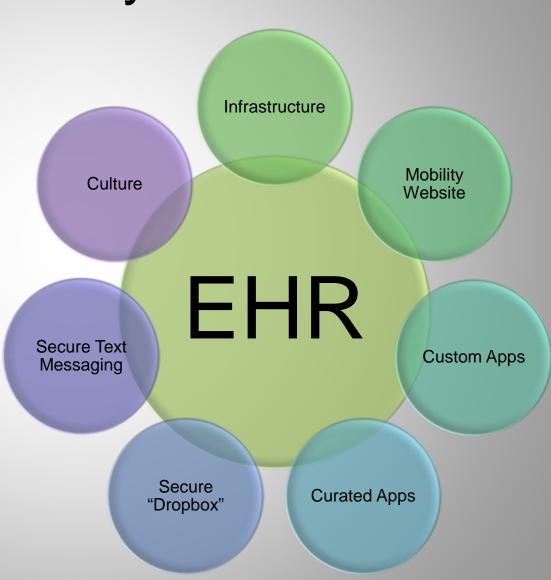
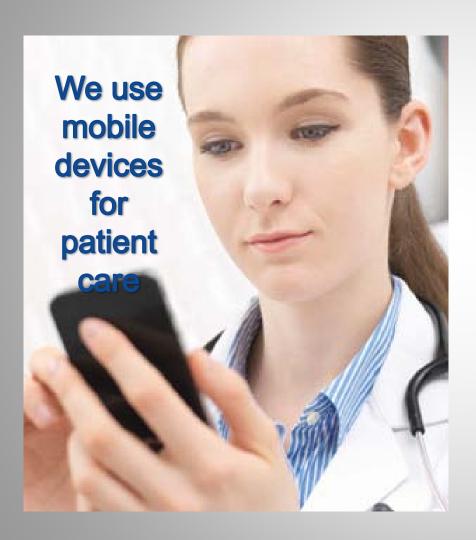


Mobility =

- Clinicians are more nimble, efficient and productive
- Patients and trainees are more engaged
- Clinicians become better educators
- Communications become seamless and intuitive



Changing the culture



Reevaluating existing policies

 Educating patients, families and clinicians

 Striking the balance between distraction and accessibility

Education



MedWatcher was created in collaboration with the US Food and Drug Administration (FDA) Center for Devices and Radiologic Health (CDRH). Use MedWatcher to get news and official safety alerts for medical devices, as well as drugs and vaccines. MedWatcher is the only app that allows you to report bad side effects or adverse events directly to the FDA to make medical products safer for everyone.

itunes.apple.com



Epocrates Review drug prescribing and safety information for thousands of brand, generic, and OTC drugs

itunes.apple.com



Great for educating patients -ArtStudio is the most comprehensive, sketching, painting and photo editing tool in the App Store. Completely redesigned from the ground up the new ArtStudio features a beautiful new user interface and a powerful new graphics engine to make creating works of art faster, easier, and more funit Using advanced drawing algorithms this is the fastest and most precise version of ArtStudio to date. \$4.99

itunes.apple.com



Medscape Medscape from WebMD (medscape.com) is the leading medical resource most used by physicians, medical students, nurses and other healthcare professionals for clinical information.

itunes.apple.com



Drafts is the quick, easy way to capture and share text. In Drafts, text comes first – open the app and get a new, blank draft – ready to type. Don't get bogged down in a timeline just to tweet or post to Facebook. Don't tap your way through multiple screens to get down an email or SMS. Don't navigate folders, create files and name them just to jot down a note or create a todo.\$3.99

itunes.apple.com



drawMD Pediatrics drawMD Pediatrics enhances doctor-patient communication by offering a new paradigm for explaining the complex issues surrounding the care of pediatric patients.

itunes.apple.com

Recommended builds



Powered by pediatricians, trusted by parents.★ Get the peace of mind with health information from the experts at HealthyChildren.org, the American Academy of Pediatrics' official web

site for parent. Use a vice content of the part of the

NEJM

The NEJM iPad Edition is a rich issue experience that combines all content from the New England Journal of Medicine in print with key multimedia and unique features in an integrated,

content. The app is free to download and all users can view a fully functional free issue and read Online First articles. Individual subscribers to NEJM and NEJM.org enjoy FREE access to IPAD Edition issues associated with the term of their subs

• Community...



Adobe® Connect™ Mobile for iOS Allow you to set up and join in BCH online meetings.

itunes.apple.com



Citrix Receiver to access BCH EMR

itunes.apple.com



The CDC iPad application has been designed as a way for users to access health information at their fingertips.

itunes.apple.com



Units is a really useful app that lets you easily convert from various units into lots of others.

itunes.apple.com

3 Use Cases



Patient - Kiosks

- Way finding
- Registration
- Photo booth
- Check in / out
- Payment
- Feedback



Patient – Waiting Room / Inpatient

- Passport
- Pre-visit planning
 - ROS
 - PROM
- Surveys
- Education
- Entertainment



Patient - @ Home

- Education
- Custom apps
- Hospital Appstore Rx Apps
- iBooks
- Patient Portal App



Support Staff

Efficiency of rooming patients

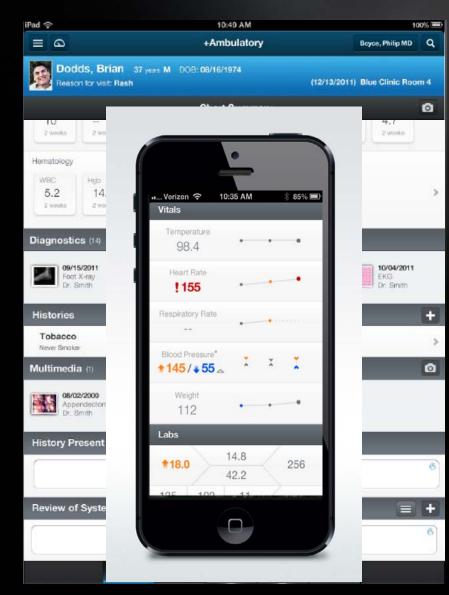
- Secure messaging
- Check in/out

Medication
 Reconciliation









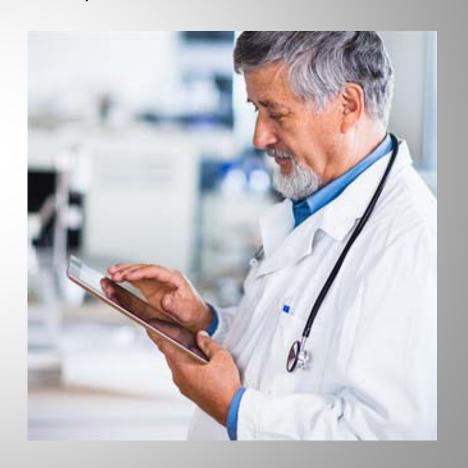
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Clinician - Ambulatory Use Case

- Pre-visit planning (educating the MD)
- Search
- Reviewing and educating
- Study and Streamline
- Communicate
- Collaborate / Educate
- After-visit Summary



J Med Internet Res. 2013 Aug 14;15(8):e176. doi: 10.2196/jmir.2643.

Standardized, App-Based Disinfection of iPads in a Clinical and Nonclinical Setting: Comparative Analysis.

Albrecht UV, von Jan U, Sedlacek L, Groos S, Suerbaum S, Vonberg RP.

PL Reichertz Institute for Medical Informatics, Hannover Medical School, Hannover, Germany. albrecht.urs-vito@mh-hannover.de.

iPads are dirty

 Cleaning iPads is a good idea and works

 No disinfectants are approved by Apple[®]



Pre-visit planning

Review EHR

Pertinent communications

- Literature searching
- Remote desktop

 Tuesday

 NEJM





Document with your workflow

Dictate in real-time

- Document images
 - Track clinical changes
 - Easily integrate in EMR
- Generate AVS while documenting



Search

- The world at your fingertips:
 - Search engines
 - Medical reference apps
 - Maps
 - Journals
 - UpToDate
 - Medical Calculators
 - 30,000+ medical apps



Review the Diagnosis & Plan

- Educate your patients
- Custom apps
- Videos
- iBooks
- Animation



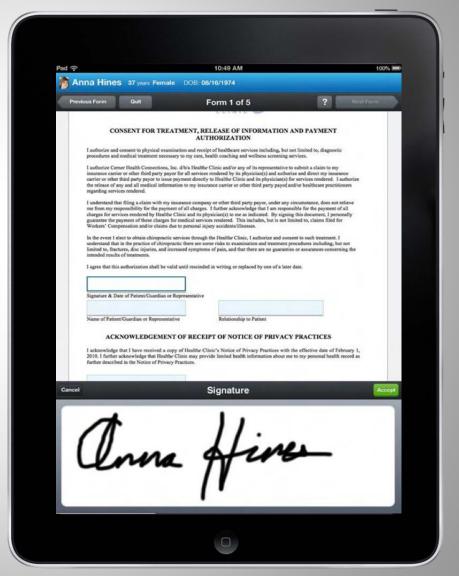






Study and Streamline

- Replace heavy binders
- Reduce risk of data breech
- Real-time data collection
- Simplify data entry @ POC
- Secure consent more easily and share with patient
- Sav per C



Communicate

- HIPAA-compliant text messaging
- Two way communication
- Reduce pages / ASCOM
- Send text, images, files
- Communicate 1:1 and in groups / careteams







Collaborate & Educate

 Secure social networks

Shared cloud drives

Presentation anns









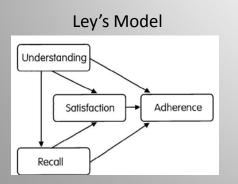


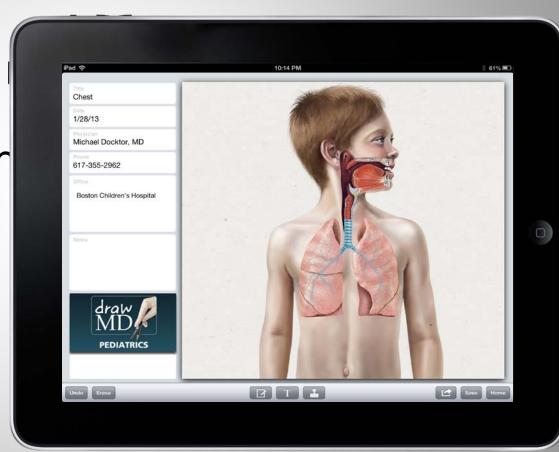




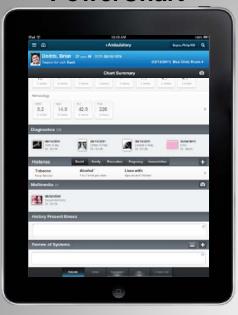
After Visit Summary

- Explain difficult topics
- Pictures are worth
 1,000+ words





PowerChart



Cerner



Secure



Research /



After Visit



Collaboration



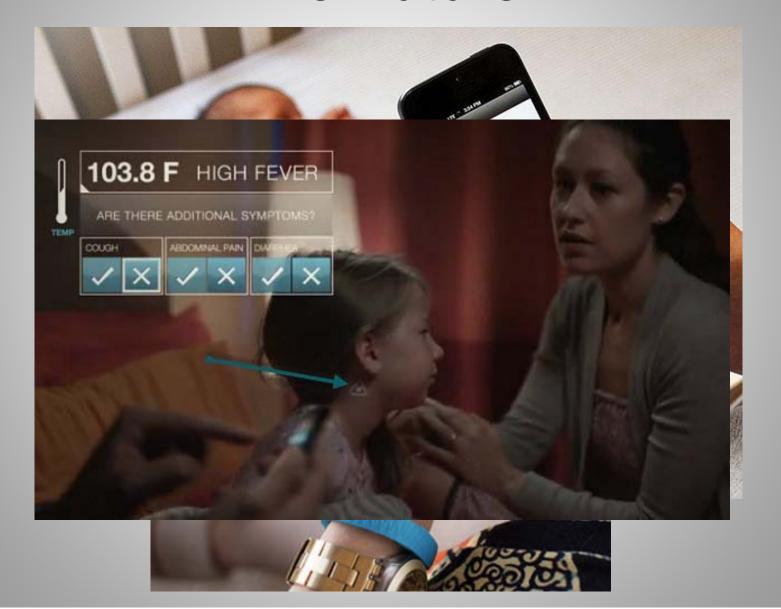
Resources for Clinicians

- BCH Mobility Pinterest
 - http://pinterest.com/mpseducation/boards/

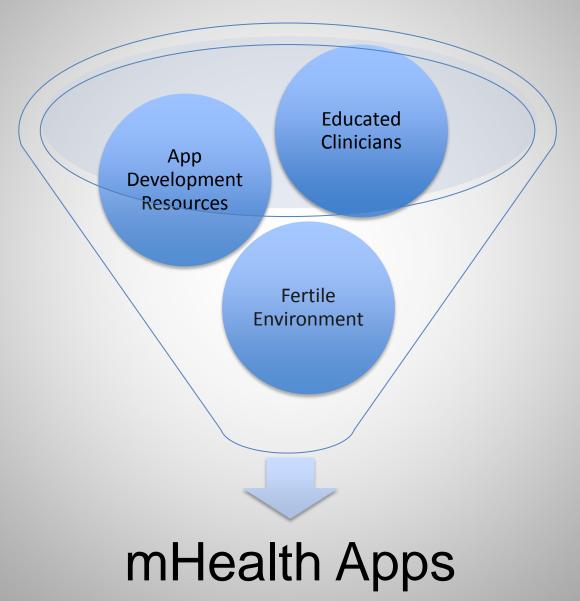
- BCH Mobility Flipboard
 - http://flip.it/5z6JE

- iMedicalApps
 - http://www.imedicalapps.com

The Future



The Potential





BOSTON CHILDREN'S HOSPITAL HACKINGPEDIATRICS.COM

 Creating innovative solutions to improve the health and happiness of children and their families

 100 of the best and brightest engineers, designers, entrepreneurs, & clinicians

Sourcing ideas from the Children's community

Thank you