



Student Instructions for Standardized Simulation

NR 324/NR 329 Keola Akana*

**For CA only*

PURPOSE

The following information is to be used in guiding your preparation and participation in the scenario for this course. This document will provide applicable course outcomes in preparation for your simulation.

SCENARIO OVERVIEW:

Keola Akana is a 70-year-old male with a history of heart failure. He was admitted to the medical-surgical unit early on Monday morning for medication adjustment, monitoring, and cardiac rehabilitation. The scenario takes place on Monday at 09:00, at which time morning medications are due.

STUDENT ROLES DURING SIMULATION:

During pre-briefing, you will be assigned one of these roles according to the description below to participate in the simulation as a nurse.

Charge Nurse (1):

The charge nurse is responsible for the overall organization of safe, quality patient care. You are the team leader and serve as a resource to all interdisciplinary members and are responsible for appropriate delegation of duties. You will serve as the point person for communication and can anticipate speaking with the physician or other primary care provider, ancillary support services, and others directly involved with the care being provided. You must be knowledgeable about the patient's condition and able to dictate orders obtained and assist with implementation if needed. Additionally, be prepared to prioritize care and anticipate future needs.

Documentation Nurse (1):

The documentation nurse is responsible for recording of all patient event activities during the simulation with the exception of medication administration. You are responsible for documenting within SimChart® assessments, interventions, and outcomes on the designated tool (paper or electronic). Be prepared to read back and verify your documentation when requested and/or clarifying the details. Additionally, you will be part of the interdisciplinary team and will contribute observational assessment findings to include but not limited to changes in vital signs, alerts, psychosocial needs, and anticipated care.

Assessment Nurse (1):

The assessment nurse is responsible for overseeing a comprehensive assessment of the patient. This includes but is not limited to obtaining vital signs, head-to-toe assessment of all systems, and psych/social assessment of the patient. You will be prioritizing care, executing independent interventions, collaborating with interdisciplinary team members, anticipating the needs of the patient/family, and re-assessing or continually monitoring the patient for any changes in condition. You are responsible for implementing all non-medication related interventions, verbalizing your findings to the team, and recommending any actions/interventions required. Additionally, you will be providing appropriate education to the patient and family/significant others.

Medication Nurse (1):

The medication nurse is responsible for all actions and documentation related to safe administration of medications. You will identify and correct any medication errors related to prescribing or distribution. This may include speaking with the physician or primary care provider. Prior to administering medication, you will assure the "Rights of Medication Administration". You must be knowledgeable regarding the action and expected effects of the medications being administered and are responsible for monitoring and reporting any adverse reactions or unforeseen consequences of administration. Part of your role includes verifying medication calculations with a colleague and identifying any incompatible drug combinations.

Observer Nurse:

The observer is a non-participant role and will not communicate directly with the simulation team. The observer nurse will view the simulation in the briefing room through Learning Space as it is occurring. There may be multiple observer nurses in each scenario. The observer nurse will be given an observation guide to complete during the simulation. The data you collect will help the team during the debriefing process and facilitate an open and active discussion regarding the simulation experience. You will be an active participant in the debriefing and will be encouraged to share your observations and thoughts. Please keep in mind that your observations should be conveyed in a respectful, educational manner. The goal is to work together as colleagues in providing safe and effective care.

COURSE OUTCOMES

The NR324/NR 329* Standardized Simulation enables the student to meet the following priority course outcomes:

- Provide effective professional nursing care for adult patients and their families in acute care settings using the nursing process (PO 1)
- Participate in health maintenance and health restoration activities as members of the health care team (PO 2)
- Apply critical thinking strategies to make good clinical decisions in the adult patient clinical setting (PO 4)

*****Although this scenario can address multiple course outcomes, faculty and students should focus on the course outcomes listed above*****

DUE DATE:

The standardized simulation should be conducted anytime during Units/Weeks 3-8 to ensure students are prepared to meet the objectives.

SIMULATION TIMING

- Pre-brief: 10-12 minutes
- Run Time: 15-20 minutes
- Debrief: 30-40 minutes

REVIEW AND COMPLETE PRIOR TO THE START OF PRE-BRIEFING

In order to prepare for the simulation, you should complete your assigned reading for the course. In addition, they should be prepared to complete and document a thorough nursing assessment along with completing the following skills:

- *Cardiovascular system alterations*
- *Respiratory system alterations*
- *Fluid & electrolyte imbalance*

Please keep in the mind you will also be required to recognize a variety of signs and symptoms linked to abnormalities in these skills. Therefore, in order to prepare for the simulation, please review the items below and submit to faculty facilitating the simulation prior to the start of pre-briefing. If you do not complete the pre-briefing questions below and submit to faculty facilitating the simulation prior to the start of pre-briefing, you will **not** be permitted to participate in the simulation.

1. What are the nutritional implications, key assessment findings, and nursing interventions for a patient with hypokalemia?
2. What are the signs and symptoms of digoxin toxicity and how would the nurse assess for these symptoms? In your response, be sure to include specific body systems.
3. How would the nurse provide family-centered care?

****Immediately following the completion of debriefing, you will complete the evaluation of the simulation within Learning Space****