



Integrating E-Learning Materials into Nurse Practitioner Curriculum: Innovations and Options

This presentation is intended to introduce case-based learning to nursing faculty and to demonstrate how current users have augmented/enhanced the curriculum to stimulate critical thinking. It is also to provide participants with innovative learning strategies that can be applied across all NP programs.

Description of MedU:

- MedU is a suite of e-learning modules and cases originally designed for third year medical students, although they are being implemented in a number of Nurse Practitioner programs and other allied health professions.
- Cases and modules are designed to supplement traditional clerkship teaching and patient care activities, ensure comparable learning experiences across training sites, and assist in ensuring consistency and exposure to commonly encountered scenarios. The cases are designed and peer reviewed by medical educators.

Utilization of surgery modules in UMASS Nursing Program:

- GSN pilot integrated WISE-MD into Advanced Health Assessment
 - Aimed to improve transition of NP students from AHA to thinking on their feet in precepted clinical experiences.
 - Participants were randomly assigned: control group & intervention group
 - Found that integrating e-learning modules helped with clinical decision making and understanding the rationale for exam techniques
 - Faculty found modules to be an easy addition to advance health assessment
 - Next steps at UMASS: utilize modules for remediation; measure student process

UNH has been using Family Medicine and Pediatric cases for three years (widespread integration)

- Used in all three semesters of clinical practical, all cases are assigned and graded for completion.
- Exams are given on the virtual patient cases
- Used to develop clinical reasoning skills and for in-class discussions
- High satisfaction by students and faculty
- Fosters self-directed learning and independent study
- Using e-learning cases compliments traditional classroom instruction
- Helps to reduce burdens on training resources (clinical faculty and patients)



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