Dr. Hi Tech Hospitalist

Improving Quality and Value of Care Using Mobile Apps

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Workshop Organizers

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Disclosures

No financial disclosures relating to the use or discussion of the following today:
  – the mobile apps
  – device platforms
  – mobile devices

Objectives

• Recognize mobile apps in medicine
• Use mobile apps to enhance clinical care engage patients in their own care
• Recognize potential pitfalls of mobile apps
Breakout #1 (15 min)

- In your tables, read the case and then work through the tasks for Breakout #1
  - Consider where apps can be useful for physicians
- Choose a spokesperson to report out to the larger group after the breakout

Medical Mobile Apps

**Diagnosis and Management**
- Peripherals (ECG, U/S)
- Calculators

**Communication**
- Networking
- Messaging
- Medical Translation

**EBM / CME**
- Pharmacopoeias
- Medical Update

**Patient Resources**
- Med compliance aides
- Instructional / Education
- Pharmacy Services

Medical Calculators

**Calculate by QxMD**

- CVD Risk
- ASCVD Risk
- CHA2DS2-VASc Score for AF
- ASCVD Risk Score - Elderly
- SAD Bleeding Risk - HAS-BLED Score
- Warfarin Bleeding Risk - CIBIS-EF

Medical Calculators

**PreopEval14**

- Preoperative evaluation
- Risk assessment
- Surgical planning
- Postoperative care

Medical Calculators

**ASCVD Risk Estimator**

- Cardiovascular disease risk
- Associated with increased risk of death and non-fatal myocardial infarction
- Based on the ACC/AHA guidelines for the evaluation of a patient’s risk of cardiovascular disease
EBM / CME

Evidence Based Medicine
ACP Clinical Guidelines

Evidence Based Medicine
ACP Smart Medicine

Evidence Based Medicine
Read by QxMD

Communication

Networking / Secure Messaging
Doximity
Breakout #2 (10 min)

- In your tables, continue the case and then work through the tasks for Breakout #2
  - Consider where apps can be useful to patients

- Choose a spokesperson to report out to the larger group after the breakout

Patient Resources

Medication Compliance

MediSafe Meds & Pill Reminder
- Reminds you to take meds
- Check off pills as you take them
- Reminder to renew Rx
- Share with family members
**App Certification?**

- mHealth apps are rapidly increasing, > 40K
- FDA has regulatory authority for apps that act as medical device or accessory to medical device
- FDA left review process for non-device apps to marketplace
- App certification on the horizon?

**Discussion & Questions**

**Thank you for participating!**

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