



# OHDSI

Poster Session  
12:15 to 2:45pm

Poster ID	Presenter(s)	Title
<b>Data Modeling and Standardization</b>		
DM1	Fern FitzHenry, Jesse Brannen, Jason Denton, Jonathan Nebeker, Scott DuVall, Freneka Minter, Jeffrey Scehnet, Brian Sauer, Lucila Ohno-Machado, Michael Matheny	Transforming the National Department of Veterans Affairs Data Warehouse to the OMOP Common Data Model
DM2	Fabrício Kury, Vojtech Huser	Converting the data in the U.S. CMS Virtual Research Data Center to the OHDSI Common Data Model version
DM3	Margaret Blacketer, Erica Voss, Patrick Ryan	Applying the OMOP Common Data Model to Survey Data
DM4	Soo-Yeon Cho, Dukyoung Yoon, Eun Kyoung Ahn, Dahye Shin, Rae Woong Park	Mapping Korean national insurance billing code to OMOP code for drugs used in a Korean tertiary teaching hospital
DM5	Ergin Soysal, Jingqi Wang, Min Jiang, Hua Xu	An Algorithm for Mapping Local Measurement Concepts into OMOP (Observational Medical Outcomes Partnership) Vocabulary Using Logical Observation Identifiers Names and Codes (LOINC®) Terminology
DM6	Lee Evans, Richard Boyce, Erica Voss, Nicholas Tatonetti, Patrick Ryan, Juan Banda, Nigam Shah	Standardizing FAERS Adverse Event Cases For Research Using The OHDSI Athena Standard Vocabularies
DM7	Rimma Belenkaya, Parsa Mirhaji, Mark Khayter, Don Torok, Ritu Khare, Toan Ong, Lisa Schilling	Establishing Interoperability Standards between OMOP CDM v4, v5, and PCORnet CDM v1
DM8	Amanda Hicks, William Hogan, Zhe He, Josh Hanna, Betsy Shenkman, Jiawei Yuan, Jiang Bian	Using Semantic Queries for Cohort Discovery Across Research Networks
<b>Methodological Research</b>		
MR1	Yoni Halpern, Steven Horng, David Sontag, Juan Banda, Nigam Shah	Lift your Anchors and Begin the OHDSI with APHRODITE
MR2	Jenna Repts, Patrick Ryan	Discovering the hidden risk factors: An empirical evaluation of incorporating feature-learning methods into a risk model framework using the OMOP CDM
MR3	Erica Voss, Richard Boyce, Patrick Ryan, Peter Rijnbeek, Martijn Schuemie	Accuracy of an Automated Knowledgebase for Identifying Adverse Drug Reactions
MR4	Yuxi Tian, Martijn Schuemie, Marc Suchard	How high can we go? Evaluating massively high-dimensional propensity score and outcome models in large-scale observational studies
MR5	Vojtech Huser, Marc Suchard	Size comparison of 17 CDM datasets using IRIS tool
MR6	Levon Utidjian, Ritu Khare, Evanette Burrows, Greg Schulte, Kevin Murphy, Sara Deakyne, Richard Hoyt, Nandan Patibandla, Byron Ruth, Aaron Browne, Megan Reynolds, Keith Marsolo, Michael Kahn, L. Charles Bailey	Identifying and Understanding Data Quality Issues in a Pediatric Distributed Research Network
MR7	Matthew Levine, Patrick Ryan, George Hripcsak	Lessons from CIRCE implementation of eMERGE phenotype definitions into actionable CDM v5 SQL queries
MR8	Mark Danese, Ryan Duryea, Jennifer Duryea, Claire Cangialose	Storing, Sharing, and Using Algorithms for Implementing Clinical Studies: The Jigsaw Algorithm Repository
<b>Application Development</b>		
AD1	Lee Evans	OHDSI Cloud Architecture
AD2	Nikolai Puntikov, Gleb Malikov	Vision for Technical Infrastructure to Facilitate OHDSI Network Research
AD3	Joseph Finkelstein, Qin Ye, David Baorto, Maura Beaton,	Using OHDSI WebAPI for Semantic Representation of

	George Hripcsak	Drug Concepts
<b>AD4</b>	Suji Xie, Geoffrey Gordon, Trinka Coster	Advanced Visualization Analysis for Investigating Complex Adverse Drug Reactions in Claims Data
<b>AD5</b>	Phung-Anh (Alex) Nguyen, Usman Iqbal, Chih-Wei Huang, Shen-Hsien Lin, Yu-Chuan (Jack) Li	Online tool for Massive Observational Studies (OMOS) in Drug Repositioning and Cancer Prevention: A Technical Overview
<b>AD6</b>	Hamed Abedtash, Jon Duke	An Interoperable Electronic Medical Record-Based Platform for Personalized Predictive Analytics
<b>AD7</b>	Hang Su, Amelia Henderson, Myung Choi, Richard Starr, Jimeng Sun	Clinical Predictive Modeling Development and Deployment with OMOP CDM and FHIR
<b>AD8</b>	Jay Ronquillo	Precision Medicine mHealth Data Standardization with OMOP CDM V5.0
<b>Clinical Applications</b>		
<b>CA1</b>	Mary Regina Boland, George Hripcsak, Patrick Ryan, Nicholas Tatonetti	A Climate-Wide Journey to Explore Mechanisms Underlying Birth Month Disease Risk Associations: A Call for Collaboration
<b>CA2</b>	Amy Matcho, Patrick Ryan, Daniel Fife, Dina Gifkins, Chris Knoll, Andrew Friedman	Determination of Pregnancy Episodes and Outcomes within a Distributed Network of Observational Databases
<b>CA3</b>	Trevor Shaddox, Yang Lu, Lam Si Tung Ho, Yuxi Tian, Eli Ipp, Marc Suchard	Trajectories in diabetes mellitus type II treatment intensification with massive observational data
<b>CA4</b>	Mollie McKillop, Patrick Ryan, Noémie Elhadad	Exploration of the Epidemiology of Endometriosis