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**?
    a. Additional information that I would want to know to help care for Frannie would be what the patient was admitted for, what the vital signs were at baseline, and what the baseline assessment was as well. By knowing the baseline of the patient upon admission, I would be able to identify any significant changes with the patient's current status.
2. **What assessment/ interventions would be appropriate for this patient?**
    a. Assessment/interventions that would be appropriate for this patient would be to stop the fluids as the patient may be in fluid overload, raise the head of the bed to try and help the patient be able to breathe better, and apply oxygen to the patient.

3. **What would you anticipate the healthcare provider to order?**
    a. I would anticipate the healthcare provider to order a diuretic to try and get the extra fluid off Frannie. I would also anticipate the provider would order oxygen to make sure the patient maintains adequate oxygen saturation.
4. **What medications would be appropriate for this patient (include all pertinent from the Pharmacology List)? Doses? Nursing Interventions? <u>You will pick three of these medications to complete the ATI Medication Templates.</u>**
    a. Medications that would be appropriate for the patient would be an ACE inhibitor as it is the first line for chronic heart failure. ACE inhibitors that could be given would be captopril, lisinopril, or enalapril. With ACE inhibitors, you want to monitor for renal function and any edema that may be occurring. Other medications that I would expect to be given would be a diuretic to get the fluid off. Diuretics to be given may be furosemide, or bumetanide. With diuretics, you need to make sure to be monitoring electrolyte levels as it can play a role in potassium levels.
    b. Medication templates in drop box.
5. **What patient education would you include?**
    a. I would educate the patient on making sure to do daily weights, taking daily diuretics as prescribed, and being on a low-sodium, heart healthy diet.