Telehealth: Made for Alaska

Rebecca Madison
Executive Director
June 2016
Why does Alaska need Telehealth?

- **For the Patient**
  - Empowerment (additional choices)
  - Satisfaction
  - Decreases disparities
  - Increases health care provider availability
  - Decreases cost (time away from work and uncovered travel expenses)

- **For the Provider**
  - Reimbursement (innovative payment models) & Cost Effectiveness
  - Travel savings (especially important to Federal entities)
  - Collegiality / education
Use Cases

Provider to Provider Consultations
Diagnosis & Treatment
Education & Patient Engagement
Monitoring & Care Coordination

Modalities

Videoconference  Store & Forward  Remote Devices  Telephones  Patient Portals  Mobiles
EHRs, HIE and Telehealth

- Electronic Health Record (EHR) - in most provider offices
- Telehealth – provides cost effective tools for providers and patients
- Health Information Exchange – connects EHRs and Telemedicine tools for secure data exchange
- Direct Messaging – sends a single encrypted message directly from one provider to another
Technology Convergence

**Clinic to Clinician**
- Tele-specialty
- Virtual multidisciplinary conference
- eConsult
- eICU
- eED
- Telestroke

**Clinic to Patient**
- Virtual e-visits
- Primary/Urgent Care
- Virtual specialist consults
  - (e.g. teledermatology, telepsychiatry)
- Remote monitoring
- Virtual medication management

**Consumer Oriented**
- Mobile self-tracking apps
- Social media
- Epic MyChart
- Patient scheduling apps
- Personal activity monitors
- Quality and price transparency tools

Source: Sg2
Benefits of data coordination

- Timely access to records for providers and patients
- Improved care coordination across multiple organizations with different EHR and Telehealth systems
- Reduced costs for patients and payers
Telehealth in Alaska Today

Videoconferencing Psychiatry, Behavioral Health, Primary Care, Intensive Care, Urgent Care

Store and Forward Dermatology, ENT, Cardiology, Primary Care
AK Telehealth Applications

A SAMPLING:
- ANTHC/AFHCAN – Store & forward, Videoconferencing
- Providence AK – eICU, remote monitoring
- Rural Veterans Health Access Program
- Girdwood/Hope – Store & forward
Initially, Telehealth focused on innovation.

**Volume of innovation efforts**

*Last 10 years*
Today, a shift in value creation

Cumulative value creation—Last 10 years

Less than 2% of projects produce
More than 90% of value...

Source: Deloitte analysis
Cost Savings from other States

- Mississippi – home based, $189M
- Maine – surgical follow up, $2M
- New Mexico – home based hospital level care, 19% over inpatient costs
- Michigan – reduction in CT scans and chest x-rays
- Texas – prison visits, $780M
- Colorado – transportation, $100K/Yr
Real Alaska Savings

Annual Travel Savings (by Case Role)

- Primary Care
- Specialty Care

Savings in millions of dollars from 2001 to 2011
Collaboration in Alaska

- Professional Organization – Alaska Collaborative for Telehealth and Telemedicine (AKCTT)

**Mission:** The Alaska Collaborative for Telehealth and Telemedicine (AKCTT) is a statewide, non-profit, non-partisan forum committed to developing a coordinated, interagency approach to standardized telehealth care delivery in remote and urban Alaskan communities. AKCTT will facilitate efficient, effective, and aligned telehealth practices that reduce costs and improve access among healthcare providers.
AKCTT Objectives

- Advance Telemedicine and Telehealth in Alaska
- Promote Telemedicine and Telehealth education
- Monitor Telemedicine and Telehealth legislation
- Convene Telemedicine and Telehealth professionals
- Improve Telemedicine and Telehealth public image

http://akctt.webs.com/
Resources

- [http://alaska.providence.org/services/e/eicu](http://alaska.providence.org/services/e/eicu)
- [http://afhcain.org/](http://afhcain.org/)
- [http://dhss.alaska.gov/dph/HealthPlanning/Pages/veterans/default.aspx](http://dhss.alaska.gov/dph/HealthPlanning/Pages/veterans/default.aspx)
- [http://hsc.unm.edu/community/telehealth/common/docs/benefit-cost-analysis-article.pdf](http://hsc.unm.edu/community/telehealth/common/docs/benefit-cost-analysis-article.pdf)
QUESTIONS?

Rebecca Madison, Executive Director
rebecca@ak-ehealth.org
(907) 770-2626, x 5

http://www.ak-ehealth.org