Innovative Delivery Models: Technology Assisted Healthcare

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Defining Telemedicine

Telemedicine is the use of medical information exchanged from one site to another via electronic communications to improve a patient’s clinical health status.

American Telemedicine Association 2014
Defining Connected Care

Connected Care is the real-time, electronic communication between a patient and a provider, including telehealth, remote patient monitoring, and secure email communication between clinicians and their patients.

Alliance for Connected Care 2014
Montana as a Leader

- Early adopters - 1993
- Montana Telehealth Alliance
- Northwest Regional Telehealth Resource Center  www.nrtrc.org
Clinical Applications

- Allergy
- Cardiology *
- Dermatology
- Oncology *
- Pulmonary
- Nephrology *
- Neurology
- Rheumatology *
- Infectious Disease
- Physical Medicine and Rehabilitation *
- CV Surgery Follow-up
- Endocrinology
- Remote Monitoring
- Tele home care
- Remote Diagnostics

- REI
- Genetics Counseling *
- Mental Health
- CD Treatment
- Diabetes Care
- Dietician Services
- Sleep Study Follow-up
- Geriatric Assessments
- EAP
- Burn Care
- Telepharmacy
- Wound Care
- Tele – stroke
- Pediatrics
- Telehospice
- Teleradiology
Considerations

• Technology innovation
• Technology generation
• Health system under pressure
• Provider shortage
• Montana – distance, time, regionalized resources
Value

- Increasing access to care
- Improved treatment compliance
- Collaboration and optimizing resources
- Patient centered care
Considerations

• Quality
• Patient Safety
• Cost Effectiveness
Innovative models

- Tele Emergency
- Remote ICU
- Remote Primary Care
- Remote Specialty Care
- E-Consults
- Patient Portals
- Remote Monitoring
- Remote Hospitalist
- Telepsychiatry
- Consumer Based Healthcare
Legal and Regulatory Issues

- Payment Models
- Licensure
- Credentialing and Privileging
Return of the House Call