

# History of Telemedicine & Telehealth

## Past, Present & Future

Vision: High Quality, Equitable, Healthcare that is independent of location

Trends & Events

Infrastructure & Equipment

- Remote radiographic 'reads' after hours
- Some Client Server
- Pioneers Of Telehealth
- PACS

### Last 10 Years

- Affordable Care Act
- Health Information Exchanges
- Accountable Care Orgs
- EHR roll out
- Remote Patient Monitoring
- Coaching
- Focus on Re-Admits
- TeleStroke
- TelePsychiatry
- TeleDermatology
- TeleOphthalmology

### Fast-forward to last year

#### Covid Hit

- Underserved and People of Color disproportionately impacted by COVID-19
- **Virtual:** Visits, Rounding, Triage, Patient Registration, Remote Interpreting, Observation, Testing, Vaccinating, Diagnosis, Treatment

### Present

- Extending Networks and Architectures
- Virtual Provider networks
- Transitional Care
- Collaborative team-based care
- Build out of flexible video enabled capabilities
- Solutions to address COVID-19
- Investment in Equitable Care
- Hospital (Virtual): Rounding, Triage, Patient Registration, Virtual Visits

### Moving forward

#### Equitable Care

- Access
- Patient Centered Care
- Remote Experts as a service
- Prevention and Wellness
- AI Enabled Physician Assistance
- BOT assisted services
- Care coordination

2010

2020

FCC Care 1

2021 Present

FCC Care 2  
ARP FQHC + LAL+ Capital DLT

Future

- T 1 lines
- Heavy, hard to move expensive carts
- Bulky expensive medical peripherals
- Fixed Video Location
- Broadband Access Issue
- Tablets
- YouTube
- Facebook
- Digital Explosion

- **Locations:** ICU, Patient Rooms, SNF's, FQHC and LAL's, CHC, Tents, Admitting, Hospital Entrance and H parking lots, Churches
- Video Platforms Simplified
- Camera/Speakers Improvements (1080p)
- Expanded Broadband
- Carts, Kiosks light weight, easy to position, affordable
- Medical peripherals small, lightweight, USB, Bluetooth

- **Multi-purpose carts for:** testing, vaccination, patient registration, diagnosis, treatment, follow up, transitional care, primary care, behavioral health, MAT, VRI (Video Remote Interpreting)
- Community deployment as needed via Mobile Vans

- Mobile & fixed care locations
- Flexible Architectures
- Community Based Care
- Small, light weight cameras, and medical peripherals
- Video platform agnostic kiosks and carts

### Healthcare anywhere, any time...