Observational Medical Outcomes Partnership

RRID:SCR_003724
Type: Tool

Proper Citation

Observational Medical Outcomes Partnership (RRID:SCR_003724)

Resource Information

URL: http://omop.org/

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Description: Initiative to improve the safety of drugs on the market that utilized information drawn from patient medical record databases and health insurance claims to develop and test methods to detect and evaluate drug safety issues over time. The OMOP pilot project focused on the following objectives: * Defining and evaluating analytical methods that can be used to identify associations between drugs and health-related conditions. * Developing tools for organizing access to and evaluating the usefulness of multiple observational datasets. * Study how information from analyses of observational data can be used to inform ongoing pharmacovigilence efforts. The software tools - packaged as the OMOP Web RL Platform was developed and made available to the public, https://github.com/OMOP . In addition to these data tools, this collaborative research effort discovered methods for using data to reliably identify correlations between individual medical interventions and specific health outcomes. These insights are being used to help inform the FDA Sentinel Initiative as part of the Innovation in Medical Evidence Development and Surveillance (IMEDS) program. The achievements of the program include: * Establishment of a common data model and creation of data characterization tools, and vocabulary mappings * Implementation of Health Outcome of Interest definitions, including a program to implement these definitions as part of the Regularized Identification of Cohorts (RICO) * Release of 14 analysis methods to evaluate the performance of methods and data in identifying drug safety issues

Abbreviations: OMOP

Synonyms: Observational Medical Outcomes Partnership (OMOP)

Resource Type: portal, data or information resource, organization portal, consortium
Keywords: consortium, drug, drug safety, observational data, claim, electronic medical record, surveillance, prescription medication, health outcome, medical intervention, drug development, safety, common data model, vocabulary

Funding Agency: Biopharmaceutical members

Resource Name: Observational Medical Outcomes Partnership

Resource ID: SCR_003724

Alternate IDs: nlx_157903

Ratings and Alerts

No rating or validation information has been found for Observational Medical Outcomes Partnership.

No alerts have been found for Observational Medical Outcomes Partnership.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.


