The Development of an Interprofessional Center for Telehealth Innovation, Training, and Research (C-TIER)

Carolyn M Rutledge PhD, FNP-BC, Tina S Gustin DNP, CNS, RN, Michele Bordelon MSEd
Old Dominion University School of Nursing and Telehealth Center

Introduction

- Telehealth is growing as a method of providing access to healthcare.
- Few academic programs have telehealth within curriculums.
- As a result graduates:
  - Lack awareness of telehealth possibilities
  - Are reluctant to use telehealth
  - Are unaware of how to start
  - Do not understand HIPAA and billing
- Vendors often provide onsite education. Generally focus only on the equipment
- It is essential that providers are prepared to implement this technology seamlessly into practice

Purpose

- Describe the development of the Center for Telehealth Innovation, Education, and Research at Old Dominion University (ODU)
- Outline program goals
- Discuss business structure
- Future directions

Overview of Project

For 9 years, ODU has been building telehealth programs for students in multiple professions

Goal: to educate healthcare students and providers use telehealth to connect with patients/other providers at a distance

Components:

"Home"- home-based care/remote monitoring

Didactics/Modules

- Choosing appropriate equipment
- Billing
- Regulatory issues
- Legal
- Starting a Program
- Telehealth Etiquette
- Running a visit

Strategies:

- Standardized Patients/Case Based
- Hands on experiences
- VGo Robot
- Home-Based monitoring equipment
- Medication dispenser
- Vision Screener
- Telehealth travel box
- iPhone adaptors
- Telehealth cart
- TytoCare
- Videoconferencing

Conclusion

- Center is open to students, faculty, and providers across the country.
- Curricular models for others programs
- Written into other Universities’ grants as a training center for students.
- Partnered with community hospitals to trial equipment (VGo/CHKD).
- Trains nursing, medical, pharmacy, PT/AT, mental health providers.
- Significant impact on increasing:
  - Understanding
  - Utilization
  - Collaboration

Future Directions

- Partnering with local businesses
- Learning /Equipment testing hub
- Multicenter research
- Partnering with Telehealth equipment/device companies