



Update and Challenges

Technical Expert Panel Meeting, August 2011

GLIDES PROJECT

GuideLines Into DEcision Support

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Contents

- **Current Project Status**
 - Progress
 - Accomplishments
 - Challenges Overcome
 - Questions for TEP
- **CDS Usability and Access**

Progress Summary

Q1 - Option Year 2

- All planning is complete, and work is in progress and on schedule for all work streams
 - Deployment/evaluation of CDS applications
 - CHOP (Retinopathy of prematurity and palivizumab)
 - Geisinger (eLowBackPain)
 - Yale (patient-centered data collection)
 - Adding new implementation partner: Alliance of Chicago
 - Guideline development
 - AAP and AAO-HNS continue to integrate BridgeWiz/GLIA
 - GLIDES to add 2 new guideline development partners
 - Tools and infrastructure
 - New releases Of BRIDGE-Wiz, eGLIA and GEM
 - ECRI preparing designs for changes to NGC web-site to accommodate GEM-cut content

Challenges: Implementation

- CHOP is focused on optimizing usability and user interface design for managing care of NICU graduates
 - Prototyping approach with iterative refinement of CDS applications works well for optimizing CDS products
 - **Challenge:** Barriers to extending this practice to other implementation partners – e.g., continuing preference for waterfall methodology in some IT shops
- GLIDES implementation partners take individual approaches to bridging output from GEM-cut rules to operational CDSS
 - Flexibility allows support for local workflows/methodologies/guideline needs, etc
 - **Challenge:** capturing these practices

Challenges

- Patient Centered Data Collection (iPad) pilot at Yale is operational
 - Collecting data for formal evaluation to commence in August
 - **Challenge:** Rollout to additional clinics given federal limits on purchasing hardware/software
- New implementation partnership with Alliance of Chicago
 - Reuse of Asthma CDS first deployed at Yale
 - Alliance is a Centricity user and will enhance/implement a new version of the Yale Asthma CDS
 - **Challenge:** Capture adaptation, legal

Challenges:

Knowledge Generation

- AAO-HNS
 - Planning to collect public comment on new guideline (Sudden Hearing Loss—BRIDGE-Wiz) prior to publication (per IOM)
 - **Challenge**: to manage public comment process effectively
- AAP
 - Tendency for developers to back-pedal from BridgeWiz – defined key action statements as text of guideline is written
 - **Challenge**: Addiction to vagueness
- New Guideline Developer Partnerships
 - AUA, ASCO, VA-DoD, Kaiser are candidates
 - **Challenge**: Selection, relationship building/maintenance

Challenges:

Tools and Infrastructure

- New release of GEM in progress
 - New elements, new type that accommodates codes
 - Integration with BRIDGE-Wiz
 - **Challenge**: How to accommodate implementation metadata in GEM III

Status Highlights

Tools and Infrastructure

- IOM: “NGC should provide a clear indication of the extent to which CPGs it receives adhere to standards for trustworthiness”
- ECRI defining factors/criteria for selecting suitable guidelines for Gem-ification and posting of content to NGC
 - knowledge sources
 - implementability
 - trustworthiness
 - ease of transformation
 - weightiness/importance
 - presence of guideline champion
- **Challenge:** How can we know about trustworthiness of development process

GLIDES Areas Of Focus

