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**? Health history, Medications, Health Perception, Pain, Nutritional-Metabolic, Elimination, Activity, Sleep, Cognitive-Perceptual, Assessment-Neurologic and Diagnostic/Laboratory Testing.
2. **What assessment/ interventions would be appropriate for this patient?** High Fowler's position, O2, Circulatory assist devices, Daily Weights, Sodium-Fluid restricted diet, Continuous ECG and Pulse Ox monitoring, Drug Therapy, I&O's, Treatment of Underlying Cause. Stop the infusion at this time.
3. **What would you anticipate the healthcare provider to order?** To start, he/she may order Diuretics, Vasodilators, and Morphine. Additionally, labs and diagnostics.

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>** See Attached Templates.
5. **What patient education would you include?** Diet Therapy, Activity Program, Ongoing Monitoring (Knowing Signs and Symptoms and when to report, weight, chest pain, edema, need to keep appt.s, support groups), Health Promotion (Vaccinations), Rest, and Drug Therapy.