

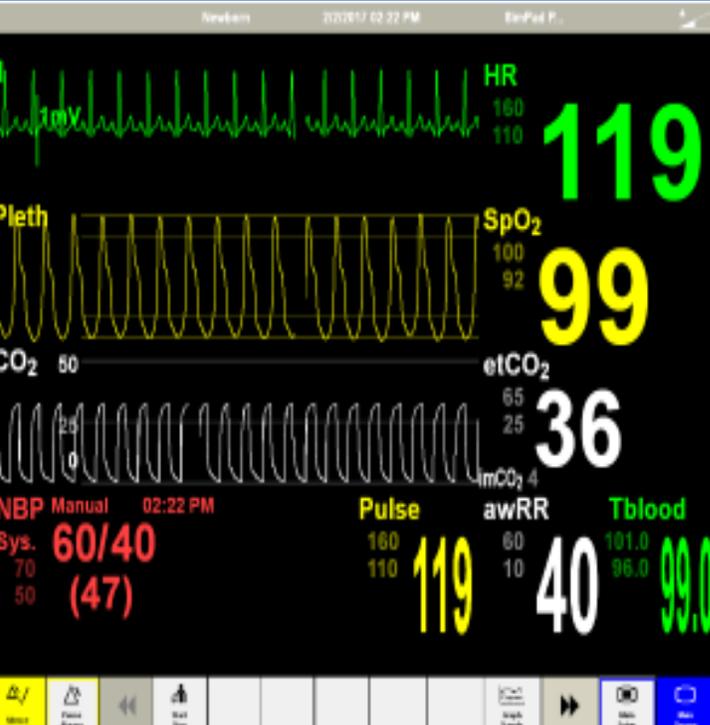


Healthcare Simulation & The Technology That Supports It

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Simulation Operations Coordinator

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Agenda

Meet the Presenter

What is Healthcare Simulation?

Why is it a good thing?

What types of Technology are involved?

What are the challenges?

Meet the Presenter

Roston Kirk is the Simulation Operations Coordinator at the UConn School of Nursing. As the Coordinator for the program, he is responsible for the technology, purchasing, scheduling and maintenance for all the Simulation Based Education in Storrs, as well as the Simulation spaces in Waterbury, Avery Point & Stamford.





Healthcare Simulation:

Definition • A technique that creates a situation or environment to allow persons to experience a representation of a real health care event for the purpose of practice, learning, evaluation, testing, or to gain understanding of systems or human actions



Why is Healthcare Simulation a good thing?

1

It fosters a sense of confidence in Nursing Students, as they get to handle complex and advanced situations that they are not allowed to do in Clinical Placements.

2

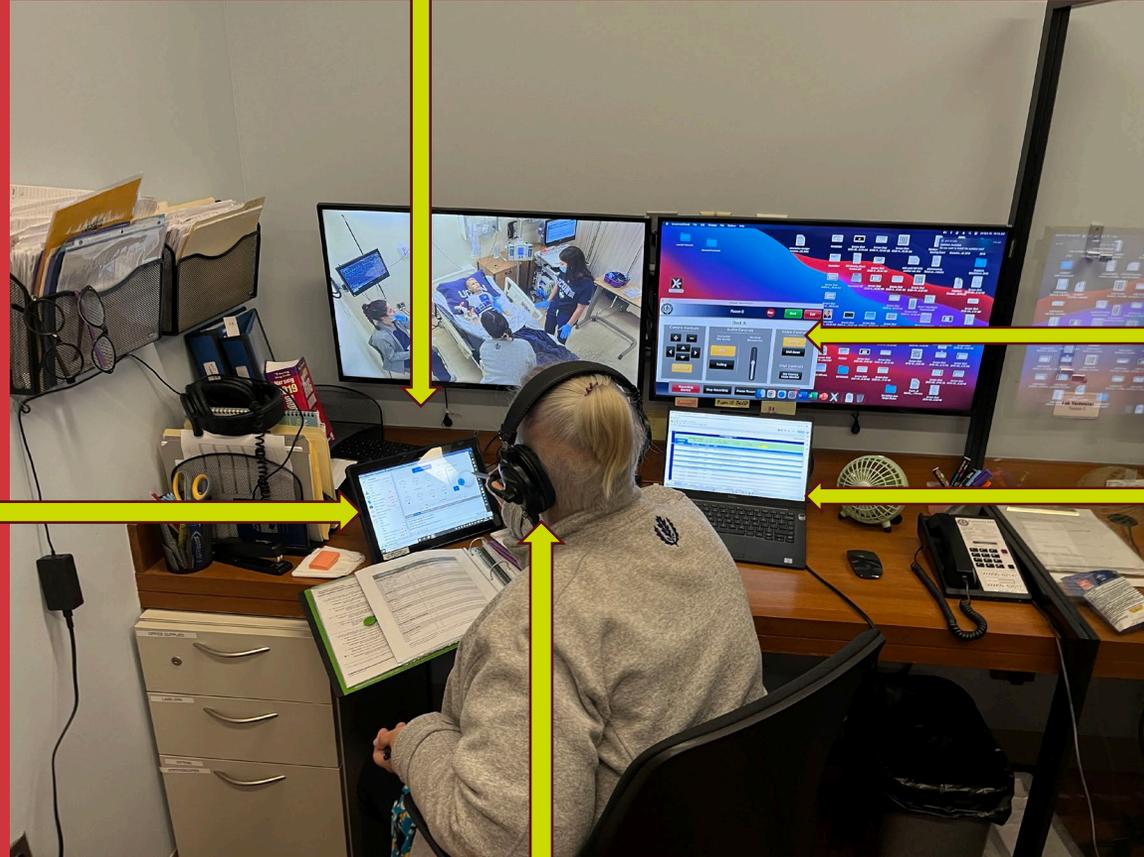
It allows the students to advance their skills in a safe environment, without putting real patients at risk.

3

As clinical placements get more and more challenging, Simulation allows Nursing Students to gain real clinical hours that count towards their NCLEX exam qualification process.

The Supporting Technology

Mac Mini



Surface Tablet
connected to
manikin via **RF
Module**

Crestron GUI

E.H.R. Laptop

Headset to talk as patient



AV RACK

Streaming Media Processors: Extron

Switcher & Processors: Crestron

Amplifiers, switches, etc...

Voice Modulator!

In the Simulation Room



Ceiling mounted Vaddio
Roboshot 30E PTZ
Cameras

Ceiling mounted 6.5" JBL
26CT Speakers



Ceiling mounted Classis
RM30W Cardioid Mics



And of course the
Simulators!

NCH

Healthcare
System

The Challenges.

1. Medical Terminology
2. Medical Hardware
3. Simulator Repair
4. Setup for Simulations



Thank you, UConn ITS!

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& Questions?

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