



Remote Learning as an Innovative Tool for Teaching Clinical Competencies to Nursing Students: A Hybrid Model

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1



No disclosures to report

2



Objectives

- To describe the evolution of a hybrid baccalaureate maternity clinical course
- To discuss outcomes of the hybrid clinical model and recommendations

3



4



Mater atium necessitas

The mother of invention is necessity

- Documented 1519 in Latin and in English in the 16th ceinture: William Horman
 - Earliest documentation was Esop's Fables 14th century
 - **COVID** changed everything!

5



Clinical In Hospital Restrictions

Limited spaces to take students -> clinics, ER off-limits

- Limited number of students at one time -> 4 max
- 5 units were available to use
 - Mother-baby (3), labor & delivery, antepartum
 - Occasionally one mother baby unit closed due to low census
- Limited spacing -> 6 ft between individuals
 - Limited to 15 minutes in the room
- Patients were concerned about having students
 - potential for exposure

6



Transformation

Transform what we were doing

- Maintain our current curriculum – State Bd requirements
- Half groups of students in the hospital – each day
- Where to educate the other half of each group that weren't in the hospital?
- Thank goodness for the internet
- Enter -> Zoom

7



Hybrid Model

- Hybrid Model
 - Combination of In-hospital and Remote days
 - Online education
 - Websites, online quizzes, videos
 - Who to teach?
 - Running two clinicals
 - Graduate Faculty

8



Limited Spaces for Clinical

- Limited hospital admissions – some places COVID only
- Hospitals decreased admissions – no elective procedures
- Units were closed

9



Mixed types of Clinical Days

- Unexpected days out of hospital- units closed
- Running two clinical groups at once
- Two separate faculty groups
 - One remote and clinical instructors at the hospital
- At times we were running in-hospital, remote and replacement groups
- Expensive!

10



What We Learned

Students easily adapted to online education

- All groups get the same focused information
- Better preparation to be on the units

11



Decreasing Number of Registered Nurses

- Need to educate more nursing students
- Decreased number of clinical spaces available
- Same question – how to provide clinical education to students with out being on the clinical units

12



Adapt this Hybrid Model

Educate nurses with less time in the hospital

- Maintain competencies – the new AACN essentials
- Increase the simulation experiences

13



Use What Worked Best

Combination of remote days and in-hospital – max 50% simulation/multimedia education per term

- At the beginning of the term, take half groups in-hospital – other half online
- More one-to-one contact with instructor early in the term
- *“I felt like I could hit my feet to the ground running”*

14



Hybrid Model Adaptations

Decreased hospital space/clinical units availability

- Increased number of students in clinical per term
- Incorporates the clinical judgment model
- Maintain clinical competencies

15



Questions?

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16



References