Learn how telemedicine is an aid in helping rural community hospitals

December 2, 2015. Start time is 12:00 PM CST (1:00 EST)
Featured Presenters

**Telemedicine Policy:**
Updates & Opportunities

**Gary Capistrant**
*Chief Policy Officer*,
American Telemedicine Association

**Success Story:**
Connect rural patients with "big-city" specialists

**Allie Paquette**
*Application Analyst, Imaging & Clinical Systems*,
Baystate Health

**Telemedicine: the Future is NOW**

**Dr. Ana Maria Lopez**
*Associate Vice President for Health Equity and Inclusion*,
University of Utah Health Sciences Center
Telemedicine Policy:

How can telemedicine help keep rural hospitals from closing?

- Benefits from telehealth for rural hospitals
- Opportunities for Medicare to expand rural coverage

Gary Capistrant
Chief Policy Officer

American Telemedicine Association
Opportunities for Medicare to expand rural coverage

- Broaden coverage into metro area fringes, such as covering all critical access hospitals and sole community hospitals
- Allow follow-patient care for chronic conditions to avoid readmissions penalties and improve patient care management, such as video “house calls”
- Allow coverage for “store and forward,” such as for wound management
Recommended policy resources

American Telemedicine Association

- AmericanTelemed.org
- ATAwiki.org

Federal government

- HRSA.gov/ruralhealth
- HRSA.gov/telehealth
Success Story:

How to better connect rural patients with “big-city” specialists

- Find out how small community medical centers in rural Massachusetts are leveraging telemedicine technology
- Hear what medical specialties have benefited the most and why
- Learn new ways to standardize telemedicine equipment/choices
Background

- Baystate Health is a 5-hospital health system with 1 primary trauma center and 4 tertiary hospitals.

- Earliest telemedicine initiatives at the health system were for acute stroke.

- Through grant funding, efforts began to expand telemedicine services.
Scope

- Utilize telemedicine to provide specialist access to patients in tertiary locations
  - Minimize travel time and maximize efficiency of seeing patients for specialist physicians
  - Reduce the need for patients to travel out of their communities to the main hospital
  - Provide faster access to appointments for specialized care
- Reduce transfer of patients to Baystate Medical Center to improve patient experience and keep care in the local hospitals
Clinical Use Cases

- Neurology
- Cardiology
- Speech Pathology
- Psych
- Geriatrics/Palliative Care
- Critical Care
Telemedicine Equipment Solutions

Types of solutions

- Telemedicine carts with medical devices
- Video consultation only solution

Requirements

- Ease of use for physicians and tele-presenters
- Secure network connection

Technical requirements

- Wireless or wired solution at remote site end
- Device utilization for consulting providers
Other Considerations

- Clinical workflow
  - Inpatient vs. Outpatient consults
  - Scheduling
  - Communication
Standardization and Expansion

- Telemedicine use cases are rapidly increasing and clinical teams are coming in with new requests weekly.
- Our goal is to develop standard, packaged solutions.
  - Readily available for budgeting and quick request-to-implementation time.
  - Aid in support of expanding service area.
Telemedicine: the Future is NOW

- “Telemedicine”: concept is generally understood
- Different scenarios in a rural hospital/clinic setting where telemedicine is useful
- Ways to bundle services for follow up care, to allow for increased access to care
- A use case example of oncology follow up services from a distance with chemo delivered at local hospital
Telemedicine

In US,
64% own a smartphone
90% own a cell phone
70% shop online regularly
15% do not use the internet*

*Pew Research Center
Telemedicine to the Rescue of Rural Hospitals, December 2015

Video Calls

Telemedicine in the future:
Portable Telemedicine System:
the new Doctor’s Bag

- Examination Camera
- Video Conferencing
- Digital Stethoscope and Headphones
- Medical Devices: Otoscopes, VSM, ECGs, etc
- Wireless LAN Connection

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Telemedicine in the future: scenarios

http://www.forbes.com/sites/patrickmoorhead/2014/05/13/vidyo-gets-the-jump-on-next-generation-telemedicine/
Digital Mammography
Fetal Ultrasound
Telepathology

Arizona Telemedicine Program 2013
Teletrauma

© 2012, Arizona Telemedicine Program
TelePainClinic

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Telemedicine: bundling of services

- Helps reduce the anxiety of the “waiting game”

- Women’s health:
  - Telemammography
  - Telepathology
  - Teleoncology
Telemedicine: tele-oncology case scenarios

- Cancer prevention education, genetic counseling
- Early detection, diagnostic imaging: teleradiology
- Clinical consultation: surgical oncology, medical oncology, radiation oncology (review of planning at a distance), survivorship care, palliative care, end of life care
- Clinical trial education, consent
- Multidisciplinary tumor board
- Chart review/ECHO as a model of care.
Considerations for Technology & Equipment

- Environment of equipment
- Medical specialties
- Interoperability of equipment
- Training required of users
- Integration w/ existing IT
Types of Clinical Telemedicine Solutions

- Encounter Management Software
- Medical Devices & Equipment
- Telemedicine Systems & Mobile Carts
Contact Information

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Office of Health Equity and Inclusion
Thank You for Attending

- Archived presentation will be available in next few days.
- Follow up email will include link