

Simulated Clinical Experience (SCE™) Overview

Location: Medical-Surgical Unit

History/Information:

The Patient is a 21-year-old male who was admitted to the hospital two days ago after being seen in his healthcare provider's office for complaints of vomiting, malaise, headache, generalized body aches, and fever. He was unable to keep any food or fluids down and his temperature was 40°C for the past two days. Because he is attending college and living in an apartment with five other friends, away from home, the healthcare provider admits him for hydration. He has no history of medical problems, has never had surgery, takes no medications, and has no allergies. He does not smoke, drink, or use illicit drugs.

Healthcare Provider's Orders:

Activity as tolerated

Clear liquids, advance diet as tolerated

IV of 0.9% NS at 150mL/hour

Promethazine 25mg IV/PR every 4-6 hours prn nausea, vomiting

Acetaminophen 650mg PO/PR every 4 hours prn fever, achiness

Learning Objectives

1. Recognizes the need for isolation precautions to be initiated based on history (ANALYSIS).
2. Identifies the appropriate personal protective equipment (PPE) for the healthcare provider (KNOWLEDGE).
3. Demonstrates appropriate use of PPE (COMPREHENSION).
4. Conducts an appropriate physical assessment of the patient (APPLICATION).
5. Develops a care plan for the patient who is a casualty of bioterrorism (ANALYSIS).
6. Demonstrates communication techniques that help to alleviate anxiety, fear, and panic (APPLICATION).

Questions to Prepare for the Simulated Clinical Experience

1. Identify and describe the following types of isolation. What precautions must the nurse take with each?
 - a. Airborne
 - b. Droplet
 - c. Contact
2. What personal protective equipment should a nurse use when providing routine cares for each of the isolation types?
3. Can a patient in isolation have a roommate? Explain your answer.
4. Describe small pox. What is the pathophysiology, signs and symptoms, treatments, and complications associated with this disease?
5. Describe the evolution of small pox in an infected host. When is the person no longer considered contagious?
6. What is the treatment for small pox?
7. Discuss the pharmacodynamics of antiviral medications.
8. What agencies should be notified when a person with a communicable disease is treated in the hospital?
9. Are there privacy related concerns when an outside organization is notified of a patient's condition? What does HIPAA say about this?

References

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