Stress test
- BUN, BNP, Troponin levels checked
- O2

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 Blocker: metoprolol succinate, bisoprolol.
 - promotes reverse remodeling, decrease BP & HR
 - 2.5-20mg/daily)
 - interventions: assess BP, ECG, and pulse frequently. Monitor I/O's.
- Losartan
 - lowering BP, prevents stroke
 - 25-100 mg/day)
 - monitor for worsening of angioedema
- Spironolactone
 - HTN, & HF
 - HTN 25-100mg/day. Edema 25-200mg/day
 - monitor I&O's, weight, assess BP prior to administering, assess for skin rash.
- Digoxin
 - HF, AFIB, Aflutter
 - 0.5-1mg
 - monitor apical pulse for 1 minute prior to administering, monitor ECG, monitor I&O's, daily weights, BP

5. What patient education would you include?

- Report any changes
- If moving, slowly change positions
- Educate side effects
- Medication compliance
- The purpose of taking each medication
- What would happen if you didn't take it
- Other options