

EDUCATIONAL RATIONALE

This scenario is designed for nursing students in a Fundamentals of Nursing or equivalent introductory course, and addresses learning objectives that focus on fundamental nursing care concepts. The scenario encourages the participants to assess and manage the patient, identify and prioritize basic patient problems, and perform key interventions for safe and effective patient care. The scenario is mapped to the 2016 NCLEX Test Plan Categories for easy integration into nursing curriculum. The learning objectives and case study provide a high degree of fidelity within the simulation, and facilitate the post simulation debriefing using the Quality and Safety Education for Nurses (QSEN) competencies.

LEARNING OBJECTIVES

Upon completion of the simulation, the student will be able to:

GENERAL:

- ☐ Assess patients to recognize normal versus abnormal findings
- ☐ Respond to changes in patient status
- ☐ Assume accountability for the plan of care with focus on prioritization, implementation, and evaluation
- ☐ Use standard precautions when caring for the patient
- ☐ Ensure patient and healthcare provider safety
- ☐ Collaborate appropriately with the healthcare team in a timely, organized, and patient-specific manner
- ☐ Use critical thinking when making clinical judgments and decisions
- ☐ Establish a therapeutic environment for the patients and their families
- ☐ Use therapeutic communication techniques in a manner that illustrates caring for the patient's overall well-being

SCENARIO SPECIFIC:

- ☐ Recognize signs and symptoms of chronic venous insufficiency
- ☐ Interpret a Braden Scale score
- ☐ Assess the size and appearance of a venous stasis ulcer
- ☐ Interpret laboratory results and their relationship to skin integrity
- ☐ Perform a simple dressing change
- ☐ Provide patient education on measures to improve venous return and prevent venous stasis ulcers

RECOMMENDED PRE-SIMULATION REQUIREMENTS

Prior to simulation, the students should be familiar with the following topics:

- Antiembolism stockings
- Braden Scale
- Chronic venous insufficiency/venous stasis ulcers
- Dressing change
- Labs: BMP, CBC, total protein, albumin, and prealbumin
- Wound assessment

SUGGESTED READINGS

Albumin level test. Lippincott Advisor, Wolters Kluwer Health. Available from <http://lippincottsolutions.com/solutions/advisor>

Albuterol/ipratropium inhalation spray. Lippincott Advisor, Wolters Kluwer Health. Available from <http://lippincottsolutions.com/solutions/advisor>

Antiembolism stocking application, knee-length. Lippincott Procedures, Wolters Kluwer Health. Available from <http://lippincottsolutions.com/solutions/procedures>

Aspirin. Lippincott Advisor, Wolters Kluwer Health. Available from <http://lippincottsolutions.com/solutions/advisor>

Craven, R., Hirnle, C., Jensen, S. (2016). *Fundamentals of Nursing: Human Health and Function*, 7th Ed. pp 929-33, 935-47, 956-57, Philadelphia: Wolters Kluwer Health

Hydrocodone bitartrate–acetaminophen; hydrocodone/acetaminophen tablets and capsules. Lippincott Advisor, Wolters Kluwer Health. Available from <http://lippincottsolutions.com/solutions/advisor>

Hydrocolloid dressing application. Lippincott Procedures, Wolters Kluwer Health. Available from <http://lippincottsolutions.com/solutions/procedures>

Lynn, P. (2015). *Taylor's Clinical Nursing Skills*, 4th Ed. pp 399-405, 401-04, 425, Philadelphia: Wolters Kluwer Health

Prealbumin test. Lippincott Advisor, Wolters Kluwer Health. Available from <http://lippincottsolutions.com/solutions/advisor>

Prevention Plus. Home of the Braden Scale, (2016), Available from www.bradenscale.com

Skin assessment, long-term care. Lippincott Procedures, Wolters Kluwer Health. Available from <http://lippincottsolutions.com/solutions/procedures>

Taylor, C., Lillis, C., & Lynn, P. (2015). *Fundamentals of Nursing: The Art and Science of Person-Centered Nursing Care*, 8th Ed. pp. 954-90, 994-95, 1049-53, 1070, Philadelphia: Wolters Kluwer Health