

Observational Medical Outcomes Partnership (OMOP) Symposium
June 28, 2012 - Poster Participants

Title	Authors / Affiliations
Applying Standardized Drug Terminologies To Observational Healthcare Databases: A Case Study on Opioid Exposure	Frank J. DeFalco, Patrick B. Ryan, M. Soledad Cepeda Janssen Pharmaceutical Research & Development, L.L.C.
Design and Validation of a Data Simulation Model for Longitudinal Healthcare Data	Richard E. Murray ¹ , Patrick B. Ryan, PhD ^{2,3} , Stephanie J. Reisinger ¹ ¹ United BioSource Corporation, Harrisburg, PA ² Janssen Research & Development, Titusville, NJ ³ Observational Medical Outcomes Partnership; Foundation for the National Institutes of Health, Bethesda, MD
Detection of Long Term Adverse Drug Reactions in Electronic Health Care Data	Martijn J. Schuemie ^{1,4} , Gianluca Trifirò ^{1,2} , Preciosa M. Coloma ¹ , David Madigan ^{2,4} ¹ Erasmus University Medical Center ² Universty of Messina, Messina, Italy ³ Columbia University ⁴ Observational Medical Outcomes Partnership; Foundation for the National Institutes of Health, Bethesda, MD
Effect of outcome misclassification on the signal detection in the spontaneous reporting and electronic health record databases	G. Trifirò ^{1,2} , V. Valkhoff ² , V. Patadia ^{2,3} , P. Coloma ² , M. Schuemie ² , and M. Sturkenboom ² , on behalf of the EU-ADR Consortium ¹ Universty of Messina, Messina, Italy ² Erasmus University Medical Center ³ Astellas Pharmaceutical, Deerfield, Illinois, USA
What is the additional contribution of mining electronic medical records for signal detection? The experience of EU-ADR Project	Gianluca Trifirò ^{1,2} , Vaishali Patadia ^{2,3} , Martijn Schuemie ² , Preciosa Coloma ² , and Miriam Sturkenboom ² , on behalf of the EU-ADR Consortium ¹ Universty of Messina, Messina, Italy ² Erasmus University Medical Center ³ Astellas Pharmaceutical, Deerfield, Illinois, USA
Implementing the THIN Database in the OMOP Common Data Model – Lessons Learnt	Xiaofeng Zhou, PhD ¹ , Sundaresan Murugesan, MS ¹ , Harshvinder Bhullar, MSc ² , Qing Liu, MS ¹ , Bing Cai, PhD ¹ , Chuck Wentworth, MS ³ , Andrew Bate, PhD ¹ ¹ Epidemiology, Pfizer, New York, NY, USA ² Cegedim Strategic Data Medical Research Ltd, London, UK ³ Analytic Consulting Solutions, Rhode Island, USA
Evaluation of CCO Method using OSIM II	Chia-Chen Teng, Tao He, Xi Zhou, Brian Sauer SLC VA IDEAS Center, University Utah Division of Epidemiology
Developing an Expert Panel Process for Refining Health Outcome Definitions in Observational Data	Brent I. Fox, PharmD, PhD ¹ , Michael Gray, PhD ² , Joshua Hollingsworth, PharmD ¹ , Michael Hollingsworth, MSIS ³ , Juan Gao, MS ¹ , Richard A. Hansen, PhD ¹ ¹ Auburn University, Harrison School of Pharmacy ² HP Labs ³ Auburn University, Office of Information Technology
Expert Panel Review and Classification of Adverse Event Cases Identified by Competing Operational Definitions	Richard A. Hansen, PhD ¹ , Michael Gray, PhD ² , Brent I. Fox, PharmD, PhD ¹ , Joshua Hollingsworth, PharmD ¹ , Michael Hollingsworth, MSIS ³ , Juan Gao, MS ¹ ¹ Auburn University, Harrison School of Pharmacy ² HP Labs ³ Auburn University, Office of Information Technology

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Exploring Dechallenge & Rechallenge Patterns in Observational Health Care Data: Feasibility & Utility of Patient-Level Natural Experiments in Risk Identification	Erica Voss, MPH ^{1,2} , Patrick Ryan, PhD ^{2,3} , David Madigan, PhD ^{3,4} , Jonathan Weiner, DrPH ¹ ¹ Johns Hopkins Bloomberg School of Public Health ² Janssen Research & Development ³ Observational Medical Outcomes Partnership ⁴ Columbia University
Identifying Adverse Drug Events with Relational Learning	David Page, University of Wisconsin–Madison Vitor Santos Costa, CRACS & Inesc TEC / FCUP Sriram Natarajan, Wake Forest University Aubrey Barnard, University of Wisconsin–Madison Peggy Peissig, Marshfield Clinic Research Foundation Michael Caldwell, Marshfield Clinic
The Observational Medical Outcomes Partnership: Implementation to the UK Health Improvement Network Database	Juhaeri Juhaeri and Yunxun Wang Global Pharmacovigilance and Epidemiology, Sanofi
Improving Bayesian Methods in Pharmacovigilance with Drug Hierarchies	Trevor R. Shaddox ^{1,2} and Marc A. Suchard ^{1,2} ¹ David Geffen School of Medicine, University of California, Los Angeles, CA, USA ² Department of Biomathematics, University of California, Los Angeles, CA, USA
Investigating OMOP False Positives with i2b2	Anil Dubey,MD,MS ^{1,2} , Victor Castro ² , Wannapa Mahamaneerat ² ,Sergey Goryachev ² , Taowei David Wang ² , Christopher Herrick ² , Vivian Gainer MS ² , Shawn N. Murphy,MD,PhD ^{1,2} ¹ Massachusetts General Hospital, Boston MA ² Partners Healthcare, Boston MA
Performance of OMOP Statistical Methods on VA Data	Kwan Hur, PhD, Fran Cunningham, PharmD, Rongping Zhang, MS, Lucy Pandey, MS, Bharat Thakkar, MS Department of Veterans Affairs, Pharmacy Benefit Management Services Center for Medication Safety (VAMedSAFE), Hines , IL
Transforming OMOP CDMv2 to CDMv4: Broadening CER Applicability	Michael G Kahn, MD, PhD ¹ ; Elias Brandt ⁴ ; Patrick Hosokawa, MS ³ ;Daniella Meeker, PhD ⁵ ; Lola Ogunyemi, PhD ⁶ ; Patrick Ryan, PhD ⁷ ; Christian Reich, MD ⁷ ; Lucila Ohno-Machado, MD, PhD ⁸ ; Lisa Schilling, MD, MSPH ^{2,3} ¹ Department of Pediatrics ² Department of Medicine ³ Colorado Health Outcomes Program ⁴ University of Colorado Anschutz Medical Campus, Aurora, CO; American Academy of Family Physicians, Leawood, KS ⁵ Rand Corporation, Santa Monica, CA ⁶ Charles Drew University, Los Angeles, CA ⁷ Observational Medical Outcomes Partnership, Foundation of the NIH ⁸ University of California San Diego, San Diego, CA