February 2020 CDS Connect Work Group Call
<table>
<thead>
<tr>
<th>Schedule</th>
<th>Topic</th>
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<tr>
<td>3:00 – 3:02</td>
<td>Roll Call, Lisa Ide (MITRE)</td>
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<td>3:02 – 3:05</td>
<td>Review of the Agenda, Maria Michaels (CDC)</td>
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<td>3:40– 3:50</td>
<td>What's New with CDS Connect This Month (MITRE)</td>
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<td>3:50 – 4:00</td>
<td>Open Discussion and Close Out, Maria Michaels (CDC)</td>
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<td>Open discussion and announcements</td>
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<td>Concluding comments, review next steps and adjourn</td>
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Objectives

• Share new features and resources available for CDS Connect
• Review the CDS Connect CPG-on-FHIR Design Changes
• Share lessons learned for use of the CDS Connect
• Discuss topics of interest to members relating to opportunities for CDS Connect
CDS CONNECT CPG-ON-FHIR DESIGN REVIEW

Noranda Brown, MITRE
David Winters, MITRE
Introduction

• During the January work group FHIR Clinical Guidelines (a.k.a. Clinical Practice Guidelines (CPG) on FHIR) was discussed
  ▶ Background on evolution from CDC-sponsored Adapting Clinical Guidelines for the Digital Age initiative
  ▶ Comparison between CPG-on-FHIR and CDS Connect representations of clinical decision support (CDS) metadata
  ▶ Proposal for CDS Connect to more tightly align with CPG-on-FHIR

• During this work group meeting we will be providing a design demonstration which illustrates tighter alignment
  ▶ Seeking and welcoming work group member feedback on this design
Design Objectives

• Multiple knowledge levels of the same CDS should be able to coexist together at different levels of maturity
  ► E.g., have an L2 version that has been reviewed and approved and an L3 version which is draft and marked as experimental

• Artifact metadata should be restructured to align with CPG-on-FHIR and to improve usability
  ► It should be clear to users where to find specific information on an artifact
  ► It should be clear to users when an artifact does not contain a certain kind of information (e.g., file attachments)

• User help/documentation should be improved
  ► E.g., tooltips, links to CPG-on-FHIR metadata definitions
Design Walkthrough

• Please hold questions until the end (see next slide)
Discussion

• Everyone is encouraged to:
  ► Ask questions for clarification
  ► Provide general design feedback, at any level
  ► Share other considerations from your perspective
WHAT’S NEW WITH CDS CONNECT

David Winters and Chris Moesel, MITRE
Updates and New Features

• Prototype Tools
  ► CQL Testing Framework
    − Version 1.2.1: Adds FHIR R4 support
    − Version 2.0.0 (not backwards compatible): Allows users to select CQL version 1.3.x or 1.4.x
  ► Pain Management Summary App
    − Version 0.2.0/0.2.1: Adds FHIR R4 support, Section 508 compliance, and maintenance improvements

• Repository
  ► Application Programming Interface
    − Resolves issue with input NULL values and improves support for PATCH requests
  ► Added tooltips to all artifact metadata fields
  ► Updated artifact knowledge level graphic

• Authoring Tool
  ► Fixed rendering issue with Internet Explorer and Microsoft Edge
  ► Redirect old user guide link to documentation page

• Artifacts
  ► CMS's Million Hearts® Model Longitudinal ASCVD Risk Assessment Tool for Shared Decision Making
  ► CMS's Million Hearts® Model Longitudinal ASCVD Risk Assessment Tool for Updated 10-Year ASCVD Risk
    − Updated Implementation Guide and metadata

Link to CDS Connect: https://cds.ahrq.gov/cdsconnect
ANNOUNCEMENTS, OPEN DISCUSSION AND CLOSE-OUT

Maria Michaels
Office of Public Health Scientific Services
Centers for Disease Control and Prevention
Announcements

• CDS Connect Work Group meetings will now take place from 3:00 – 4:00pm EST to accommodate members’ conflicting obligations.

• CDS Connect will be at HIMSS March 2020—Come Visit Us!
  ▶ AHRQ digital Healthcare Research Findings and Impact
    - Shafa Al-Showk, MPH, CHES
    - Federal Health Pavilion, Theater
    - Tuesday, March 10—2:45-3:05PM
  ▶ Using CDS to Expedite Evidence into Practice
    - Roland Gamache, PhD, MBA, FAMIA
    - Federal Health Pavilion, Theater
    - Wednesday, March 11—2:45-3:05PM
  ▶ Resources on HL7 FHIR
    - Featuring CDS Connect, Inferno, PACIO, Synthea
    - Interoperability Marketplace, Exhibit Hall, Booth 8300
    - Tuesday, March 10 – Thursday, March 12
  ▶ Supporting SEAMLESS CARE for Veterans
    - Pain Management Summary SMART app proof-of concept for PDMP prescription data, plus Veteran personal health plans
    - Interoperability Showcase
    - Tuesday, March 10 – Thursday, March 12