

A young woman living in a rural area with limited availability of therapists

After suffering a acquired brain injury, she is discharged to home.

An distant OT specialist meets with her via videoconferencing telehealth application

Opportunity Overview

Shortage of health care professionals due to population growth, aging, and chronic diseases

Disparity of quality of healthcare by location

According to USDA statistics, rural areas consist of all territory located outside of urbanized areas and urban clusters. The U.S. rural population was 59 million (21 percent) in 2000.

(http://www.ers.usda.ox/Frefro/Ruralty/WhattsRural/)

The therapist with videoconferencing telehealth application, can do the following:

- Consult with other specialists
- Evaluate and assess
- Progress therapeutic activities
- Provide caregiver support/education
- ADL retraining and modifications
- Care management

Opportunity Overview

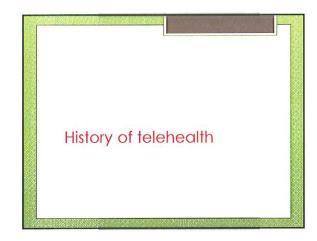
Vover 2.3 million Internet users or 77.3% of the U.S. population, according to International Telecommunication Union.

(http://www.internetworldstats.com/am/us.htm)

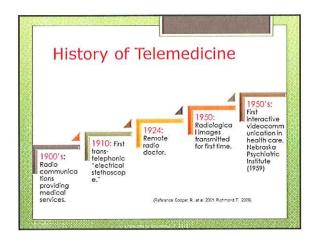
8 million people a day go online to research health care topics and products (Pew Internet and American Life Project)

Global Telehealth Market set to exceed \$1 Billion by 2016 (InMedica.com statistical report, 9/15/11)

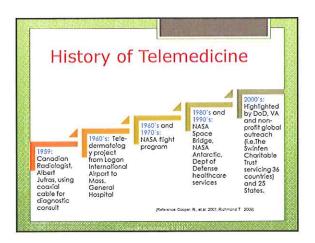




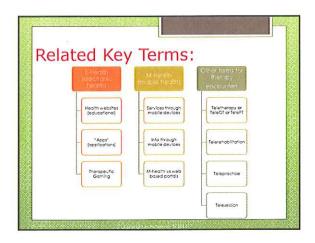


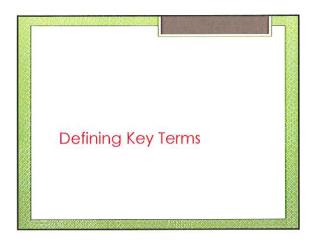










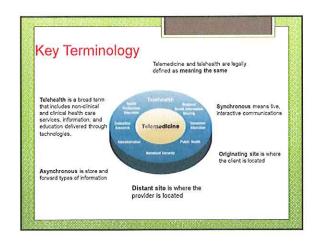


AOTA Definition of Telehealth*

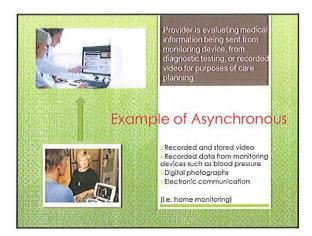
• As it relates to occupational therapy, telehealth is: "the application of evaluative, consultative, preventative, and therapeutic services delivered through telecommunication and information technologies."

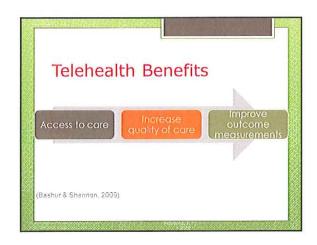
• New definition to include both synchronous and asynchronous technologies

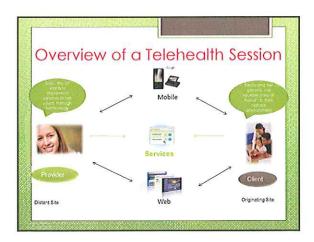
*Revised definition in Telehealth Position Paper currently under review



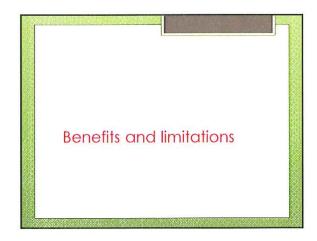


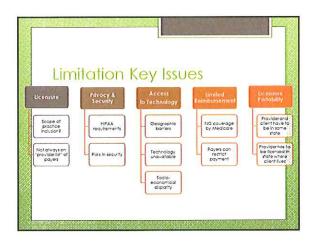


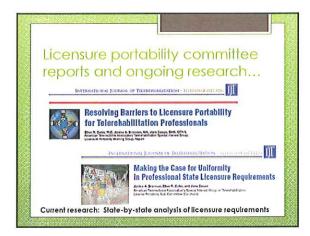


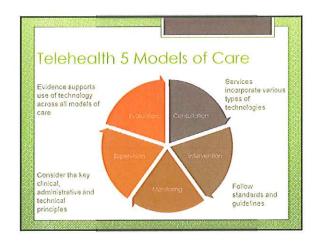












2013 Legislative Update

Federal Government

• At the end of 2011, the STEP Act was approved, allowing credentialed health care professionals in the Department of Defense to work across state borders without having to obtain a new state license. Look for proposals in 2013 to expand this provision to other federal programs.

• Rep. Mike Thompson (D-Calit.) has introduced legislation (HR 6719) that proposes major changes in state-based physician licensure, as well as expanded coverage in all federally sponsored insurance programs.

• CMS - Rules affecting accountable care organizations, meaningful use, medical homes and patient-centered care are only a few of the many areas that will be under discussion within the agency.



Evidence - Telehealth

Evaluation **Key Studies Evaluation tools** Functional Reach Test and Wheelchair prescription European Stroke Scale Fasto Caron Strong Goldren & Heller 2007 (Bartow, Uu, & Sekulin, 2009; Schein, Schmeler, Brienza, Saptono, & Parmanto, 2009; Schein, Schmeler, Holm, Saptono, & Brienza, 2010; Schein, Schmeler, Holm, Parmulia, Saptono, & Brienza, 2011); Skills and the Canadian Occupational Performance Neurological assessment (Savad Bostad Trachuck, Lauderdale & Concy, 2003) Measure (Drayer Drayer, Shize & Functional Independence Measure, Jamar Adaptive equipment Dynamometer, Preston Pinch Gauge, Nine Hole Peg Test, and Unified Parkinson's prescription and home modification (satisfall at 2007) Disease Rating Scale Home



