

Digitizing Working Group Notes from Webex call on 29 May 2020 https://mcmaster.webex.com/meet/rise

1. WELCOME NEW MEMBERS

• There were no new members

Participants to call: Alfonso Iorio Brian Alper Chris Mavergames Gabriel Rada Gunn Vist James Thomas Jerry Osheroff Jon Brassey Kaelan Moat Laura Slaughter Lesley Stewart Linn Brandt

• Several people suggested they are having trouble connecting to the MS Teams (Lesley, Linn, Jon).

ACTION: Safa to follow-up with them to sort out any issues with connecting with MS Teams

1. FOLLOW-UP ON ACTION ITEMS

- a. Terms of reference have been shared with John to post on website
- b. Responses from other Working Groups:
 - i. Synthesizing
 - Coordinate across different databases so that they can share and speak across and to each other to reduce need to search across multiple databases Google document : <u>https://docs.google.com/document/d/1t2vtgVs4IwcJ2-</u> <u>zc8SypON7OKldV qK9iuJ UVK7WJY/edit</u>
- Linn asked that all add-in comments and descriptions with the Google document (request edit access if do not already have it)
- Standard for data exchange would facilitate mapping of data from any source, with potential to combine vs. doing pairwise comparisons.
- Can have tailored packages of data from the same standard; can be simple (e.g. citation, quality check, diagnosis, prognosis) or highly complex (using evidence report standard to generate highly detailed summary of findings)

• Frame issue around potential use cases:

1) administrators of major repositories (many of which are part of this group)

2) smaller repository making a CSV or RIS available through website from different sources

3) review team trying to check what they have.

- Need to engage with all three groups, though this working group and COVID-END uniquely placed to address 1st use case, 2nd and 3rd use case may be more complicated.
- Chris described mock-up (described at the bottom of google doc). Export mechanism (API) matching against Pubmed or NCIT IDs that users then merge themselves. Requires user to carry file to multiple places, but streamlines workflow that people already use
 - Starting with IDs but once tested, can use multiple parts of standard.
 - Once in testable form, ideal to test within live review team and iteratively inform data standard
 - Brian described experience within COKA of multiple DOIs points to the same IDs (e.g. for multiple letters held in one file or when an ID is retired) and the need to follow the trail of linked documents
- Gabriel described function within Epistemonikos to upload RIS file, identify all IDs, compare between repositories
 - Informative for informing collaboration (inter-change articles, sharing IDs)
 - Using Cochrane and Epistemonikos as test case, with the addition of other existing repositories as this develops
- Two approaches describe complementary workflows, one as updating an RIS file and the other identifying the marginal add from additional repository
- Combine using API, declaring which IDs to handle, specifying which fields expect to be returned and how they will be tagged, which will also develop understanding of potential for sharing meta-data
- Eventual testing of mock-ups to Synthesizing working group (ideally in real review) and then in larger partners group

ACTION: All working group members to comment on google document and add descriptions of mock-ups and testable ideas

2. DISCUSSION OF SOLUTIONS FOR WORKING GROUPS

- a. Synthesizing
 - 2) Lack of transparency and reliability of existing technological tools and integration of technological tools across the evidence synthesis system (from searching to data extraction)

b. Packaging

- 1) Ensuring that rapidly evolving priorities and evidence is continually updated in ways that are relevant to different audiences (research, clinical, decision-makers, public)
- 2) Organize and respond to variations in evidence relevant to COVID-19 and its consequences in different contexts; how to support contextualizing of evidence and pulling in the adjacent evidence that is uniquely relevant in different contexts.
- 3) Misinformation detector
- Need 2-3 use cases to help understand Packaging-identified concerns
- Intended as way to detect myths and un-truths about COVID-19
- Group also discussed importance of correct document description in repositories (e.g. classification by type of document)

ACTION: Anna to liaise back with the Packaging group to develop description of use case/problem description

- c. Sustaining
 - 1) How can digital solutions help us achieve our COVID-END goals of working together better, faster and more efficiently?
 - 2) Can digitizing group help with understanding and measuring the outputs from our logic model?
- Not discussed at this meeting

3. ANY OTHER BUSINESS

- a. Work that can be done by student support
- Not discussed at this meeting