



CDS (Clinical Decision Support) Connect Work Group
Meeting Summary
 March 19, 2020
 3:00-4:00 pm ET

Attendees: 51 people including 10 phone dial-ins (61 total)

Organization	Attendee Names
AHRQ Members	Ed Lomotan, Roland Gamache, Shafa Al-Showk (3)
Work Group (WG) Members	<p>Maria Michaels (MM), Ryan Mullins, Randolph Barrows, Joe Bormel, Syed Sameemuddin, Andrey Soares, Bill Lober, Kim Bryan, Diane Montella, Dwayne Hoelscher, Jeremy Michel, Julie Gervais, Linda Wedemeyer, Maggie Dorr, Noam Artz, Preston Lee, Raajiv Ravi, Anthony (unidentified last name) (18)</p> <p>Apurva Desai, Chris d’Autremont, Dan Malone, Edna Boone, Matt Storer, Maggie Dorr, Kristen Miller (KM), Rebecca Rasky, Richard Boyce, Rina Dhopeshwarkar, Beatriz Rocha, Ruben Nazario, Sandra Zelman Lewis, Stephen Johnson, Danny van Leeuwen, David Dorr, Julia Skapik, Joshua Richardson, Steve Bernstein, Steve Johnson (20)</p> <p>10 phone dial-ins (10)</p>
MITRE CDS Connect Members	Eileen Chang, Matt Coarr, Lacy Fabian, Susan Haas, Chris Moesel, Noranda Brown, David Winters, Tom Read, Michelle Lenox, Dylan Mahalingam, John Boiney (11)

MEETING OBJECTIVES

- Presentation by Kristin Miller (MedStar Health): *Lessons Learned in CDS Usability: Mobilizing a Million Hearts (ONC LEAP) & Quantifying Efficiencies in Shareable CDS (AHRQ)*
- Share new features and resources available for CDS Connect
- Discuss topics of interest to members relating to opportunities for CDS Connect/HIMMS
- Closing

ACTION ITEMS

- WG members are invited to share ideas on CDS project maintenance beyond initially funded development period and thoughts on changing perceptions on CDS market needs.



CDS Connect

MEETING SUMMARY

Following roll call and review of agenda, MM presented a timely special announcement on CoVID-19, highlighting the CDC site <https://www.coronavirus.gov/> (or <https://www.cdc.gov/coronavirus/2019-ncov/>). WG members relayed anecdotes about social distancing from Shanghai, China and Italy, as well as limitation of machine learning data models that have not adequately captured disease progression by not bundling time in with data elements.

Presentation: Lessons Learned in CDS Usability: Mobilizing a Million Hearts (ONC LEAP) & Quantifying Efficiencies in Shareable CDS (AHRQ)

Kristen Miller (MedStar) presented work on lessons learned in researching, developing, testing, and piloting a dynamic risk calculator for use by clinicians and patients during a clinical encounter. Dr. Miller showed a video demonstrating the implemented risk calculator being activated and used within the electronic health record system.

Discussion

- Was noted by a WG member that patients and caregivers appeared absent from the view shown of the process change in shareable CDS. It was clarified by an AHRQ member that patients are not typically part of the CDS development process in the current state but that the AHRQ CDS initiative is working to improve this through patient engagement.
- WG member asked about approach to triggering CDS during an encounter. They shared their clinical decision support effort on cardiovascular risk, where they proactively triggered not on all patients with risk factors, but rather chose to trigger on patients with reversible risk factors. KM elaborated that they found the risk calculator activated by clinicians more for those patients with borderline risk, rather than high-risk patients. The ready access to the risk calculation value was enough in supporting clinician's decision making on next steps.
- The question of maintenance plans beyond the project funding period was raised by MM. KM raised the issue of responsibility of technical support once development efforts are no longer funded. A member shared that in their experience, transitioning their tool was challenged by the perception that very large technology companies were targeting this space, and so there is limited opportunity for others. This perception reduced interest in the tool and led to maintenance being supported by additional grants. Suggestions for changing these perceptions or feedback on other ideas for addressing maintenance would be welcomed by federal funders.

What's New with CDS Connect

The MITRE team shared information about updates and new features for the prototype tools, repository, authoring tool and artifacts.

Questions from Work Group (WG) Members

There were no questions from WG Members.



CDS Connect

Announcements / Other Questions

1. MM shared a late-breaking announcement that HIMSS will be presenting a special webinar on March 23rd regarding CoVID-19 in Italy and Germany
 - <https://www.himsslearn.org/italy-and-germany-facing-covid-19?event-regiter-tag=16187>

Closing