

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;

Source: Eisenberg Center Conference Series 2009, Translating Information Into Action: Improving Quality of Care Through Interactive Media, Effective Health Care Program Web site
(<http://www.effectivehealthcare.ahrq.gov/index.cfm>)

- 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

Source: Eisenberg Center Conference Series 2009, Translating Information Into Action: Improving Quality of Care Through Interactive Media, Effective Health Care Program Web site
(<http://www.effectivehealthcare.ahrq.gov/index.cfm>)