

Clinical assignment

Discussion Questions

- Is the setting appropriate to care for this client? Why or why not?
 - Yes, the setting is appropriate for caring for this client. He was admitted for uncontrolled diabetes and then experienced a myocardial infarction (MI). He is in a hospital and will most likely be taken to a cardiac care unit after his MI is treated.
- What considerations (culture, literacy, religious, diet, economic, education, pronouns, gender identity, etc.) should you address when caring for this client?
 - The nurse should address education when caring for the client. The client has a BMI of 37 and does not follow a diabetic diet. The nurse should educate him on his diet and how this can help with controlling his diabetes. The nurse should also educate the client on his oral antidiabetic and antihypertensive medications. Finally, the nurse should educate the client on his new prescription for Plavix and the importance of cardiac rehabilitation due to him experiencing another MI.
- What resources or supplies will you need when caring for this client?
 - The nurse should print resources on the medications the client is taking to educate him on and for him to reference. Since the client is experiencing an MI, the doctor will most likely order an ECG and labs to be drawn. The nurse should anticipate these and have them ready. Also have the client on tele. Also the client was sent to have a cardiac cath and stent placement, the nurse should have dressing supplies in case the dressing needs to be changed.

Clinical Judgement Questions

Recognize Cues (Assessment)

- Was the report effective for you to care for this client?
 - Yes I believe the report was effective in caring for this client. The SBAR format was followed, making it easy to obtain all the needed information.
- What information is missing from the scenario and is needed to effectively care for the client?
 - The client's allergies and code status were not given and would be necessary to know, especially since he had a procedure done. Also, knowing the exact type of medication he was taking.
- What information was relevant to the client's condition?
 - The client's medical history of a previous MI and his uncontrolled diabetes. This history with the symptoms the client was experiencing should help the nurse recognize quickly that they were experiencing another MI.
- What subtle changes did you recognize in the client's condition? What condition were the subtle changes in the client's health status related to?
 - The client was feeling very hot and having heartburn. He also had an irregular rhythm and was tachycardic. His pulses were also diminished, his blood pressure elevated, and his extremities had edema. The client was also cool and sweating. These all can be symptoms of someone having a heart attack.

Analyze Cues (Analysis)

- Compare the client findings to the evidence-based resources and standards of care.
 - The client was experiencing some of the signs of a myocardial infarction, which include heartburn, hypertension, irregular heart rhythm, tachycardia, diminished peripheral pulses, edema in the extremities, and sweating (ATI Nursing, 2023). Other symptoms can include chest pain, anxiety, nausea, and dizziness (ATI Nursing, 2023). If the client is thought to be having a heart attack, the client will need to have an ECG within 10 minutes and will also have labs drawn for cardiac enzymes such as creatine kinase-MB and troponin, which are indicators of heart damage (ATI Nursing, 2023). They will also be placed on continuous cardiac monitoring (ATI Nursing, 2023). If the MI is severe or is being caused by a blockage, the client will be taken to have a cardiac catheterization and have a stent placed (ATI Nursing, 2023).
- What are the specific needs of this client?
 - This client is in need of education on managing his diabetes and diet. He also needs education on myocardial infarctions and how his uncontrolled diabetes could have led to this. He will also need education on rehabilitation following the cardiac cath and medication compliance of his antihypertensive, diabetic, and Plavix medications.
- What are the potential complications this client may experience?
 - If the MI wasn't recognized promptly, the client could have gone into shock and could have possibly died. The client did have to have a cardiac cath and stent placement. Therefore, the client is at risk for infection and emboli. For his uncontrolled diabetes, the client could lead to heart disease, kidney disease, increase risk of stroke and MI, worsening neuropathy, and increased risk of pressure ulcers and unhealing wounds leading to infection.
- What findings are of immediate concern for this client?
 - The client's symptoms of an MI are of immediate concern. Promptly treating the MI will decrease the amount of heart damage the client experiences.

Prioritize Hypotheses (Analysis)

- Identify and rank the top three problems for this client. Provide a rationale for your decision on the rank order.
 - MI – the client is experiencing an MI and this needs to be treated immediately to reduce the amount of heart damage.
 - Uncontrolled diabetes – the client was admitted for uncontrolled diabetes. Getting his blood sugar to an appropriate level is important in lowering the risks and complications the client can experience.
 - Education – the client needs a lot of education about his diabetes and how to manage it. He also needs education on MIs and the complications of experiencing one.

Generate Solutions (Planning)

- What interprofessional health care team member will need to be included in establishing a plan of care?

- A dietician must be included in the plan of care to help the client transition to a diabetic diet. A cardiologist and endocrinologist should also be included to discuss his diabetes and heart condition with the patient.

Take Actions (Implementation)

- Identify the nursing actions that should be taken based on the prioritized client problems.
 - The nurse should anticipate the provider's orders, such as an immediate ECG, blood work, and continuous monitoring. The nurse should be continuously monitoring the client for worsening symptoms. The nurse should also expect the client might need to be taken to the cardiac cath lab. The nurse should then know what to educate the client about the cardiac cath and what to monitor post-operatively. The nurse should also educate the client on the topics that need to be reinforced, such as diabetes and MI.
- Identify the potential impact the nursing action has on the client outcomes.
 - The nurse will be able to help get the client's MI treated promptly and will also be on alert for any symptoms that the client is declining. The nurse will also be able to get the client to the cardiac cath lab faster if she anticipates this happening and is already aware of what to educate the client on and what to monitor to ensure the client is recovering properly. With the education, the client will hopefully not experience any complications related to uncontrolled diabetes and will not experience another MI.

Evaluate Outcomes (Evaluation)

- What responses by the client would indicate that the nursing actions were effective?
 - The client feels better after the procedure is complete and does not experience complications. The client also expresses an understanding of the education that is being taught and compliance.
- What are the safety concerns you identified caring for the client(s)?
 - The client will be a fall risk after his procedure. He will also be at risk for emboli, infection, and pressure ulcers due to him having to lay supine for a few hours after the procedure.

Reflection Questions

- Evaluate your ability to care for the client(s). What did you do well, and what could have been improved?
 - I think I was able to recognize his symptoms of experiencing an MI quickly and anticipating what the provider would order.
- Discuss what information you would need to know prior to caring for this client if you could do this over.
 - Maybe a refresher on the symptoms of MI and what happens during a cardiac attack, and what will need to be monitored afterward.
- What do you know now that you did not know prior to completing this case?
 - The education is to provide the client with information on what he will experience during a cardiac cath and what to monitor postoperatively.
- How will this experience change the way you care for clients in the future?

- o It will help me when caring for a client who is experiencing MI and know what to prioritize and anticipate.
- Describe what you learned and how you will learn from this experience.
 - o I learned how to prioritize when providing care for this patient. This experience will help me when caring for a client experiencing an MI and what to anticipate will happen after identifying that it is one. Also, I learned what to monitor for after the client has a cardiac cath and why these things are monitored, such as creatinine levels and I&O, to ensure the client isn't experiencing contrast-induced nephropathy (ATI Nursing, 2023).

References

ATI Nursing (2023). *RN adult medical surgical nursing* (12th ed.). Assessment Technologies Institute, L.L.C.

Module Report

Simulation: HealthAssess 3.0

Module: Health history



Individual Name: **Natalie Zizumbo**

Institution: **Lakeview CON**

Program Type: **BSN**

Overview Of Most Recent Use

| | Date | Time Use | Score |
|--------|-----------|---------------|--------|
| Lesson | 12/6/2024 | 11 min 54 sec | N/A |
| Test | 12/6/2024 | N/A | 100.0% |

Lesson Information:

Module Report

Simulation: HealthAssess 3.0

Module: Cardiovascular



Individual Name: **Natalie Zizumbo**

Institution: **Lakeview CON**

Program Type: **BSN**

Overview Of Most Recent Use

| | Date | Time Use | Score |
|--------|-----------|---------------|--------|
| Lesson | 12/6/2024 | 14 min 11 sec | N/A |
| Test | 12/6/2024 | 7 min | 100.0% |

Lesson Information:

Module Report

Simulation: Skills Modules 3.0

Module: Diabetes mellitus management



Individual Name: **Natalie Zizumbo**

Institution: **Lakeview CON**

Program Type: **BSN**

Overview Of Most Recent Use

| | Date | Time Use | Score |
|----------|-----------|---------------|--------|
| Lesson | 12/6/2024 | 15 min 33 sec | N/A |
| Pretest | 3/23/2024 | 3 min | 87.5% |
| Posttest | 12/6/2024 | 3 min | 100.0% |

Lesson Information:

Module Report

Simulation: Skills Modules 3.0

Module: Comprehensive physical assessment of an adult



Individual Name: **Natalie Zizumbo**

Institution: **Lakeview CON**

Program Type: **BSN**

Overview Of Most Recent Use

| | Date | Time Use | Score |
|----------|------------|---------------|--------|
| Lesson | 12/6/2024 | 11 min 18 sec | N/A |
| Pretest | 11/30/2023 | 9 min | 100.0% |
| Posttest | 12/6/2024 | N/A | 100.0% |

Lesson Information:

Module Report

Tutorial: Video Case Studies RN 3.0

Module: Teaching and Learning/Patient Education: Medication Interactions



Individual Name: **Natalie Zizumbo**

Institution: **Lakeview CON**

Program Type: **BSN**

Overview Of Most Recent Use

| | Date | Time Use | Score |
|--|-----------|--------------|--------|
| Case | 12/6/2024 | 6 min 14 sec | N/A |
| Teaching and Learning/Patient Education: Medication Interactions | 12/6/2024 | N/A | 100.0% |

Case Information:

Module Report

Tutorial: Dosage Calculation and Safe Medication Administration 4.0

Module: Oral Medications



Individual Name: **Natalie Zizumbo**

Institution: **Lakeview CON**

Program Type: **BSN**

Overview Of Most Recent Use

| | Date | Time Use | Score |
|--------|-----------|--------------|--------|
| LESSON | 12/6/2024 | 12 min 9 sec | N/A |
| Test | 12/6/2024 | 10 min | 100.0% |

Lesson Information:

Module Report

Tutorial: Pharmacology Made Easy 4.0

Module: The Cardiovascular System



Individual Name: **Natalie Zizumbo**

Institution: **Lakeview CON**

Program Type: **BSN**

Overview Of Most Recent Use

| | Date | Time Use | Score |
|--------|-----------|---------------|--------|
| Lesson | 12/6/2024 | 12 min 19 sec | N/A |
| Test | 12/6/2024 | N/A | 100.0% |

Lesson Information:

Module Report

Tutorial: Pharmacology Made Easy 4.0

Module: The Endocrine System



Individual Name: **Natalie Zizumbo**

Institution: **Lakeview CON**

Program Type: **BSN**

Overview Of Most Recent Use

| | Date | Time Use | Score |
|--------|-----------|---------------|-------|
| Lesson | 12/6/2024 | 27 min 25 sec | N/A |
| Test | 12/6/2024 | N/A | 92.0% |

Lesson Information: