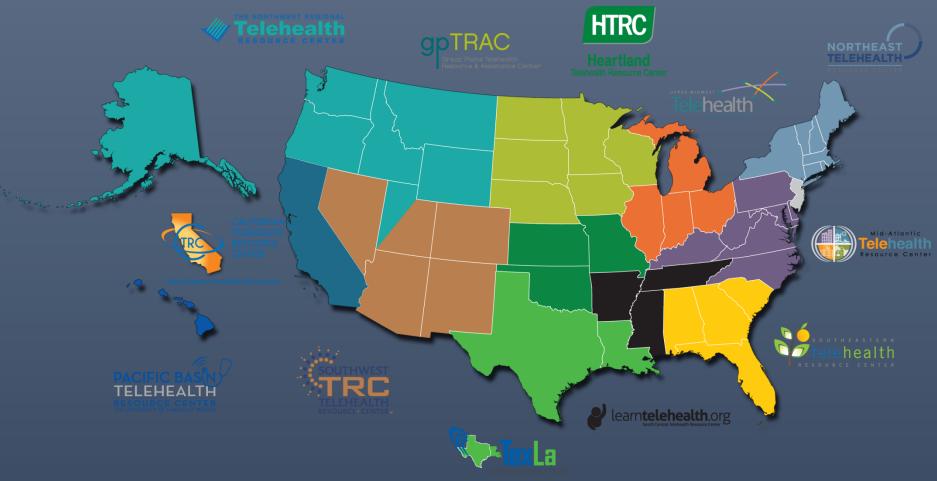


The National Telehealth Webinar Series

Presented by
The National Network of
Telehealth Resource Centers

TelehealthResourceCenters.org









NRTRC	gpTRAC	NETRC
CTRC	HTRC	UMTRC
SWTRC	SCTRC	MATRC
PBTRC	TexLa	SETRC

2 National Resource Centers

12 Regional Resource Centers

The Futures of Telehealth: What you need to know now.

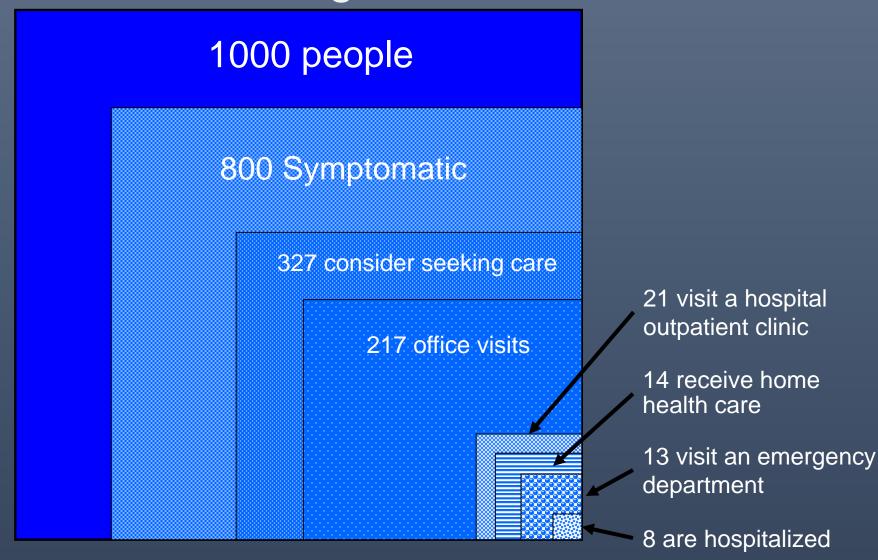
Stuart M. Speedie, PhD, FACMI Executive Director, gpTRAC

"The future ain't what it used to be."



Yogi Berra
Philosopher and
Baseball Legend

In an average month

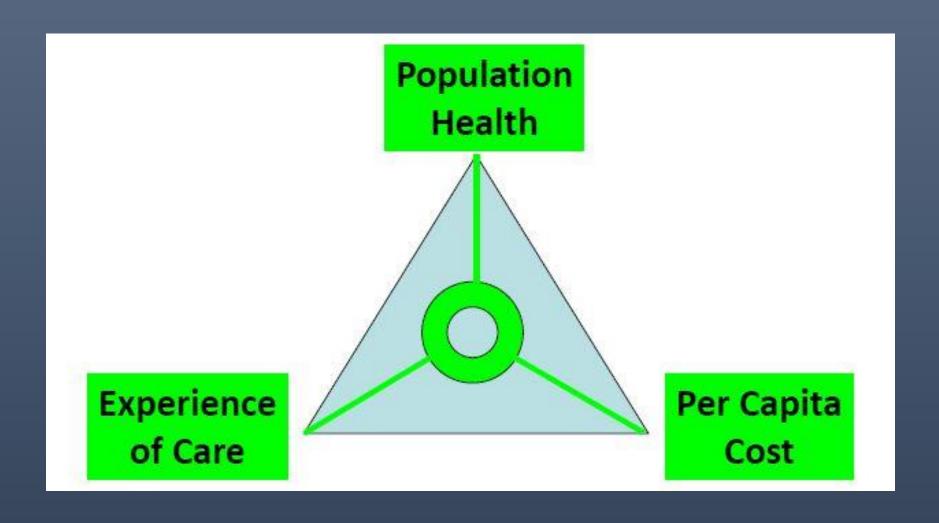




AFFORDABLE CARE ACT

- Secure for the next three years
- Congress unlikely to do anything to enable it beyond what is currently in the law
- At the end of three years we will see.

The Healthcare Triple Aim



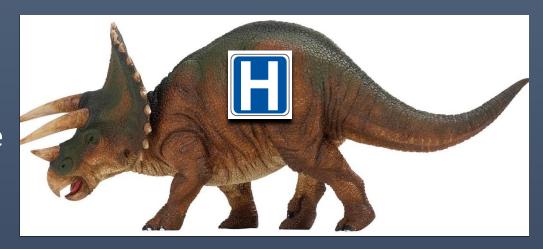
Fee for service is fading away.

- (sloooowly)
- •Small likelihood of CMS approving any expansion of definitions or inclusion of new codes for telehealth.
- Disappearance of health care providers as artisans.



Hospitals are dinosaurs.

- They are dangerous places to be
 - Most of our serious medical errors occur there.
 - Hospital acquired diseases are still a fact of life.
- They consume the vast majority of health care resources.
- But "When they walk the earth still shakes"



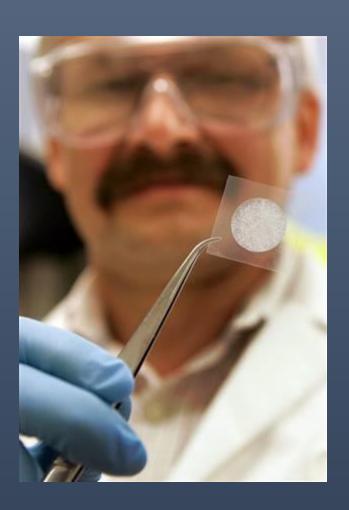
 The changing nature of health care is threatening their continued viability.

Healthcare continues to evolve.

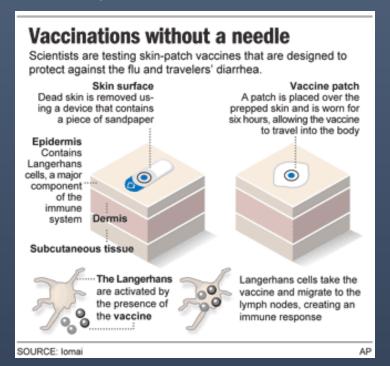


- Based on a 1950's model of care
- Individualization of care
- Some of the biggest changes are likely to come from unexpected directions:
 - Example: stomach ulcers and H.
 Pylori
 - My personal bet: the roles that bacteria play in the human ecosystem.

Vaccination Patches



- Easy application
- Room temperature stable up to a year.



Business Drivers for ACOs



Survival



Cost Controls



Growth



Requires a "Captive" Patient Population

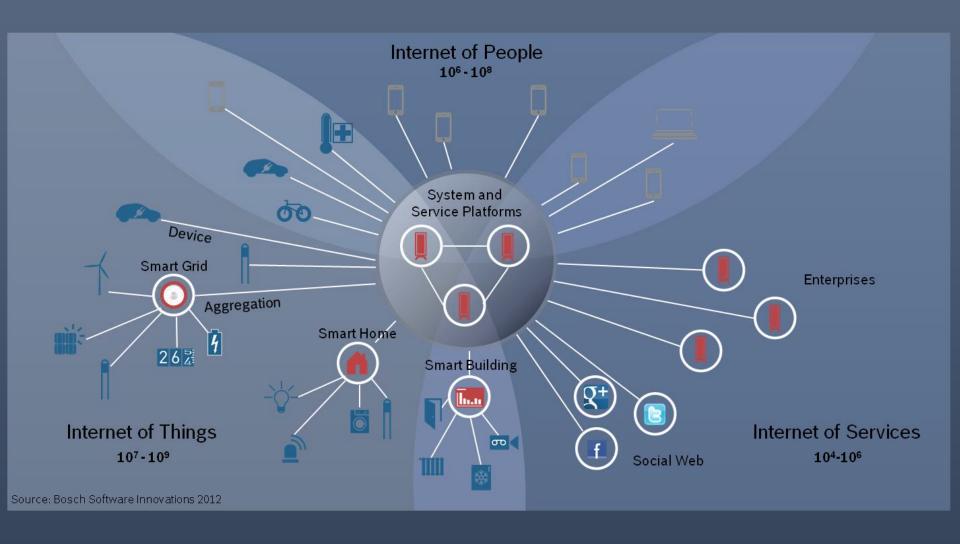
Changes In Information Technology

- The Information Infrastructure
 - The highly interconnected telecommunications web.
 - Very large scale data and the ability to analyze it.
- Sensor technology





The Internet of People and Things



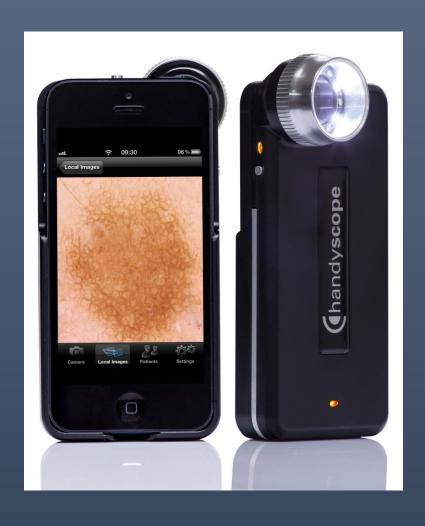
Consumer Telehealth





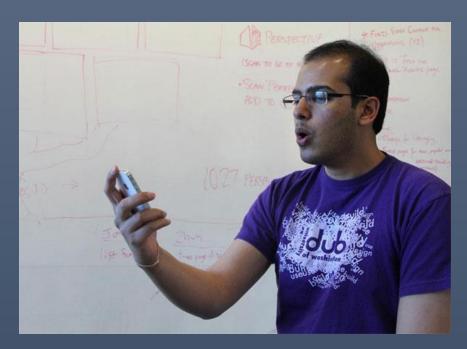


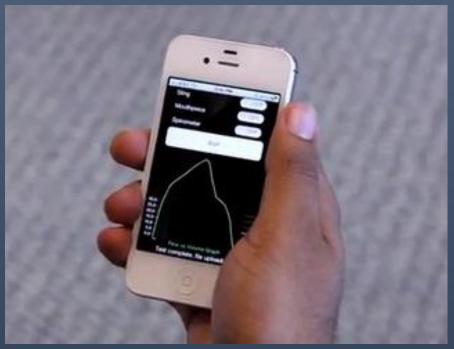
Smart Phones as Medical Devices





The Smart Phone Spirometer





uChek Urine Analysis



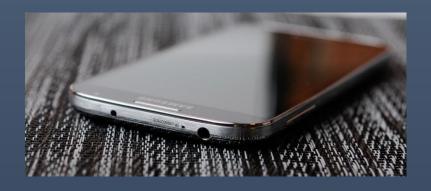
Zeo Sleep Monitor





Motion Detection

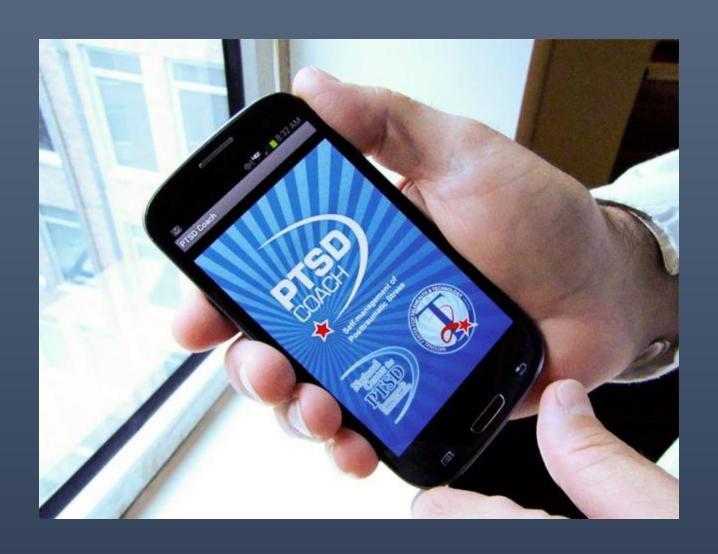
- xBox Kinect
- Wi-Fi echolocation
- Cellphone microphone







Texting Support for PTSD



Electronic Health Records





Changes in healthcare are impacting telehealth.





Telehealth is about healthcare delivery.



Delivery Model



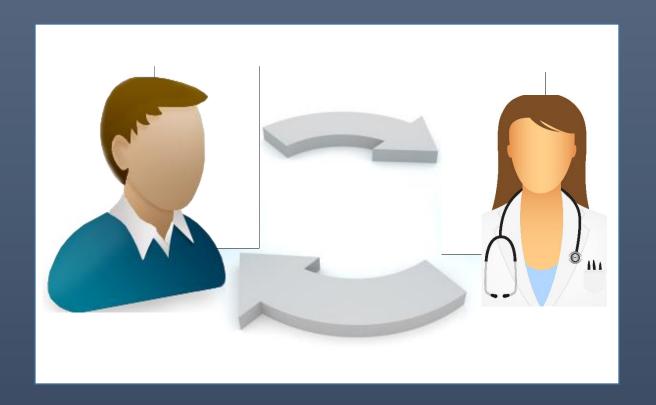
Delivery Model

A career in telehealth is a career in healthcare delivery.





A Guiding Principle



A core function of healthcare is the exchange of information.

Future 1: Specialty Care Delivery

- "elaborate"
 videoconferencing based
 telehealth
- the purview of health care organizations/ACOs.



Future 2: mHealth



Future 3: In Place Care



Future 4: Care in the "Workplace"



Future 5: Consumer Wellness



The future of telehealth -

The choices are yours.

Thank you.



The National Telehealth Resource Center Webinar Series

3rd Thursday of every month

Next Webinar:

Telehealth Topic: Technology: It Doesn't Always Work

Presenter: California Telehealth Resource Center

Date: Thursday, February 21, 2013

Times: 9:00AM HST, 10:00AM AKST, 11:00AM PST, 12:00PM MST, 1:00PM CST, 2:00PM EST





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http://www.surveymonkey.com/s/NationalTRCWebinarSeries

TRC activity is supported by grants from the Office for the Advancement of Telehealth, Office of Health Information Technology, Health Resources and Services Administration, DHHS