

Digital Health Innovations:

Patients & Health Care Delivery Transformation



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BECHTEL
— HEALTH —



Consumers & Digital Health Technology

- Consumers increasingly expect presence of digital health technology in health care
 - Meaningful Use opened up access to our own data in unprecedented ways
 - View/Download/Transmit, Secure Messaging, Patient-Generated Health Data, Care Plans based on patient goals, visit summary, etc.



- The rate of online access to personal health information has doubled since 2011- Majority have it today
- Of those with online access **86% use it**
- More than half use it 3 or more times per year.
- 2/3 of people and their doctors support VDT (Markle Foundation)

Engaging Patients and Families: **How Consumers Value and Use Health IT**

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Meanwhile....New Trends Impacting Health Care Market

LiveHealth
ONLINE



**minute
clinic**



Live Chat!

Looking for a better way to manage your healthcare?
Do you need a Second Opinion? Do you need a pre-visit consultation?
Do you need guidance with self management of your chronic disease?

Chat securely with one of our Physicians and get the help you need!

Get the answers you
need from healthcare
professionals

Build your reputation and
attract clients by providing
great patient care!





Key Sources of the **Traction...**

- Opening up **access** in new ways- could health care actually become convenient?
 - Mobile platforms, non-traditional hours, portals, video uplinks, etc.
- Increasing **price transparency** so consumers can make real decisions
 - Isn't happening in most institutions; it's happening outside "traditional" system
- **Unlocking data** – data becoming more portable (use in apps, care coordination/planning, self care, etc.)

Are we changing consumer expectations?



What's **Impeding** Our Progress?

- **Culture**
 - Empowered patients- will we embrace them? Will we support them controlling their own data? Will we come to see consumers as co-creators or co-producers of care?
- **Payment** – we don't pay for many things technology can enable/produce (fewer office visits, tests, etc. Care coordination, better health outcomes)
 - CMMI testing models
- **Workflows** – must consider patients' workflows, and help providers redesign their own to make using/interpreting/recording data easier
 - REC program, Meaningful Use, etc.
- **Technical issues**– standards, especially for devices, connecting EHRs to community resources, “usability”
 - Federal advisory committees, Office of the National Coordinator programs, Certification program, MU




Health Revolution? The Essential Question

If You Build It, Will They Come?

If you build it with them –
They will already be there

(and we will get there faster)



Better health and care requires
changes in...

- How patients are cared for.
- How care is paid for.
- How patients are engaged.

- Farzad Mostashari, MD
Former National Coordinator for HIT

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