Supporting Elders’ Health with Information Technology

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Chronic Care Model

Changing Populations

Access to Specialty Care
Primary care - Chronic Illness
Cardiac
Arthritis
Diabetes

WY Elders’ Healthcare Needs

Wyoming Elders
Evolution

“Machines that fit the human environment instead of forcing humans to enter theirs”

Internet: Access to information, shopping, entertainment, communication with others

Technology Use to Support Elders’ Health

Does Technology Fit the Need?

Connecting to Others: Social Media

Social Media Landscape 2012
Devices: Assisting with basic physical abilities

Speech, Vision and Motor aids
Larger mice and keyboards
Dragon Naturally Speaking
Apple TV (larger screen)

Adaptive technology: Low => High Technology

Hearing Impairment

Visual Impairment

Speech Aids: Dragon Naturally Speaking
Fine Motor Movement

Medication Management

Home Monitoring

Monitoring Technology: Wandering GPS, Emergency & Caregiver Alarms

Telehealth Videoconference

Conclusions
"The most aggravating thing about the younger generation is that I no longer belong to it." - Albert Einstein