National telehealth Conference
Transforming Health Care Delivery and Academic Curriculum
Welcome!
Telehealth in Nursing Programs

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And Director of Research and Innovation,
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Through creative leveraging of technology, the College of Nursing will lead the transformation of healthcare in partnership informed by the people we serve.
Session Learning Outcomes

- Describe telehealth and the different ways that it is used in healthcare across the USA to provide person-centered care.

- Experience using telehealth equipment.

- Provide a summary of the development of Telehealth usage in the University’s College of Nursing’s curriculum.

- Illustrate the use of telehealth to mentor, evaluate and extend the connectedness of faculty, students & preceptors.
Transformation of Nursing & Healthcare

- Escalated push for home and community based care delivery.
- Continued shift toward person centered care delivery with self care emphasis.
- Increased involvement of families/significant others.
- Expected continuity of care partnerships, health coaching and case management.
- Expanded delivery outreach without additional human resources.
Nurses’ Role With Transformation to Home and Community Services

- Intraprofessional Team Work Vital
- Patient Centered Customized Care
- Medical Home Models
- Workforce & Patient Use of Technology Partnership
- Complexity of Care Increases
- Family Involvement Part of the Care Plan

*Intracollege ofnursing

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What resources are needed to make the transformation?

- Different competencies
- Quality of Care and Outcome Measures
- Delivery system overhaul
- Adequate workforce
- Extension of person through devices
A faculty – student combo simulation and remote presence robot research study conducted at Wright State University, Dayton, Ohio by principle investigator, Dr. Debi Sampsel, started the use of remote presence robotics in nursing academic settings.
Exploring the Possibilities of Technology Extenders

- Learn about Telehealth
- Conduct literature review
- Look at usage
- Evaluate research outcomes
Getting Started Using Telehealth Extenders

- Implement a Pilot – Testing hypothesis.
- Evaluate outcomes.
- Examine faculty’s and students’ acceptance rate using Telehealth as a clinical extender.
- Establish a criteria usage sheet.
- Compare device types and capability for future usage in course work.
Remote Presence Telehealth
Remote Presence Robot and Control Station
Other Types of Telehealth
Experiential Lessons with Telehealth

- Learning Stations Rotations for students to learn how to operate the Telehealth devices

- New training facility – Telehealth Education Center in a Clinical Translation setting where Innovative Interprofessional classes and Individual academic courses are conducted
Interprofessional Innovation Collaboratory
Simulation & Telehealth Great Practice Environment for Mastering Delivery Skills
Telehealth – Integration into the Curriculum

- Expertise in Telehealth
- Faculty Champion
- Undergraduate Capstone student
- Starting Level
- Combination Cognitive and Experiential Learning
Maple Knoll Retirement Village Learning
Locations for our UC students

UC - COM Geriatric Evaluation Clinic Location
Intergenerational Involvement with Telehealth on the Maple Knoll Continuum Care Retirement Campus
UC Intraprofessional Innovation Collaboratory Smart House at Maple Knoll Retirement Village, Springdale, Ohio, USA. Home of the Remote Presence Telehealth Equipment.

Education, Research, and Care Practice House
Intraprofessional team of Students using V-Go to Provide Patient Education
iPad Usage – Communication Device & Control Station
Tomorrow simulation will be used to teach the patient self home care.
Telehealth in Independent Residents Homes - Extending the Reach
More UC Student Learning Locations on Maple Knoll Retirement Village
Specific Case Study of Acute Nurse Practitioner Program Usage
Telehealth – Course Work Integration – Getting Started

- Alignment with Accreditation Requirements
- Literature Review
- Educational Session
- Student Paper presentations
- Experiential learning
- Advancement to Poster Presentations
Daniel Drake Medical Center – Telementoring – Clinical Placement

- Faculty Champion, Clinical Nurse Leader, and Researcher agreement
- Collaborative Practice with Hospitalists and Nurse Practitioner team
- Nurse Practitioner Student Placement
- Observation, Evaluation and Mentoring Experience
Thank you.

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