SEER*DMS MU2 Work Group
Teleconference Summary
August 22, 2019
3:00 to 4:30 p.m. EDT

Representatives from NCI, IMS, the Scientific Consulting Group, Inc. (SCG), and seven cancer registries participated in the SEER*DMS MU2 Work Group (WG) conference call on August 22, 2019. Participants included:

REGISTRIES:
California
Georgia
Iowa
Louisiana (Brent Mumphrey, Chair)
Minnesota
New Jersey
Utah

NCI: Peggy Adamo

IMS: Suzanne Adams, David Angelaszek, Linda Coyle

SCG: Kathy Brown-Huamani, rapporteur

Action Items

- IMS staff will meet to discuss a method for indicating that CDAs were reviewed.
- Registries should send CDAs that do not look right in HTML View to IMS for examination.
- The Utah registry representative agreed to send IMS staff a file containing a few CDAs that appear problematic in HTML View.
- Jamal Johnson and Brent agreed to forward test messages from Flatiron to IMS when received.
- Jamal and Brent also agreed to send samples of actual MU3 data to IMS via a Squish issue.
- The Iowa registry representative agreed to load the MU3 data it received from Epic into the test server for IMS review.

Electronic Health Record (EHR) Dashboard Update

IMS is working on several action items related to the Dashboard that came out of the July SEER MU2 WG meeting. One of the larger tasks involves casefinding from CDA and Claims data, which will change the way records create AFLs. IMS is working on changing the design of AFLs so that more than one record can point to the same AFL (e.g., multiple CDAs or Claims for the same case and facility). The same approach eventually will be applied to all records to avoid duplicates, but not in the near future because of the time and effort required to implement for all record types. IMS will begin by having EHRs create AFLs when the patient is not in the system at all.

Discussion

Participants asked if multiple types of records could be pointed to a single AFL (e.g., HL7 and casefinding records). The goal is to point all types of records to a single AFL so that the system does not contain more AFLs than are necessary. This approach will be applied to the pre_record table first. AFL pre_record work is estimated to be completed in 1 to 2 months. Registry staff will be able to create AFLs for records already in the pre_record table. Once these changes are made, it will be possible to send pre_record data back into the workflow to create AFLs.

Patient Sets without CTCs **Linda Coyle**

IMS staff met to develop a plan for creating patient sets without CTCs. The reason for this change is the amount of record data for a single case (e.g., pathology reports, CDAs, and claims) that remains unlinked until an abstract is received. EHRs and HL7s provide rich data that should be available sooner. The plan, therefore, is to create patient sets without CTCs so that all data for a single patient can be integrated into the patient set. This change will require substantial revision of the source code by IMS and will take a few months.

Discussion

Participants generally responded positively to this plan.

Changing the Dashboard to Include Parent Facility

IMS is changing the Dashboard to list subsidiary facilities under the parent facility. At this point, the Facility Table supports the concept of a parent and subsidiary facility. Users can open a facility and select the parent for that facility. All information for each selected subsidiary facility also will be listed under the parent facility in the Dashboard. The full change to a Dashboard that supports parent and subsidiary facilities is being tested at IMS.

Processing and Using CDAs

AFLs only will be created for CDAs that do not match a patient set. Although it is also possible to create AFLs for CDAs that do not match a CTC, Linda recommended initially limiting AFLs to the CDAs that the registries most want to identify. In addition, creating AFLs that do not match a CTC is more likely to generate duplicates because new tumors will be reported on records other than CDAs, such as pathology reports. The creation of AFLs that do not match a patient set should address most of the concerns regarding follow back and casefinding that were expressed by the Iowa cancer registry representative during the last MU2 WG call.

Participants discussed approaches for processing CDAs that match a CTC. A method is needed to indicate that CDAs were reviewed. The CDA and Claims interface could be used to indicate that all CDAs available up to a specific point in time were reviewed. IMS staff will meet to discuss this issue.

Discussion

Participants discussed the process for indicating which CDAs were reviewed. Linda noted that the best approach would be to flag all CDAs reviewed at a specific point in time. A method is needed for determining the CDAs that need to be reviewed to limit the workload at registries. The WG should identify and prioritize the types of information that indicate a CDA is worth reviewing. More experience reviewing more CDAs will allow registry staff to identify the types of data that indicate a CDA is worth reviewing. Participants noted that new chemotherapy drug information would suggest that a CDA merits review.

HTML View

A participant asked how well the HTML View was tailored to MU requirements. IMS has not examined HTML View to date. David noted that HTML View was designed to handle MU3 and other MU formats moving forward.

Participants wanted to know if some CDAs do not meet the MU standard. Linda and David asked that registries send IMS the CDAs that do not look right in HTML View for further examination. The Utah registry representative agreed to send IMS staff a few CDAs that appear problematic.

Flatiron Testing for MU3

The Louisiana and New Jersey registries have been contacted by Flatiron to begin testing MU3 data. IMS staff would like samples of MU3 data to test their algorithms. Registries with MU3 data should use the MU3 import developed by IMS and submit their MU3 data as a Tech Support Squish issue. The representatives from the New Jersey and Louisiana registries agreed to forward test messages from Flatiron to IMS. The Iowa registry also has received MU3 data from Epic and the registry representative agreed to load those data into the test server for IMS review.

Next Meeting
The next SEER*DMS MU2 WG meeting is scheduled for September 26, 2019.