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

- Recommended builds
- Apps
- Accessories
- Community
- App development

MedMatcher was created in collaboration with the US Food and Drug Administration (FDA) Center for Device and Radiologic Health (CDRH). Use MedMatcher to get news and critical safety alerts for medical devices, as well as drugs and vaccines. MedMatcher 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.

Great for educating patients - ArtStudio is the most comprehensive, sketching, painting and photo editing tool in the App Store. Completely re-designed 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 fun using advanced drawing algorithms that is the fastest and most precise version of ArtStudio to date. $4.99

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 to-do.$2.99

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.

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

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

AppBBE Connect Mobile for iOS Allow you to set up and join in BBM online meetings.

Clix Receiver to access BOH EHR

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 parents. Just tap the icon to find a pediatrician to help you get quick answers and access. Includes issues of HealthyChildren Magazine and content from the award-winning Web site covering a variety of health topics for all ages and stages of development. 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 subscription.

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

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

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

ms. Medscape

drawMD

itsunes.apple.com

itunes.apple.com

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3 Use Cases

Patients
Support Staff
Clinicians
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
Clinician - Ambulatory Use Case

- Pre-visit planning (educating the MD)
- Search
- Reviewing and educating
- Study and Streamline
- Communicate
- Collaborate / Educate
- After-visit Summary
• 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
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
- Save paper!
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 apps
After Visit Summary

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

Cerner eSignature

Secure Messaging

Research / PROM

After Visit Summary

Collaboration
Resources for Clinicians

• BCH Mobility *Pinterest*

• BCH Mobility *Flipboard*
  – [http://flip.it/5z6JE](http://flip.it/5z6JE)

• iMedicalApps
  – [http://www.imedicalapps.com](http://www.imedicalapps.com)
The Future
The Potential

App Development Resources

Educated Clinicians

Fertile Environment

mHealth Apps
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