

Clinical Decision Support Consortium:
Technical Expert Panel Meeting
Update

August 13, 2008

CDS

consortium



KAISER PERMANENTE

SIEMENS



MASSPRO
Making an Impact

Timeline Overview

Year I		Year II
Knowledge Management Lifecycle Assessment		
Knowledge Translation and Specification		
Knowledge Portal & Repository		
	CDS Web Services Development	
	Vendor Recommendation/CCHIT	
		Demo Phase 1: LMR
Evaluation		
Dissemination		

Accomplishments to Date

KM Lifecycle Assessment Team	<ul style="list-style-type: none">• Completed Knowledge Management and CDS Survey. Survey sent out to Consortium sites and has been returned by PHS and Regenstrief.• Conducted PHS Site Visit on June 16-20. Interviewed and shadowed Partners physicians to assess their knowledge management and CDS practices.
Knowledge Translation and Specification Team	<ul style="list-style-type: none">• Completed semi-structured representation and presented work to AHRQ and TEP (July 11th TEP meeting).
KM Portal	<ul style="list-style-type: none">• Delivered eRoom as a collaborative environment for CDSC activities. Finalized KM Portal design hardware.
Vendor Generalization and CCHIT Team	<ul style="list-style-type: none">• Completed capability reviews of nine EHR systems' decision support features through customer interviews. Findings will be incorporated into the first set of recommendations to CCHIT.
CDS Services Development	<ul style="list-style-type: none">• Completed CDS literature review on current service-oriented architectures.
Joint Information Modeling Working Group	<ul style="list-style-type: none">• Selected information model and terminologies.

Current Status of Working Teams

- **KM Lifecycle Assessment**
 - Analyzing data from Partners site visit
 - Planning for site visit to Regenstrief/VA (9/29/08-10/3/08)
- **Knowledge Translation and Specification**
 - Assessing content for the CDSC Action model
 - Refining semi-structured usage/utilization metric
 - Completing XML schema for semi-structured representation
- **KM Portal**
 - Completing draft of the use case diagram for collaboration use case
- **Vendor Generalization/CCHIT**
 - Engaging with CCHIT, HITSP, knowledge vendors
 - Preparing to draft first set of recommendations to CCHIT and HITSP
 - Contacting CPG community about demonstration

Current Status of Working Teams (cont.)

- **CDS Services Development**
 - Reviewing Action model and developing rules engine
- **CDS Evaluation Team**
 - Working with team leads to finalize individual CDSC team evaluation plans
- **Dissemination Team**
 - Drafting Masspro Dissemination vision document, to be presented to team September, 2008
- **Joint Information Modeling Working Team**
 - Collaborating with KTS and Services Development team to develop action model and UML representation of patient data model

Upcoming Milestones

Date	Team	Milestone
8/13/08	CDS Services Evaluation Team	Present draft evaluation instrument to services team
8/22/08	JIM team; KTS team; CDS Services Development team	CCD action model
9/18/08	KTS team	Complete encoding of content into semi structured representation

Dissemination: Contacting CPG Community

Anne Diamond	American College of Obstetricians and Gynecologists (ACOG)
Steve Downs, MD, MS	American Academy of Pediatrics (AAP)
Jim Dove, MD, FACC	American College of Cardiology (ACC)
Robert Haralson, MD	American Academy of Orthopedic Surgeons (AAOS)
Mark Helfand, MD, MPH	Oregon Health and Sciences Univ. (OHSU)
Kevin Johnson, MD, MS	American Academy of Pediatrics (AAP)
Norman Kahn, MD	Council of Medical Specialty Societies (CMSS)
William McGivney, PhD	National Comprehensive Cancer Network (NCCN)
Virginia Moyer, MD, MPH	Baylor College of Medicine/USPSTF
Doug Owens, MD, MS	American College of Physicians (ACP)
Rick Shiffman, MD, MCIS	Yale University
Janet Wies, MPH	American Academy of Orthopedic Surgeons (AAOS)

- Initial contact made on July 30, 2008. 7 of the 12 contacts have responded.
- Meetings with contacts will be scheduled to discuss how to best engage their organization.
- Steve Downs and Kevin Johnson suggested including Paul Biondich at the Partnership for Policy Implementation.
- Jennifer Mansour was suggested as a contact for the American Academy of Pediatrics.

Discussion Topics

- How can usability and workflow of CDS be improved?
- How can we engage the quality measurement community?
- How should the demonstrations inform CCHIT?



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