



## The EHR Usability Symposium: Usability & ONC's 2014 Certification Criteria

November 4, 2013 : 8:30am – 12pm

### AGENDA

8:30-8:40	Welcome and Introduction	Jiajie Zhang, SHARP-C
8:40-9:30	Overview of Safety Enhanced Design / Usability Requirements for 2014 EHR Certification	Jacob Reider, ONC Steven Posnack, ONC  Open Forum and Interactive Discussion
9:30 – 09:45	Review of Common Usability Challenges	Muhammad Walji, SHARP-C
9:45-10:00	User-centered Design Approach and Summative User Testing	Robert Schumacher, GfK User Centric
10:00 – 10:15	Break	
10:15-12:00	Interactive Design Discussion: How to incorporate UCD in 2014 Certification Criteria. Creative solution design: how to read the rules and think outside the lines.	Open Forum: Comments and Questions from Audience  Moderator: Jacob Reider, ONC  Discussion Leaders: Todd Johnson, SHARP-C Amy Franklin, SHARP-C Jiajie Zhang, SHARP-C David Kreda, SHARP III (SMART)

**Overview:**

Improved usability will accelerate the adoption and meaningful use of EHRs. The Safety Enhanced Design criterion of the 2014 Standards and Certification Criteria for certified EHR technology includes the need to demonstrate a user-centered design process for 8 Meaningful Use objectives:

- 1) CPOE
- 2) Drug-drug, drug-allergy interaction checks
- 3) Medication list
- 4) Medication allergy list
- 5) Clinical decision support
- 6) Electronic medication administration record
- 7) Electronic prescribing
- 8) Clinical information reconciliation.

This workshop, developed especially for EHR developers and implementers, will

- 1) review the requirements of the new rule,
- 2) present approaches to facilitate user-centered design (UCD) and usability assessments, and
- 3) provide interactive feedback regarding how developers and implementers can creatively meet the objectives of 2014 certification criteria while making sure that they are not constrained by concrete or narrow interpretations of Federal regulations that were meant to allow for and even encourage “out of the box” user-centered design ideas.

**By the end of the symposium, participants will be able to:**

- Understand the 2014 EHR certification criteria related to safety enhanced design
- Describe approaches that can be used to meet the safety enhanced design requirements
- Identify and share strategies to help the adoption of user-centered design strategies already underway by representatives in industry
- Understand how to interpret EHR certification criteria and how they can be applied to innovative user centered design ideas.