

SIMULATION SCENARIO DEVELOPMENT TEMPLATE

Scenario name: Orthopedic Patient
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Target audience: Undergrad Grad Other: Senior nursing students and above/nurse resident
Goal/Purpose: Focused assessment of ortho surgery patient, recognition of distended bladder.

Lab Set-up

Patient simulator/Task trainer: SimMan
Patient characteristics: Gender: M. Race: Caucasian. Weight: 190#. Age: 78. Height: 5'8"
Vital parameters, beginning: BP 145/82, HR 92, RR 18, SP02 94% on RA, Temp 37.2 C
Environment/setting/location: Inpatient Med-Surg Floor
Lab staff needed day of simulation: Resident nurse, preceptor nurse, MO, instructor, sim tech
Equipment, supplies & prop list: IV with fluid infusing, PCA and tubing, Foley catheter, firm distended bladder (SimMan set-up), dressing to right hip, Hemovac to right hip, SimMan (operating and playing patient role), patient chart (Past VS and I&O's).

Learning Objectives

Student will...

1. perform a morning physical assessment with additional focus on identified problems,
2. communicate abnormal findings using SBAR communication tool,
3. provide pain relieving measures as ordered, and
4. utilize the nursing process in the care of a patient with a right total hip replacement.

Student Preparation

Pre-requisite knowledge/activities:

1. Basic shift assessment skills
2. SBAR communication
3. Bladder scanner usage
4. Knowledge of patient controlled analgesia (PCA)

Clinical Case Information

Case description/Patient history (HPI, PMH, Social Hx, FH):

Reason for admission: Right hip fracture post fall. Surgery 2 days ago, right total hip replacement. recovering well.

HPI: Fell at Macy's and brought in by ambulance.

Attending physician: Dr. Clark

PMH: HTN, CAD, renal insufficiency

Family Hx: CAD, HTN, MI

Social HX: Married with 2 adult children, lives with husband, socially active in the community.

Medications and Allergies (MAR):

Lisinopril, 20 mg daily for HTN

Aspirin, 81 mg daily

Multivitamin, 1 tablet daily

No allergies

Actor Roles and Behavior Overview

Actor/Role – Brief overview of behavior during scenario

Resident Nurse: To perform early morning assessment

Preceptor Nurse: On floor as a resource

MO: On floor for orders

Sim Tech: voice of the patient.

Scenario Events and Expected Actions

Events in chronological order – Expected actions

Event (E): Nurse starts shift, assesses patient. When distended bladder is recognized, the patient minimizes her concerns about it. There is no urine in the Foley bag.

Expected student behavior: Perform shift assessment, check hip and Hemovac, check Foley/abdomen, recognize distended bladder. Student performs bladder scan that shows 750 mL. Calls physician with SBAR report.

Debriefing Points

1. Review debriefing rules and purpose (e.g., confidentiality).
2. How do you think it went?
3. What worked, what would you do differently?
4. Review the objectives and have student reflect on how well these were addressed.

References

Evidenced-based practice guidelines, protocols or algorithms used in creating scenario:

Based on general medical care (e.g., Elkins, Perry, & Potter, Fundamentals of Nursing).

Key Words:

Med-Surg, orthopedic, hip replacement, THA, bladder distension, urinary catheter, SBAR