Update and Challenges
Technical Expert Panel Meeting, August 2011

GLIDES PROJECT
GuideLines Into DEcision Support
sponsored by
The Agency for Healthcare Research and Quality
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

GLIDES Project Overview