OHDSI’s Collaboration with the FDA Best Program

OHDSI Community Call
March 23, 2021 • 11 am ET
### March/April OHDSI Community Calls

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OHDSI Challenge

The Rise and Fall of Hydroxychloroquine
Here is my go at it! This is a depiction from our CHARYBDIS project of how the use of Hydroxychloroquine has changed over time over several settings around the world. I think it tells two great stories. The first on how bad science, bad politics, uncertainty and fear can sometimes make us take hasty decisions, but also, how good, well thought and performed science, acknowledgment of uncertainty, and good communication can also reverse them quickly. The second one on how, even in crazy times and with some bad actors trying to make profit of it, communities of involved citizens and scientists, such as OHDSI (and many more), in a collective thoughtful effort can quickly produce rigorous evidence that has great impact on worldwide policy and on people’s lives.

P.D.: Thank you to the greater community and to all the people who have made CHARYBDIS possible!

See less
OHDSI Challenge

General
OHDSI Challenge March 2021
OHDSI coordinating center administration
OHDSI Meme-a-thon
Teams Best Practices and Guidance
Technical support

OHDSI Challenge - March 2021 - COVID Visualizations
The OHDSI community has generated a large array of evidence throughout the pandemic, including characterization (CHARITYDS), estimation (SCYLLA, hydroxychloroquine studies), and prediction (COVER). We have other efforts in the works, including EUAMEUS and AEIS/IncidenceCharacterization. We also have plenty more work across community or locally. And that's on top of work that someone could do de novo using OHDSI standardized tools, like ATLAS and HADES.

Sometimes though, even with all that evidence, it can be hard to tell a story. So, if a picture is worth a thousand words, what one visualization using OHDSI tools/data/results tells the most compelling story that touches on the COVID pandemic?

The challenge: We are asking community collaborators to submit a static image (something that could be scaled to print 8.5x11, landscape or portrait) or link to an interactive visualization that stands on its own, and then accompany it with a 1-paragraph summary of why you think the image tells a compelling story.

This image could be something that's already sitting in one of our papers or out on data.ohdsi.org, which you could use as is, or perhaps you could augment it to help tell your story (if you do alter a graphic from another study, please add an attribution). Perhaps it could be a new graphic that you produce based on available results, or even something produced based on new analysis.

Whatever the graphic is, we want to know why it's meaningful to you — and perhaps why it should be meaningful to all of us.

All submissions should be posted in the OHDSI team in the channel "OHDSI Challenge - March 2021" by Thursday, March 25, at 8 pm ET. On the March 30 community call, we will review the visualization gallery and recognize the contributions.

See more

2 replies

Mengchen Gong (Guest) 3/5 5:10 AM
Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?
OHDSI Shoutouts!

OHDSI Shoutouts!

Congratulations to Torunn Elise Sivesind, Taylor Runion, Megan Branda, Lisa Schilling, and Robert Dellavalle on this study published in Dermatology: Dermatologic Research Potential of the Observational Health Data Sciences and Informatics (OHDSI) Network.
OHDSI Shoutouts!

Any shoutouts from the community? Please share and help promote and celebrate OHDSI work!

Have a study published? Please send to sachson@ohdsi.org so we can share during this call and on our social channels. Let’s work together to promote the collaborative work happening in OHDSI!
Three Stages of The Journey

Where Have We Been?
Where Are We Now?
Where Are We Going?
## Upcoming Workgroup Calls

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<tr>
<th>Date</th>
<th>Time (ET)</th>
<th>Meeting</th>
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<tr>
<td>Wednesday</td>
<td>12 pm</td>
<td>Data Quality Dashboard Development</td>
</tr>
<tr>
<td>Thursday</td>
<td>10 am</td>
<td>Medical Devices</td>
</tr>
<tr>
<td>Thursday</td>
<td>11 am</td>
<td>Latin America</td>
</tr>
<tr>
<td>Thursday</td>
<td>1 pm</td>
<td>OMOP CDM Oncology – CDM/Vocabulary Subgroup</td>
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<tr>
<td>Monday</td>
<td>11:30 am</td>
<td>Pharmacovigilance Evidence Investigation (PEI)</td>
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<tr>
<td>Tuesday</td>
<td>9 am</td>
<td>OMOP CDM Oncology – Genomic Subgroup</td>
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[www.ohdsi.org/upcoming-working-group-calls](http://www.ohdsi.org/upcoming-working-group-calls)
The next APAC Community Call will be this Wednesday/Thursday, and will focus on OHDSI APAC Network research. Presenters will be Yuan Lu and Lei Feng. Calls are hosted within the OHDSI APAC Team environment.
Next APAC Community Call

Our new OHDSI APAC web page (ohdsi.org/apac) is now live and will host the recordings of previous OHDSI APAC calls, as well as more information from the regional chapters.
OHDSI is a global, multi-stakeholder, interdisciplinary and open-science network that collaborates to bring out the value of health data through large-scale analytics. Our Asia-Pacific (APAC) community comprises six regional chapters (Australia, China, Japan, Singapore, South Korea, Taiwan) and has led important OHDSI initiatives around the world.

The First OHDSI APAC Symposium was held virtually Dec. 5-6, 2020, and it provided an opportunity for our Asia-Pacific collaborators (along with others around the world) to share research, provide community updates, collaborate in regional breakouts or network discussions, and have some OHDSI fun.
The first session of the CBER BEST Initiative Seminar Series will be held tomorrow at 11 am ET.

Dr. Daniel Salmon, a member of the Johns Hopkins Bloomberg School of Public Health, will present “Vaccine Safety Surveillance Systems for Routine and Pandemic Immunization Programs.”

Registration is free: https://northeastern.zoom.us/webinar/register/WN_Sa3_Um_ISrm-lamtSUWfLA
CDM Brainstorm Session March 30

The CDM workgroup has scheduled a special two-hour planning session for CDM 5.4 next Tuesday, March 30, at 1 pm in the CDM Teams environment. Clair Blacketer has shared a proposed list of changes.

Please join for some or all of the meeting if you are interested in helping shape the next update of the OMOP CDM.

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**Start with v5.3 -> v5.4?**

**Easy Additions**

- PROCEDURE_OCCURRENCE
  - PROCEDURE_STATUS_CONCEPT_ID
  - Similar to CONDITION_STATUS_CONCEPT_ID #376 - maybe
- LOCATION_CONCEPT_ID
  - Make the location table international #365
  - Do we also need REGION_CONCEPT_ID and COUNTRY_CONCEPT_ID or is that subsumed by LOCATION_CONCEPT_ID?
- UDI field in DEVICE_EXPOSURE
  - Make 250 characters to allow all permutations of UDI - technically just a DDL change
- UNIT_CONCEPT_ID in DEVICE_EXPOSURE #264
- UNIT_SOURCE_CONCEPT_ID in MEASUREMENT #259
- Representation of infusion rates - is this solved with DOSE_UNIT_SOURCE_VALUE #224
- Add METADATA_ID and VALUE_AS_NUMBER to METADATA #202
- Add VALUE_SOURCE_VALUE to OBSERVATION #193
- Change CDM_VERSION in CDM_SOURCE to numeric and use a concept_id #306
  - Also "technically" breaking but really a DDL change
- Add DEATH_DATE alongside the DEATH table?
  - Add DEATH_TYPE_CONCEPT_ID to PERSON
- EPISODE and EPISODE_EVENT

**Potentials**

- Rename VISIT_DETAIL_PARENT_ID to PARENT_VISIT_DETAIL_ID #229
  - This is "technically" breaking but I don't believe any standard processes currently reference it.
- GENDER_CONCEPT_ID
  - Changing this to SEX_CONCEPT_ID would be a breaking change. Should we add it instead and keep both fields?
- PROCEDURE_END_DATETIME #236
  - Agree, convention that if no end_datetime then set to start_datetime
  - This would necessitate the addition of procedure_start_datetime or renaming of procedure_date
  - Instead, add length of procedure to get around the breaking change

MBLACK@ITS.JHU.EDU
2021 OHDSI Symposium

Save The Dates

The 2021 OHDSI Symposium will be held Sept. 12-15.

More details will be announced when available, but please save those dates for the highlight event of the OHDSI year! #JoinTheJourney
Where Are We Going?

Any other announcements of upcoming work, events, deadlines, etc?
Three Stages of The Journey

Where Have We Been?
Where Are We Now?
Where Are We Going?
March 23 Community Call Topic

OHDSI Collaboration with FDA Best Program

FDA BEST Overview; Research Methods Development – Incidence Rates for Vaccine Safety
George Hripcsak, Chair and Vivian Beaumont Allen Professor of Biomedical Informatics, Columbia University

Research Methods Development – Small Sample Meta-Analysis, EUMAEUS
Marc Suchard, Professor in the Departments of Biomathematics and of Human Genetics in the David Geffen School of Medicine at UCLA

FDA Workshops and Seminar Series
David Madigan, Provost and Senior Vice-President for Academic Affairs, Northeastern University

Training and Engagement
Rita Kukafka, Professor of Biomedical Informatics and Sociomedical Sciences, Columbia University