

# Utilizing Virtual Simulation to deliver clinical education in a online environment

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# Introduction (Sarah)

- ▶ This presentation discusses how to deliver clinical education in an online environment in order to survive and "Rock the new normal." Web-based software, online tools, and tips will be discussed in how to integrate hands-on learning of nursing skills in a online environment. Also, how to structure a synchronous learning classroom utilizing these tools will be shared with participants.

# Evolve NCO 3.0 Skills (Cecille)

- ▶ Evolve.Elsevier.com
- ▶ NCO stands for Nursing Concepts Online.
- ▶ Demo [www.evolve.elsevier.com](http://www.evolve.elsevier.com)

# vSim (Cecille)

- ▶ <https://thepoint.lww.com/>
- ▶ Designed to simulate real nursing scenarios, vSim allows students to interact with patients in a safe, realistic environment, available anytime, anywhere.
- ▶ Interactive, personalized simulation experience for every student

# When are assignments due? (Cecille)

- ▶ Virtual Sim assignments are due the day they are completed by midnight.
- ▶ What is due?

# Case Studies and Zoom Breakout Rooms (Sarah)

- ▶ [Evolve.elsevier.com](https://evolve.elsevier.com)
- ▶ Student Case Studies

# Case Study Example (Sarah)

Jennifer is a first-semester nursing student who is studying the theoretical foundations of nursing practice. She learns that nursing theory is the foundation of nursing research, which builds the scientific knowledge base of nursing that is applied to practice. As more research is conducted, the discipline learns to what extent a given theory is useful in providing information to improve patient care.

Once Jennifer completes nursing school, she plans to obtain her master's degree in nursing research. Therefore Jennifer is interested in learning how components in a theory help drive research questions to improve nursing.

**1.1. Jennifer knows that \_\_\_\_\_ describe phenomena, speculate on why they occur, and describe their consequences.**

**1.2. Jennifer learns about the focus of nursing theories. Nursing theories focus on the \_\_\_\_\_ of nursing and nursing care.**

**1.3. Jennifer learns the difference between internal and external patient factors. Which of the following is an example of an external factor that affects the patient? (Select all that apply.)**

1. A. Change in health care policy
2. B. Increase in health insurance premium
3. C. Change in cognitive function
4. D. Increase in respiratory rate

# Structuring Class (Sarah and Cecill)

- ▶ 6 exams
- ▶ NCO Skills test Week 2-13 (except week 3,4,6)
- ▶ 2 Enlightenment Assignments
- ▶ Dosage Calculation tutorial
- ▶ Calculate with confidence
- ▶ Dosage calculation test
- ▶ Clinical grade:
  - ▶ checklists, simulation, head-to-toe assignment, teaching assignment, care plans, SBAR, nurses notes



## Conclusion (Sarah)

- ▶ In conclusion, we have learned to utilize vSim, NCO skills test, and Case Studies, to help deliver hands on clinicals in a covid world. We are “Rocking” teaching here at UNM Gallup.

Questions?

# References

- ▶ [thepoint.lww.com](http://thepoint.lww.com)
- ▶ [Elsevier.evolve.com](http://Elsevier.evolve.com)