HOW TO OBTAIN CONTACT HOURS BY READING THIS ISSUE

Instructions: 2.3 contact hours will be awarded for this activity. A contact hour is 60 minutes of instruction. This is a Learner-paced Program. Vindico Medical Education does not require submission of the quiz answers. A contact hour certificate will be awarded 4-6 weeks following receipt of your completed Registration Form, including the Evaluation portion. To obtain contact hours:

1. Read the article: “Using High-Fidelity Simulation to Develop Nurse-Physician Teams,” on pages 347-357, carefully noting the tables and other illustrative materials that are provided to enhance your knowledge and understanding of the content.

2. Read each question and record your answers. After completing all questions, compare your answers to those provided within this issue.

3. Type or print your full name and address and your Social Security number in the spaces provided on the Registration Form. Indicate the total time spent on the activity (reading article and completing quiz). Forms and quizzes cannot be processed if this section is incomplete. All participants are required by the accreditation agency to attest to the time spent completing the activity.

4. Forward the completed Registration Form with your check or money order for $20 made payable to JCEN-CNE. Payment must be in U.S. dollars drawn on a U.S. bank. CNE Registration Forms are accepted up to 24 months from date of issue.

Vindico Medical Education is an approved provider of continuing nursing education by the New Jersey State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. P188-6/09-12.

This activity is co-provided by Vindico Medical Education and THE JOURNAL OF CONTINUING EDUCATION IN NURSING.

Objectives: After studying the article, “Using High-Fidelity Simulation to Develop Nurse-Physician Teams,” in this issue, the participant will:

1. Identify the benefits from high-fidelity simulation training after nurses and physicians have returned to their environments.

2. Describe the strategy to enhance the safety climate in the medical-surgical unit.

3. Identify nontechnical skills that foster and enhance the culture of safety.

4. Discuss generational influences that may affect the learning needs of high-fidelity simulation participants.

doi:10.3928/00220124-20110722-05

Using High-Fidelity Simulation to Develop Nurse-Physician Teams

1. The high-fidelity simulation learning environment includes which of the following:
   A. Mannequin with realistic physiological responses.
   B. Unoccupied patient care unit.
   C. Sterile medical equipment.
   D. Alarms and cues to identify safe practices.

2. A strategy described in the current literature to improve communication and teamwork is:
   A. Independent study.
   B. Learning in a single discipline cohort.
   C. Scenarios or case studies.
   D. Online tutorials.

3. Nontechnical skills that enhance a culture of safety are:
   A. Communication, leadership, and situational awareness.
   B. Procedures such as changing an ostomy appliance.
   C. Identifying the correct placement of a peripheral intravenous line.
   D. The ability to change techniques when new products are provided.

4. Current research findings suggest that effective collaboration across disciplines has a relationship to:
   A. Longer hospital stays.
   B. An increase in reported medication errors.
   C. An increase in registered nurse job satisfaction.
   D. Personal pride in one's own discipline.

5. High-fidelity simulation training was used in this study to examine the effect on:
   A. Surgical robotic skills and evaluation of physician ability.
   B. Group cohesion and collaboration and satisfaction with making patient care decisions.
   C. Recognition of the deteriorating patient.
   D. Postoperative care of a patient with a cystectomy.

6. In this study, 2 months after high-fidelity simulation training, all participants showed a positive shift in group cohesion, as evidenced by:
   A. Higher patient satisfaction scores.
   B. Requests for transfers to cohorts’ units.
   C. Increased nurse-physician approval ratings.
   D. Improved teamwork.

7. An unexpected finding in this study was that:
   A. High-fidelity simulation provides a safe environment for learning.
   B. Health care organizations spend an increasing amount of resources on programs and projects to improve team communication and collaboration.
   C. High-fidelity simulation is a strategy to teach technical skills to physicians and nurses.
D. Younger study participants (Millennial Generation) reported the most marked growth—initial and sustained—across both study instruments.

8. **Which generation of participants sustained the most significant growth in response to the high-fidelity simulation training?**
   A. Traditionalists (born before 1946).
   B. Baby Boomers (born between 1946 and 1964).
   D. Millennials (born in the 1980s and 1990s).

9. **After simulation, participants’ increased collaboration and satisfaction with patient care decisions was likely the result of:**
   A. Their high-level clinical skills.
   B. Their satisfaction with the way decisions were made about patient care.
   C. A lecture series on postoperative patient care.
   D. Multidisciplinary rounds in the patient care unit.

10. The authors propose that the increased group cohesion and collaboration between nurses and physicians after high-fidelity simulation training may be associated with:
    A. The ability to practice technical skills in a safe environment.
    B. Participants’ use of nontechnical skills on their inpatient surgical units, enhancing a culture of safety.
    C. Participants’ involvement in scenario learning in a high-tech environment.
    D. Designated time away from the inpatient surgical unit.

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**CNE QUIZ ANSWERS**

1. A  6. D
2. C  7. D
3. A  8. D

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**EVALUATION**

Must be completed for contact hour certificate to be awarded.

1. The content of the article was accurately described by the learning objectives:
   YES ☐ NO ☐
   • Identify the benefits from high-fidelity simulation training after nurses and physicians have returned to their environments.
   • Describe the strategy to enhance the safety climate in the medical-surgical unit.
   • Identify nontechnical skills that foster and enhance the culture of safety.
   • Discuss generational influences that may affect the learning needs of high-fidelity simulation participants.

2. The content met my educational needs. ☐ ☐
3. The content was relevant to my nursing practice. ☐ ☐
4. How much time was required to read the article and take the quiz? 140 min
5. Please list the topics that you would like to see future activities address:__________________________