Can you imagine what health care would look like if...

- clinical care was available anytime and anywhere
- clinicians could obtain consultations anytime and anywhere
- with medical centers of excellence anytime and anywhere
- homebound patients could be monitored remotely anytime and anywhere
- medical education programs were available anytime and anywhere

This is the potential of telehealth

The Need for Telehealth

- Clinician shortages
- Misdistribution of providers
- Rural/Urban underserved
- Aging population
- Travel time, cost & hardship
- Delayed treatment
- Language barriers
- Clinical education programs
- Administrative meetings
Telehealth Benefits

- Reduces barriers to access
- Increases efficiency for providers
- Reduces overall health care costs
- Reduces delays in care
- Retains resources locally
- Increases patient satisfaction
- Improves quality of care
  - Consultant and primary provider communication
  - Education to providers
- Improves health outcomes
- Virtual accessibility

Most Common Uses

- Clinical Services
- Educational Programming
- Administrative Meetings

Different Approaches for Various Needs

- Live Interactive
- Store and Forward
- Emergency Response
- Patient Education Kiosks
- Home Health Monitoring
- Educational Services
- Videoconferencing
Live Interactive Telemedicine

- Patient visits using videoconferencing where patient & provider are communicating in real time.
- Allows provider to assess patient using medical scopes adapted for image transmittal

- Specialty services
  - Dermatology
  - Urology
  - Psychiatry
  - Orthopedics
  - Neurology
  - Pain Management
  - Endocrinology
  - ENT
  - Rheumatology

Live Interactive Telemedicine

Can be applied in many situations and locations

- Outpatient Clinics
- Mental Health Centers
- Intensive Care Units
- Correctional Facilities

- Emergency Departments
- Emergency Transport Units
- Surgery Suites

Other Great Uses

For Live Interactive

- Dental Services
- Connecting friends & family
- Family Counseling
- Support Groups
- Patient education
- Administrative Meetings
Store and Forward
When a face to face visit is not necessary

Images are obtained at a local care center and transmitted for review by a clinician at a remote site
- Picture and history adequate for diagnosis
- Allows clinician to do work when convenient
- Maximizes use of clinician time

Home Health & Monitoring
Technology that supports monitoring of chronic conditions
- COPD – peak flow
- Diabetes

Provider & Patient Education
Allows clinical staff to participate in educational programs without leaving their communities
- Allows patients to receive health education and health counseling services.
Administrative Meetings

Administrators, providers and others in many locations can more efficiently hold administrative meetings.

Technology Alone Does Not Produce Success

Some success factors
- Clinical Champion
- Telehealth Coordinator
- Education and training
- Engagement of primary care providers
- Availability of services
- Technical and program support
- Stable technology
- Funding & reimbursement mechanisms

Challenges
- Reimbursement
- Physician Champions
- Institutional Buy-in
- Convenience
- Telecommunications
  - Costs
  - Trade-offs
- Program Sustainability
- Credentialing, Privileging & Accreditation
Established in 2006, funded by the Office for the Advancement of Telehealth

- Twelve regional centers
- One national technology assessment center - TTAC
- One national policy center - CCHP
- Collectively form a network of telehealth program expertise and experience
- Independently serve a designated region

Purpose:

- To assist in the development of existing and new Telehealth programs and applications through expertise sharing and organized technical assistance in a peer based, non-competitive, objective environment (technical assistance)

- To ensure federal and state investments are more effectively used through collaborative growth and opportunity development (leverage existing investments/expertise)
Telehealth Resource Centers

- Promote more effective delivery of Telehealth services through sharing of information and leveraging of developed resources across multiple Telehealth systems.

- Provide public awareness and marketing assistance to our member networks, regional providers and patients in order to enhance Telehealth availability and demand.

Who is gpTRAC?

- Equipment Options
- Practice Guides
- Program Design
- Reimbursement
- Business Models

Program Support & Assistance

- Assist health care organizations, networks and providers to implement cost-effective telehealth programs.

- Serve as a focal point for advancing the effective use of telehealth technologies.

✅ Equipment Options
✅ Practice Guides
✅ Program Design
✅ Reimbursement
✅ Business Models
Thank You!

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