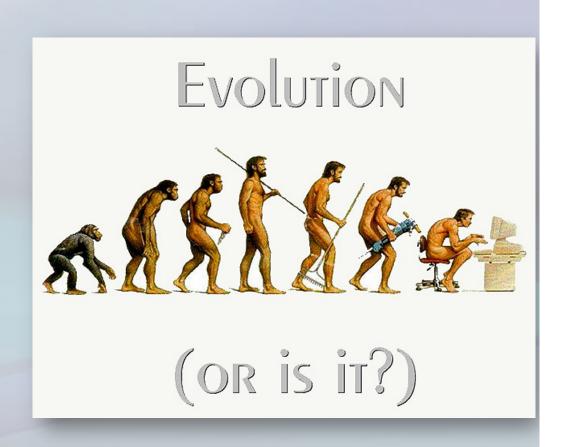


Starting the mHealth conversation

David Tapia, MBA, FACHE, FHIMSS

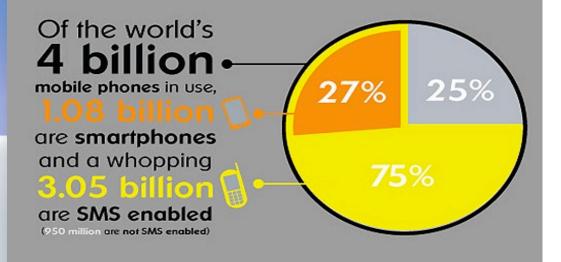
Evolution of Mobile Devices in healthcare

- Started with laptops and PDAs
- Netbooks became an inexpensive option
- Tablets, smartphones and mobile devices have emerged on the market



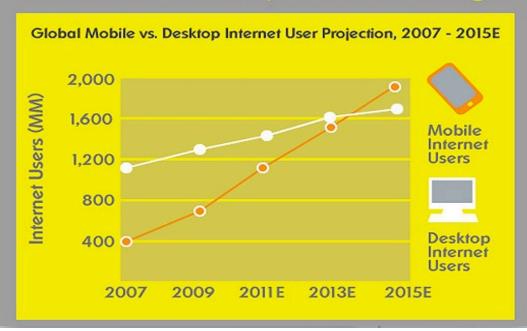


The future of Mobile device usage



How fast is mobile internet growing?

By 2014, mobile internet should take over desktop internet usage





mHealth

healthcare mobile apps, devices & solutions

PRESENT

Smartphones •••

are most popular among doctors after the stethoscope

Smal are most

62%

of physicians are now using tablets, with over half of them using it at the point-of-care.



247mn
people have downloaded a
health app



40,000

medical apps now available for Tablets and Smartphones



59%

of patients in emerging market use at least one mHealth application or service, compared with 35% in the developed world

mHealth impact in Healthcare





The smartphone revolution is under-hyped, more people have access to phones than access to running water. We've never had anything like this before since the beginning of the planet.

(Marc Andreessen)



What is mHealth?

mHealth is "the delivery of healthcare services via mobile communication devices"

Foundation for the National Institutes of Health (FNIH)

www.caroltorgan.com/mhealth-summit/



What's the goal of mhealth?

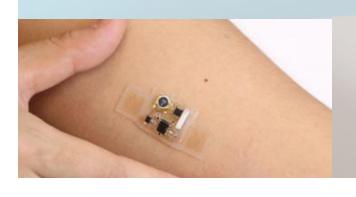
To improve the delivery of healthcare!

- Improve quality and access
- Care-coordination
- Lower rehospitalizations
- Improve outcomes
- Lower infection rates
- Monitor patient status in real time
- ...Unrealized possibilities!



Types of mHealth technology

- Tablets
- Smart phones
- Apps
- Wearbles
- Implantables











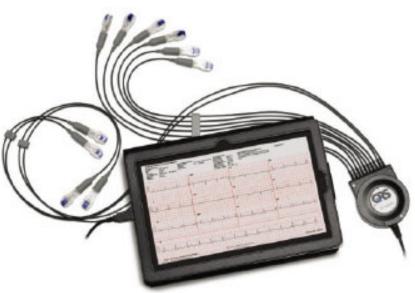
Tablets

Maximize portable technology in the patient encounter

- Point of Care documentation
- Real-time care coordination
- Labs & Imaging
- Patient education
- Therapy benefits
- Access to past medical history
- Countless additional benefits









Smartphones

Smartphones are ubiquitous in healthcare

- Care coordination
- External device connection for testing and diagnostics
 - Blood pressure monitoring
 - Blood glucose levels
- Use of smart apps





mHealth Apps

mHealth Apps have a wide range in scope

- Online apps or on a device
- Health & wellness
- Diagnostic and testing
- Patient education
- Labs & Imaging
- Social Media integration



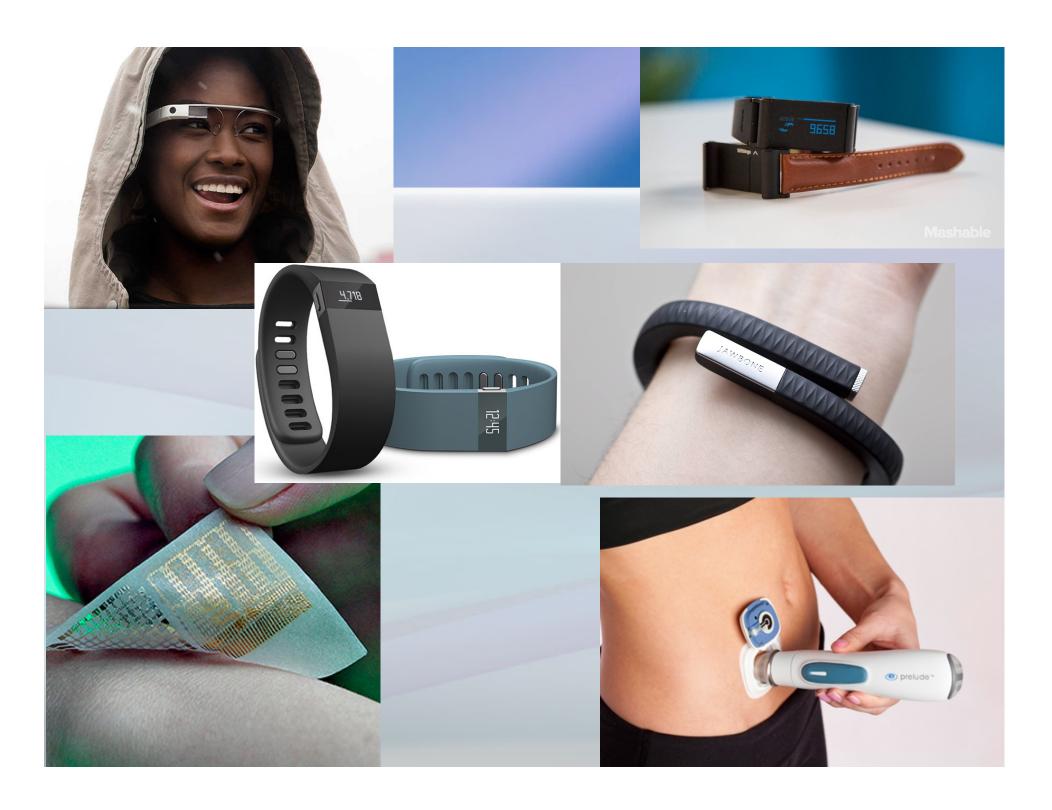


Wearables

Most popular in the personal fitness space

- Track and trend activity levels
- Sense & analyze information from substances emitted from transdermal source.
- Use social media to enhance user accountability. "Peer pressure" effect





Implantables

Implantables have been around but are being redefined!

- Possible vision correction & enhancement
- Vital sign or blood glucose monitoring
- Relay information back to Nurse Case Managers or Physician
- Lots of diagnostic & monitoring potential













mHealth as part of a Technology Strategy

Technology is not the panacea for the healthcare industry...but it is part of the solution!



mHealth as part of a Technology Strategy

CIO creates technology strategy

- Align with Strategic Plan
- Balance clinical delivery needs with tech needs
- Clinician input is essential
- Evaluate value added mHealth options



mHealth as part of a Technology Strategy

Things to consider when evaluating mHealth solutions:

- Examine mobile strategy and potential for interoperability with EHR and enterprise systems.
- Build a patient-centric model
- Understand your care delivery model and if the solution is feasible

-adapted from FierceMobile Healthcare

3 things CMOs should consider before taking mHealth "plunge"

http://www.fiercemobilehealthcare.com/story/3-things-cmos-should-consider-taking-mhealth-plunge/2013-07-15







mHIMSS Roadmap

Guide to professionals and HCOs on the adoption of mobile and mHealth devices.

6 sections

- New Care Models
- Technology
- Reimbursement, Payment Models & ROI
- Legal & Policy
- Standards & Interoperability
- Privacy & Security



mHIMSS Roadmap

 One of the most comprehensive guides available in the industry.

 Essential tool for decision makers to consider using when adopting mHealth technology in their organization.

Download here: http://www.himss.org/

mobilehealthit/roadmap



Thank you! Questions?

Contact Us!

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