Transforming a Written Clinical Assignment into a Digital Interactive Clinical Experience

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Learner Outcome

The learner will be able to transform existing clinical assignments into digital interactive clinical experiences.

Conflict of Interest Disclosure

Dr. Cheryl Tucker reports no financial interests or potential conflicts of interest.

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Louise Herrington School of Nursing

❖ One of eleven colleges and schools of Baylor University located in Waco, Texas

❖ The school of nursing is located in Dallas, Texas

❖ 850 undergraduate students

❖ 50 graduate students

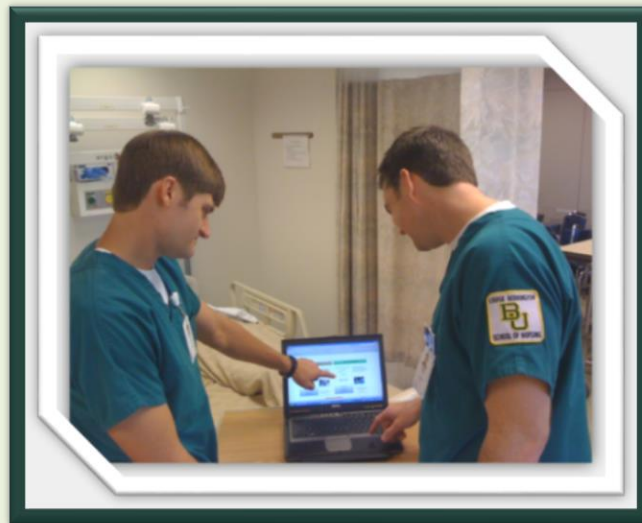(Baylor University Louise Herrington School of Nursing, 2017)

Background

❖ Inaugural 2018 AACN-Apple Digital Innovation Bootcamp: From Concept to Action

❖ Learner-centered, active learning strategies are more effective and engaging learning tools (Scheckel, 2016)

Transitioning the Learning

❖Written clinical assignment

❖Digital interactive clinical experience

Digital Interactive Clinical Experience

- ❖ Clinical experience started at 0630 and continued throughout the six hour clinical day
- ❖ Clinical decision making developed through
  - ◆ Clinical scenarios with video vignettes
  - ◆ Safe clinical reporting
  - ◆ Medication administration
  - ◆ Concept map creation

Digital Interactive Clinical Experience

❖ Concepts reviewed

- ◆ Pathophysiology

- ◆ Typical clinical manifestations

- ◆ Usual drug therapy

- ◆ Diagnostic studies

- ◆ Interprofessional care

- ◆ Nursing management

Digital Interactive Clinical Experience

❖ Measurement of student success

◆ Points earned throughout the interactive clinical experience

◆ Students allowed to attempt digital learning activity multiple times

◆ Passing score 71% or higher

Digital Interactive Clinical Experience

❖ Nearpod for Higher Education App used in development of experience
❖ https://nearpod.com/nearpod-for-higher-ed
❖ Designed to work on most platforms and devices
  ◆ Students engage by:
    • Responding to polls
    • Posting to a collaborative board
    • Drawing concept maps
    • Responding to multiple choice, fill in the blank or short answer questions

Conclusion

❖ Students take responsibility for their learning by

- ◆ Formulating and refining clinical decision making skills

- ◆ Developing strategies for deeper analysis of the clinical experience

- ◆ Engaging in meaningful learning

(Bradshaw, 2017)

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