Learning From Eachother

Breakout Sessions (ATLAS, HADES, ETL)

OHDSI Community Call
March 2, 2021 • 11 am ET

March/April OHDSI Community Calls

Date	Topic
March 2	Network Breakouts (ATLAS, HADES, ETL)
March 9	Working Groups Updates (Oncology, Psychology, NLP, Medical Devices)
March 16	Community Presentations (Theme: Advances in Patient-Level Prediction)
March 23	Focus Topic: OHDSI Work with FDA Best program
March 30	OHDSI Challenge
April 6	Open Network Studies
April 13	10-Minute Tutorials
April 20	Community Presentations (Theme: Local Impacts of OHDSI)
April 27	OHDSI Networking Session

March OHDSI Community Calls

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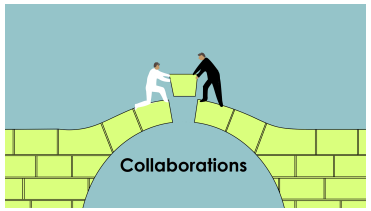
Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?

OHDSI Partners with HL7



HL7 International and OHDSI Announce Collaboration to Provide Single Common Data Model for Sharing Information in Clinical Care and Observational Research

Health Level Seven International (HL7®) and the Observational Health Data Sciences and Informatics (OHDSI) network today announced a collaboration to address the sharing and tracking of data in the healthcare and research industries by creating a single common data model. The organizations will integrate HL7 Fast Healthcare Interoperability Resources (FHIR®) and OHDSI's Observational Medical Outcomes Partnership (OMOP) common data model to achieve this goal.

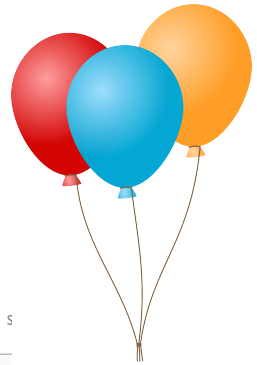
HL7 International CEO Dr. Charles Jaffe, M.D., Ph.D., underscored the significance of this partnership. "The Covid-19 pandemic has emphasized the need to share global health and research data." He continued, "Collaboration with OHDSI is critical to solving this challenge and will help our mutual vision of a world in which everyone can securely access and use the right data when and where they need it."

The organizations will align their standards to capture data in a clearly defined way into a single common data model. This will allow clinicians as well as researchers to pull data from multiple sources and compile it in the same structure without degradation of the information. This endeavor has global implications with the potential to permit the clinical community to define the elements they need, package and share them in a consistent single structure.

"We are excited to have the OHDSI community join this partnership with HL7 to evolve community standards around observational research and clinical care," said George Hripcsak, MD, MS, OHDSI's coordinating center director. "These standards set the foundation for our mission of global, open-science research, and this partnership will accelerate the development of effective and safe treatments for diseases facing today's global population."

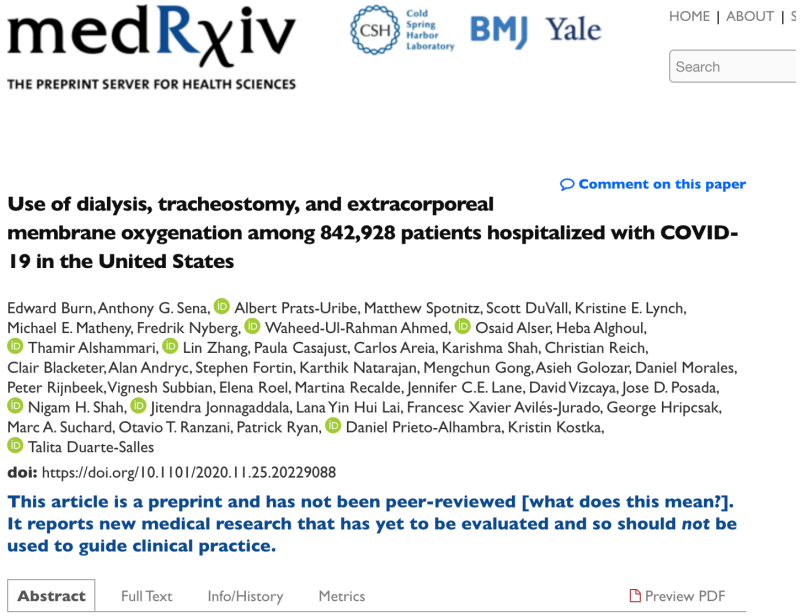
https://www.ohdsi.org/ohdsi-hl7-collaboration/

OHDSI Shoutouts!



Congrats to Edward Burn, Anthony G. Sena, Albert Prats-Uribe, Matthew Spotnitz, Scott DuVall, Kristine E. Lynch, Michael Matheny, Fredrik Nyberg, Waheed- Ul-Rahman Ahmed, Osaid Alser, Heba Alghoul, Thamir Alshammari, Lin Zhang, Paula Casajust, Carlos Areia, Karishma Shah, Christian Reich, Clair Blacketer, Alan Andryc, Stephen Fortin, Karthik Natarajan, Mengchun Gong, Asieh Golozar, Daniel Morales, Peter Rijnbeek, Vignesh Subbian, Elena Roel, Martina Recalde, Jennifer C.E. Lane, David Vizcaya, Jose D. Posada, Nigam H. Shah, Jitendra Jonnagaddala, Lana Yin Hui Lai, Francesc Xavier Avilés-Jurado, George Hripcsak, Marc A. Suchard, Otavio T. Ranzani, Patrick Ryan, Daniel Prieto-Alhambra, Kristin Kostka, and Talita Duarte-Salles on this recent MedRxiv Preprint: "Use of dialysis, tracheostomy, and extracorporeal membrane oxygenation among 842,928 patients hospitalized with COVID-19 in the United States."

Community feedback is welcome!



medRxiv
THE PREPRINT SERVER FOR HEALTH SCIENCES

CSH Cold Spring Harbor Laboratory BMJ Yale

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Comment on this paper

Use of dialysis, tracheostomy, and extracorporeal membrane oxygenation among 842,928 patients hospitalized with COVID-19 in the United States

Edward Burn, Anthony G. Sena, Albert Prats-Uribe, Matthew Spotnitz, Scott DuVall, Kristine E. Lynch, Michael E. Matheny, Fredrik Nyberg, Waheed-Ul-Rahman Ahmed, Osaid Alser, Heba Alghoul, Thamir Alshammari, Lin Zhang, Paula Casajust, Carlos Areia, Karishma Shah, Christian Reich, Clair Blacketer, Alan Andryc, Stephen Fortin, Karthik Natarajan, Mengchun Gong, Asieh Golozar, Daniel Morales, Peter Rijnbeek, Vignesh Subbian, Elena Roel, Martina Recalde, Jennifer C.E. Lane, David Vizcaya, Jose D. Posada, Nigam H. Shah, Jitendra Jonnagaddala, Lana Yin Hui Lai, Francesc Xavier Avilés-Jurado, George Hripcsak, Marc A. Suchard, Otavio T. Ranzani, Patrick Ryan, Daniel Prieto-Alhambra, Kristin Kostka, Talita Duarte-Salles

doi: https://doi.org/10.1101/2020.11.25.20229088

This article is a preprint and has not been peer-reviewed [what does this mean?]. It reports new medical research that has yet to be evaluated and so should *not* be used to guide clinical practice.

Abstract | Full Text | Info/History | Metrics | Preview PDF

Abstract

Objective To estimate the proportion of patients hospitalized with COVID-19 who undergo dialysis, tracheostomy, and extracorporeal membrane oxygenation (ECMO).

Design A network cohort study.

OHDSI Shoutouts!

The CHARYBDIS 1.0 manuscript has been submitted for peer review, and is now available as a preprint via ResearchSquare.

Congrats to Kristin Kostka, Talita Duarte-Salles, Albert Prats-Uribe, Anthony Sena and the ENTIRE CHARYBDIS team on this important work!

Research Square

COVID-19 Preprints Browse

This is a preprint, a preliminary version of a manuscript that has not completed peer review at a journal. Research Square does not conduct peer review prior to posting preprints. The posting of a preprint on this server should not be interpreted as an endorsement of its validity or suitability for dissemination as established information or for guiding clinical practice.

BIOLOGICAL SCIENCES - ARTICLE

Unraveling COVID-19: a large-scale characterization of 4.5 million COVID-19 cases using CHARYBDIS

Daniel Prieto-Alhambra, Kristin Kostka, Talita Duarte-Salles, Albert Prats-Uribe, Anthony Sena, Andrea Pistillo, Sara Khalid, Lana Lai, Asieh Golozar, Thamir M Alshammari, Dalia Dawoud, Fredrik Nyberg, Adam Wilcox, Alan Andryc, Andrew Williams, Anna Ostropolets, Carlos Areia, Chi Young Jung, Christopher Harle, Christian Reich, Clair Blacketer, Daniel Morales, David A. Dorr, Edward Burn, Elena Roel, Eng Hooi Tan, Evan Minty, Frank DeFalco, Gabriel de Maeztu, Gigi Lipori, Heba Alghoul, Hong Zhu, Jason Thomas, Jiang Bian, Jimyung Park, Jordi Martínez Roldán, Jose Posada, Juan M Banda, Juan P Horcajada, Julianna Kohler, Karishma Shah, Karthik Natarajan, Kristine Lynch, Li Liu, Lisa Schilling, Martina Recalde, Matthew Spotnitz, Mengchun Gong, Michael Matheny, Neus Valveny, Nicole Weiskopf, Nigam Shah, Osaid Alser, Paula Casajust, Rae Woong Park, Robert Schuff, Sarah Seager, Scott DuVall, Seng Chan You, Seokyoung Song, Sergio Fernández-Bertolín, Stephen Fortin, Tanja Magoc, Thomas Falconer, Vignesh Subbian, Vojtech Huser, Waheed-Ul-Rahman Ahmed, William Carter, Yin Guan, Yankuic Galvan, Xing He, Peter Rijnbeek, George Hripcsak, Patrick Ryan, Marc Suchard

DOI: 10.21203/rs.3.rs-279400/v1 Download PDF

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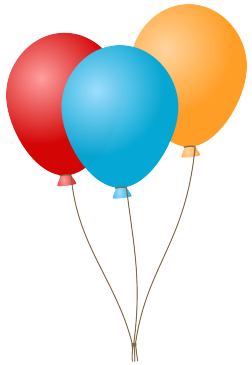
OHDSI Shoutouts!



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

Have a study published? Send to sachson@ohdsi.org
so it can be included in our weekly updates!

Three Stages of The Journey

Where Have We Been?

Where Are We Now?

Where Are We Going?

OHDSI 2021 SYMPOSIUM

Upcoming Workgroup Calls

Date	Time (ET)	Meeting
Today	1 pm	Common Data Model
Today	3 pm	OMOP CDM Oncology – Outreach/Research Subgroup
Wednesday	10 am	OMOP CDM Oncology – Development Subgroup
Wednesday	2 pm	GIS – Geographic Information System
Wednesday	4 pm KST/2 am	Patient-Level Prediction/Population Level Estimation (Eastern Hemi)
Thursday	8 am	Psychiatry
Thursday	12 pm	Patient-Level Prediction/Population Level Estimation (Western Hemi)
Thursday	1 pm	OMOP CDM Oncology – CDM/Vocabulary Subgroup
Friday	10 am	Clinical Trials
Friday	10 am	Electronic Health Record
Tuesday	9 am	OMOP CDM Oncology – Genomic Subgroup

www.ohdsi.org/upcoming-working-group-calls/

Upcoming Working Group Calls

OHDSI

OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

Who We Are | OHDSI Updates & News | Standards | Software Tools | OHDSI Studies | Book of OHDSI | Resources | New To OHDSI?

EHDEN Academy | This Week In OHDSI | Events & Collaborations | Collaborate with OHDSI in MSTeams | Social Media/Newsletter

- OHDSI Community Calls
- Upcoming Working Group Calls

Welcome to OHDSI!

The Observational Health Data Sciences and Informatics (or OHDSI, pronounced "Odyssey") program is a multi-stakeholder, interdisciplinary collaborative to bring out the value of health data through large-scale analytics. All our solutions are open-source.

OHDSI has established an international network of researchers and observational health databases with a central coordinating center housed at Columbia University.

Read more about us, about our goals, and how

2020 OHDSI Symposium

Our 2020 OHDSI Global Symposium brought together a global research community for 18 hours of open science, international collaboration and community fun. The day included research presentations from community members, panels that brought together leaders from major healthcare organizations, as well as network sessions, the annual collaborator showcase, and plenty more. Check it all out at the link below.

2020 OHDSI Global Symposium

PIONEER STUDY

The Prostate Cancer Study-A-Thon is less than one week away. This is a collaboration between PIONEER, EHDEN and OHDSI.

Registration is still open!

Job Posting

DIRECTOR, OHDSI CENTER AT THE ROUX INSTITUTE

Job no: **505676**
Position Type: **Staff**
Location: **Portland, ME Campus**
Categories: **Regional Campuses**

APPLY NOW

About Northeastern:

Founded in 1898, Northeastern is a global research university and the recognized leader in experience-driven lifelong learning. Our world-renowned experiential approach empowers our students, faculty, alumni, and partners to create impact far beyond the confines of discipline, degree, and campus.

Our locations—in Boston; Charlotte, North Carolina; London; Portland, Maine; San Francisco; Seattle; Silicon Valley; Toronto; Vancouver; and the Massachusetts communities of Burlington and Nahant—are nodes in our growing global university system. Through this network, we expand opportunities for flexible, student-centered learning and collaborative, solutions-focused research.

Northeastern's comprehensive array of undergraduate and graduate programs— in a variety of on-campus and online formats—lead to degrees through the doctorate in nine colleges and schools. Among these, we offer more than 195 multi-discipline majors and degrees designed to prepare students for purposeful lives and careers.

About the Opportunity:

The Observational Health Data Sciences and Informatics (OHDSI) Center at the Roux Institute is a new Administrative Hub created to provide operational and educational programs to the OHDSI community. It works tightly with the OHDSI Coordinating Center at Columbia University to advance OHDSI's research mission of improving health by empowering a community that collaboratively generates evidence that promotes better health decisions and better care.

Responsibilities:

To fulfill this mission, the OHDSI Center facilitates OHDSI's radically open and grassroots character of OHDSI, creates an incubator for independent projects, formalizes community representation in decision making, provides a mechanism for engaging in formal agreements with academic and commercial collaborators, fosters work that requires dedicated funding, and creates formalized and accredited curricula that lead to competencies recognized as essential for using community resources to a standard of excellence. The OHDSI Center seeks to attract world-class researchers, engineers, designers, and students working on healthcare's front lines, with deep expertise and unique insights into new breakthrough opportunities. We are seeking a Director to drive this new Center at the Roux Institute in Portland, Maine.

Where Are We Going?

Any other announcements of upcoming work, events, deadlines, etc?

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March 2 Community Call Topic

Breakout Sessions

ATLAS

Greg Klebanov, CTO/SVP at Odysseus Data Services, Inc.
Anthony Sena, Associate Director — Observational Health Data Analytics, Janssen R&D

ETL

Clair Blacketer, Associate Director, Janssen R&D
Melanie Philofsky, Senior Business Analyst and Project Manager, Odysseus Data Services, Inc.

HADES

Adam Black, Data Scientist, Odysseus Data Services, Inc.
Marc Suchard, Professor, Department of Biomathematics, David Geffen School of Medicine, UCLA