



ADAPTING CLINICAL GUIDELINES FOR THE DIGITAL AGE MEETING

Connect. Collaborate. Understand.

Daily Meeting Agenda

Day 1: February 5, 2018

Registration – 8:00-8:45am

Kickoff and Introductions – 8:45-9:30am

Our opening session will welcome guests and participants.

Senior Leader Stage Setting – 9:30-9:45am

This session will provide CDC senior leadership's perspective on the context, rationale, and desired results of the Adapting Clinical Guidelines for the Digital Age initiative, including how each participant's perspective is critical to the effort. (Speaker: Chesley Richards)

CDC Standards for Guideline Development/Defining the Problem Statement – 9:45-10:15am

This session will provide background on the scientific process behind CDC's guideline development and show examples of the challenges that define the problem being addressed through this meeting. (Speakers: Joanne Cono, Maria Michaels, Abigail Viall)

Introduction to Lean/Kaizen Process/Direct Observation – 10:15-10:45am

This session will provide attendees with a basic overview of Lean and Kaizen methodology and how it will be used throughout the event. It will also include an explanation and demonstration of the first tool in the Kaizen process: direct observation.

Break – 10:45-11:00am

Direct Observation (Breakout) – 11:00am-12:00pm

In this breakout session, groups will apply the direct observation tool to their particular area of focus.

Lunch and Optional Sessions: CDC Approaches to Implementing Guidelines – 12:00-1:15pm

The optional sessions during this lunch break will highlight CDC program examples for guideline implementation.

- 12:15-12:30pm – **Disease Screening Example: HIV** – Priya Jakhmola, Division of HIV/AIDS Guideline Team
- 12:30-12:45pm – **Chronic Condition Management: Heart Disease** – Hilary Wall
- 12:45 - 1:00pm – **Emergency Response Example: Zika** – Dana Meaney-Delman, Sanjeev Tandon
- 1:00 - 1:15pm – **Preparedness Example: Anthrax** – William Bower

Evidence-based Guidelines Affecting Policy, Practice, and Stakeholders (E-GAPPS) – 1:15-1:30pm

This session will focus on the evolution of the Evidence-Based Guidelines Affecting Policy, Practice, and Stakeholders (E-GAPPS) conference, including milestones, results, and relationships. (Speaker: Thomas Getchius)

Real Time Direct Observation – Clinical – 1:30-1:45pm

This session will provide participants with a real time look into how clinical guidelines are utilized in practice today

Introduction to Current State Mapping – 1:45pm-2:00pm

This session will show participants how to turn the direct observation knowledge gained in each breakout session into a visual map of the “current state” that shows the process flow.

Direct Observation – Continued – and Current State Mapping (Breakout) – 2:00pm-4:15pm

During this breakout session, the groups will finish up their direct observations and start to create their current state maps to visually represent the process flow.

Report Outs – 4:15-4:45pm

This session will include a report out of the reflections from the day and reflections on the process.

After Action Review and Day 2 Preview – 4:45-5:00pm

This session will wrap up the day’s events and preview the next day’s agenda.

Day 2: February 6, 2018

Registration – 8:00-8:45am

Introduction to Day 2/Recap of Day 1 – 8:45-9:00am

This session will provide an overview of yesterday’s events and progress, and prepare participants for the day ahead.

Current State Mapping – Continued (Breakout) – 9:00-10:45am

In this session, participants will continue building out the current state maps started on Day 2.

Current State Show and Tell – 10:45-11:30am

This session will give each breakout group an opportunity to share an overview of their current state maps and take questions.

Lunch and Optional Sessions: Health IT Standards for Clinical Decision Support – 11:30-1:00pm

The optional sessions during this lunch break will focus on standards for Clinical Decision Support (CDS).

- 11:45am-12:00pm – **Introduction to Standards** – Jon Duke
- 12:00-12:15pm – **InfoButton** – Catherine Staes
- 12:15-12:35pm – **Fast Healthcare Interoperability Resources (FHIR) and SMART on FHIR** – Kenneth Mandl
- 12:35-12:45pm – **CDS Hooks** – Kirsten Hagemann
- 12:45 - 1:00pm – **Clinical Quality Language (CQL)** – Bryn Rhodes

Clinical Logical Models – 1:00-1:30pm

This session will provide an overview of why implementing the same data model across systems is critical for interoperability. (Speakers: Frank Opelka, Stan Huff)

CDS Connect Demo – CDS Repository and Authoring Tool – 1:30-2:00pm

This session will demonstrate how evidence-based care can be more rapidly incorporated into clinical practice through interoperable decision support using the CDS Connect repository and authoring tool. (This tool was developed under the sponsorship of the Agency for Healthcare Research and Quality.) (Speakers: Ed Lomotan, Rob McCready, Sharon Sebastian)

Ideal State Creation, Waste Identification, and 5 Whys – 2:00-2:45pm

This session will show participants how to create an ideal state, identify waste within the current process, and perform root cause analysis using a tool known as the “5 Whys.”

Current State Map Waste Identification (Breakout) – 2:45-4:15pm

This breakout session will include creating an ideal state, identifying waste that exist in the current state, and performing root cause analysis to better understand what is impeding the process from being at an ideal state.

Report Outs – 4:15-4:45pm

This session will include a report out of the reflections from the day and reflections on the process.

After Action Review and Day 3 Preview – 4:45-5:00pm

This session will wrap up the day’s events and preview the next day’s agenda.

Day 3: February 7, 2018

Registration – 8:00-8:45am

Introduction to Day 3/Recap of Day 2 – 8:45-9:00am

This session will provide an overview of yesterday’s events and progress, and prepare participants for the day ahead.

MAGICapp in the Evidence Ecosystem – 9:00-9:15am

This session will present a method used by European colleagues to develop and publish well-structured electronic guidelines, evidence summaries, and decision aids. (Speaker: Per Olav Vandvik)

GEM/GLIA/BridgeWiz/GEM Cutter – 9:15-9:30am

This session will provide an overview of the XML-based Guideline Elements Model (GEM) and describe the GuideLine Implementability Appraisal (GLIA). It will also provide an overview of BridgeWiz, a tool that helps build well-structured guidelines, and GEM Cutter, a tool helps facilitate transforming existing textual guidelines into GEM-formatted XML.(Speaker: Richard Shiffman)

Guideline Implementation with Decision Support (GUIDES) – 9:30-9:45am

This session will present a checklist/tool known as Guideline Implementation with Decision Support (GUIDES) deigned to assist professionals when implementing guidelines with Clinical Decision Support. (Speaker: Stijn van de Velde)

Break – 9:45-10:00am

Introduction to Future State – 10:00-10:15am

This session will show participants how to create a visual map of a “future state” process.

Future State Creation (Breakout) – 10:15-11:45am

During this breakout session, groups will visually map out what a future state process could be for their particular area of focus.

Lunch and Optional Sessions: Integrating Scalable, Interoperable CDS – 11:45am-1:00pm

The optional sessions during this lunch break will focus on examples of successful guideline implementation and lessons learned.

- 12:00-12:15pm – **Gonorrhea Treatment Guidelines Project** – Ninad Mishra, Blackford Middleton
- 12:15-12:30pm – **Infectious Disease Prevention Example: CDSi** – Stuart Myerburg
- 12:30-12:45pm – **Electronic Case Reporting (eCR)** – Laura Conn
- 12:45- 1:00pm – **Visual Abstracts** – Andrew Ibrahim

Future State Creation – Continued (Breakout) – 1:00-4:15pm

During this breakout session, groups will continue to visually map out what a future state process could be for their particular area of focus.

Report Outs – 4:15-4:45pm

This session will include a report out of the reflections from the day and reflections on the process.

After Action Review and Day 3 Preview – 4:45-5:00pm

This session will wrap up the day's events and preview the next day's agenda.

Day 4: February 8, 2018

Registration – 8:00-8:45am

Introduction to Day 4/Recap of Day 3 – 8:45-9:00am

This session will provide an overview of yesterday's events and progress, and prepare participants for the day ahead.

Introduction to Implementation and Metrics – 9:00-9:45am

This session will provide training on how to implement process changes and create measures that provide real time data for adjustment.

Create Project Plan, Implementation Roadmap, and Metrics (Breakout) – 9:45-11:45am

During this breakout session, each group will create a plan of what it would take to implement the future state. This will include visually mapping out what steps would need to be taken and what metrics could be collected to determine if the new process is meeting the group's goals.

Lunch and Networking – 11:45am-1:00pm

Introduction to Implementation Mock-Ups – 1:00-1:30pm

This session will provide an overview of how to create a first pass design of proposed future state solutions with a focus on human-centered design techniques.

Senior Leader Show and Tell – 1:30-3:30pm

This session will showcase all of the work done throughout the week. Leadership and participants will observe each group's current and future state maps, and groups will give an overview of their progress and answer questions.

Pilot Implementation and Next Steps – 3:30-4:15pm

This session will allow participants to highlight challenges around potential pilots for future state solutions, and determine successful next steps.

Leadership Reflections and Final Report Out/Next Steps – 4:15-4:45pm

This session will include a report out of the reflections from the day and reflections on the process, both from participants and leadership.

After Action Review and Recognitions – 4:45-5:00pm

This final session will wrap up our event and recognize those who have helped contribute to its success.

Day 5: February 9, 2018 (In Person Only – Optional)

This February 9th session may be cancelled in the event that there is no budget or continuing resolution passed by the deadline on February 8, 2018.

Mock-up Creation – 8:45-10:45am

In this session, participants will create a mock-up of how the future state of each value stream group could be applied in the post-Kaizen implementation that will be piloted on a guideline.

Mock-up Feedback Session – 10:45am-12:00pm

In this session, participants will provide feedback on and make updates to the mock-ups created by each value stream group.