Examining the Use of a Digital Clinical Patient in the Online Classroom Environment

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Background

Advances in graduate nursing education:

– Greater access through online delivery
– Laboratory implementation of high fidelity simulators
– Increased faculty and student engagement through innovative technologies
Challenges

Faculty must provide opportunities online for their students to prepare students for the valuable time spent face-to-face in resource-intensive clinical laboratories.
Turn Challenges into Opportunities

The digital clinical experience help students to:

- Effectively apply advanced health assessment skills and techniques
- Further develop diagnostic reasoning and skills
Digital Clinical Experience
Opportunities

Numerous advances have been made in graduate nursing education curriculums across the United States including:

– Greater access through online delivery
– Laboratory implementation of high fidelity simulators
– Increased faculty and student engagement through innovative technologies
Overview of Course

1. Demonstrate advanced knowledge of health assessment

2. Apply concepts of clinical decision making and diagnostic reasoning

3. Generate complete for complete, focused, and specialized clinical examinations
   - health history
   - physical exam
   - differential diagnoses
Overview of Course

- Background of Students
  - Mean age, 30 years (range 24-58 years)
  - Nursing experience (range 1 year-30 years)
  - Technology literacy and illiteracy
- Course approach offered online and hybrid
  - 30 mandatory lab hours
  - Hybrid recommends students attend every other week for 2 hours
Course Requirements

• Required Texts:

• Required Software:
  – Create account by visiting https://app.shadowhealth.com/
History
Module 1

Learning Objectives
- Investigate Tina Jones' comprehensive health history
- Complete focus notes on Tina Jones' chief complaint and health history
- Address questions concerning advanced clinical concepts related to the module
- Write self-reflections after completing exam
- Review and submit results to instructor for feedback

Conduct a History exam by evaluating:
- Chief complaint (CC)
- History of Present Illness (HPI)
- Medications (Meds)
- Allergies (ALL)
- Past Medical History (PMH)
- Surgical History (Surg)
- Immunizations (1mm)
- Social History (SH)
- Safety
- Family History
- Spiritual History
- Review of Systems (ROS)

> (Click to see speech.)
[Click here to type questions to Tina.]
HEENT
Module 2

Learning Objectives
- Perform a complete HEENT exam of Tina Jones
- Complete focus notes on Tina Jones' HEENT exam
- Address questions concerning advanced clinical concepts related to the module
- Write self-reflections after completing exam
- Review and submit results to instructor for feedback

Conduct a HEENT exam by evaluating:
- Head
- Neck
- Eyes
- Ears
- Nose
- Throat
- Lymph nodes

[Click here to type questions to Tina.]
Brian
Brian
Esther
Assessing Students of DCE

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<th>For</th>
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<th>Until</th>
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Total Points: 15
Comments or Questions?