Slide 1: Ebell/Handheld Decision Support: Osheroff Response
Jerome A. Osheroff, MD, FACP, FACMI
Chief Clinical Informatics Officer, Thomson Reuters
Adjunct Assistant Professor of Medicine, University of Pennsylvania

Slide 2: Actionable Info for Clinicians/Consumers: CDS

- CDS: info to improve decisions/actions/outcomes
- CDS Five Rights for improving outcomes
  - Info, Format, Channel, Stakeholder, Workflow point
- Handheld = a channel
  - When is a handheld the ‘right’ channel
    - Support decisions/actions while ‘on the move’
  - Implications for other ‘CDS Rights’?
  - How might the Eisenberg Center leverage?
    - [discussion]

Slide 3: Handheld + 4 Other CDS Rights

- What types of information/topics
  - Preventive care/wellness (EPSS), condition management
  - Rule in/Rule out; risk (treatment selection), prognosis
- Recipients
  - Clinicians + Shared + Patients
- Formats
  - Calculators, decision score/formulas, algorithms, reference, reminders, documentation tools, flowcharts
- Workflow
  - POC, Point of Need (patients at home...)

Slide 4: Implementation Considerations

- User perspectives (“Do CDS with, not to ...”)
- Rule cutpoints (to ensure practical usefulness)
- Integration with EHRs; patient-specific data
- Multi-media, e.g. video capture/display
- How to convey validity on small screen?

Slide 5: Participatory Health: Online and Mobile Tools Help Chronically Ill Manage Their Care (CHCF 9/09)

- Consistently monitor patient health status;

• Continuously adjust recommended health regimens based on health status;
• Interpret patient data according to individual treatment goals;
• Proactively communicate tailored health advice to the patient
• eGames, med management tools