



Telemedicine Impact

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Telemedicine

Modalities

Services





Modalities

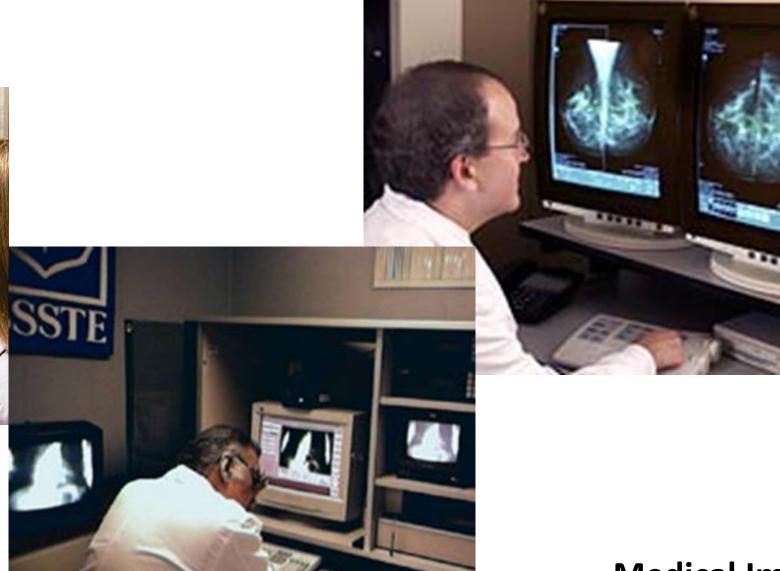
Visual Auditory "Talk is the treatment"





Teleradiology











Teledermatology





Medical Imaging





Otorhinolaryngology (ENT)







Medical Imaging













Modalities

Visual Auditory "Talk is the treatment"





Electronic Stethoscope









Modalities

Visual Auditory "Talk is the treatment"





Multiple Applications

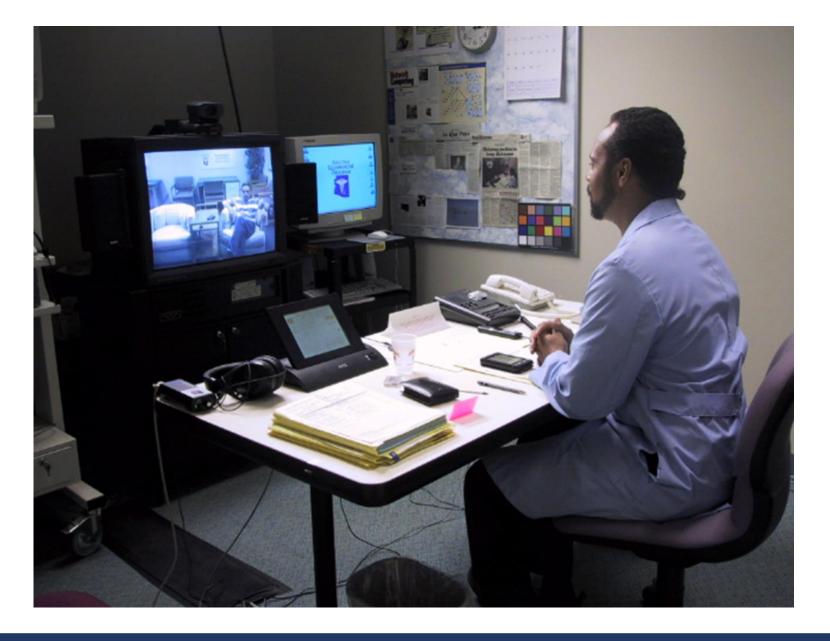
- Psychiatry/psychology
- Genetic & other counseling
- Pain management
- Nutrition (diabetes education)
- Support groups
- Hospice care







Telepsychiatry







Breast Cancer Survivor Support Group Training







































Telemedicine

Modalities

Services





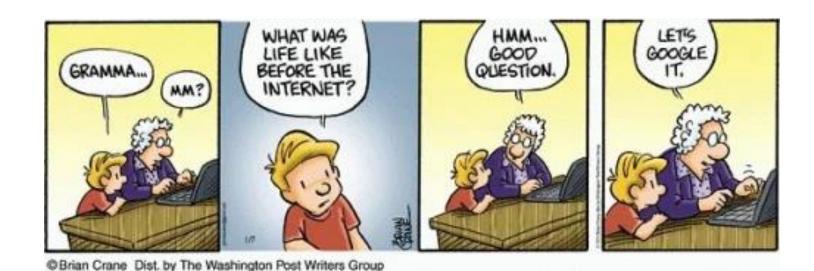
Pre-Internet Dominant

- Gap services teleradiology
- Urgent services telestroke
- Mandatory services ID

Post-Internet Dominant

Mobile Telehealth

Direct-to-consumer telehealth







Barrow Neurological Institute (PHX)





ResolutionMD mobile.





Demaerschalk B M et al. Stroke 2012;43:3098-3101







https://ihealthlabs.com/wireless-scales/ihealth-core/

WEARABLE/USABLE DEVICES













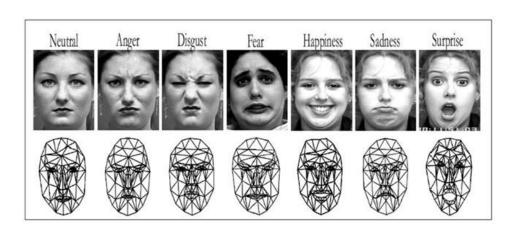


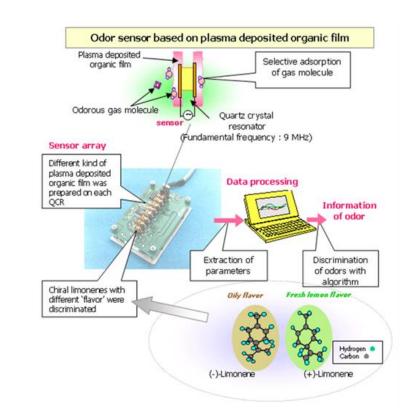


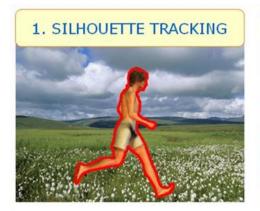










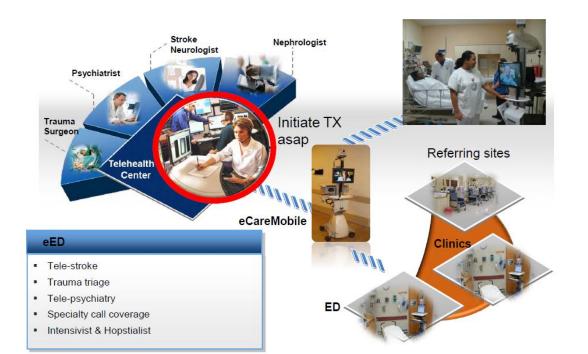


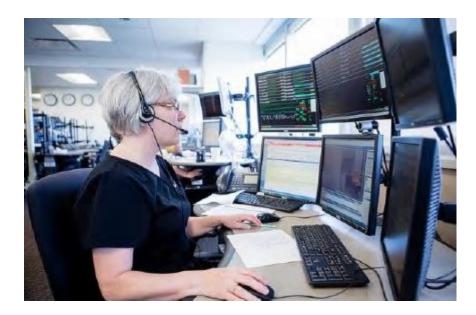






-- Emergency Medicine Telehealth Center --







Telemedicine Competencies

- Patient Safety and Appropriate Use of Care
- Data Collection and Assessment of via Telehealth
- Communication via Telehealth
- Ethical Requirements and Legal Requirements for Telehealth
- Technology for Telehealth
- Access and Equity in Telehealth









Didactic UAMS & UofA



Simulated Counselor



Simulated Patient



Observers

What Do Patients Think?

- Doctor.com survey
- 50% have used TM past 3 months
- Why not: 58% had no reason, 32% financial concerns, 18% tech
- 83% likely to use TM after COVID
- Terms preferred: 24% TM, 21% virtual visit, 18% TH, 16% virtual care, 12% remote visit, 10% telecare
- Preferred device: 68% mobile phone, 48% laptop, 28% tablet, 17% desktop

https://www.doctor.com/resources/telemedicine?utm_source=medical_economics&utm_medium=PR&utm_campaign=telemedicine_awareness&utm_content=telemedicine_reaources

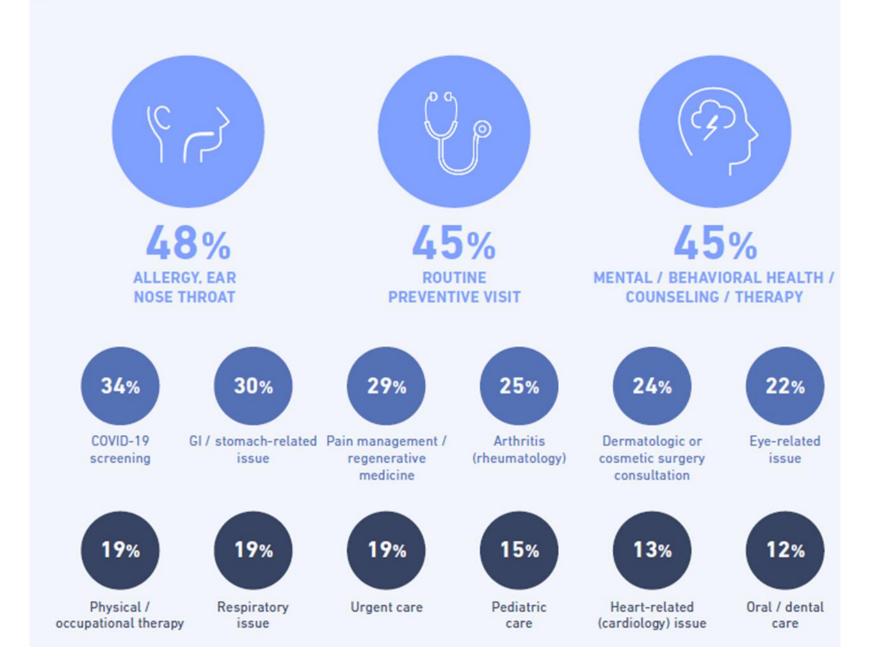




- 74% would use TM to see doctor already have relationship with
- 55% would use TM to see new doctor
- 40% would use TM to see new doctor only if have referral or doctor has great online reviews & star ratings
- If had to cancel appt due to COVID how resume care: 57% inperson after COVID, 35% want treatment via TM, 6% can't resume/reschedule financial reasons, 2% other
- 93% likely use TM prescription management
- 91% agree TM would help with appt & prescription adherence







Q: Which factors would help you decide to make a telemedicine appointment?



69% EASY-TO-USE TECHNOLOGY



57%

COMMUNICATION THAT TELEMEDICINE SERVICES ARE AVAILABLE



47%
ONLINE
SCHEDULING
OPTIONS



47%
IMMEDIATE
AVAILABILITY



Understanding how my insurance covers telemedicine



A secure communication platform that protects my privacy



Reading reviews from other patients about their telemedicine experience



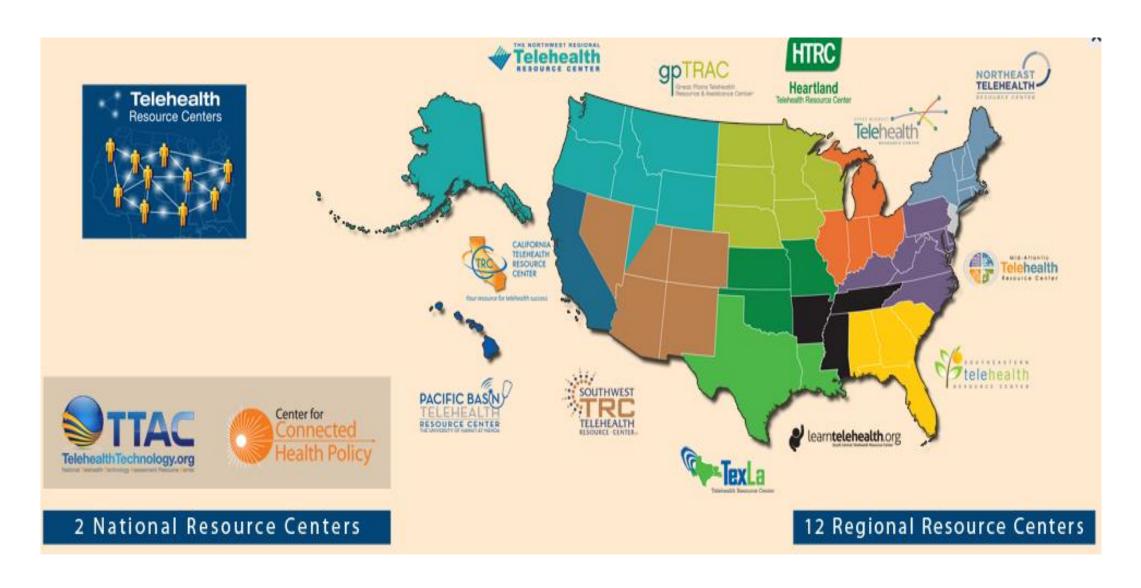
The ability to see the same provider in a practice



Information on what types of services can be provided via telemedicine

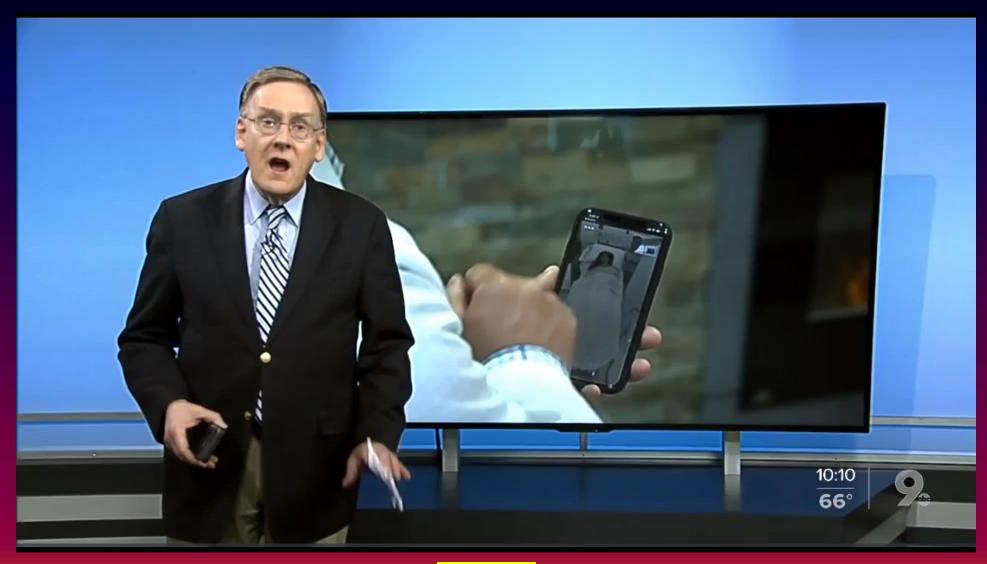


Credentials and expertise of the physician / healthcare provider



https://southwesttrc.org/

TELEMEDICINE SERVICES



Future of telemedicine

- Demand will continue to increase
- We are learning more directly what works & what doesn't real life doesn't always match controlled studies!
- Patient driven
- Direct to consumer
- Sensors integrated into multiple environments
- New in-person delivery models hybrid visits
- Deep learning, machine learning, AI integration





















Thank You!!



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