Searching and using scientific and clinical literature at the point of care: Here’s the app for that!

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Disclosure

- We wish ...

In 70 minutes

- McLeod – Introduction
- Mays – App evaluation
- Mays – Demo
- Ross – Demo
- Mackenburg-Mohn – Demo
- McLeod – Q & A
Objectives

- Exploit mobile solutions for accessing, managing, and using journal articles in clinical practice
- Evaluate mobile apps for iPhone, iPod Touch, and iPad

Evidence based care

- Best practices
- Information explosion
- Practice-research gap
Mobility changes everything

McGuire (2007). The power of mobility: how your business can compete and win in the next technology revolution.

Mobile clinician

- Smartphone
- PDA
- Tablet
- Point of care
- Information on demand
- For provider & patient

150 million
$9.5 billion
...in 9 months

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Post PC Technology

- Apple iPad (iOS)
- RIM Playbook (Blackberry OS)
- HP Touchpad (WebOS/Palm)
- Motorola Xoom (Android)
- Samsung Galaxy Tab (Android)
- Dell Streak (Android)

Photo credit: http://www.pcworld.com/
What makes a good app?

- Cupcake
- Wedding cake
- Crab cake

Idea credit: Sandeep Shah, Skyscape, Inc.
Six attributes of information app

1. access - search CINAHL, MEDLINE, PsycINFO, Cochrane Library, etc.
2. tailor - save a successful search, create a robot to run it, get an email every time there is a new article, and import the article from email/link

Six attributes of information app

3. retrieve - download articles (or order from ILL then download), highlight and annotate
4. archive - build a personal library of articles - with the metadata - so that they can be sorted and searched
Six attributes of information app

5. **share** - output to video for discussion; email or export article, metadata, and case notes to PC/professional networks; and integrate evidence with electronic health record

6. **write** - use metadata to "cite while you write" and build reference lists

Top ten information solutions

[Images of various apps and tools]

Top ten information solutions

1. PubMed
2. Medscape
3. WebMD
4. PubMed Library
5. Physical Exam HD
6. Shots
7. Embry
8. ePocrates
9. Papers
10. STM

Photo credit: http://brain-storming.info/