Tips and Tricks: Engaging Students in Virtual Clinicals

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Note: Today’s presentation is being recorded and will be available on the Sigma Repository in 48 hours.
Learning Objectives

1. Discuss one resource for supporting virtual clinical simulation implementation
2. Describe at least two ideas that can be implemented in a virtual clinical simulation
Presenters

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Using Virtual Clinical Experiences at the Undergraduate Level

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Basic Knowledge

• INACSL Standards of Best Practice: Simulation℠
  • Design
  • Debriefing

• SSH Healthcare Simulation Dictionary 2nd Ed.
  • Virtual Reality
  • Virtual Patient
  • Virtual World
  • Augmented Reality
  • Computer Based Simulation
  • Screen Based Simulation ...


Telepresence/Computer Based Simulation

- Scenario prior to COVID-19
- Plan after students move to online platform
- Need for clinical/simulation hours
- Moving forward to meet the demands
- Different virtual platforms
Virtual Clinical Learning

Multiple vendors, many being responsive to COVID-19 pandemic by offering free or discounted products. Contact them.

- Search for meaningful INTERACTIVE activities to engage the learner
- Review to see what best fits objectives of specific encounter
- Build each educational encounter focused on objectives creating meaningful learning experiences

INACSL COVID-19 Virtual Learning Resource List
Remote Skills Training

SimuMed Portable Sim Kit

https://www.shadowhealth.com/
Using Virtual Clinical Experiences at the MSN Level

Angela Owens, DNP, RN, CCRN-K
• Experiences appropriate for the Graduate level

• Different educational tracks:
  Nurse Educator
  Nurse Executive
  Nursing Informatics
Sample Scenarios

COVID-19

Inpatient Insulin-Pump Therapy

Service Animals

LGBTQ Awareness
Other Simulation Scenarios

• Off the shelf scenarios
  Develop milestones and deliverables associated with the scenarios

  Map to Course and Program Outcomes
Simulated Implementation for DNP Student Projects During a Pandemic: A Rapid Cycle Approach

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Objectives

• Summarize the contingency plan for simulated implementation of the DNP student project

• Describe enhanced supports for the DNP student aligned with the contingency plan
Contingency Plan – A Rapid Cycle Approach

• **WHAT** – A rapid cycle response by a DNP academic team to suspended clinical sites for student projects
• **WHO** – DNP students ready to enter practicum courses; Students supported by a transformational leadership team
• **WHEN** – March of 2020 during the evolving COVID-19 pandemic
Contingency Plan – A Rapid Cycle Approach (Cont.)

• **WHERE** – Clinical projects transitioned to virtual implementation

• **WHY** – Provide a robust academic alternative to meet program outcomes and align with accreditation standards

• **HOW** – Through team effort, flexibility and frequent transparent communication based on the goal for high-quality student outcomes and *Chamberlain Care®* values
Contingency Plan Details

• Four Practicum Course

  – **First course**: Proposal development (deliverable unchanged)

  – **Second course**: IRB-Predetermination process; literature synthesis (deliverable unchanged)

  – **(NEW) Third course**: Simulated implementation – weekly case study presentations, discussion with peer and faculty; cohorts mixed with students implementing and virtual; intense weekly reflective journal and debriefing

  – **(NEW) Fourth course**: Integrative research manuscript based on the evidence-based intervention used for the simulation
Supports for the DNP Student Aligned with the Contingency Plan

• Course design for practicum lends to one-to-one student engagement, mentoring and *Chamberlain Care*®; Preceptors were encouraged

• Original PICOTs or COVID-19 PICOTs drove the project designs

• Cost-controlled statistician consultation in first practicum course

• COVID-19 practicum hours aligned with DNP essentials

• Increased huddles and meetings by DNP team
References


Discussion/Q & A
Thank you for attending!

- We will send you an email in approximately 1 week that will include a link to the webinar recording and the process for completing the evaluation to obtain your CNE certificate.
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