

eHealth & Telehealth for International Nursing

Claudia C Bartz, PhD, RN, FAAN
Suring, Wisconsin USA

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Presentation Outline

- ▶ Characteristics of telehealth clinicians
- ▶ “Telehealth” continuing....
- ▶ Discuss telehealth and telenursing
 - Readiness
 - Recipients
 - Research
 - Challenges

Future of Telehealth/eHealth?

Telehealth...eHealth

“Not a specialty but...”

Telehealth for Health

Goals of access, quality, less cost

With proliferation and integration of ICT:

Then remains: **Health & Health Care**

Clinician Characteristics– Worldwide

- ▶ Educated
- ▶ Research–based
- ▶ Innovative
- ▶ Brave
- ▶ Primary focus: care recipient

Telenursing Worldwide–Readiness

- ▶ Educated
 - Didactic
 - Clinical
 - Continuing education
- ▶ Adherent
 - Scope of Practice and Licensure
 - Standards and Competencies
- ▶ Experienced
 - Guided practice
 - Autonomous practice

Where are the telenurses?



Telenursing Worldwide – Recipients

▶ Who

- ▶ Patient(s)– Smits et al, 2015 cancer
 - Family – Bossen et al, 2015 dementia care
 - Client(s) Brindise et al, 2015 nurses in tele-ICU
 - Citizen(s)– van Houwelingen et al, 2015 home care

▶ Where

- Home – Kelly & Godin, 2015 home care elders
- Community – Taylor et al, 2015 community nurses
- Clinic – Due-Christiansen et al, 2015 diabetes
- Hospital/eICU – Williams et al, 2012 eICU care
- Schools – Reynolds & Maughan, 2015 children

Telenursing Worldwide – Research

- ▶ Support research
 - Participant/subject
 - Encourage colleagues
 - Attend conferences
- ▶ Carry out research
 - Principal investigator or team member
 - Know rules for human subject protections
 - Present and publish findings
- ▶ Apply research findings
 - Read journals/join journal clubs
 - Use findings in practice

Telehealth Challenges

- ▶ Ethical issues
 - Licensure, cross-border practice, regulation, scope of practice, competence, task-shifting, safety, privacy
- ▶ Keeping the ‘art’ of nursing and medicine
 - Assessments, risk-benefit analysis, decision-making, patient/client focus, empowerment
- ▶ Leveraging other specialties
 - Education, Research, Informatics, Engineering, Architectural design
- ▶ Integrating ICT advances
 - Resources, Technology, Training, Quality

Future?

- ▶ Provider numbers and distribution inadequate
- ▶ More elders
- ▶ More youth
- ▶ More people with non-communicable diseases
- ▶ More people with acute diseases
- ▶ More trauma
- ▶ Social unrest/migration/wars

Future? Telenurses Fully Integrated

- ▶ Providers: ***Nurses work to full scope of practice***
- ▶ Elders: ***Home and chronic care expertise***
- ▶ Youth: ***Educate, work in communities***
- ▶ NCDs: ***Manage care needs, meds, education***
- ▶ Acute Diseases: ***Triage, eICU staff, family care, rehabilitation, home care***
- ▶ Trauma: ***Triage, eICU staff, family care***
- ▶ Social unrest/migration/wars: ***Community care, all care levels for migrants and war victims***

Thank-you

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cbartz@uwm.edu