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for Pharmacoepidemiology

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August 22-26, 2025

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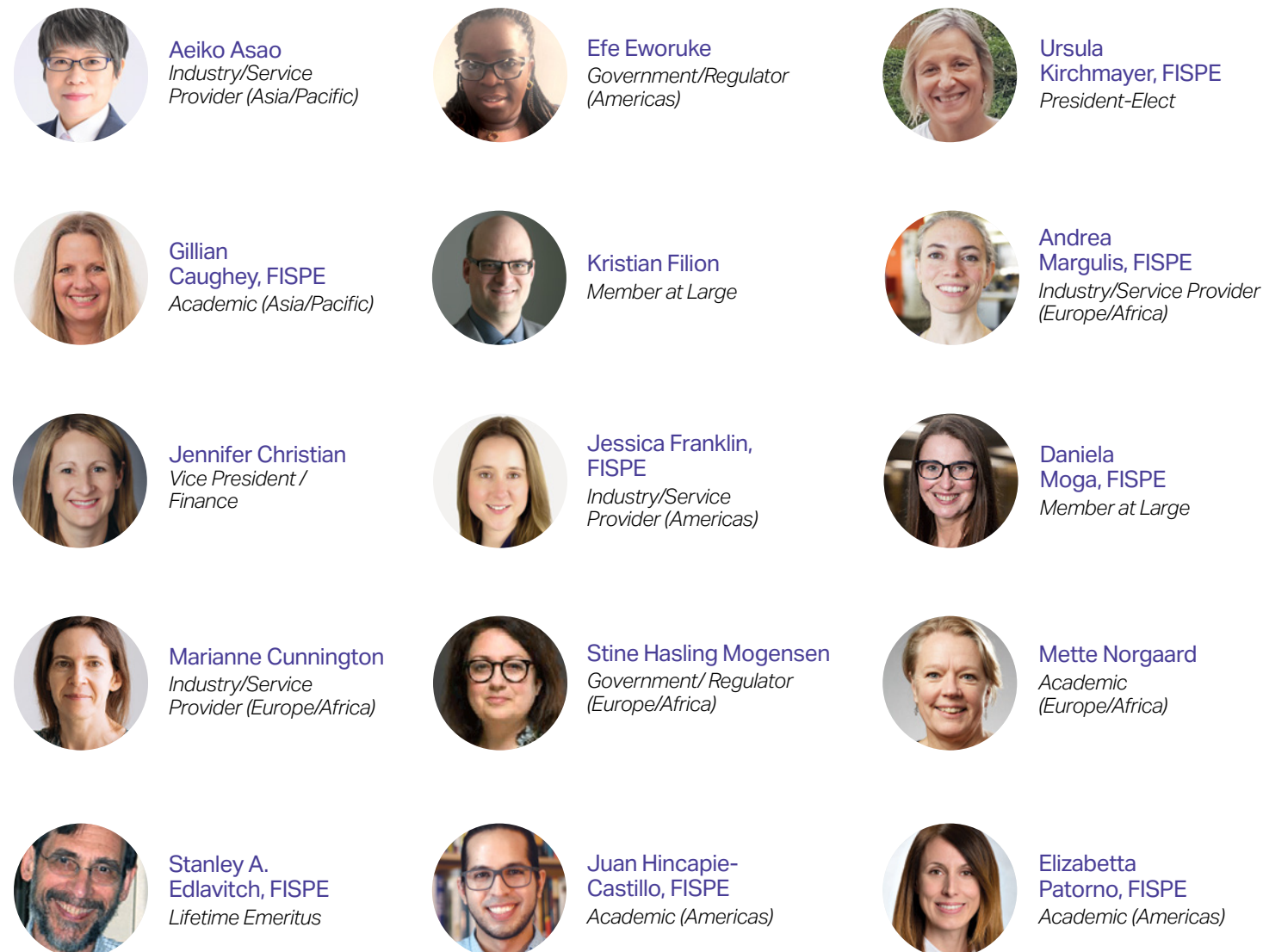
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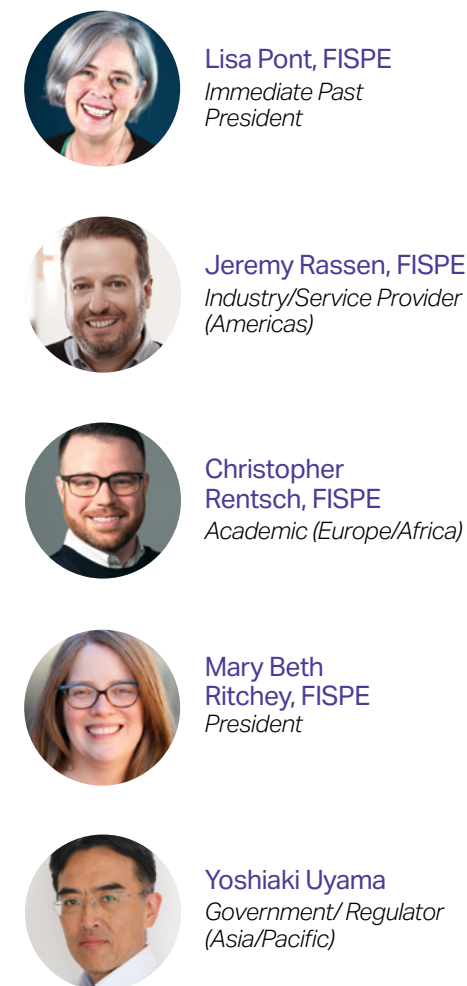
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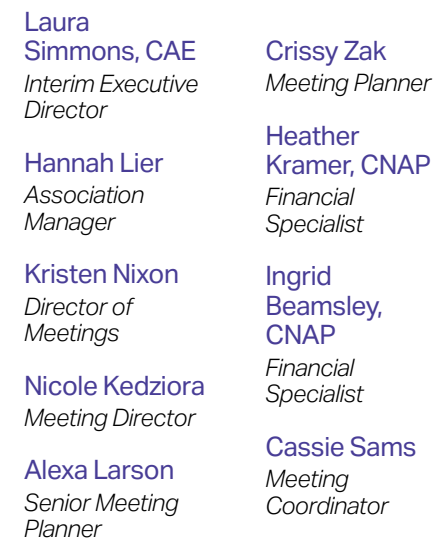
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BOARD OF DIRECTORS 2024-25 CONT'D



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Comparative Effectiveness Research

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Xiaojuan Li

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Digital Epidemiology

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Meredith Smith

Drug Utilization/ Health Services Research

Gillian Caughey

Drug-Drug Interaction

John Hughes

Miriam Leung

Environmental Pharmacoepidemiology

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Jenny Lund



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CONT'D

Genomics & Precision Medicine

Gillian Bartlett-Esquilant
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Isha Mehta

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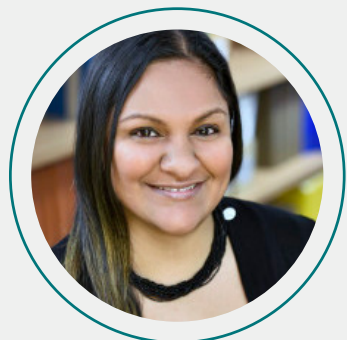
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Kate Bykov,
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Lina Titievsky,
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Jinxin Guo

Use of Proximal Causal Inference to Address Unmeasured Confounding in Target Trial Emulation: Empirical Example on Influenza Vaccination and Stroke

JOHN SNOW AWARD

Beema Yoosuf

Neurological Adverse Events Associated with Valbenazine in Tardive Dyskinesia: A Meta-Analysis of Randomized Controlled Trials and FAERS Based Disproportionality Analysis

RONALD D. MANN WINNER

Lack of Evidence for Vaccine-Associated Enhanced Disease From COVID-19 Vaccines Among Adults in the Vaccine Safety Datalink

CO-AUTHORS:

Thomas G. Boyce // David L. McClure // Kayla E. Hanson // Matthew F. Daley // Malini B. DeSilva
Stephanie A. Irving // Lisa A. Jackson // Nicola P. Klein // Bruno Lewin // Joshua T. B. Williams // Jonathan Duffy
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THIRD PLACE

Arman Arabshomali, PharmD
Prevalence and Mortality of HIV-Associated Neurocognitive Disorder (HAND) in Older Medicare Beneficiaries

SECOND PLACE

Pooja Gokhale, Pharm D
Immune-related Adverse Events (irAEs) associated with Immune Checkpoint Inhibitor (ICI) Therapy in Bladder Cancer: A Systematic Review and Meta-analysis of Randomized Controlled Trials

FIRST PLACE

Geunho Lim
Comparison of Nephroprotective Effects Between Long- and Short-acting Angiotensin Receptor Blockers in Diabetic Nephropathy: A Real-world Retrospective Study

HONOURABLE MENTIONS

Determining Targets for Antiretroviral Drug Concentrations: A Causal Framework Illustrated with Pediatric Efavirenz Data from the CHAPAS-3 Trial

CO-AUTHORS:

Michael Schomaker
Paolo Denti
Andrzej Bienczak
David Burger
Ivan Diaz
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Effect of Statin Treatment on the Risk of Cancer in Patients with Heart Failure: A Target Trial Emulation Study

CO-AUTHORS:

Chengsheng Ju
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Charlotte Manisty
Li Wei

Association Between Influenza Vaccination and Acute Kidney Injury Among the Elderly: A Self-Controlled Case Series

CO-AUTHORS:

Haerin Cho
Eunsun Lim
Hee-Jin Kim
Na-Young Jeong
Nam-Kyong Choi

MOST HIGHLY RATED METHODS ABSTRACT SUBMITTED BY A STUDENT

Madison Ponder

Inverse Probability Weighting to Adjust for Informative Censoring When Estimating Desirability of Outcome Ranking (DOOR) Probabilities

MOST HIGHLY RATED ABSTRACT SUBMITTED BY A STUDENT IN THE DRUG UTILIZATION RESEARCH CATEGORY

Yi-Jou Chou, PharmD

Utilization of Statins and other Lipid-Modifying Agents During Pregnancy in the US, 2005-2021



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Clinical Operations Leader



Schedule-at-a-Glance

ISPE 2025 | AUGUST 22-26 | WASHINGTON, DC, USA

FRIDAY, AUGUST 22												P. 24
7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
7:30 AM - 6 PM Registration – L Street Bridge												
7:30 AM - 6 PM Lactation Room – Room 306												
7:30 AM - 6 PM Speaker Ready Room – Room 304												
8 AM - 6 PM ISPE Board of Directors Meeting – Room 209ABC												
		9 AM - 12:30 PM PRE-CONFERENCE COURSES Adherence to Medication – Room 206 Principles of Pharmacoepidemiology Room 207 AB Regulatory Pharmacoepidemiology – Room 204 ABC State of the Art Pharmacoepidemiology: The Role of Pharmacogenomics and Precision Medicine – Room 208 AB Using Pharmacoepidemiology Database Resources to Address Drug Safety Research Room 202 AB Weighing the Benefits & Risks: The Science and Methods of Benefit-Risk Assessment in Drug Development – Room 201				12:30 - 2 PM Lunch on Your Own		2:30 - 6 PM PRE-CONFERENCE COURSES Cancer Pharmacoepidemiology and Genomics: What You Should Know in the Era of Precision Medicine – Room 204 ABC Foundations in Causal Inference – Room 202 AB Intermediate Pharmacoepidemiology: Approaches to Unmeasured Confounders Room 207 AB Pediatric Pharmacoepidemiology: Adapting Pharmacoepidemiologic Principles to Studies of the Pediatric Population – Room 201 Pharmacovigilance and Signal Detection Room 206 Practical Skills in Protocol Writing and Statistical Analytic Programming Relevant to Studies Generating Real-World Evidence – Ballroom AB Real-World Evidence Generation for Rare Disease Drug Development – Room 208 AB				

SATURDAY, AUGUST 23												P. 26
7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
7:30 AM - 6 PM Registration – Hall D												
7:30 AM - 6 PM Lactation Room – Room 306												
9 AM - 6 PM Speaker Ready Room – Room 304												
		9 AM - 12:30 PM PRE-CONFERENCE COURSES Emerging Topic: How to Study Health Disparities in Pharmacoepidemiology – An Introduction to Fundamentals and Methods – Ballroom AB Introduction to Drug Utilisation Research: Methods for Real World Drug Utilisation Studies Room 206 New Frontiers for Pharmacoepidemiology: Cutting Edge Approaches to Data Collection and Integration – Room 208 AB Pregnancy Pharmacoepidemiology: Evidence Generation and Interpretation for Decision-Making – Room 202 AB Propensity Scores in Pharmacoepidemiology Room 207 AB Risk Minimisation and Communication: Pharmacoepidemiological Approaches and Case Studies for Designing and Evaluating Interventions for the Safe Use of Medicines Room 201 The Pharmacoepidemiologist's Toolbox for Professional Development – Room 204 ABC				12:30 - 2 PM Lunch on Your Own 12:30 - 2 PM NewMember & Early-Stage Investigator Lunch Ballroom C		2:30 - 6 PM PRE-CONFERENCE COURSES Advanced Drug Utilization Research – Room 202 AB Advanced Methods: Let's Git It Started – Transparency and Reproducibility Across the RWE Study Lifecycle with HARPER, Git and GitHub Copilot – Room 201 An Introduction to Artificial Intelligence for Pharmacoepidemiologists – Ballroom AB Applied Sensitivity Analyses in Pharmacoepidemiology Database Studies Room 207 AB Epidemiology and Real-World Evidence of Medical Devices, Diagnostics, and MedTech – Room 204 ABC How to Design a Pharmacoepidemiologic Study of Biologics Including Biosimilars and Cell & Gene Therapies – Room 208 AB Intermediate/ Advanced Methods in Vaccine Safety and Effectiveness – Room 206				6 - 7:30 PM Welcome Reception & Academic Showcase Ballroom C

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Schedule-at-a-Glance

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Schedule-at-a-Glance

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SUNDAY, AUGUST 24

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MONDAY, AUGUST 25

P. 40

7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	
7 AM - 6 PM	Registration – Hall D											7 - 8 PM SIGs/RIGs MEETINGS Databases for Pharmacoeconomic Research SIG Room 302 Digital Technologies and Artificial Intelligence SIG – Room 201 Drug-Drug Interaction SIG – Room 301 Medical Devices SIG West Overlook Pediatrics SIG Room 203AB Vaccines SIG East Overlook — Latin America RIG Room 303	7 AM - 6 PM	Registration – Hall D											7 AM - 6 PM Lactation Room – Room 306 7 AM - 6 PM Speaker Ready Room – Room 304 7 - 8 AM Coffee with Exhibitors Hall D 7 - 8 AM Poster Session B Set-Up Hall D 7 - 8 AM SIGs/RIGs MEETINGS Adherence SIG Room 209ABC Asian Pharmacoeconomic Network (AsPEN) SIG Room 301 Drug Utilization / Health Services Research SIG East Overlook Geriatric Pharmacoeconomic SIG Room 201 Medications in Pregnancy & Lactation (MiPaL) SIG Room 302 Rare Disease SIG Room 303
7 AM - 6 PM	Lactation Room – Room 306												7 AM - 6 PM	Lactation Room – Room 306											
7 AM - 6 PM	Speaker Ready Room – Room 304												7 AM - 6 PM	Speaker Ready Room – Room 304											
7 - 8 AM Coffee with Exhibitors Hall D	8 AM - 6 PM Posters & Exhibits – Hall D												7 - 8 AM	8 AM - 6 PM Posters & Exhibits – Hall D											
7 - 8 AM Poster Session A Set-Up Hall D	8 - 10 AM Welcome & Plenary Ballroom AB	Coffee Break – Hall D Sponsored by Truvela	10 - 10:30 AM	10:30 AM - 12 PM ORAL SESSIONS Comparative Safety and Effectiveness in Cardio/Renal/ Metabolic Diseases Room 207AB COVID-19 and Recovery Room 206 Maternity Medley Room 201 Non-Covid Vaccines: Protecting Health and Building Trusts Room 208AB Safer Drugs for Mental Illness and Addiction Room 204ABC The Algorithm Awakens: Pregnancy and Data Room 202AB To Err is Not Only Human Ballroom AB	12:15 - 1:15 PM Poster Spotlight Session A Hall D	1:30 - 3 PM SYMPOSIA/ WORKSHOPS Building Transparency and Reproducibility into the Practice of Pharmacoeconomic Research Room 202AB Bridging Real-World and RCT Endpoints: Mitigating Measurement Error Bias in Time-to-Event Endpoints in Studies Using Oncology Real-World Data Room 207AB Consolidated Multi-product/Disease-based Pregnancy Exposure Registries: How to Encourage Collaboration in a Fragmented Environment? Room 208AB What are Possible Approaches When the Active Comparator New Users Design (ACNU) is Not Easily Applicable? Ballroom AB Advances in Pharmacoeconomic Epidemiology in Africa: The African Regional Interest Group Experience Room 204ABC Integrating Real-World Data with Randomized Controlled Trials: Advancing Evidence Generation Room 201 What Can Pharmacoeconomic Epidemiologists Do to Enhance Vaccine Confidence? Room 206	12 - 1:30 PM Committee Lunch Concourses 200 & 300	3:30 - 5 PM ORAL SESSIONS A Dose of Disparity: Measuring Inequality in Healthcare Room 206 A Fine Assortment of Drug Safety Talks Room 204ABC Innovative Methods and Designs in Vaccine Research: Advancing Precision and Impact Room 207AB Lightning Session 1 Room 201 A Dose of Disparity: Measuring Inequality in Healthcare Room 202AB Mining Expeditions Ballroom AB Navigating the Neurochemical Journey in Pregnancy Room 208AB	5:15 - 6:45 PM SYMPOSIA/ WORKSHOPS Real-World Evidence in Regulatory Decision-Making for Medical Products Room 206 The Clone-Censor-Weight Approach: From Basic Principles to Its Transformation in Diverse Exposure and Outcome Scenarios – Ballroom AB Dynamic Modeling of Medication Adherence: A Hands-on Exploration of Trajectory Analysis Techniques Room 201 The Future of Pharmacovigilance: Accelerating Signal Identification with Electronic Healthcare Data – Room 202AB Resolved That the Hierarchy of Evidence Should Be Replaced: A Debate Room 204ABC Overcoming Challenges in CDM Harmonization from Within-Country Coordination to International Collaboration Room 208AB Addressing the Threat of Confounding in Pharmacoeconomic Epidemiology with Innovative Methods: Lessons from the FDA Sentinel Innovation Center – Room 207AB	7 PM	8 PM	9 PM	10 PM	11 PM											
			7 - 11 PM Student Meet & Greet – YardHouse																						

Schedule-at-a-Glance

ISPE 2025 | AUGUST 22-26 | WASHINGTON, DC, USA

TUESDAY, AUGUST 26

P. 5 1

7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM
7 AM - 4:30 PM Registration – Hall D									
7 AM - 3:30 PM Speaker Ready Room – Room 304									
7 - 8 AM Coffee with Exhibitors Hall D	8 AM - 1:30 PM Posters & Exhibits Session B – Hall D								
7 - 8 AM Poster Session C Set-Up Hall D	8:30 - 10 AM ORAL PRESENTATIONS Addicted to Pharmacoepidemiology Room 208AB Clone Wars – Ballroom AB Covid-19 Vaccine Safety: Science, Facts, and Public Health – Room 204ABC Covid-19 Vaccine Safety: Science, Facts, and Public Health – Room 204ABC Disproportionality Proportionate: Pharmacovigilance Methods – Room 206 The Safety Dance: Drugs for Obesity and Metabolic Disorders – Room 202AB Use and Safety of Biologics – Room 207AB What a Mess: the Environment, Health, and Medications – Room 201	10 - 10:30 AM Coffee Break – Hall D Sponsored by Amgen Inc.	10:30 AM - 12 PM SYMPOSIA & WORKSHOPS Harnessing Real-world Evidence to Address Drug Shortages – Room 208AB Environmental Challenges to Supply Chains and Drug Shortages – Room 206 Why Treatment Strategies are a Sine Qua Non of the Causal Estimand Ballroom AB Use of Artificial Intelligence/Machine Learning Methods for Identification of Patients with Rare Diseases in Real-World Data – Room 207AB Approaches to Time-Zero and Time-Related Bias in External Control Arm Study Design: Methodological Considerations and Applications Room 204ABC Seeking the Roadmap: Incorporating Menstruation and Menopause into Pharmacoepidemiology Research – Room 201 Real-World Evidence Fit for Regulatory Applications — What Does Good Look Like? – Room 202AB	12 - 1:30 PM Lunch – Hall D 12 - 1:30 PM ISPE Board of Directors' Meeting & Lunch Room 209ABC 12:15 - 1:15 PM Poster Spotlight Session B Hall D 12:30 - 1:30 PM SIGs/RIGs MEETINGS Cancer SIG Room 301 Environmental Pharmacoe- pidemiology SIG – Room 302 — Africa RIG Room 303 Gulf Region RIG East Overlook	1:30 - 3 PM ORAL PRESENTATIONS Addicted to Pharmacoepidemiology Room 208AB Cracking the Code in Pregnancy Studies Room 206 Drug Effectiveness in Veterans and Friends Room 208AB Veterans and Friends Room 208AB Lightning Session 3 Room 201 One Size Fits None: Unravelling Treatment Heterogeneity Ballroom AB Perfect Timing Room 202AB The Target Stands Trial Room 207AB	3:15 - 4:45 PM Hot Topic Session Ballroom AB			4:45 - 5 PM The Final Word Ballroom AB
7:15 - 8:15 AM 2026 Scientific Program Committee Room 301									
7:15 - 8:15 AM SIGs/RIGs MEETINGS Benefit Risk Assessment, Communication and Evaluation (BRACE) SIG West Overlook Cell and Gene Therapy SIG East Overlook Comparative Effectiveness Research (CER) SIG Room 302 Health Equity SIG Room 303									

PRE-CONFERENCE
Program Schedule

F R I D A Y , A U G U S T 2 2

7:30 AM - 6:00 PM

REGISTRATION – L STREET BRIDGE

7:30 AM - 6:00 PM

LACTATION ROOM – ROOM 306

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8:00 AM - 6:00 PM

ISPE BOARD OF DIRECTORS MEETING
ROOM 209ABC

9:00 AM - 6:00 PM

SPEAKER READY ROOM – ROOM 304

Only required if you need to upload your presentation, or update/replace an already-uploaded presentation. Please complete uploads 24-hours in advance of your session.

9:00 AM - 12:30 PM

EDUCATIONAL SESSIONS
HALF-DAY MORNING COURSES
Pre-purchase required.

Adherence to Medication – Room 206

Presenting Author: Jacqueline Hugtenburg
Co-Authors: Julie Lauffenburger // Robert Gross, MD, MSCE, FISPE

Principles of Pharmacoepidemiology – Room 207 AB

Presenting Author: Tobias Gerhard, PhD
Co-Authors: Daniela C. Moga, MD, PhD, FISPE
Tania Schink, Dr, MPH

Regulatory Pharmacoepidemiology – Room 204 ABC

Presenting Author: Danica Marinac-Dabic, MD, PhD, MMSc, FISPE
Co-Authors: Gerald Dal Pan, MD, MHS
Patrice Verpillat, MD, MPH, PhD

State of the Art Pharmacoepidemiology:
The Role of Pharmacogenomics and
Precision Medicine – Room 208 AB

Presenting Authors:
Amalia M. Issa, PhD, MPH // Gillian Bartlett-Esquilant, PhD, FISPE
Co-Authors: Bruce C. Carleton, PharmD, FCP, FISPE
Stephen E. Kimmel, MD, MSCE, FISPE

Using Pharmacoepidemiology Database Resources
to Address Drug Safety Research – Room 202 AB

Presenting Author: Kevin Haynes, PharmD, MSCE
Co-Authors: Rosa Gini, PhD // Matthew Reynolds, PhD, FISPE
Daniel C. Beachler, PhD, MHS // Sudha Raman

Weighing the Benefits & Risks:
The Science and Methods of Benefit-Risk
Assessment in Drug Development – Room 201

Presenting Author: Alicia Gilseman, PhD, FISPE
Co-Authors: Christine Poulos, PhD //
Stéphanie Tcherny-Lessenot, MD, MPH, MSC
Bennett S. Levitan, MD, PhD // Juhaeri Juhaeri, PhD

12:30 - 2:30 PM

LUNCH ON YOUR OWN

2:30 - 6:00 PM

EDUCATIONAL SESSIONS
HALF-DAY AFTERNOON COURSES
Prepurchase required.

Cancer Pharmacoepidemiology and Genomics:
What You Should Know in the
Era of Precision Medicine – Room 204 ABC

Presenting Authors: Andrew Freedman, PhD, FISPE
Bruce C. Carleton, PharmD, FCP, FISPE
Co-Authors: Kelly Filipski // Geoffrey Liu, MSc, MD
Donna Rivera // Leah B. Sansbury, PhD, MSPH, FISPE
Wei Zhou, MD, PhD, FISPE

Foundations in Causal Inference – Room 202 AB

Co-Authors:
Geetha S. Iyer, PhD // Joshua Gagne, PharmD, ScD, FISPE

Intermediate Pharmacoepidemiology: Approaches
to Unmeasured Confounders – Room 207 AB

Presenting Author: Michele Jonsson Funk, PhD
Co-Authors: Jennifer L. Lund, PhD, MSPH // Til Stürmer, MD, PhD
Sudha Raman // Mugdha Gokhale, PhD

Pediatric Pharmacoepidemiology:
Adapting Pharmacoepidemiologic Principles to
Studies of the Pediatric Population – Room 201

Presenting Author: Jenny Sun, PhD
Co-Authors: Daniel B. Horton, MD, MSCE, FISPE
Mehmet Burcu, PhD // Jonathan L. Slaughter, MD, MPH

Pharmacovigilance and Signal Detection – Room 206

Presenting Authors: Judith C. Maro // Monica Muñoz, PhD
Co-Authors: G Niklas Norén // Greg Powell

Practical Skills in Protocol Writing and Statistical
Analytic Programming Relevant to Studies
Generating Real-World Evidence – Ballroom AB

Presenting Author: Natasha Pratt, PhD
Co-Authors:
Christian Hampp // Jessica J. Jalbert // Soko Setoguchi

Real-World Evidence Generation for Rare Disease
Drug Development – Room 208 AB

Presenting Author: Emily W. Bratton, MSPH, PhD
Co-Authors: Laura Hester, PhD // Daniel Rosenberg, PhD
Xabier García de Albéniz



Epi Excellence provides high-quality fit-for-purpose deliverables based on extensive pharmacoepidemiology expertise.

- **Literature review:** simple to complex, targeted to systematic, for any purpose
- **Regulatory & PV support:** strategic & tactical, for RMPs, ODAs, HA queries, DAPs, etc.
- **Study development & support:** strategic planning; protocols, SAPs, reports, publications
- **Other tasks,** no matter how small

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Eileen E. Ming, MPH, ScD, FISPE



PROUD TO BE WBENC CERTIFIED



PRE - CONFERENCE
Program Schedule

S A T U R D A Y , A U G U S T 2 3

7:30 AM - 6:00 PM

REGISTRATION – HALL D

7:30 AM - 6:00 PM

LACTATION ROOM – ROOM 306

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7:30 AM - 6:00 PM

SPEAKER READY ROOM – ROOM 304

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9:00 AM - 12:30 PM

EDUCATIONAL SESSIONS
HALF-DAY MORNING COURSES

Prepurchase required.

Emerging Topic: How to Study Health Disparities in Pharmacoepidemiology – An introduction to Fundamentals and Methods – Ballroom AB

Presenting Author: Paula D. Strassle, PhD, MSPH
Co-Authors: Macarius M. Donneyong, MPH, PhD
John W. Jackson, ScD // Enriqueta Vallejo-Yagüe, PhD, Pharm

Introduction to Drug Utilisation Research: Methods for Real World Drug Utilisation Studies Room 206

Presenting Author: Mina Tadrous, PhD
Co-Authors: Gillian E. Caughey, PhD, BSc // Lisa Pont
Carla Torre // Andrea M Burden, PhD

New Frontiers for Pharmacoepidemiology: Cutting Edge Approaches to Data Collection and Integration – Room 208 AB

Presenting Author: Nancy A. Dreyer, PhD, MPH, FISPE, Fellow DIA
Co-Authors: Kristen Hahn // Joseph W. Zabinski, PhD
Christina D. Mack, PhD

Pregnancy Pharmacoepidemiology: Evidence Generation and Interpretation for Decision-Making – Room 202 AB

Presenting Author: Andrea V. Margulis
Co-Authors:
Brian Bateman // Sonia Hernández-Díaz // Krista Huybrechts

Propensity Scores in Pharmacoepidemiology Room 207 AB

Presenting Author: John Seeger
Co-Author: Jeremy A. Rassen, ScD, FISPE

Risk Minimisation and Communication: Pharmacoepidemiological Approaches and Case Studies for Designing and Evaluating Interventions for the Safe Use of Medicines – Room 201

Presenting Authors:
Priya Bahri, PhD // Meredith Y. Smith, PhD, MPA, FISPE
Co-Authors: Elaine H. Morrato, DrPH, FISPE
Amir Sarayani, PharmD, MPH, PhD // Katie Miller

The Pharmacoepidemiologist's Toolbox for Professional Development – Room 204 ABC

Presenting Author: Caitlin Knox
Co-Authors: Lisa Pont // Mary E. Ritchey, PhD, FISPE
Juan M. Hincapie-Castillo, PharmD, PhD

12:30 - 2:00 PM

LUNCH ON YOUR OWN

12:30 - 2:00 PM

NEW MEMBER & EARLY-STAGE INVESTIGATOR LUNCH BALLROOM C

2:30 - 6:00 PM

EDUCATIONAL SESSIONS
HALF-DAY AFTERNOON COURSES

Prepurchase required.

Advanced Drug Utilization Research – Room 202 AB

Presenting Author: Mina Tadrous, PhD
Co-Authors: Andrea M. Burden, PhD
Macarius M. Donneyong, MPH, PhD // Gillian E. Caughey, PhD, BSc

Advanced Methods: Let's Git It Started – Transparency and Reproducibility Across the RWE Study Lifecycle with HARPER, Git and GitHub Copilot – Room 201

Presenting Author: Janick Weberpals, RPh, PhD
Co-Authors: Anna Schultze // John Tazare // Shirley V. Wang

An Introduction to Artificial Intelligence for Pharmacoepidemiologists – Ballroom AB

Presenting Author: Harriet Dickinson, PhD
Co-Authors: John Diaz-Decaro // Donna Rivera
Hui Feng, PhD // Victoria Strauss // Dana Y. Teltsch, PhD
Joseph W. Zabinski, PhD

Applied Sensitivity Analyses in Pharmacoepidemiology Database Studies Room 207 AB

Presenting Author: Sebastian Schneeweiss, MD, ScD
Co-Authors: Jeremy A. Rassen, ScD, FISPE // Richard Wyss, PhD
Elizabeth M. Garry, PhD, MPH

Epidemiology and Real-World Evidence of Medical Devices, Diagnostics, and MedTech – Room 204 ABC

Presenting Author: Mary E. Ritchey, PhD, FISPE
Co-Authors: Paul Coplan, ScD // Christina D. Mack, PhD
David Maislin // Lisa Weiss, PhD, MPH

How to Design A Pharmacoepidemiologic Study of Biologics Including Biosimilars and Cell & Gene Therapies – Room 208 AB

Presenting Author: Jaclyn L. Bosco, PhD, MPH. FISPE
Co-Authors: Ylenia Ingrassiotta // Quazi Ataher

Intermediate/Advanced Methods in Vaccine Safety and Effectiveness – Room 206

Presenting Author: Jennifer Gerber, PhD, MSc
Co-Authors: O'Mareen Spence, PhD // Henok Tadesse Ayele, PhD
Hector S. Izurieta, MD, PhD // Katherine Mues
Annette Regan, PhD, MPH

6:00 - 7:30 PM

WELCOME RECEPTION & ACADEMIC SHOWCASE – BALLROOM C

Mary Beth Ritchey, FISPE
ISPE President

Jodi Segal, FISPE, Chair
ISPE 2025 Scientific Program Committee

ACADEMIC SHOWCASE

ISPE Africa Regional Interest Group

ISPE History & Archives Committee

ISPE Membership Committee

ISPE RIG LATAM

ISPE Student Council

ISPE SIG Pediatrics

Brigham and Women's Hospital
Harvard Medical School

Johns Hopkins Center for Drug Safety and Effectiveness

McGill Pharmacoepidemiology Unit
Department of Epidemiology, Biostatistics and Occupational Health, McGill University

Postgraduate Certificate (PgC), Diploma (PgD) and Masters (MSc) in Pharmacovigilance

Rutgers Center for Pharmacoepidemiology and Treatment Science

UF College of Pharmacy,
Department of Pharmaceutical Outcomes and Policy

University of Houston College of Pharmacy,
Department of Pharmaceutical Health Outcomes and Policy

University of North Carolina at Chapel Hill

MAIN CONFERENCE
Program Schedule

SUNDAY, AUGUST 24

7:00 AM - 6:00 PM

REGISTRATION – HALL D

7:00 AM - 6:00 PM

LACTATION ROOM – ROOM 306

Sponsored by EPI Excellence LLC

7:00 AM - 6:00 PM

SPEAKER READY ROOM – ROOM 304

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7:00 - 8:00 AM

COFFEE WITH EXHIBITORS – HALL D

7:00 - 8:00 AM

POSTER SESSION SETUP A – HALL D

8:00 AM - 6:00 PM

POSTERS & EXHIBITS – HALL D

8:00 - 10:00 AM

WELCOME & PLENARY

Pragmatic Pharmacoepidemiology: Innovative Clinical Evidence Supporting Regulatory Decision-Making – Ballroom AB

This plenary session will focus on innovative pragmatic designs that span the continuum from interventional to non-interventional studies. Pharmacoepidemiologists have an emerging role to play in the design and evaluation of the methodological elements of these pragmatic studies. Attendees will gain insights into the scientific, clinical, operational, and regulatory considerations involved in designing such studies, which seek to improve patient experience and access, increase representativeness, and generate evidence that more accurately reflects real-world health outcomes.

Presenting Authors:
Donna Rivera,
Former FDA / Affiliate Associate Professor, University of Maryland

Meredith Y. Smith, PhD, MPA, FISPE
Evidera, Inc., PPD, a part of Thermo Fisher Scientific

Patrice Verpillat, MD, MPH, PhD, European Medicines Agency

David Chambers

Jeffrey S. Brown, PhD, TriNetX

Elizabeth Garrett-Mayer, PhD
American Society of Clinical Oncology

10:00 - 10:30 AM

COFFEE BREAK – HALL D

Sponsored by Truveta

10:30 AM - 12:00 PM

CONCURRENT SESSIONS

ORAL PRESENTATION

Comparative Safety and Effectiveness in Cardio/Renal/Metabolic Diseases – Room 207AB

Co-Moderators:
Kimberly G. Brodovicz, DrPH // Jung-Im Shin

10:30 AM

Comparative Effectiveness of GLP-1RA, SGLT2i, and DPP4i for New-Onset Cardiovascular Outcomes: A debiased Target Trial Emulation Study

Presenting Author: Bingyu Zhang
Co-Authors: Ting Zhou // Huilin Tang // Jiajie Chen // Yiwen Lu
Dazheng Zhang // Tianchu Lyu // Kai Zheng // Yong Chen

10:45 AM

SGLT2 Inhibitors, GLP-1 Receptor Agonists, and DPP4 Inhibitors and the Risk of Hypomagnesemia in Type 2 Diabetes: A Multi-Institutional Cohort Study with Target Trial Emulation

Presenting Author: Shih-Chieh Shao, PhD
Co-Authors:
Daniel Hsiang-Te Tsai // Albert Tzu-Ming Chuang, PharmD
Kuan-Hung Liu // Edward Chia-Cheng Lai, PhD

11:00 AM

Primary Prevention of Cardiovascular and Renal Outcomes with GLP-1 Receptor Agonists in Adults with Obesity: A Target Trial Emulation Study

Presenting Author: Huilin Tang
Co-Authors: Bingyu Zhang // Yiwen Lu Co-Author
Ting Zhou // Dazheng Zhang // Yong Chen

11:15 AM

Comparative Effectiveness of Current Glucose-Lowering Medications in Type 2 Diabetes Mellitus: Emulation of a modified GRADE trial

Presenting Author: Sushama Kattinakere Sreedhara, MBBS, MSPH
Co-Authors: Avik Ray, MD, MS // Julie M. Paik, MD, ScD
Sara J. Cromer, MD // Katsiaryna Bykov, PharmD, ScD
Georg Hahn, PhD // Robert Glynn
Deborah J. Wexler, MD, MSc // Elisabetta Patorno, MD, DrPH

MAIN CONFERENCE
Program Schedule

11:30 AM

End-Stage Renal Diseases Associated with the Use of SGLT2 Inhibitors Versus GLP-1 Receptor Agonists Among Individuals With Metabolic Dysfunction-Associated Steatotic Liver Disease: A Nationwide Cohort Study

Presenting Author: Hwa Yeon Ko, PharmD
Co-Authors: Bin Hong // Sungsho Bea, PharmD, PhD // Jae Hyun Bae
Young Min Cho // Yoosoo Chang, MD, PhD
Seungho Ryu // Christopher Byrne // Ju-Young Shin, PharmD, PhD

11:45 AM

Evaluation of the Safety of Continuing Vs. Discontinuing Pre-Pregnancy Chronic Hypertension Pharmacotherapy in Pregnancy: A Target Trial Emulation Approach

Presenting Author: Catherine Psaras, PhD
Co-Authors: Erin Delker, PhD // Gretchen Bandoli, PhD

COVID-19 and Recovery – Room 206

Co-Moderators:
Timothy Savage, MD, MPH, MSc // Ju-Young Shin, PharmD, PhD

10:30 AM

DARWIN EU® – Background Incidence Rates of Selected Vaccine Adverse Events of Special Interest (AESIs) in Europe

Presenting Author: Xintong Li
Co-Authors: Edward Burn // Daniel Prieto-Alhambra
Albert Prats-Urbe // Antonella Delmestri, PhD
Mees Mosseveld, MSc. // Talita Duarte Salles
Hedvig M.E Nordeng // Akram Mendez // Saeed Hayati
Nhung TH Trinh, PharmD, PhD // Agustina Giulliodori, PhD
Katia Verhamme, MD, PhD // Gargi Jadhav
James Brash, PhD // Anna Saura Lazaro, MD, MPH, PhD

10:45 AM

Prevalence and Event Rates of Acute Events and Prevalence of Long-term Organ Damage in Individuals with Sickle Cell Disease – A Retrospective Cohort Study Using Medicaid Claims Database

Presenting Author: Xunming Sun
Co-Authors: Yun Gu // Budhaditya Goswami // Jamie Ye
David Purdie // Carmine Colavecchia // Stephen E. Schachterle
Anan Zhou // Michelle A. Silver
Sarthak S. Maddiwar // Kui Huang

11:00 AM

Risk of Mortality of COVID-19 & Influenza Co-Infection Within 30-Days: A Clone-Censor-Weight Study

Presenting Author: Jack Chi-him Lau, MPH
Co-Authors: Min Fan // Pui Chun Chan
Kelvin Kai-Wang To // Celine Sze Ling Chui

11:15 AM

Prevalence, Characteristics and Pregnancy Outcomes in Women with Long COVID in the Optum Dynamic Assessment of Pregnancies and Infants Database

Presenting Author: Madhuri Palnati, PhD
Co-Authors: Katherine C. Hughes, ScD // Ashwini Chitrambalam
Michael C. Doherty // Jessica M. Franklin

11:30 AM

Psychoactive Medication Prescribing after Critical Illness in American Adults in the Absence of Supporting Diagnoses

Presenting Author: Ting Ting Wu, PharmD, PhD
Co-Authors:
Joseph O. Bienvenu, MD, PhD // Jane S. Saczynski, PhD
Louisa H. Smith, PhD // John W. Devlin, PharmD

11:45 AM

COVID-19 Increases the Risk of Hip Fractures in Older Subjects – A Register-Based Swedish Population Study

Presenting Author: Huiqi Li, PhD
Co-Authors: Kristina Kajba // Yiyi Xu, PhD
Ailiana Santosa, MD, PhD // Maria Bygdell, PhD
Claes Ohlsson, MD, PhD // Fredrik Nyberg, Prof.

Maternity Medley – Room 201

Co-Moderators:
Jeremy P. Brown // Edward Chia-Cheng Lai, PhD

10:30 AM

Pregnancy Cohort Enrollment Restrictions in Administrative Claims Data and Sample Characteristics

Presenting Author: Manja Koch
Co-Authors: Li Li // Susan Eaton
Nancy Maserejian // Kassandra Munger

10:45 AM

Aspirin Use During the First Trimester of Pregnancy and the Risk of Congenital Malformations: Emulating a Sequence of Target Trials

Presenting Author: Brian, Meng-Hsun Li
Co-Authors: Edward Chia-Cheng Lai, PhD

11:00 AM

Oral Corticosteroids During Pregnancy and Gestational Diabetes Mellitus: A Sequential Landmark Analysis

Presenting Author: Eun-Young Choi
Co-Authors: Yongtai Cho // Jeongin Oh // Ahhyung Choi
Hoon Kim // Ju-Young Shin, PharmD, PhD

11:15 AM

The Comparative Effectiveness and Safety of Labetalol Versus Nifedipine for the Treatment of Chronic Hypertension During Pregnancy

Presenting Author: Stephanie Leonard
Co-Authors: Sara Siadat // Krista Huybrechts // Elliott Main
Mark Hlatky // Brian Bateman

MAIN CONFERENCE
Program Schedule

11:30 AM
Risk of Severe Maternal Morbidity and Severe Neonatal Morbidity in Individuals with Rheumatic Diseases Using Antirheumatic Therapies During Pregnancy: A Population-Based Cohort Study
Presenting Author: Andrea V. Margulis
Co-Authors: Swaleh Hussain, MSc // Sara J.T. Guilcher, PhD
Lisa M. McCarthy, PharmD // Dharini Mahendira, MD
Howard Berger, MD // Mina Tadrous, PhD

11:45 AM
Increased Spontaneous Abortion Occurrence Among Treated and Untreated Groups: Is This the Will Rogers Phenomenon?
Presenting Author: Shenthuraan Tharmarajah, MSc
Co-Authors: Brian Calingaert, MS // John Seeger
Joan Forns, MPH, PhD // Alejandro Arana, MD, MPH, MSc, FISPE
Elena Rivero-Ferrer, MD, MPH, FISPE

**Non-Covid Vaccines:
Protecting Health and Building Trusts – Room 208AB**
Co-Moderators:
Constanza L. Andaur Navarro // Katherine Donegan, PhD

10:30 AM
Utilization of Near Real-Time, Pre-Adjudicated Claims Data for Timely Insights on the Risk of Guillain-Barré Syndrome (GBS) Following Respiratory Syncytial Virus (RSV) Vaccines during the Early Post-approval Period
Presenting Author: Joanne Wu
Co-Authors: Rafia Bosan // Tianyao Huo // Heather Rubino
Muhammad Younus, MBBS, MS, Ph.D // Lawrence Moulton
Maria Maddalena Lino // Shangzhi Gao, ScD
Devine Suisen // Efe Eworuke

10:45 AM
Risk of Incident Supraventricular Tachycardia Following Exposure to Recombinant Zoster Vaccine in Adults ≥50 Years of Age in the United States
Presenting Author: Sheryl A. Kluberg, PhD
Co-Authors: Sophie E. Mayer, PhD // Sarah Alam
Alexander Peters // Elizabeth Messenger-Jones, MSPH
Dongdong Li, PhD, MS // Richard Platt, MD, MSc
Belal Suleiman, MD // Christopher B. Granger, MD
Erick Moyneur, MA // Qianli Ma // Mano Selvan, PhD
Najat J. Ziyadeh // Kimberly Daniels, PhD, MS
Anna E. Wentz, PhD // Djeneba Audrey Djibo, PhD
Cheryl N. McMahonill-Walraven, MSW, PhD // Driss Oraichi
Harry Seifert // Valentine Franck // Huifeng Yun
O'Mareen Spence, PhD

11:00 AM
Recombinant Zoster Vaccine and Risk of Incident Guillain-Barré Syndrome in US Adults ≥ 65 Years of Age
Presenting Author: Susan dosReis, PhD
Co-Authors: Yueh-Yi Chiang, BSP Pharm
Alejandro Amill-Rosario, PhD // Haeyoung Lee, PharmD, PhD
Abree Johnson, MS, MBA // Kathleen Ryan, MPH, MS
Driss Oraichi // Harry Seifert // Valentine Franck
Huifeng Yun // O'Mareen Spence, PhD

11:15 AM
Current Approaches to Observational Study Designs and Analytical Options to Evaluate the Safety of Multi-Dose Vaccines: A Systematic Review
Presenting Author: Monica Mtei, MD, MSc
Co-Authors: Tu Pham Hien Trang // Adoración Navarro-Torné
Ian Douglas // Anna Schultze

11:30 AM
Rapid Surveillance Study to Evaluate Safety of Respiratory Syncytial Virus (RSV) Vaccine (ABRYSVOTM) Exposure During Pregnancy in the United States
Presenting Author: Sarah C. MacDonald, ScD, ScM
Co-Authors: Sampada Gandhi, MD, MPH, PhD
Sruthi Adimadhyam, PhD, MS // Stefanie Albert, MPH
Olympia Anastasiou // Susan E. Andrade // Soowoo Back
Austin Cosgrove // Djeneba Audrey Djibo, PhD
Nana Koram, PhD, MPH // Jennifer L. Kuntz, PhD
Shelly-Ann M. Love, PhD, MS // Nora P. McElroy, MPH
Cheryl N. McMahonill-Walraven, MSW, PhD
Ashley I. Michnick, PharmD, PhD // Kristin Palmsten
Andrew B. Petrone // Richard Platt, MD, MSc
Katherine E. Round // Heather Rubino // Anna E. Wentz, PhD
Fang Zhang // Judith C. Maro

11:45 AM
Preterm Birth and Small for Gestational Age Following Rsvpref Vaccination During Pregnancy
Presenting Author: Jacob Haapala
Co-Authors: Gabriela Vazquez Benitez // Elyse O. Kharbanda
Heather Lipkind // Kimberly Vesco // Matt Daley
Darios Getahun, MD // Nicola Klein, MD, PhD // Karen Jacobson
Allison Naleway // Lisa Jackson // Sarah Jorgensen
Candace C. Fuller, MPH, PhD // Brian Dixon
Katharine Raisler // Malini DeSilva

**Safer Drugs for Mental Illness and Addiction
Room 204ABC**
Co-Moderators:
G. Caleb Alexander, MD, MS // Anne M. Butler, PhD, MS

10:30 AM
Dose-Dependent Risk of Psychosis in Patients with Attention-Deficit/Hyperactivity Disorder Treated with Prescription Amphetamine
Presenting Author: Loreen Straub
Co-Authors: Jun Liu // Joseph Skinner // Lauren Moran

10:45 AM
Risk of Opioid Overdose Associated with Concurrent Use of Hydrocodone and CYP3A4-inhibiting Calcium Channel Blockers
Presenting Author: Sungho Bea, PharmD, PhD
Co-Authors: C. Andrew Basham // Heba H. Edrees Krista
Huybrechts // Seanna Vine // Robert Glynn
Brian Bateman // Katsiaryna Bykov, PharmD, ScD

11:00 AM
Opioid Overdose Associated with Concomitant Use of Hydrocodone and Selective Serotonin Reuptake Inhibitors
Presenting Author: Sungho Bea, PharmD, PhD
Co-Authors: Krista Huybrechts // Robert Glynn
Seanna Vine // Shruti Belitkar // Brian Bateman
Katsiaryna Bykov, PharmD, ScD

11:15 AM
Comparative Risk of Sedative-Related Use Disorders Following Benzodiazepine Treatment Versus Alternative Treatments in Adolescents and Young Adults
Presenting Author: Greta Bushnell
Co-Authors: Katherine Keyes // Sean McCabe
Magdalena Cerda // Tobias Gerhard, PhD // Deborah Hasin
Zhuoyue Gou // Mark Olfson, MD, MPH

11:30 AM
Risk of Major Bleeding with Concomitant Use of Selective Serotonin Reuptake Inhibitors and Antithrombotics: A Nationwide Case-Case-Time-Control Study
Presenting Author: Ju Hwan Kim, PharmD, PhD
Co-Authors: Bin Hong // Hyesung Lee, PhD // Ha Yun Choi
Ju-Young Shin, PharmD, PhD

11:45 AM
Effects of Discontinuation and Tapering of Antipsychotics in Older Adults Living with Dementia: Target Trial Emulations using Electronic Health Records
Presenting Author: Olivia K. Bryant
Co-Authors:
Jan Chobanov // Darshna Goordeen, GradDip(ClinPharm)
Li Wei // Emily Reeve // J. Simon Bell
Joshua Niznik, PharmD, PhD // Wallis Lau, PhD

**The Algorithm Awakens: Pregnancy and Data
Room 202AB**
Co-Moderators: Yanmin Zhu, MS, PhD // Marianne Cunnington, PhD

10:30 AM
Comparison of Lactation Information from Electronic Health Records with Survey Data Across Five U.S. Health Systems
Presenting Author: Gregory Jansen
Co-Authors: Elisabeth Seburg // Gabriela Vazquez Benitez
Kirsten Ehresmann // Hibo Mohamed // Lyndsay Avalos
Sonya Negriff // Amy Loree // Connor Howick
Yihe Daida // Kristin Palmsten

10:45 AM
Prevalence of Major Congenital Malformations Among the Insured Population in the United States Using Seven Algorithms
Presenting Author: Sruthi Adimadhyam, PhD, MS
Co-Authors: Thuy N. Thai, PhD // Catherine Callahan, PhD, MA
Leyla Sahin, MD // Miriam Dinatale // Jummai Apata, MBBS, DrPH
Megan Wiley // Andrew L. Simon, ScM
Jennifer G. Lyons, PhD // Wei Hua // Judith C. Maro

11:00 AM
Validation of ICD-10 Diagnosis Codes for Antepartum Anemia
Presenting Author: Anna Booman
Co-Authors: Sara Siadat // Brian Bateman // Irogue Igbinosa
Elliott Main // Deirdre Lyell
Cecilia Leggett // Stephanie Leonard

11:15 AM
Prevalence of Major Congenital Malformations Identified Using Diagnosis Codes Among Live-Born Infants in a U.S. Commercial Claims Database
Presenting Author: Shiyao Gao
Co-Authors: Alexander Breskin // Emma Lawless
Eadaoin O. Mahony // Andrea Marcus

11:30 AM
Development and Validation of Gestational Age Estimation Algorithms for Non-Live Births in Administrative Healthcare Databases
Presenting Author: Yongtai Cho
Co-Authors: Eun-Young Choi // Hyesung Lee, PhD
Yunha Noh // Jung Yeol Han // Seung-Ah Choe
Hoon Kim // Ju-Young Shin, PharmD, PhD

11:45 AM
Optimization of ICD-10-Based Algorithms for Estimating Gestational Age for Live and Non-Live Births in Healthcare Databases
Presenting Author: Chih-Wan Grace Lin
Co-Authors: Krista Huybrechts // Sonia Hernández-Díaz
Brian Bateman // Loreen Straub // Seanna Vine
Yanmin Zhu, MS, PhD

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MAIN CONFERENCE Program Schedule

S
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To Err is Not Only Human – *Ballroom AB*

Co-Moderators: Alec Walker, MD, DrPH // Rosa Gini, PhD

10:30 AM

Performance of Different Methods to Handle Multicollinearity for Propensity Score Matching: A Monte Carlo Simulation Study

Presenting Author: Michael, Chun-Yuan Cheng

Co-Authors:

Chris, Tzu-Ting Su, PharmD // Edward Chia-Cheng Lai, PhD

10:45 AM

Improving Confounding Control by Statin Utilization Prior to Follow-Up for 1-Year Mortality in U.S. Older Adults – Proof of Concept

Presenting Author: Tiansheng Wang, PharmD, PhD

Co-Authors: Virginia Pate // Keturah Faurot

Emilie D. Duchesneau, PhD // Robert Glynn

Dae Hyun Kim, MD, ScD // Jennifer L. Lund, PhD, MSPH

Til Stürmer, MD, PhD

11:00 AM

Empirical Validation of Negative Control Outcomes for Detecting Residual Confounding in Pharmacoepidemiology: A Real-World Data Application

Presenting Author: Jeong-eun Park

Co-Authors: Susan dosReis, PhD // Wendy Camelo

Castillo, MD, MSc, PhD // Xu Shi // Martijn Schuemie, PhD

Fang Tian // Wei Hua // Yong Ma // Zafar Zafari, MS, PhD

11:15 AM

The Relationship Between Sample Size and Standardized Mean Differences for Variable Selection: A Simulation Study

Presenting Author: Karen Diepstra

Co-Authors: Paul N. Zivich // Daniel Westreich

11:30 AM

Using Aggregate Historical Control Data to Assess the Effects of New Treatments: An Illustrative Example of Population Adjusted Indirect Comparisons

Presenting Author: Jack Ishak, PhD

Co-Author: Susan A. Oliveria, ScD, MPH, FISPE

11:45 AM

Cross-Site Imputation for Recovering Variables Without Individual Pooled Data

Presenting Author: Robert Thiesmeier

Co-Authors: Paul Madley-Dowd // Nicola Orsini // Viktor Ahlqvist

12:00 - 1:30 PM

COMMITTEE LUNCH – *CONCOURSES 200 & 300*

12:00 - 1:30 PM

LUNCH – *HALL D*

12:15 - 1:15 PM

SPOTLIGHT POSTER SESSION A – *HALL D*

1:30 - 3:00 PM

CONCURRENT SESSIONS

SYMPOSIA & WORKSHOPS

Building Transparency and Reproducibility into the Practice of Pharmacoepidemiology and Outcomes Research – *Room 202AB*

Presenting Author: Shirley V. Wang

Co-Authors:

Anton Pottegård // Joshua Gagne, PharmD, ScD, FISPE

Patrice Verpillat, MD, MPH, PhD

Bridging Real-World and RCT Endpoints: Mitigating Measurement Error Bias in Time-to-Event Endpoints in Studies using Oncology Real-world Data

Room 207AB

Presenting Author: Benjamin Ackerman, PhD

Co-Authors: Jennifer L. Lund, PhD, MSPH // James Roose

Youyi Zhang, PhD // Sebastian Schneeweiss, MD, ScD

Craig Meyer, PhD

Consolidated Multi-product/Disease-Based Pregnancy Exposure Registries: How to Encourage Collaboration in a Fragmented Environment?

Room 208AB

Presenting Author: Sara Ephross, PhD

Co-Authors: Leyla Sahin, MD // Corinne de Vries, PhD, MA

Sigal Kaplan, PhD, B.Pharm // Jessica Albano, PhD, MPH

Nicole Carneal-Frazer, PhD

What are Possible Approaches When the Active Comparator New Users Design (ACNU) is Not Easily Applicable? – *Ballroom AB*

Presenting Author: Anouk Déruaz Luyet, PhD, MPH

Co-Authors: Tianze Jiao // Elisabetta Patorno, MD, DrPH

Xabier García de Albéniz // Kristian B. Filion, PhD

Advances in Pharmacoepidemiology in Africa: The African Regional Interest Group Experience

Room 204ABC

Presenting Author: Paul Coplan, ScD

Co-Authors: Kwame Appenteng

Karen Cohen, MBChB MMed(Clin Pharm) MSc(Epid)

Chioma Ejekam // Brid Devlin // Sylvia A. Oponga, PhD

MAIN CONFERENCE

Program Schedule

Integrating Real-World Data with Randomized Controlled Trials: Advancing Evidence Generation

Room 201

Presenting Author: Emilie Toresson Grip
Co-Authors: Jessica C. Young, PhD // Kirk Geale, MSc, PhD
Rachael K. Ross, PhD // Jennifer Christian, PhD, PharmD, FISPE
Mary E. Ritchey, PhD, FISPE

What Can Pharmacoepidemiologists Do to Enhance Vaccine Confidence? – *Room 206*

Presenting Author: Noelle M. Cocoros
Co-Authors: Vincent Lo Re III, MD, MSCE
Catherine C. Cohet, PhD // Daniel Prieto-Alhambra
Daniel Salmon, PhD, MPH // Robert T. Chen, MD

3:30 - 5:00 PM

CONCURRENT SESSIONS

ORAL PRESENTATION

A Dose of Disparity: Measuring Inequality in Healthcare – *Room 206*

Co-Moderators:
Andrea Marcus // Sonal Singh

3:30 PM
Assessment of Medication Management Challenges and Technology Readiness Among Visually Impaired Persons: A Cross-sectional Survey Using a Validated IMPACT-VIP Questionnaire
Presenting Author: Pramod Kumar T. M., PhD
Co-Authors: Aiswarya Lekshmi // Ramesh M. Jehath Syed, PhD // Sri Harsha Chalasani

3:45 PM
Racial-Ethnic and Social Determinants of Health Variation In Drug Safety Evaluations: Limitations of Spontaneous Reports Data and the Importance of Advancing Risk Stratification Capabilities in RealWorld Data
Presenting Author: Darmendra Ramcharran, PhD, MPH
Co-Authors: Olivia Mahaux // Yao An Li Co-Author // Huilin Tang Jiang Bian // Serena Jingchuan Guo

4:00 PM
National Utilization of Pain Treatments among U.S. Cancer Survivors from 2011 through 2020
Presenting Author: Kevin Pritchard
Co-Authors: Mitra McLarney // Stephen Wechsler
Sadaf Arefi Milani // Kathleen Doyle Lyons

4:15 PM
Changes in Initial Treatment Types of Medication for Opioid Use Disorder Among Medicaid Beneficiaries
Presenting Author: Yujia Li, MS
Co-Authors: John G. Rizk // Uzma Pathan // Jannat Saini
Megan Ehret // Bethany DiPaula // Abree Johnson, MS, MBA
Kathleen Ryan, MPH, MS // Danya M. Qato, PhD, PharmD, MPH

4:30 PM
Evaluating the Impact of Varying Bias Thresholds in Pulse Oximeter Performance on Racial and Ethnic Disparities: A Simulation Study in COVID-19 Patients
Presenting Author: Xinyi Sun, BS
Co-Authors: Theodore J. Iwashyna, MD, PhD
Emmanuel F. Drabo, PhD, MPhil // Deidra C. Crews, MD, ScM
Kadija Ferryman, PhD, MA // John W. Jackson, ScD

4:45 PM
Approval Time Lag of Innovative Medical Devices between China and the U.S.
Presenting Author: Yingtian Ding, M.S.
Co-Authors: Mengyuan Fu, PhD // Luwen Shi // Xiaodong Guan

A Fine Assortment of Drug Safety Talks

Room 204ABC

Co-Moderators:
J. Bradley Layton, PhD, FISPE // Anne M. Butler, PhD, MS

3:30 PM
Risk of Neurodevelopmental Disorders with Fetal Azithromycin and β -lactam Exposure
Presenting Author: Marianne N. Otoo, MPharm, BPharm
Co-Authors: Thomas Lavoie, PharmD
Todd Brothers, PharmD, BCCCP, BCPS
Kristina E. Ward, PharmD, BCPS // Nicole Asal, PharmD, BCPS
Xuerong Wen, PhD, MS, MPH

3:45 PM
Application of Bayesian Detection of Potential Risk Using Inference on Blinded Safety Data (BDRIBS)
Presenting Author: Julie Rouette, PhD
Co-Authors: Luca Grassano, MSc // Alex Spiers, PhD
Matteo Pedone, PhD // Naomi Givens, MSc // Keele Wurst, PhD

4:00 PM
Associations of the Most Prevalent Antidepressants With Mortality and Cardiovascular Disease: A Retrospective Comparative Safety Study in a Nationwide Cohort of Veterans with Major Depressive Disorder
Presenting Author: Svetlana Eden, PhD
Co-Authors: Jesse Stewart, PhD // Robert Greevy, PhD
Charles Alcorn, MA // Amy Anderson-Mellies, MPH
Kaku So-Armah, PhD // Suman Kundu, PhD
Hilary Tindle, MD, MPH // Matthew Freiberg, MD, MSc

MAIN CONFERENCE

Program Schedule

4:15 PM
Leveraging Natural Language Processing (NLP) for the Detection of Drug-Induced Anaphylaxis in Clinical Notes
Presenting Author: Veronique Shiwa, PharmD
Co-Authors:
Yves Thorrez // Pieter Cornu, PhD, PharmD, MSc Epidemiology

4:30 PM
The Association Between GLP-1 RA Initiation and Cardiovascular Events Among Patients Treated with Levothyroxine: A Target Trial Emulation
Presenting Authors: Fanxing Du
Co-Authors: Naykky Ospina // Qing Liu // Hui Shao
Rozalina McCoy // Yishan Chen // Juan P. Brito // Tianze Jiao

4:45 PM
Use of Fluoroquinolones and the Risk of Seizures: A Population-Based Cohort Study
Presenting Author: Paraskevi Tassopoulou
Co-Author: Annika Vivirito

Innovative Methods and Designs in Vaccine Research: Advancing Precision and Impact

Room 207AB

Co-Moderators:
Ju-Young Shin, PharmD, PhD // Cindy Zhou

3:30 PM
Is the Climb Worth the View? Estimating COVID-19 Vaccine Effectiveness (VE) Using Nested Trials Vs. Traditional Matched Cohort Design
Presenting Author: Neloufar Rahai, PhD, MPH
Co-Authors: Tianyi Lu // Tianyu Sun // Amanda Wilson
Michelle Skornicki // Nan Shao // Elisha Beebe // Rohan Shah
Brent Arakaki // Katherine Mues // Andre Araujo

3:45 PM
Preparing for Vaccine Adverse Events of Special Interest-X (AESI-X): A Standardized Approach Applied to Novel Vaccines
Presenting Author: Eileen C. Farnon, MD, DTM&H
Co-Authors: Barbara Law // Dale Nordenberg
Madhav Balakrishnan // EunMi Kim // Sonali Kochhar
Catherine C. Cohet, PhD // Narayan Nair, MD
Jane Gwira, MD, MPH // Alexander Precioso // Rebecca Chandler

4:00 PM
Use of Proximal Causal Inference to Address Unmeasured Confounding in Target Trial Emulation: Empirical Example on Influenza Vaccination and Stroke
Presenting Author: Jinxin Guo
Co-Authors: Tiansheng Wang, PharmD, PhD // Zhike Liu
Siyan Zhan, PhD, MD // Yang Xu

4:15 PM
Randomization to Holding versus Continuing (JAKi, IL17) and Autoimmune Patient Responses to COVID-19 Boosters: Results from the Covid-19 VaccinE Response in Rheumatology Patients (COVER) Study
Co-Authors: Amy S. Mudano // Gary Cutter // Emily Holladay, MPH
kevin Winthrop // Ted Mikuls // Geoffrey Thiele // Mark Law
Monique Bastidas // Mike Zikry // Kelly Chun // Michael George
Naiara Alvarez // John Tesser // Jeffrey R. Curtis

4:30 PM
The VAC4EU Comprehensive Framework for Case Validation applied in Real World Evidence studies to Monitor Vaccine Safety
Presenting Author: Daniel Weibel
Co-Authors:
Amirreza Dehgahn Tarazjani // Cristina Rebordosa, MD, PhD
Joan Fortuny, MD PhD // Laura Zwiers, MPhil
Fariba Ahmadizar, PharmD, PhD
Alejandro Arana, MD, MPH, MSc, FISPE
Miriam C.J. Sturkenboom

4:45 PM
Analyzing Incidence of Adverse Events Commonly Assessed in Vaccine Safety Studies in Medicaid versus Commercially-Insured Populations in Carelon Research's OMOP Data
Presenting Author: Lauren E. Parlett, PhD
Co-Authors: Ramya Avula, MS // Daniel C. Beachler, PhD, MHS
Grace Stockbower // Alex Secora, PhD // Rosenie Thelus, PhD

3:30 - 5:00 PM

LIGHTNING SESSION 1 – *Room 201*

Co-Moderators:
Lisa Pont // Ursula Kirchmayer, MPH // Jessica J. Jalbert
Vera Ehrenst ein, MPH, DSc

3:30 PM
Effectiveness of Electronic Health Record Tools for Deprescribing in Older Adults: A 3-Arm Pragmatic Database-Randomized Trial
Presenting Author: Julie Lauffenburger
Co-Authors: Meekang Sung // Robert Glynn // Punam Keller
Ted Robertson // Lorenzo Trippa // Kaitlin Hanken
Nancy Haff // Niteesh Choudhry

3:35 PM
Estimating the Effect of a Discontinued Amyotrophic Lateral Sclerosis Treatment on Time-to-Death Using Sequential Target Trial Emulation
Presenting Author: Yuqin Wei
Co-Authors: Queeny Ip // Ting-Ying Huang
Ahmed Noman // Kenneth A. Taylor, DPT, PhD

MAIN CONFERENCE
Program Schedule

3:40 PM
Mind the Gap: A Simulation Study to Compare Definitions of Treatment Discontinuation
Presenting Author: Alexander Breskin
Co-Authors: Mengying Li, MSPH, PhD // Olivier Humblet
Chase D. Latour // Julius Asubonteng // Christian Hampp
Jessica J. Jalbert // Rachel E. Sobel

3:45 PM
Outcomes Associated with Deprescribing Versus Continuing Bisphosphonates for Older Nursing Home Residents with Dementia
Presenting Author: Joshua Niznik, PharmD, PhD
Co-Authors: Richa Gairola, MPH // Jennifer L. Lund, PhD, MSPH
Carolyn T. Thorpe, PhD, MPH // Cathleen Colon-Emeric, MD, MHS
Laura Hanson, MD, MPH

4:00 PM
Use of Atypical Antipsychotics for Delirium in Older Adults After Hospital Discharge and Risks of Adverse Clinical Outcomes
Presenting Author: Chun-Ting Yang
Co-Authors: James Wilkins // Kevin Pritchard // Xiaojuan Liu, PhD
Dae Hyun Kim, MD, ScD // Kueiyu Joshua Lin, MD, ScD, MPH

4:05 PM
Long-Term Trajectories and Predictors of Concurrent Psychotropic Medication Use in Residential Aged Care: A Group-Based Multi-Trajectory Modeling Approach
Presenting Author: Nasir Wabe
Co-Authors: Isabelle Meulenbroeks // Desiree Firempong
Rachel Urwin // Andrea Timothy // Magdalena Raban
Virginia Mumford // Johanna Westbrook

4:10 PM
Association Between Use of Selective Serotonin Reuptake Inhibitors and Adverse Clinical Outcomes in Older Adults with Behavioral and Psychological Symptoms of Dementia
Presenting Author: Chun-Ting Yang
Co-Authors: James Wilkins // Dae Hyun Kim, MD, ScD
Kueiyu Joshua Lin, MD, ScD, MPH

4:15 PM
Longitudinal Adherence Trajectories of Sodium-Glucose Cotransporter 2 Inhibitors (SGLT2i) and the Risk of Diabetes-Related Hospitalization
Presenting Author: Udim Damachi
Co-Authors: Godwin Okoye
Wendy Camelo Castillo, MD, MSc, PhD // Susan dosReis, PhD

4:30 PM
The Contribution of Racial Disparities in Medication Adherence to Disparities in Hypertension Control
Presenting Author: Aster Meche, MPH
Co-Authors: Lisa Cooper, MD, MPH
Hemalkumar B. Mehta, PhD, MS // G. Caleb Alexander, MD, MS
Jill Marsteller, PhD, MPP // John W. Jackson, ScD

4:35 PM
Group Based Trajectory Modeling to Identify Adherence Patterns of Mississippi Medicaid Members Initiating GLP-1 Receptor Agonists for Obesity Management
Presenting Author: Shadi Bazzazadehgan
Co-Authors: Liang-Yuan Lin // Omkar Ghodke // Dennis Smith
Terri Kirby // Eric Pittman // Kaustuv Bhattacharya

4:40 PM
Automated Prediction of Medicare Member Medication Adherence Using Predictive Modeling and Real-World Data
Presenting Author: Ruihua Yin
Co-Authors: Ruicui Liu // Christopher Reminuse // Mohit Singha
Yirun Li // Jason Scott, PhD

4:45 PM
Benzodiazepines Continuation and De-Intensification Versus Discontinuation and Short-Term All-Cause Mortality Among Older U.S. Adults Following Hospitalization for Hip Fracture
Presenting Author: Meng Pan, MS
Co-Authors: Emilie D. Duchesneau, PhD
Dae Hyun Kim, MD, ScD // Charles Poole, ScD // Keturah Faurot
Robert Glynn // Jennifer L. Lund, PhD, MSPH
Michele Jonsson Funk, PhD // Elyse Miller // Alan Ellis
Til Stürmer, MD, PhD

3:30 - 5:00 PM
CONCURRENT SESSIONS
ORAL PRESENTATION

**A Dose of Disparity:
Measuring Inequality in Healthcare – Room 202AB**
Co-Moderators:
Daniel C. Beachler, PhD, MHS // Vincent Lo Re III, MD, MSCE

3:30 PM
A Weighting Method to Remove Bias Due to Within-Subject Exposure Dependency When the Exposure Has Multiple Levels in Case-Crossover Studies: A Simulation Study
Presenting Author: Kiyoshi Kubota
Co-Authors: Tsugumichi Sato // Thu-Lan Kelly

3:45 PM
Comparison of Approaches for Regression Discontinuity Analysis of the Effect of a Treatment Policy for Statin Prescribing on Atherosclerotic Cardiovascular Disease Incidence
Presenting Author: Wentao Li

4:00 PM
Patient-Reported Outcome Endpoint Emulation in Heart Failure External Control Study
Presenting Author: Onyeka Illloh
Co-Authors:
Zafar Zafari, MS, PhD // Almut G. Winterstein, PharmD, PhD
Mathangi Gopalakrishnan, PhD // Javed Butler, MD, MPH, MBA
Andreas Kalogeropoulos, MD MPH PhD // Susan dosReis, PhD

4:15 PM
Comparison of Estimators of the Natural Direct Effect Under Model Misspecification: A Monte Carlo Simulation Analysis
Presenting Author: Kyle Johnson, MSc
Co-Authors: Sarah Beradid, MSc // James M. Brophy, MD, PhD
Janie Coulombe // Christel Renoux, MD, PhD
Robert W. Platt, PhD

4:30 PM
Use of Alternative Study Designs in Evaluating Comparative Risks of Infections Among Patients with Moderate-to-Severe Psoriasis Treated with Newer Vs. Older Immunomodulatory Treatments
Presenting Author: Yinzhu Jin
Co-Authors: Maria Schneeweiss // Priyanka Anand
Susan S. Jick, DSc // Rishi Desai, MS, PhD
Sebastian Schneeweiss, MD, ScD

4:45 PM
Impacts of RWD-Related Biases in Bayesian Borrowing Through the Use of Simulation Study
Presenting Author: Angela Zhu, PhD
Co-Authors: Victoria Strauss // Matthew Valko, PhD
Dooti Roy, PhD // Mitchell Thomann

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Mining Expeditions – Ballroom AB

Co-Moderators:
Emilie D. Duchesneau, PhD // Michael Webster-Clark

3:30 PM
Validation and Extension of IPW-Adjusted
Cox Regression Using Super Learning:
Insights from Antihypertensive and
Antihyperlipidemic Therapy Comparisons
Presenting Author: Sumaira Mubarik
Co-Authors: Xuechun Li // Eelko Hak

3:45 PM
Performances of the Deep Learning Approach to
Nonparametric Propensity Score Estimation with
Optimized Covariate Balance in Small Samples
Presenting Author: Hoa Le

4:00 PM
Benefits of Machine Learning Methods for Identifying
Clinical Features and Patient Characteristics Associated
with Treatment Outcomes in Autoimmune Conditions
Presenting Author: Heather Litman
Co-Authors: Scott Henderson // Andrea Austin
Yolanda Munoz Maldonaldo, PhD // Robert R. McLean
Melissa Eliot // Miao Yu // Sandra I. Main, MPH
Tyan Aleshire, BS // Denise Bennett Mason
Leslie Harrold, MD, MPH

4:15 PM
Tree-based Scan Statistics to Evaluate
Drug Safety in Pediatric Populations:
Sulfamethoxazole/Trimethoprim as a Positive Test Case
Presenting Author: Kelly Fung
Co-Authors: Loreen Straub // Timothy Savage, MD, MPH, MSc
Massimiliano Russo, PhD, MS // Helen Mogun
Thomas Deramus // Georg Hahn, PhD
Shirley V. Wang // Krista Huybrechts

4:30 PM
Impact of P-Value Adjustments on Signal Detection in
Sequence Symmetry Analysis
Presenting Author: Miyuki Hsing-Chun Hsieh, PhD
Co-Authors: Michael, Chun-Yuan Cheng
Chris, Tzu-Ting Su, PharmD // Edward Chia-Cheng Lai, PhD

4:45 PM
Differentiating Between Uncontrolled Confounding
and Heterogenous Treatment Effects in Individualized
Treatment Effect Prediction Models Using Machine
Learning: Leveraging Negative Controls
Presenting Author: Gerard Portela, PhD
Co-Authors: Robert Glynn // Sebastian Schneeweiss, MD, ScD
Rishi Desai, MS, PhD

Navigating the Neurochemical Journey in
Pregnancy – Room 208AB

Co-Moderators:
Alexandra Z. Sosinsky, ScM // Annette Regan, PhD, MPH

3:30 PM
Antipsychotic Use During Pregnancy and
Risk of Pregnancy and Delivery Complications:
A Danish Nationwide Register-Based Cohort Study
Presenting Author: Emely Ek Blæhr, PhD, MSc
Co-Authors: Birgitte Dige Semark
Liselotte Vogdrup Vogdrup Petersen, PhD
Trine Munk-Olsen, PhD // Thalia Robakis, PhD
Luz H. Ospina // Lars Henning Henning Pedersen, PhD, MD
Veerle Bergink, PhD // Xiaoqin Liu, PhD

3:45 PM
Maternal Opioid Use During Lactation and the Risk of
Adverse Infant Outcomes: A Nationwide Cohort Study
Using the National Health Screening Program for Infants
Presenting Author: Eun-Young Choi
Co-Authors: Yongtai Cho // Ju-Young Shin, PharmD, PhD

4:00 PM
Paternal Exposure to Valproate and Risk of
Neurodevelopmental Disorders in Children –
A Nationwide Registry-Based Study in Norway
Presenting Author: Lin-Chieh Meng
Co-Authors: Marleen M. H. J . van Gelder, PhD // Angela Lupattelli
Hui-Min Chuang // Hsi-Yu Lai // Liang-Kung Chen
Fei-Yuan Hsiao // Hedvig M.E Nordeng

4:15 PM
Prenatal Opioid Exposure and the Risk of Adverse
Neonatal and Neurodevelopmental Outcomes:
A Systematic Review and Meta-Analysis
Presenting Author: Sophia DiMuccio
Co-Authors: Xuerong Wen, PhD, MS, MPH
Marianne N. Otoo, MPharm, BPharm // Israel Adenekan
Yichi Zhang, PhD, MS, BS
Todd Brothers, PharmD, BCCCP, BCPS
Kristina E. Ward, PharmD, BCPS

4:30 PM
Benzodiazepine Use in Pregnancy and the
Risk of Abortion, Stillbirth, and Preterm Birth:
Emulating a Sequence of Target Trials
Presenting Author: Brian, Meng-Hsun Li
Co-Author: Edward Chia-Cheng Lai, PhD

4:45 PM
Benzodiazepines and Spontaneous Abortions:
Sequential Target Trial Emulation Design and
Other Methodological Considerations
Presenting Author: Chih-Wan Grace Lin
Co-Author: Brian Bateman // Sonia Hernández-Díaz
Loreen Straub // Yanmin Zhu, MS, PhD
Helen Mogun // Krista Huybrechts

5:15 - 6:45 PM
CONCURRENT SESSIONS
SYMPOSIA & WORKSHOPS

Real-World Evidence in Regulatory Decision-Making
for Medical Products – Room 206
Presenting Author: Marie Bradley, PhD, MPharm, MSc.PH
Co-Authors: Gerald Dal Pan, MD, MHS // Richard A. Forshee
Donna Rivera // Daniel Canos, PhD

The Clone-Censor-Weight Approach:
From Basic Principles to Its Transformation in
Diverse Exposure and Outcome Scenarios
Ballroom AB
Presenting Author: Daniel Hsiang-Te Tsai
Co-Authors: Kenneth Man // Avery Shuei-He Yang, MClinPharm
Charles E. Gaber, PhD, MPH // Jennifer L. Lund, PhD, MSPH
Edward Chia-Cheng Lai, PhD

Dynamic Modeling of Medication Adherence:
A Hands-on Exploration of Trajectory
Analysis Techniques – Room 201
Presenting Author: Chao Cai, PhD
Co-Authors: Julie Lauffenburge // Marissa Seamans

The Future of Pharmacovigilance:
Accelerating Signal Identification with Electronic
Healthcare Data – Room 202AB
Presenting Author: Jian-Yu E, ScD, MPH, MD
Co-Authors: Judith C. Maro // Patrick Ryan, PhD
Monica Muñoz, PhD // Catherine C. Cohet, PhD
G. Caleb Alexander, MD, MS // Benjamin D. Bray, MD MBChB
Juhaeri Juhaeri, PhD

Resolved That the Hierarchy of Evidence Should
Be Replaced: A Debate – Room 204ABC
Presenting Author: Lisa Weiss, PhD, MPH
Co-Authors: Kirk Geale, MSc, PhD // Christina D. Mack, PhD
Mary E. Ritchey, PhD, FISPE

Overcoming Challenges in CDM Harmonization
from Within-Country Coordination to
International Collaboration – Room 208AB
Presenting Author: Chin-Yao Shen
Co-Authors: Kristian B. Filion, PhD // Darren Toh, ScD
Daniel Prieto-Alhambra // Nicole Pratt, PhD

Addressing the Threat of Confounding in
Pharmacoepidemiology with Innovative Methods:
Lessons from the FDA Sentinel Innovation Center
Room 207AB
Presenting Author: Rishi Desai, MS, PhD
Co-Authors: Fatma M. Shebl, MD, PhD, MS // Pamela Shaw
Xu Shi // Richie Wyss

7:00 - 8:00 PM
ISPE SPECIAL INTEREST GROUP MEETINGS
Open to all attendees.

Databases for Pharmacoepidemiological Research
Room 302
Digital Technologies and Artificial Intelligence
Room 201
Drug-Drug Interaction – Room 301
Pediatrics – Room 203AB
Medical Devices – West Overlook
Vaccines – East Overlook

ISPE REGIONAL INTEREST GROUP MEETINGS
Open to all attendees.
Latin America – Room 303

7:00 - 11:00 PM
STUDENT MEET & GREET – YARDHOUSE

MAIN CONFERENCE

Program Schedule

M O N D A Y , A U G U S T 2 5

7:00 AM - 6:00 PM

REGISTRATION – HALL D

7:00 AM - 6:00 PM

LACTATION ROOM – ROOM 306

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7:00 AM - 6:00 PM

SPEAKER READY ROOM – ROOM 304

Only required if you need to upload your presentation, or update/replace an already-uploaded presentation. Please complete uploads 24-hours in advance of your session.

7:00 - 8:00 AM

COFFEE WITH EXHIBITORS – HALL D

7:00 - 8:00 AM

POSTER SESSION SETUP B – HALL D

7:00 - 8:00 AM

ISPE SPECIAL INTEREST GROUP MEETINGS

Open to all attendees.

Adherence – Room 209ABC

Asian Pharmacoepidemiology Network (AsPEN)
Room 301

Medications in Pregnancy & Lactation (MiPaL)
Room 302

Geriatric Pharmacoepidemiology – Room 201

Rare Disease – Room 303

Drug Utilization / Health Services Research
East Overlook

8:00 AM - 6:00 PM

POSTERS & EXHIBITS – HALL D

8:15 - 9:45 AM

CONCURRENT SESSIONS

ORAL PRESENTATION // POSTER

Drug Effectiveness from Head-to-Toe – Room 206

Co-Moderators:

Hemalkumar B. Mehta, PhD, MS // Kristian B. Fillion, PhD

8:15 AM

Cardiovascular Effectiveness of Semaglutide: Using Real-World Data to Predict Findings of the Ongoing SOUL Cardiovascular Outcomes Trial

Presenting Author: Sushama Kattinakere Sreedhara, MBBS, MSPH

Co-Authors: Sebastian Schneeweiss, MD, ScD

Elyse C. DiCesare, BA // Elisabetta Patorno, MD, DrPH

Marie Bradley, PhD, MPharm, MSc.PH // John Concato

Shirley V. Wang

8:30 AM

Concomitant Use of Direct Oral Anticoagulants and COX-2 Selective Non-Steroidal Anti-Inflammatory Drugs and the Risk Of Gastrointestinal Bleeding in Patients with Non-Valvular Atrial Fibrillation: Multinational Cohort Study

Presenting Author: Fabian M. Meinert

Co-Authors: Jenny Dimakos // Ying Cui // Kristian B. Fillion, PhD

Christel Renoux, MD, PhD // Antonios Douros

8:45 AM

The Association Between the Use of RAAS Inhibitors and Prevention of New-Onset Pancreatic Cancer: A Target Trial Emulation

Presenting Author: Fanxing Du

Co-Authors: Thomas D. Schmittgen // Yi Guo

Farzin Khosrow-Khavar // Qing Liu // Corey M. Perkins

Jinmai Jiang // David Deremer // Caitrin W. McDonough

Yi Lian // Thomas J. George // Tianze Jiao

9:00 AM

Comparative Effectiveness of Denosumab and Oral Bisphosphonates in U.K. and Danish Real World Data

Presenting Author: Eng Hooi (Cheryl) Tan

Co-Authors: Trishna Rathod-Mistry // Victoria Strauss

James O’Kelly // Vanessa Brunetti

Alma Becic Pedersen // Vera Ehrenstein, MPH, DSc

Daniel Prieto-Alhambra

9:15 AM

Association Between Leukotriene Receptor Antagonist Use and Reduced Risk of Epileptic Seizure in Patients with Asthma: A Self-Controlled Case Series Study

Presenting Author: Boqing Chen

Co-Authors: Kenneth Man // Yogini Jani, PhD // Wallis Lau, PhD

9:30 AM

Comparison of Oral and Long-Acting Injectable Antipsychotics on Disease Relapses and Healthcare Utilizations in Bipolar Disorder: A 20-Year Follow-Up Study

Presenting Author: Eunice Kehui Deng

Co-Authors: Caige Huang // Yue Wei // Kit Wa Chan

David J Castle // Francisco Tsz Tsun Lai, PhD // Wai Yin Chan

Keep Pumping: Cardiovascular and Respiratory Drug Safety – Room 204ABC

Co-Moderators:

Rishi Desai, MS, PhD // Elisabetta Patorno, MD, DrPH

8:30 AM

Risk of Incident Atrial Fibrillation Among Female Users of Osteoporosis Treatments

Presenting Author: Rebecca Persson, MPH

Co-Authors: Tzu-Hsuan Yang, MPH // Zarena Jafry, MPH

Katrina Wilcox Hagberg, MPH

Catherine Vasilakis-Scaramozza, PhD // Susan S. Jick, DSc

8:45 AM

Risk of Hemorrhage in Patients on Oral Anticoagulants Due To Pharmacodynamic Drug Interactions: A Case-Crossover Analysis

Presenting Author: Ainhua Gomez-Lumbreras, MD, PhD

Co-Authors: Dan Ouchi // Maria Giner-Soriano, PharmD, PhD

Rosa Morros, MD, PhD

9:00 AM

Utilization Patterns of Anticoagulants Before, During, and After Pregnancy in the United States

Presenting Author: Theresa J. Foster, PharmD

Co-Authors: Krista Huybrechts // Sonia Hernández-Díaz

Brian Bateman // Seanna Vine // Motohiko Adomi

Yanmin Zhu, MS, PhD

9:15 AM

Risk of Major Adverse Cardiovascular Events in Patients Receiving Roflumilast for the Treatment of Chronic Obstructive Pulmonary Disease: A Retrospective Cohort Study Using Target Trial Emulation Framework

Presenting Author: Hung-Kai Chen

Co-Authors: Shao-Hsuan Chang // Yehua Wang, MSPH

Tianze Jiao // Almut G. Winterstein, PharmD, PhD

9:30 AM

Timing of Antidiabetic Medication Initiation and Risk of Major Adverse Cardiovascular Events and Mortality: A Target Trial Emulation with Clone-Censor-Weight Approach

Presenting Author: Hwa Yeon Ko, PharmD

Co-Authors: Yunha Noh // Bin Hong // Kyungyeon Jung, PharmD

Ju-Young Shin, PharmD, PhD

8:15 - 9:45 AM
LIGHTNING SESSION 2 – Room 201

Co-Moderators:

Mary E. Ritchey, PhD, FISPE // Mina Tadrrous, PhD

Ann Marie McNeill, PhD, MPH // Hiraku Kumamaru, MD, ScD

8:15 AM

Comparative Effectiveness of Left Atrial Appendage Occlusion Versus Oral Anticoagulants in Older Atrial Fibrillation Patients

Presenting Author: Xiaojuan Liu, PhD

Co-Authors: Sebastian Schneeweiss, MD, ScD

Daniel E. Singer, MD // Jerry Avorn, MD

E. Kevin Heist, MD, PhD // Kueiyu Joshua Lin, MD, ScD, MPH

8:20 AM

Economic Outcomes for VELYS Robotic-Assisted Solution (VRAS) and MAKO for Total Knee Arthroplasty

Presenting Author: Anshu Gupta, PhD

Co-Authors: Savyasachi Thakkar, MD // Dhara Intwala

Jill Ruppenkamp

8:25 AM

Reduced Complications Associated with Use of Intracardiac Echocardiography (ICE) and Three-Dimensional (3D) Mapping During Catheter Ablation Procedure Among Elderly Patients with Atrial Fibrillation

Presenting Author: Yiran Rong

Co-Authors: Christopher Liu // Rahul Khanna

Tom Wei // Kevin Corriveau

8:30 AM

Does the Risk of Readmission and Revision Events After Cervical Spine Fusion Differ in Hospital Billing Versus Claims Data?

Presenting Author: Katherine Corso

Co-Authors: Anna Wallace // Jill Ruppenkamp // Paul Coplan, ScD

8:45 AM

Impact of the Lookback Period, Age and Gender on the Estimation of the Incidence of Diabetes and Heart Failure on Medico-Administrative Databases – FIREFLY Study

Presenting Author: Fanny Raguideau, PharmD

Co-Authors: Clémentine Vabre, PharmD // Nassia Naïmi

Jérôme Fernandez // Juliette Longin // Antoine Neuraz

Cécile Gineste // Nicolas Pages

MAIN CONFERENCE
Program Schedule

8:50 AM

Mortality and Hospitalization Rates of Adults with Stable, Chronic Heart Failure with Reduced Ejection Fraction in the U.S. – A Claims Analysis to Inform Clinical Trial Background Rates

Presenting Author: Xinyue Liu, PhD, MS
Co-Authors: Bryan Young, MD // Mazhar Thakur, MD, MBA, MAMM
Ping Shao, MS // Caitlin Knox

8:55 AM

SGLT2 Inhibitors and Fracture and Amputation Among Medicare Beneficiaries with Heart Failure

Presenting Author: Tsung-Hua Shen, MS, BPharm
Co-Authors: Joel Farley, PhD // John Schommer, MS, PhD, RPh
Eric Weinhandl, PhD // Helen Parsons

9:00 AM

Are Heart Failure Diagnoses Sufficient for Heart Failure Classification? Evaluating NYHA Class and Ejection Fraction Extracted from Unstructured EHR Notes in Improving Heart Failure Classification Using Real-World Data

Presenting Author: Sarah Eng
Co-Authors: Jordan Swartz // Nadia Tabatabaeepour
Vidya Venkataraman // Esther Kim, PhD

9:15 AM

Exploring the Impact of Implementing Automated Dispensing Cabinet Systems on Patient Safety and Human Resource Management in Inpatient Pharmacy Service at a Medical Center in Taiwan

Presenting Author: Yu-Sheng Chu
Co-Authors: Ching-Lan Cheng, PhD
Yea-Huei Kao Yang

9:20 AM

Impact of National Patient Safety Alert After Attention Deficit Hyperactivity Disorder Medication Supply Shortage in England: A Repeated Cross-Sectional Study

Presenting Author: Li-Ting Fang
Co-Authors: Mina Tadrous, PhD // Teng-Chou Chen

9:25 AM

Trends and Disparities in Pharmacy Shortage Areas in Urban, Suburban, and Rural Neighborhoods in the U.S.

Presenting Author: Jeffrey W. Rozelle, PhD
Co-Authors: Shyam K. Ondanat Veetil, MS
Jenny S. Guadamuz, PhD, MSPH // Robert O. Vos, PhD
Dima M. Qato, PharmD, MPH, PhD

9:30 AM

The Association between Drug Shortages and Prices Across 74 Countries: Uncovering Global Access Inequities

Presenting Author: Shanzeh Chaudhry
Co-Authors: Shuchen Hu // Araniy Santhireswaran
Cherry Chu, MSc // Caijun Yang // Yu Fang
Katie Suda, PharmD, MS, FCCP // Etienne Gaudette
Quinn Grundy // Mina Tadrous, PhD

8:15 - 9:45 AM

CONCURRENT SESSIONS

ORAL PRESENTATION // POSTER

Machines Make it Easier – Ballroom AB

Co-Moderators:
Harriet Dickinson, PhD // John Diaz-Decaro

8:15 AM

Extracting Adverse Event Timelines, Severity, and Resulting Interventions from Clinical Notes of Patients Receiving CAR-T Therapy Using Large Language Models

Presenting Author: Jordan Guillot
Co-Authors: Brenda Miao // Arvind Suresh // Christopher Williams
Jeffrey Wolf // Travis Zack // Atul Butte

8:30 AM

A Comparison of Traditional versus Semi-Automated Processes for Screening and Data Extraction in a Systematic Literature Review

Presenting Author: Fidelia Ida
Co-Authors: Quazi Ataher

8:45 AM

An Experiment from SeValid: Integration of Artificial Intelligence in the Clinical Validation Pipeline of the VACcine Monitoring Collaboration for Europe (VAC4EU)

Presenting Author: Rosa Gini, PhD
Co-Authors: Giulia Hyeraci // Marco Lippi // Valeria Nardoni
Martina Maccar // Giorgio Limoncella
Alejandro Arana, MD, MPH, MSc, FISPE // Ersilia Lucenteforte
Simone Marinai // Sima Mohammadi, MD // Giuseppe Roberto
Gianni Virgili // Daniel Weibel // Amirreza Dehgahn Tarazjani

9:00 AM

Pruning to Increase Computational Efficiency for Tree-Based Scan Statistics

Presenting Author: Georg Hahn, PhD
Co-Authors: Massimiliano Russo, PhD, MS // Shirley V. Wang

9:15 AM

Pitfalls of Using AI Tools to Write Statistical Analysis Plans for Pharmacoepidemiology Target Trial Emulation in Electronic Health Insurance Databases Without Pre-Training

Presenting Author: Peter Pin-Sung Liu, PhD
Co-Authors: Miyuki Hsing-Chun Hsieh, PhD
Edward Chia-Cheng Lai, PhD

9:30 AM

Benchmarking Large Language Models and Optical Character Recognition to Enhance Network Meta-Analyses

Presenting Author: Andy Dang
Co-Authors: Ameeta` Agrawal // Mingyang Shan

MAIN CONFERENCE
Program Schedule

Metabolic Risk and Cardiovascular Disease

Room 207AB

Co-Moderators:
Laure Carcaillon-Bentata // G. Caleb Alexander, MD, MS

8:15 AM

Real-World Evidence on the Legacy Effect of Early Versus Late Glycaemic Reduction with Kidney Failure in Newly-Diagnosed Patients with Type 2 Diabetes Without Chronic Kidney Disease

Presenting Author: Aimin Yang
Co-Authors: Xinge Zhang // Hongjiang Wu // Mai Shi // Eric Lau
Jiazhou Yu // Baoqi Fan // Juliana Lui // Alice Kong // Andrea Luk
Ronald Ma // Juliana Chan // Elaine Chow

8:30 AM

SLCO1B1 Functional Variants and Statin Efficacy Biomarkers: Analysis of 68,553 U.K. Biobank Users

Presenting Author: Daniel Prieto-Alhambra
Co-Authors: Junqing Xie // Marta Alcalde-Herraiz
Danielle Newby // Annika Jodicke

8:45 AM

Statins and Risk of Gastrointestinal Cancer: A Mendelian Randomization Study

Presenting Author: Tien Tran, PharmD, MPH
Co-Authors: Zafar Zafari, MS, PhD

9:00 AM

Circadian Rhythms and Cardiovascular Integrity: Unveiling the Influence of Sleep Patterns on Aortic Aneurysm and Dissection in the U.K. Biobank Cohort

Presenting Author: Shengfeng Wang
Co-Authors: Wenpeng Li // Qiaorui Wen

9:15 AM

Optimising Lipid Monitoring Interval for Primary Prevention of Cardiovascular Diseases in Patients with Type-2 Diabetes: A Target Trial Emulation Study

Presenting Author: Boyuan Wang, MPH
Co-Authors: Emily Tsui Yee Tse // Celine Sze Ling Chui
Cindy Lo Kuen Lam // Eric Yuk Fai Wan

9:30 AM

Association Between Genetic Polymorphisms of Interest and Risk of Myopathy Among Statin Users: A Proof-of-Concept Study in DARWIN EU

Presenting Author: Marta Alcalde-Herraiz
Co-Authors: : Junqing Xie // Marek Oja, PhD // Raivo Kolde
Danielle Newby // Daniel Prieto-Alhambra

Older Adults are All Heart

Room 208AB

Co-Moderators:
O'Mareen Spence, PhD // Earl Morris, PharmD, MPH, PhD

8:15 AM

Epidemiology of the Gabapentinoid-Loop Diuretic Prescribing Cascade among U.S. Nursing Home Residents

Presenting Author: Kaleen N. Hayes, PharmD, PhD
Co-Authors: Emmanuelle Belanger // Arman Oganisian
Richa Joshi // Xiao Wang // Andrew R. Zullo

8:30 AM

Comparative Effectiveness of Two Recombinant Shingles Vaccination Strategies for New Admissions to VA Nursing Homes

Presenting Author: Kevin W. McConeghy, PharmD, PhD
Co-Authors: Daniel Harris, PhD, MPH
Kaleen N. Hayes, PharmD, PhD // Lisa Han, MPH
Edward Davidson, PharmD, MPH // Mriganka W. Singh
Yasin W. Abul // Thomas A. Bayer // Stefan Gravenstein, MD, MPH

8:45 AM

Tiotropium Initiation and Dementia Risk in Older Adults with Chronic Obstructive Pulmonary Disease: A Population-Based Cohort Study

Presenting Author: Che-Yuan Wu
Co-Authors: Tetyana Kendzerska // Christa Wang
Lisa Y. Xiong // Jodi D. Edwards // Peter P. Liu
Refik Saskin // Walter Swardfager

9:00 AM

Effectiveness and Safety of Gabapentinoids versus Muscle Relaxants for among Older Adults with Chronic Back Pain and Prolonged Opioid Use

Presenting Author: Kevin Pritchard
Co-Authors: Chun-Ting Yang // Xiaojuan Liu, PhD // James Wilkins
Dae Hyun Kim, MD, ScD // Kueiyu Joshua Lin, MD, ScD, MPH

9:15 AM

Comparative Safety of Methylphenidate and Amphetamine Initiation on Major Adverse Cardiovascular Events Among Older Adults

Presenting Author: Noah Smith, PharmD, MBA
Co-Authors: Daniel Manion // Emily Slade, PhD
Karen Blumenschein, PharmD, MS // Chris Delcher, PhD, MS
Daniela C. Moga, MD, PhD, FISPE

9:30 AM

Oral Anticoagulation and Risk of Adverse Clinical Outcomes in Patients with Venous Thromboembolism

Presenting Author: Sungho Bea, PharmD, PhD
Co-Authors: Geetha S Iyer, PhD // Dae Hyun Kim, MD, ScD
Kueiyu Joshua Lin, MD, ScD, MPH // Yichi Zhang
Heidi Zakoul // Helen Tesfaye // Katsiaryna Bykov, PharmD, ScD

MAIN CONFERENCE
Program Schedule

**Trial & Triumph:
Targeting Success in Pregnancy Studies**
Room 202AB

Co-Moderators:
Tania Schink, Dr, MPH // Catherine Rogers Murray

8:15 AM
Risk of Secondary Thromboembolism Event
Following Intravitreal Injections of Anti-VEGF Agents:
A Target-Trial Emulation Study

Presenting Author: Avery Shuei-He Yang, MCLinPharm
Co-Authors: Tsung-Hsien Tsai // Lan-Hsin Chuang
Shih-Chieh Shao, PhD // Edward Chia-Cheng Lai, PhD

8:15 AM
GLP-1 Receptor Agonist Continuation into the First
Trimester of Pregnancy and Risk of Non-Live Birth and
Abnormal Fetal Growth: A Target Trial Emulation

Presenting Author: Jeremy P. Brown
Co-Authors: Krista Huybrechts // Loreen Straub
Brian Bateman // Sonia Hernández-Díaz

8:30 AM
Patterns of Topiramate Use Among Women of
Childbearing Potential in the U.S.A. (2000-2023)

Presenting Author: Amir Sarayani, PharmD, MPH, PhD
Co-Authors: Erica A. Voss, PhD, MPH, PMP
Patrick Ryan, PhDChris Knoll // Leslie Killion
Bo Fan, MD/PhD // Kourtney J. Davis, PhD, MSPH
Melanie H. Jacobson // David M. Kern, PhD

8:45 AM
Risk of Pregnancy Loss with Vedolizumab Use During
Pregnancy Compared to TNF Inhibitors in Individuals
with Inflammatory Bowel Disease

Presenting Author: Yanning Wang, MS
Co-Authors: Celeste L.Y. Ewig // Nicole E. Smolinski, PharmD, PhD
Sonja A. Rasmussen, MD // Ellen M. Zimmermann, MD
Almut G. Winterstein, PharmD, PhD

9:00 AM
Timing for Aspirin Initiation in Pregnancy and the Risk of
Preeclampsia: Emulating a Sequence of Target Trials

Presenting Author: Brian, Meng-Hsun Li
Co-Author: Edward Chia-Cheng Lai, PhD

9:15 AM
Switching to Preferred Antihypertensives During Early
Pregnancy in Individuals with Pre-Existing Hypertension
and Risk of Pregnancy Loss: Emulating a Target Trial
Using Real-World Data

Presenting Author: Yanning Wang, MS
Co-Author: Almut G. Winterstein, PharmD, PhD

9:30 AM
Periconceptional Statin Discontinuation, Maternal
Cardiovascular Events, and Pregnancy Outcomes:
A Target Trial Emulation

Presenting Author: Yongtai Cho
Co-Author: Danbee Kang // Hyunjoo Lim // Hyesung Lee, PhD
Eun-Young Choi // Ki Hong Choi // Ju-Young Shin, PharmD, PhD

9:45 - 10:15 AM
COFFEE BREAK – HALL D
Sponsored by Thermo Fisher Scientific

10:15 - 11:30 AM
PLENARY SESSION
Burdens of Proof in the Pharmaceutical Century
Ballroom AB

Pharmacoepidemiology is a historical science whose own history is rooted in a series of real-world controversies over what constitutes evidence and who should bear the burden of proof when patients are harmed by novel drugs. While the stakes, stakeholders, and methods of pharmacoepidemiological research have changed substantially from the regional sulfanilamide disasters of 1938, to the global Thalidomide controversy of 1961, and the Vioxx and Avandia scandals that framed the early 21st century, the field has always had to contend with a background skepticism over what kinds of evidence was needed to truly prove harm or safety, benefit or cost-effectiveness of a given medication against the many uncertain variables of real world data. This plenary session will focus on challenges which the field of pharmacoepidemiology has faced, currently faces, and will continue to face in connecting robust evidence with timely regulatory action in an uncertain world. Attendees will gain insights into the stakes and stakeholders, ethical and evidentiary challenges of a field not yet 100 years old, with an eye towards how evidentiary standards continue to change in the dynamism of the present.

KEYNOTE SPEAKERS
Jeremy Greene, MD, PhD,
Institute of the History of Medicine The Johns Hopkins University

11:30 AM - 1:00 PM
ISPE COMMITTEE MEETINGS
Open to all attendees; lunch available.

Global Development Committee – Room 301
Fellowship and Awards Committee – Room 303

11:30 AM - 1:00 PM
LUNCH – HALL D

11:45 AM - 12:45 PM
SPOTLIGHT POSTER SESSION B – HALL D

1:00 - 2:30 PM
CONCURRENT SESSIONS
SYMPOSIA & WORKSHOPS

**Navigating Around Quicksand:
Mapping the Complexities of Externally
Controlled Trial (ECT) Designs – Room 208AB**

Presenting Author: Michele Jonsson Funk, PhD
Co-Authors: Jennifer L. Lund, PhD, MSPH // Donna Rivera
Gerd Rippin, PhD // Catherine C. Lerro, PhD, MPH
Ann Marie McNeill, PhD, MPH // Jennifer S. Fusco

**Developing Computable Phenotypes for
Medical Product Safety Surveillance:
Innovative Methods and Data Sources – Room 207AB**

Presenting Author: Sascha Dublin, MD, PhD
Co-Authors: Robert Penfold, PhD // Richeek Pradhan, MD, PhD
Albert Prats-Urbe // Joshua C. Smith, PhD
Patrice Verpillat, MD, MPH, PhD // Rishi Desai, MS, PhD

**How Should We Interpret Self-Controlled Study
Designs in the Era of Causal Inference? – Ballroom AB**

Presenting Author: Kenneth Man
Co-Authors: Siu Chung Andrew Yuen // Cindy Zhou
Sudha Raman // Edward Chia-Cheng Lai, PhD
Ju-Young Shin, PharmD, PhD // Anna Schultze

**Real World Evidence Generation in Low and
Middle Income Countries for Vaccines – Room 204ABC**

Presenting Author: Karin de Haart, MSc
Co-Authors: Carly Rodriguez, PhD, MPH
Suzanna Carter Francis, PhD MSc MPH

**Advances in Medical Device RWE Use for
Label Expansions and National Coverage
Decisions – Room 206**

Presenting Author: Paul Coplan, ScD
Co-Authors: Daniel Canos, PhD // Usha Kreaden
Shumin Zhang, MD ScD // Lindsay Bockstedt, PhD
Mary E. Ritchey, PhD, FISPE // Lisa Weiss, PhD, MPH

**Introduction to R Shiny for
Pharmacoepidemiologists: Interactive Visualization
in Real-World Evidence Studies – Room 201**

Presenting Author: Máté Szilcz
Co-Authors: Yuchen Guo // Jyotirmoy Sarker

**Precision Medicine and Pharmacoepidemiology
Synergistic Approaches to Real-World
Evidence – Room 202AB**

Presenting Author: Stanley A. Edlavitch, PhD, MA
Co-Authors: Gillian Bartlett, PhD
Bruce C. Carleton, PharmD, FCP, FISPE
Anke-Hilse Maitland-van der Zee, PharmD, PhD

2:50 - 4:00 PM
AGM & AWARDS CEREMONY – BALLROOM AB

4:15 - 5:45 PM
CONCURRENT SESSIONS
ORAL PRESENTATION

**A Cohort is a Cohort:
Utility for Pharmacovigilance – Room 207AB**
Co-Moderators:
Rachel E. Sobel // Elaine H. Morrato, DrPH FISPE

4:15 PM
**Clarifying Contradictions: Transportability Using
Doubly Debiased Machine Learning in 17P Trials and
Preterm Birth Outcomes**
Presenting Author: Arti Virkud
Co-Authors: Ellen Caniglia // Eric Tchetgen Tchetgen
Enrique Schisterman // Sunni Mumford // Stefanie Hinkle
Beth Pineles // Lisa Levine // Alan Peaceman // Steve Cole

4:30 PM
**Clozapine Use and Risk of Infections in Schizophrenia:
A Population-Based Cohort Study**
Presenting Author: Yuqi Hu
Co-Authors: Qi Sun // Wenlong Liu // Wenxin Tian, MPH
Lingyue Zhou // Song Song // Boyan Liu // Cuiling Wei, MPH
Le Gao // Yi Chai

4:45 PM
**Incidence of Gynecologic Cancers Following
Prolactin-Increasing Antipsychotic Use:
A Territory-Wide Retrospective Cohort Study**
Presenting Author: Wenxin Tian, MPH
Co-Authors: Yuqi Hu // Cuiling Wei, MPH // Qi Sun
Song Song // Lingyue Zhou // Rachel Yui Ki Chu
Wenlong Liu // Boyan Liu // Francisco Tsz Tsun Lai, PhD

MAIN CONFERENCE
Program Schedule

5:00 PM
DARWIN EU® – Incidence of Erectile Dysfunction, Insomnia, and Hypertension in Incident Migraine and by Prophylactic Treatment Initiation, Including CGRP Antagonists
Presenting Author: Julieta Politi, MD PhD MPH
Co-Authors: Ger Inberg // Tuomo Niemen // Tiina Wahlfors
James Brash, PhD // Isabella Kaczmarczyk
Dina Vojinovic // Jakov Vuković, MD
Gabriel Sanfélix-Gimeno, PharmD, PhD
Francisco Sanchez-Saez // Talita Duarte Salles
Katia Verhamme, MD, PhD

5:15 PM
Post-marketing Safety Surveillance of Cardiovascular Risk Among Individuals Using Mavacamten for Treatment of Obstructive Hypertrophic Cardiomyopathy: A Retrospective Cohort Study
Presenting Author: Sophie Shen
Co-Authors: Swetha Ramanathan // Jenny Jiang
Francine Chingcuanco // Omar Mansour
Tamara Lesperance, MPH // G. Caleb Alexander, MD, MS

5:30 PM
Use of Semaglutide and Risk of Non-Arteritic Anterior Ischemic Optic Neuropathy: A Danish–Norwegian Cohort Study
Presenting Author: Anton Pottegård
Co-Authors: Emma Simonsen // Lars Christian Lund
Martin Ernst // Vidar Hjellvik // Laszlo Hegedüs
Steffen Hamann // Øystein Jørstad
Hanne Gulseth // Øystein Karlstad

Can Cancer Treatment be Safer?
Room 204ABC
Co-Moderators:
Catherine Rogers Murray // Laure Carcaillon-Bentata

4:15 PM
Pregnancy, Lactation, and Fertility Safety Data of FDA-Approved Oncology Therapies: A Systematic Review of Labeling Information
Presenting Author: Xin Ye M. Liu
Co-Authors: Jie Yang, PhD // Ariel Freedman
Krista Huybrechts // Sonia Hernández-Díaz
Yanmin Zhu, MS, PhD

4:30 PM
Analgesic Use and Risk of Renal Cell Carcinoma: Prospective Analysis in the Health Professionals Follow-Up Study
Presenting Author: Minji Jung
Co-Authors: Jinhui Li // Marvin E. Langston
Benjamin I. Chung // Mark A. Preston // Rebecca E. Graff

4:45 PM
Leveraging Genetic Evidence to Predict Clinical Trial Success: A Novel Approach to Enhancing Patient Outcomes
Presenting Author: Jiaxuan Yang
Co-Authors: Xinyang Jiang // Xiangyun Mao // Guanqiao Li

5:00 PM
Empirical Comparison of Exposure Definitions Using Real-World Data in Oncological Trial Emulations with Combination Regimens: Emulation of the CheckMate649 Trial
Presenting Author: Janick Weberpals, RPh, PhD
Co-Authors: Rebecca Song // Jessica Shami
Alex Grigorenko // Sara E. Dempster

5:15 PM
Risk of Respiratory and Cardiovascular Adverse Events Associated with Gabapentinoid Use Among Female Breast Cancer Survivors in the United States: A New-User, Active Comparator Cohort Study
Presenting Author: Jyun-Heng Lai, BPharm, MS
Co-Authors: Anton Avanceña, PhD
Jamie Barner, PhD, FAACP, FAPhA
Chanhyun Park, PhD., MPharm, MEd, RPh
Kirk Evoy, PharmD, BCACP, BC-ADM, CTTS, FCCP, FTSHP
Jennifer Spencer, PhD

5:30 PM
The Risk of Dementia with Hormone-Modulating Breast Cancer Therapies Used in Older Women: A Target Trial Emulation Study
Presenting Author: Jieni Li, PhD, MPH
Co-Authors: Soumya Chikermane, PhD // Xi Lu, PhD
Rajender Aparasu, PhD

Chronic Drugs for Chronic Illness
Room 206
Co-Moderators:
Susan dosReis, PhD // Mengyuan Fu, PhD

4:15 PM
Trends in Postpartum Depression Diagnosis and Antidepressant Prescriptions Before and During the COVID-19 Pandemic in Korea: An Interrupted Time Series Analysis
Presenting Author: Haerin Cho
Co-Authors: Hee-Jin Kim // Hui-Eon Lee // Jeong Ah Kim
Nam-Kyong Choi

4:30 PM
Real-World Treatment Trajectories Up to GLP-1 Receptor Agonist Initiation Among Adults with Type 2 Diabetes Treated in U.K. Primary Care
Presenting Author: Franziska S. Ulrich
Co-Authors: Andrea M Burden, PhD

4:45 PM
Impact of Roxadustat Approval on Anemia Treatment Patterns in Chinese Patients with Chronic Kidney Disease
Presenting Author: Yinchu Cheng
Co-Authors: Na He // Xiaojuan Li, PhD, MSPH // Wen Tang
Weilong Shi // Shanshan Wang // Shuangqing Gao
Rongsheng Zhao // Siyan Zhan, PhD, MD

5:00 PM
Trends in First-Line Monotherapy and Combination Therapy for Hypertension in U.K. Primary Care
Presenting Author: Kyle Johnson, MSc
Co-Authors: Sarah Beradid, MSc // James M. Brophy, MD, PhD
Janie Coulombe // Robert W. Platt, PhD
Christel Renoux, MD, PhD

5:15 PM
Impact of Cardiovascular Drug Shortages on Chronic Disease Patient Care in France Between 2014 and 2019
Presenting Author: Hugo Marthinet
Co-Authors: Aurélie Moskal, PhD // Aubane L'Hospital
Annaëlle Testud // Serge Bakchine, MD, PhD
Marc Chanélière, MD, PhD // Annie-Pierre Jonville-Bera, MD, PhD
Sabine Mainbourg, MD, PhD // Teddy Novais, PharmD, PhD
Cécile Payet, PhD // Marie Viprey, PharmD, PhD

5:30 PM
Evolution of Drug Initiation Patterns and Clinical Characteristics of New Users of Dapagliflozin in the United States Up to 10 Years After Approval to Treat Type 2 Diabetes
Presenting Author: Heather E. Danysh, PhD, MHS
Co-Authors: Anam M. Khan, PhD // Kimberly Daniels, PhD, MS
Alicia Gilsenan, PhD, FISPE // Daniel C. Beachler, PhD, MHS
Jennifer Bartsch, MStat // Tracey Quimbo
Diana Garbinsky, MS // Brian Calingaert, MS
Wusiman Aibibula // Lia Gutierrez, BScN, MPH

High-Value Outcomes – Room 208AB
Co-Moderators:
Kimberly G. Brodovicz, DrPH // Benjamin Bates, MD

4:15 PM
Cost-Effectiveness Analysis of Novel Oral Anticoagulant and Vitamin K Antagonist for the Anticoagulant Treatment of Chinese Patients with Postoperative Atrial Fibrillation: A Comparative Study Using Real-World Data
Presenting Author: Fan Yang
Co-Authors: Dongchuan Liao // Yue Xiao // Keye Fan
Xintian Wang // Fan Yang

4:30 PM
Validation of a Machine Learning Approach to Estimate Bath Ankylosing Spondylitis Disease Activity Index Scores for Ankylosing Spondylitis
Presenting Author: Michelle B. Leavy, MPH
Co-Authors: Jigar Bandaria, PhD // Costas Boussios, PhD

4:45 PM
extRpolateS: A Shiny-Based Interactive Platform for Time-to-Event Data Modeling in Health Technology Assessments
Presenting Author: Máté Szilcz
Co-Authors: Parissa Naghipour // Mark Clements

5:00 PM
Development of a Rule-based Definition of Clinically Ready for Discharge Status in Hospitalized Patients with Complicated Urinary Tract Infection Treated with Intravenous Carbapenems
Presenting Author: Rose Chang
Co-Authors: Serena P. Koenig // Jeffrey J. Ellis // Douglas Boettner
Lindsey Parker // Louise Yu // Emily Reichert
Joanne Chukwueke // Zheyi Cao // Yichuan Grace Hsieh
Christopher Herrick // Mei Sheng Duh // Shawn Murphy

5:15 PM
Patient-Reported Outcomes Among Patients with Triple-Class Refractory Multiple Myeloma in Real-World Clinical Practice: A Prospective, Multi-Site Observational Study – Interim Results
Presenting Author: Priyanka Bobbili
Co-Authors: Charis Charalampous // Shaji Kumar
Ricardo Parrondo // Saurabh Chhabra // Madhu Nagaraj
Mei Sheng Duh // Aolin Wang // Jingyi Chen // Manasi Mohan
Patrick Hlavacek // Rickard Sandin // David Hughes
Guido Nador // Marco DiBonaventura

5:30 PM
Cost-Effectiveness Analysis of Olaparib and Niraparib with Abiraterone and Prednisolone Versus Abiraterone and Prednisolone for BRCA-Mutated Metastatic Castration-Resistant Prostate Cancer in Taiwan
Presenting Author: Pei-Lien Lin, MS
Co-Authors: Ming-Neng Shiu, PhD, MD
Shih-Tsung Huang, PharmD, PhD

MAIN CONFERENCE

Program Schedule

Monumental Evidence:
Foundations for Benefit/Risk Decision-Making

Room 202AB

Co-Moderators:
Christine Poulos, PhD // Dustin K. Miracle, PharmD, MS

4:15 PM
Severe Infections Risk Assessment Score for Patients with Rheumatoid Arthritis Receiving Targeted Therapies: Development and Validation in a Nationwide Cohort

Presenting Author: Mounya Abboud
Co-Authors: Emilie Sbidian, PhD, MD
Mahmoud Zureik, PhD, MD

4:30 PM
Trends in Type 1 Diabetes Mellitus Onset Among Youth Aged 0 to 20 in Korea Before and After COVID-19: A Nationwide Health Insurance Claims Data Analysis, 2003-2022

Presenting Author: Nakyung Jeon
Co-Authors: Won-Jung Jung // Minjune Yang

4:45 PM
Real-World Data included in Post-Authorization Measures: A Case Study of Approved Advanced Therapy Medicinal Products in the European Union Between 2013 and 2024

Presenting Author: Diogo Almeida
Co-Authors: Bruno Sepodes // Carla Torre

5:00 PM
Bigger is Better: Replicating a Signal Detection Study Using Tree-Based Scan Statistics in Two Real-World Data Sources

Presenting Author: Ashley V. Howell, MPH, PhD
Co-Authors: Alexander Breskin // Julius Asubonteng
Ping Shao, MS // Shiyao Gao
Ihtisham Sultan, PhD, PharmD // Rachel E. Sobel

5:15 PM
A Data Mining Application Tool to Detect Safety Signals of Sodium Glucose Cotransporter 2 Inhibitors in Patients with Type 2 Diabetes and Chronic Kidney Disease

Presenting Author: Janinne Ortega-Montiel, MD, ScD
Co-Authors: Elisabetta Patorno, MD, DrPH // Wajd Alkabbani, PhD
Georg Hahn, PhD // Caroline Alix, MPH
Deborah J. Wexler, MD, MSc // Julie M. Paik, MD, ScD

5:30 PM
Patient Experience Data in Regulatory Decision-Making: An Analysis of Non-Interventional Studies Supporting Marketing Authorization Applications Submitted to the European Medicines Agency in 2018-2019

Presenting Author: Diogo Almeida
Co-Authors: Denise Umuhire // Carla Jonker // Kelly Plueschke
Rosa Gonzalez-Quevedo // Bruno Sepodes // Carla Torre

Pediatrics: Growth and Development,
the Brain and the Body

Room 201

Co-Moderators:
Jenny Sun, PhD // Greta Bushnell

4:15 PM
Sociodemographic and Birth Characteristics Associated with Initiation of Recombinant Growth Hormone Treatment in Children: A Nationwide Study from 2010 to 2023

Presenting Author: Sophie Billioti de Gage
Co-Authors: Mahmoud Zureik, PhD, MD // Jean-Claude Carel
Alain Weill, PhD, MD

4:30 PM
Screening for Pediatric Safety Alerts Following Antipsychotic Treatment Initiation Using a Tree-Based Scan Statistics Approach

Presenting Author: Loreen Straub
Co-Authors: Shirley V. Wang // Kelly Fung // Helen Mogun
Massimiliano Russo, PhD, MS // Georg Hahn, PhD
Krista Huybrechts

4:45 PM
National Trends in Psychotropic Medication Use, Psychotropic Polypharmacy, and Potential Drug-Drug Interactions Among U.S. Children, Adolescents, and Young Adults

Presenting Author: Lin-Chieh Meng
Co-Authors: Charles E. Leonard, PharmD, MSCE, FISPE
Molly Candon // David Mandell // Sean Hennessy, PharmD, PhD

5:00 PM
Clinically Recognized Congenital Cytomegalovirus Infection and the Risk of Neurodevelopmental Disorders

Presenting Author: Ahhyung Choi
Co-Authors: Timothy Savage, MD, MPH, MSc // Krista Huybrechts
Sonia Hernández-Díaz // Brian Bateman // Loreen Straub
Raisa Levin // Yanmin Zhu, MS, PhD

5:15 PM
Long-Term Benzodiazepine Treatment Among Adolescents and Young Adults in the United States, 2017-2022

Presenting Author: Zhuoyue Gou
Co-Authors: Mark Olfson, MD, MPH // Chintan Dave
Hillary Samples // Tiansheng Wang, PharmD, PhD
Greta Bushnell

5:30 PM
Antiemetic Use During Pregnancy and Child Neurodevelopmental Disorders: A Nationwide Birth Cohort Study

Presenting Author: Yongtai Cho
Co-Authors: Eun-Young Choi // Jung Yeol Han // Hoon Kim
Young June Choe // Ju-Young Shin, PharmD, PhD

MAIN CONFERENCE

Program Schedule

P.S...Are You Still There?

Room 201

Co-Moderators:
John Tazare // Edward Chia-Cheng Lai, PhD

4:15 PM
The Value of the Pattern of Change in ATT and ATU After Trimming When Interpreting Trimmed Estimates: An Example Comparing New Users of SSRIs and SNRIs

Presenting Author: Michael Webster-Clark
Co-Authors: Gwen Aubrac, MscPH // Robert W. Platt, PhD
Robert Glynn // Til Stürmer, MD, PhD

4:30 PM
Application of the High-Dimensional Propensity Score on Medico Administrative Databases: An Example in Assessing Comparative Mortality in COPD Patients on Triple Therapy

Presenting Author: Fanny Raguideau, PharmD
Co-Authors: Arnaud Panes // Japheth Baloumba-Nzamba
Cécile Gineste // Baptiste Pitel // Nada Assi

4:45 PM
Comparison of Propensity Score Matching Vs. Inverse Probability Treatment Weighting: A Simulation Study in the CorEvitas Psoriasis Registry

Presenting Author: Sarah Mansfield, MS
Co-Authors: Michael Singleton, PhD // Melissa Moore-Clingenpeel
Leslie Harrold, MD, MPH // Heather Litman

5:00 PM
Temporal High Dimensional Propensity Score (thdPS): A Novel Approach to Improve Confounding Control by Incorporating Temporality to High Dimensional Variables

Presenting Author: Tiansheng Wang, PharmD, PhD
Co-Authors: Virginia Pate // Richie Wyss // Til Stürmer, MD, PhD

5:15 PM
Assessing U-Comparability of Negative Controls Using Proxy Variables for Unmeasured Confounders: A Simulation Study

Presenting Author: Jeong-eun Park
Co-Authors: Susan dosReis, PhD
Wendy Camelo Castillo, MD, MSc, PhD // Xu Shi
Martijn Schuemie, PhD // Fang Tian // Yong Ma
Wei Hua // Zafar Zafari, MS, PhD

5:30 PM
Quantifying Selection Bias Due to Hospital Pressures in Pharmacoepidemiological Studies of COVID-19

Presenting Author: Marleen Bokern
Co-Authors: Christopher T. Rentsch, PhD, FISPE
Anna Schultze // Ian Douglas

6:00 - 7:00 PM

ISPE COMMITTEE MEETINGS

Open to all attendees.

Academic Council – *West Overlook*

Government/Regulatory Council – *Room 201*

Industry/Service Provider Council – *Room 302*

Student Council – *East Overlook*

7:30 - 11:00 PM

SOCIAL – NATIONAL PORTRAIT GALLERY

Join us for an unforgettable evening at the 2025 ISPE Annual Meeting Social — hosted inside the iconic National Portrait Gallery. Surrounded by inspiring art and history, enjoy a live band, light bites, drinks, and dessert as you connect with colleagues and friends.

Your Annual Meeting registration includes access to the Social event and two drink tickets. Additional drink tickets will be available for purchase at the event.

Regulatory real-world evidence

expertise to help reduce the uncertainty
of risks to patients.

Stop by our booth to find out how our long-standing research collaborations with over 20 research partners across Europe and North America and our extensive experience makes us a partner you can trust. We can guide you to the right evidence to help you answer your pharmacoepidemiology, risk management, benefit-risk, and real-world evidence questions.

FIND US AT:
booth #407

LEARN MORE:
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The power of **knowledge**
The value of **understanding**

MAIN CONFERENCE Program Schedule

TUE

T U E S D A Y , A U G U S T 2 6

7:00 AM - 4:30 PM

REGISTRATION – *HALL D*

7:00 AM - 3:30 PM

SPEAKER READY ROOM – *ROOM 304*

Only required if you need to upload your presentation, or update/replace an already-uploaded presentation. Please complete uploads 24-hours in advance of your session.

7:00 - 8:00 AM

COFFEE WITH EXHIBITORS – *HALL D*

7:00 - 8:00 AM

POSTER SESSION C SET-UP – *HALL D*

7:15 - 8:15 AM

2026 SCIENTIFIC PROGRAM COMMITTEE
ROOM 301

8:00 AM - 1:30 PM

POSTERS & EXHIBITS – *HALL D*

8:30 - 10:00 AM

CONCURRENT SESSIONS:

ORAL PRESENTATIONS

Addicted to Pharmacoepidemiology – *Room 208AB*

Co-Moderators:

Susana Perez-Gutthann, MD, PhD, FISPE, FRCP
Djeneba Audrey Djibo, PhD

8:30 AM

Impact of Pre-Existing Cardiovascular Disease on Medical Cannabis Prescribing Patterns Among Florida Medicaid Beneficiaries

Presenting Author: Fatemeh Mehrabi, PharmD
Co-Authors: Sebastian Jugl // Amie Goodin, PhD
Earl Morris, PharmD, MPH, PhD

8:45 AM

Prevalence of Prescription Pain Medication Use in the U.S. Population and Individuals with Chronic Pain Conditions

Presenting Author: Nazleen Khan, PhD, SM
Co-Authors: Tammy Jiang // Tongtong Wang
Seongjung Joo // Aristide Merola

9:00 AM

Trends in Methadone Prescribing for Opioid Use Disorder between 2015 to 2023: A Population-Based Analysis

Presenting Author: Ria Garg
Co-Authors: Jin Luo // Nikki Bozinoff // Beth Sproule
Tony Antoniou // Jennifer Wyman // Tara Gomes

9:15 AM

Changes in Gabapentin Prescription Fills Among Medicaid Enrollees Following State-Level Schedule V Controlled Substance Classification

Presenting Author: Katherine Gora Combs, MPH
Co-Authors: Stephen Marshall, PhD // Rachel Vickers-Smith, PhD
Alan Kinlaw, PhD // Nabarun Dasgupta, PhD, MPH
Juan M. Hincapie-Castillo, PharmD, PhD

9:30 AM

Assessing the Impact of Florida's Opioid Prescribing Restriction Law on Over-the-Counter Analgesic Sales: Single and Controlled Interrupted Time Series Analyses

Presenting Author: Enyao Zhang
Co-Authors: Arrianna M. Planey // Amie Goodin, PhD
Juan M. Hincapie-Castillo, PharmD, PhD

9:45 AM

DARWIN EU® – Antipsychotic Prescribing in the General Population In Europe: A Descriptive Analysis of Trends and Patient Characteristics

Presenting Author: Wanning Wang
Co-Authors: Mike Du // Edward Burn // Talita Duarte Salles
Anna Palomar-Cros, PhD // Agustina Giuliodori, PhD
Katia Verhamme, MD, PhD // Dina Vojinovic
Gargi Jadhav // Elvira Bräuner // Antea Jezidžić
Emanuel Brađašević // Daniel Prieto-Alhambra
Marta Pineda-Moncusi

MAIN CONFERENCE
Program Schedule

Clone Wars – *Ballroom AB*

Co-Moderators: John W. Jackson, ScD
Kaleen N. Hayes, PharmD, PhD

8:30 AM

Comparing the Use of Sequential Versus Non-Sequential Target Trial Emulation in Estimating the Effect of Sodium Phenylbutyrate and Taurusodiol on Mortality in Individuals with Amyotrophic Lateral Sclerosis

Presenting Author: Kenneth A. Taylor, DPT, PhD
Co-Authors: Queeny Ip // Yuqin Wei // Ting-Ying Huang
Ahmed Noman

8:45 AM

Pre-Specified Subgroup Analysis with Inverse-Probability of Censoring Weighting: When Theory and Practice Collide

Presenting Author: Nuvan Rathnayaka

9:00 AM

Comparing Clone-Censoring Weighting and Sequential Trial Emulation in Estimating the Effect of Statins on Major Adverse Cardiovascular Events in Patients with Diabetes Mellitus

Presenting Author: Peter Pin-Sung Liu, PhD
Co-Authors: Daniel Hsiang-Te Tsai
Avery Shuei-He Yang, MCLinPharm // Edward Chia-Cheng Lai, PhD

9:15 AM

To Clone or Not to Clone? Baseline Incompatibility with Regimens When Cloning, Censoring, and Weighting

Presenting Author: Michael Webster-Clark
Co-Authors: Gwen Aubrac, MscPH // Robert W. Platt, PhD
Alexander Breskin

9:30 AM

The Dangers of Stabilizing Censoring Weights

Presenting Author: Michael Webster-Clark
Co-Authors: Gwen Aubrac, MscPH // Alexander Breskin
Robert W. Platt, PhD

9:45 AM

Comparing Intention-to-Treat and As-Treated Analyses with Informative Censoring Bias Adjustment in Observational Data

Presenting Author: Gwen Aubrac, MscPH
Co-Authors: Robert W. Platt, PhD // Michael Webster-Clark

Covid-19 Vaccine Safety: Science, Facts, and Public Health – *Room 204ABC*

Co-Moderators: Sherin Ismail, PharmD, MPH // John Seeger

8:30 AM

Monitoring the Safety of mRNA-1273 COVID-19 Vaccine in the General Population: Results of a Regulator-Mandated Post-Authorisation Safety Study in Denmark, Norway, Spain, and the United Kingdom (EUPAS44273)

Presenting Author: Signe Sørup, PhD
Co-Authors: Thomas B. Rasmussen // Catherine Fry
Felipe Villalobos // Mahmoud Zidan // Marcel van Willigen, PhD
Denise Morris // Angela Lupattelli // Carlo Alberto Bissacco
Lei Wang // Astrid Alsema, PhD // Samantha Lane
Anteneh Desalegn // Debabrata Roy // Marc Far
Daina B. Esposito, MPH, PhD // Samantha St Laurent
Lei Zhu // Veronica Urdaneta
Magalie Emilebacker, PharmD, CCRP // Henrik Toft Sørensen
Vera Ehrenstein, MPH, DSc

8:45 AM

Quantitative Bias Analysis to Assess Impact of Outcome Misclassification in a Claims-Based COVID-19 Vaccine Safety Study in the U.S.

Presenting Author: Sophie E. Mayer, PhD
Co-Authors: J. Bradley Layton, PhD, FISPE // Nicolas Praet
Kevin Haynes, PharmD, MSCE // Sarah Alam
Elizabeth J. Bell, PhD, MPH // Jeffrey S. Brown, PhD
Kevin Coughlin, MA // Kimberly Daniels, PhD, MS
Katherine Dea, MSc // Andrea DeVries, PhD
Brandon Diessner, PhD, MPH // Djeneba Audrey Djibo, PhD
Casie Horgan, MPH // Shelly-Ann M. Love, PhD, MS
Qianli Ma // Cheryl N. McMahonill-Walraven, MSW, PhD
Erick Moyneur, MA // Richard Platt, MD, MSc
Juliane S. Reynolds, MPH // Mano Selvan, PhD // Emily Yost
Yongming Zhao, PhD // Najat J. Ziyadeh
Candace C. Fuller, MPH, PhD // Alicia Gilsenan, PhD, FISPE

9:00 AM

Evaluating the Safety Profile of the Janssen COVID-19 Vaccine (JCOVDEN): A VAC4EU Post-Authorization Safety Study

Presenting Author: Thom Lysen
Co-Authors: Fariba Ahmadizar, PharmD, PhD // Albert Cid Royo
Oisin Ryan // Estel Plana, MSc // Judit Riera Arnau, MD
Amirreza Dehgahn Tarazjani // Sima Mohammadi, MD
Raquel Garcia-Esteban // Romin Pajouheshnia
Katica Boric, PhD, MSc // Elena Palà, PhD // Anna Brutau, PhD
Margaret Haugh // Juan José Carreras Martínez
Arantxa Urchueguía // Elisa Correcher Martínez
María Herrero-Silvestre // Jetty Overbeek // Jordy Gaspersz
Felipe Villalobos // Carlo Alberto Bissacco
Corinne Williams, PhD // Nicolas Praet
Miriam C.J. Sturkenboom // Joan Fortuny, MD PhD

9:15 AM

An Observational Postauthorization Safety Study to Assess Adverse Events of Special Interest in Recipients of Ad26.COV2.S in the United States

Presenting Author: J. Bradley Layton, PhD, FISPE
Co-Authors: Sophie E. Mayer, PhD // Nicolas Praet
Kevin Haynes, PharmD, MSCE // Sarah Alam
Jeffrey S. Brown, PhD // Brian Calingaert, MS
Kimberly Daniels, PhD, MS // Katherine Dea, MSc
Andrea DeVries, PhD // Brandon Diessner, PhD, MPH
Djeneba Audrey Djibo, PhD // J. Christian Hague, MPH
Casie Horgan, MPH // Caroline Hugh, MPH
Catherine B. Johannes, PhD // Jenice S. Ko, MPH
Shelly-Ann M. Love, PhD, MS // Qianli Ma
Cheryl N. McMahonill-Walraven, MSW, PhD // Erick Moyneur, MA
Richard Platt, MD, MSc // Mano Selvan, PhD // Xi Wang, PhD
Emily Yost // Najat J. Ziyadeh // Candace C. Fuller, MPH, PhD
Alicia Gilsenan, PhD, FISPE

9:30 AM

Two-Year Prognosis of mRNA Vaccine-Related Myocarditis and Multimorbidity Incidence Compared with Historical Conventional Myocarditis: A Population-Based Cohort Study

Presenting Author: Song Song
Co-Authors: Wenlong Liu // Yuqi Hu // Qi Sun // Wenxin Tian, MPH
Cuiling Wei, MPH // Lingyue Zhou // Boyan Liu
Rachel Yui Ki Chu // David Shu Cheong Hui
Samuel Yeung Shan Wong // Patrick Ip // Chak Sing Lau
Ivan Fan Ngai Hung // Ian Chi Kei Wong
Francisco Tsz Tsun Lai, PhD

9:45 AM

Incidence Rates of Myocarditis/Pericarditis After Pfizer-BioNTech COVID-19 Vaccine in the United States: Interim Results From a Postapproval Safety Study, Primary Series Analysis

Presenting Author: Candace C. Fuller, MPH, PhD
Co-Authors: Alison Kawai, ScD // Rebecca Hawrusik, MS
Nana Koram, PhD, MPH // Anna A. Agan, MPH
Ramya Avula, MS // Jeffrey S. Brown, PhD // Jillian Burk, MPH
Brian Calingaert, MS // Andrea K. Chomistek // John G. Connolly
Kimberly Daniels, PhD, MS // Katherine Dea, MSc
Terese A. DeFor, MS // Andrea DeVries, PhD
Brandon Diessner, PhD, MPH // Djeneba Audrey Djibo, PhD
Stephen M. Ezzy, MS // Catherine B. Johannes, PhD
Bing Cai // J. Bradley Layton, PhD, FISPE
Shelly-Ann M. Love, PhD, MS // Sophie E. Mayer, PhD
Qianli Ma // Erick Moyneur, MA // Margaret B. Nolan, MD, MS
Sapna Rao, PhD // Juliane S. Reynolds, MPH
Mano Selvan, PhD // Vaibhav Sharma
Cheryl N. McMahonill-Walraven, MSW, PhD
Joy Vetter, MA, MPH // Najat J. Ziyadeh
Alicia Gilsenan, PhD, FISPE // Richard Platt, MD, MSc

Disproportionality Proportionate: Pharmacovigilance Methods – *Room 206*

Co-Moderators: Amir Sarayani, PharmD, MPH, PhD
Tien Tran, PharmD, MPH

8:30 AM

Post-Marketing Safety Analysis of Timolol in Real-World Settings Using Bioinformatics and Disproportionality Analysis with FDA Adverse Event Reporting System (FAERS) Data

Presenting Author: Shravanth R. M., M Pharm
Co-Authors: Abdul Mannan Faruk Ahmed, M Pharm
Eswaran Maheswari // Rakshitha N., M Pharm

8:45 AM

Assessing a Signal of Congenital Anomalies Following Dydrogesterone Exposure in Pregnancy: Results From a Disproportionality Analysis (DPA) and Systematic Review

Presenting Author: Sandeep Dhanda
Co-Authors: Amy Bobbins, MPharm, Msc // Taylor Aurelius
Alison Yeomans // Debabrata Roy // Miranda Davies

9:00 AM

Charting the Pitfalls of Disproportionality Analysis

Presenting Author: Michele Fusaroli
Co-Authors: Daniele Sartori // Judith Brand // G. Niklas Norén

9:15 AM

Amalgamation of Real-World Data, Bioinformatics Analysis and Computational Biology Techniques for Unveiling the Mechanism of the Signal Detected for Rucaparib Via Disproportionality Analysis

Presenting Author: Anshaj Sharma
Co-Authors: Pramod Kumar Adusumilli, MPharm, PhD
G.R. Saraswathy, PhD // Gouri Nair, PhD

9:30 AM

Assessing the Appropriateness of Using EB05 for Signal Detection in a Company's Spontaneous Pharmacovigilance Database with Low Case Volume in a Therapeutic Area

Presenting Author: Ngoc Thai, PhD
Co-Authors: Jinma Ren, MD, PhD // Ulf Stellmacher, MD
Tzuyung Douglas Kou, PhD, MPH, MA

9:45 AM

Automated Causality Assessments of Individual Case Safety Reports

Presenting Author: Greg Powell
Co-Authors: Olivia Mahaux // Vijay Kara // Francois Haguinet
Debra Rogan // Darmendra Ramcharran, PhD, MPH
Andrew Bate

MAIN CONFERENCE

Program Schedule

The Safety Dance: Drugs for Obesity and Metabolic Disorders – Room 202AB

Co-Moderators: Elisabetta Patorno, MD, DrPH
Rishi Desai, MS, PhD

8:30 AM

Safety and Effectiveness of GLP-1 Receptor Agonists Among Insulin-Treated Persons with Type 1 Diabetes

Presenting Author: Yunwen Xu
Co-Authors: Michael Fang // Alexander Chang
Justin Echouffo Tcheguigui // Elizabeth Selvin
Morgan Grams // Jung-Im Shin

8:45 AM

Risk of Diabetes in People Living with HIV Associated with Remaining on a TDF-containing Antiretroviral Regimen or Switching to a TAF-containing Regimen or Another Regimen Without Tenofovir

Presenting Author: Randall L. Kuffel, ScM
Co-Authors: Lianeris M. Estremera-Rodriguez, MS, JD
Y. Joseph Hwang, MD, MSc // Jason Haw
Jeanne Keruly // Lauren Zalla // LaQuita Snow
Joyce Jones, MD, MS // Richard D. Moore, MD
Anthony Fojo // Catherine Lesko, PhD, MPH

9:00 AM

GLP-1 Receptor Agonists and the Risk of Suicidality Among Patients with Type 2 Diabetes

Presenting Author: Samantha Shapiro, MSc
Co-Authors: Hui Yin // Oriana Hoi Yun Yu, MD, MSc
Soham Rej // Samy Suissa, PhD // Laurent Azoulay, PhD

9:15 AM

Comparative Safety of Glucagon-Like Peptide 1 Receptor Agonists (GLP-1-RAs) in Chronic Weight Management Patients Without Diabetes: A Real-World Data Study

Presenting Author: Sarah R. Hoffman
Co-Authors: Stephan Lanes // Tracey Quimbo // Anahit Papazian
Jeff White // Vicki Fisher // Mark Cziraky
Matthew Crowley // Vincent Willey

9:30 AM

Acute eGFR Dip with SGLT2 Inhibitors Vs. Other Antihyperglycemic Medications Among People with HIV

Presenting Author: Lara Haidar
Co-Authors: Robin M. Nance // L.Sarah Mixson // Bridget Whitney
Carolyn Fahey // Stephanie A. Ruderman // Laila Aboulatta
Greer Burkholder // Richard D. Moore, MD // Robert Kalayjian
Laura Bamford // Katerina Christopoulos
Alexander Commanday // April Pettit // Joseph A. C. Delaney
Heidi M. Crane // Sherif Eltonsy

9:45 AM

Comparative Gastrointestinal Safety of Dulaglutide, Semaglutide, and Tirzepatide in patients with Type 2 Diabetes

Presenting Author: Salvatore Crisafulli
Co-Authors: Wajd Alkabbani, PhD // Julie M. Paik, MD, ScD
Katsiaryna Bykov, PharmD, ScD // Ali Tavakkoli
Robert Glynn // Elaine Yu // Gianluca Trifirò
Deborah J. Wexler, MD, MSc // Elisabetta Patorno, MD, DrPH

Use and Safety of Biologics – Room 207AB

Co-Moderators: Jessica J. Jalbert // Sruthi Adimadhyam, PhD, MS

8:30 AM

The Association Between Immune-Modulating Advanced Treatments and Endometriosis Outcomes in a Large U.S. Database

Presenting Author: Milena Gianfrancesco
Co-Authors: Emily Riseberg // Madhav K.C. // Xinli Hu
Ken Dower // Adina Lemeshow

8:45 AM

U.S. Food and Drug Administration Approval of Biologic Use in Children and Adolescents, 1965-2023

Presenting Author: Ning Lyu, MS, PhD
Co-Authors: Sebastian Schneeweiss, MD, ScD
Florence Bourgeois, MD, MPH // Timothy Savage, MD, MPH, MSc

9:00 AM

Uptake of Oncology-Related Biosimilars: A Global Analysis of Usage Data

Presenting Author: Martin Ho, PharmD
Co-Authors: Shanzeh Chaudhry // Jennifer Chai, PharmD
Carlo DeAngelis, PharmD // Kelvin Chan, MD, FRCPC, MSc, PhD
Mina Tadrous, PhD

9:15 AM

Treatment Sequencing and Line of Therapy for Biologics and JAK inhibitors in Rheumatoid Arthritis Patients: Implications for Design and Uptake of New Drugs and Diagnostics

Presenting Author: Jeffrey R. Curtis
Co-Authors: Shanette R. Daigle // Emily Holladay, MPH
Yujie R. Su // Michael George // Gordon Lam
Robert W. Levin, MD // Priya Reddy
Fenglong Xie // Amy S. Mudano

9:30 AM

Effectiveness of Sarilumab vs. Methotrexate as a Glucocorticoid-Sparing Agent in Patients with Polymyalgia Rheumatica

Presenting Author: Jeffrey R. Curtis
Co-Authors: Fenglong Xie // Christian Dejaco // Kerri Ford
Shanette R. Daigle // Sebastian E. Sattui

9:45 AM

Randomized Clinical Trial Replication and Second-Stage Study to Evaluate the Risk of Serious Infections in Biological Drug Users with Psoriatic Arthritis/Psoriasis Using the Italian VALORE Distributed Database Network

Presenting Author: Andrea Spini
Co-Authors: Luca L'Abbate // Massimo Carollo
Ylenia Ingrassiotta // Federica Soardo // Chiara Bellitto
Giorgia Pellegrini // Olivia Leoni // Martina Zanforlini
Domenica Ancona // Paolo Stella // Anna Cavazzana
Angela Scapin // Sara Lopes // Valeria Belleudi
Stefano Ledda // Paolo Carta // Paola Rossi // Lucian Ejlli
Ester Sapigni // Aurora Puccini // Rita Francesca Scarpelli
Giovambattista De Sarro // Alessandra Allotta
Sebastiano Addario Pollina // Roberto Da cas
Giampaolo Bucaneve // Antea Maria Pia Mangano
Francesco Balducci // Carla Sorrentino // Ilenia Senesi
Marco Tuccori // Rosa Gini, PhD // Ugo Trama
Francesca Futura Bernardi // Flavia MayerStefania Spila Alegiani
Marco Massari // Claudio Guarneri // Paolo Gisondi
Andrea Fontana // Elisabetta Patorno, MD, DrPH
Gianluca Trifirò

What a Mess: the Environment, Health, and Medications – Room 201

Co-Moderators: Ursula Kirchmayer, MPH // Sudha Raman

8:30 AM

The Effect of Hurricanes Matthew and Florence on Rates of Hospitalization or Death Among North Carolina Medicare Beneficiaries Using Electricity Dependent Durable Medical Equipment

Presenting Author: Jennifer L. Lund, PhD, MSPH
Co-Authors: Bradford Jackson // Christopher Baggett
Arrianna M. Planey // Amy Lowman
Paul Delamater // Eman Metwally, MD-PhD, MSCR, MPS
Eboneé Butler // John Wallace // Shabbar Ranapurwala

8:45 AM

Risk Factors Associated with Escherichia Coli Antimicrobial Resistance in the Community: A Geo-Temporal Analysis

Presenting Author: Lisa Pont
Co-Authors: Chloé Corrie Hans Smit // Caitlin Keighley
Kris Rogers // Spiros Miyakis // Katja Taxis
Nick Nicholas // Hamish Robertson

9:00 AM

Interaction of Antihypertensive Drugs and Ambient Temperature on the Risk of Intradialytic Hypotension

Presenting Author: Tzu-Ying Chen, MD
Co-Authors: Miyuki Hsing-Chun Hsieh, PhD // Kuan-Hung Liu
Edward Chia-Cheng Lai, PhD

9:15 AM

Trends in Prescription Fills and Out-of-Pocket Costs of Inhaler Devices by Global Warming Potential in the U.S.

Presenting Author: Dima M. Qato, PharmD, MPH, PhD
Co-Authors: Elkanah Linder, PharmD
Christer Janson // Björn Wettermark

9:30 AM

The Impact of Extreme Heat on Mental Health Utilization and Prescription Use

Presenting Author: Amy Liu
Co-Authors: Jeffrey Romine // Daniel Cullen // Katelyn Tang
Mark Talavera // Arax Nazarian // Hakon Mattson
Nina Schrager // Winnie Chi

9:45 AM

Are Heat-Related Hospitalization Exacerbated by Heat-Sensitizing Medications in Older Adults?

Presenting Author: Ashwaghosha Parthasarathi
Co-Authors: David Robinson // Poonam Gandhi
Aayush Visaria // Melanie Rua // Soko Setoguchi

10:00 - 10:30 AM

COFFEE BREAK – HALL D

Sponsored by Amgen, Inc.

10:30 AM - 12:00 PM

CONCURRENT SESSIONS SYMPOSIA & WORKSHOPS

Harnessing Real-world Evidence to Address Drug Shortages – Room 208AB

Presenting Author: Adel Alrwisan

Environmental Challenges to Supply Chains and Drug Shortages – Room 206

Presenting Author: Soko Setoguchi
Co-Authors: Ursula Kirchmayer, MPH // Maarten Lambert, PhD
Sean Hennessy, PharmD, PhD // Mina Tadrous, PhD
Luciane Cruz Lopes, ScD MSc // Jennifer L. Lund, PhD, MSPH

Why Treatment Strategies are a Sine Qua Non of the Causal Estimand – Ballroom AB

Presenting Author: Xabier García de Albéniz
Co-Authors: Barbra Dickerman // John W. Jackson, ScD
Sonja Swanson // John Seeger

Use of Artificial Intelligence/Machine Learning Methods for Identification of Patients with Rare Diseases in Real-World Data – Room 207AB

Presenting Author: Julien Heidt, MS
Co-Authors: Laura Hester, PhD // Jie Yang, PhD
Christina D. Mack, PhD // Donna Rivera

MAIN CONFERENCE
Program Schedule

Approaches to Time-Zero and Time-Related Bias in External Control Arm Study Design: Methodological Considerations and Applications
Room 204ABC

Presenting Author: Ju Hwan Kim, PharmD, PhD
Co-Authors: Samy Suissa, PhD // Laurent Azoulay, PhD
Kenneth Man // Ju-Young Shin, PharmD, PhD

Seeking the Roadmap: Incorporating Menstruation and Menopause into Pharmacoepidemiology Research – *Room 201*

Presenting Authors: Enriqueta Vallejo-Yagüe, PhD, Pharm
Harriet Dickinson, PhD // Adrian Martinez-De la Torre, PhD
María Martínez-González, PharmD, MPH // Taichi Ochi
Hedvig M.E Nordeng
Co-Authors: Sieta T. de Vries // Marleen M. H. J. van Gelder, PhD

Real-World Evidence Fit for Regulatory Applications — What Does Good Look Like? – *Room 202AB*

Presenting Author: Joshua Gagne, PharmD, ScD, FISPE
Co-Authors: Heather M. Colvin, MPP // Dan Riskin, MD, FACS
Dani Prieto-Alhambra // Marie Bradley, PhD, MPharm, MScPH

12:00 - 1:30 PM
LUNCH – HALL D

12:00 - 1:30 PM
BOARD OF DIRECTORS MEETING & LUNCH
ROOM 209ABC

12:00 - 1:30 PM
ISPE SPECIAL INTEREST GROUP MEETINGS
Open to all attendees.

Cancer – *Room 301*

Environmental Pharmacoepidemiology – *Room 302*

ISPE REGIONAL INTEREST GROUP MEETINGS
Open to all attendees.

Africa – *Room 303*

Gulf Region – *East Overlook*

1:30 PM - 3:00 PM
CONCURRENT SESSIONS:
ORAL PRESENTATIONS

Addicted to Pharmacoepidemiology – *Room 208AB*

Co-Moderators:
Jennifer L. Lund, PhD, MSPH // Darmendra Ramcharran, PhD, MPH

1:30 PM
Follow-on Therapy After Denosumab Discontinuation Among United States Medicare Beneficiaries

Presenting Author: Selvam R. Sendhil
Co-Authors: Suzanne Cadarette // Sulbh Aggarwal
Arman Oganisian // Michael Adegboye // Andrew R. Zullo
Sarah Berry, MD, MPH // Kaleen N. Hayes, PharmD, PhD

1:45 PM
Adverse Drug Events of Opioid Treatment Strategies for Pain After Motor Vehicle Crash

Presenting Author: Steven Balog
Co-Authors: Andrew R. Zullo // Marzan A. Khan // Melissa Pfeiffer
Melissa Reister // Allison E. Curry // Francesca Beaudoin
Arman Oganisian // Brandon D.L. Marshall, PhD // Patience Dow
Beth Dana // Nina Joyce, PhD

2:00 PM
Incident Type II Diabetes Amongst Older Men with Metastatic Castration-Resistant Prostate Cancer Treated with Abiraterone Versus Enzalutamide

Presenting Author: Charles E. Gaber, PhD, MPH
Co-Authors: Kent Hanson, PharmD // Lauren Lee, PharmD
Kibum Kim, PhD, BPharm // Aaron Winn, PhD
Todd A. Lee, PharmD, PhD // Lucia Petito, PhD
Natalie Reizine, MD

2:15 PM
Evaluating the Real-World Effect of CYP2C9-Inhibiting Selective Serotonin Reuptake Inhibitors on the Incidence of Serious Hypoglycemia Among Medicare-Insured Sulfonylurea Users

Presenting Author: Sara Z. Dejene, MSPH
Co-Authors: Virginia Pate // Til Stürmer, MD, PhD
John Buse, MD, PhD // Craig R. Lee, PharmD, PhD
Charles Poole, ScD // Michele Jonsson Funk, PhD

2:30 PM
Application of Signal Detection Theory to Identify the Association between Potentially Inappropriate Medications and Unplanned Hospitalization: A Case-Case-Time-Control Study

Presenting Author: Tsung-Chi Wu
Co-Authors: Yi-Ju Tseng // Liang-Kung Chen // Teng-Chou Chen

2:45 PM
Medication Fall Risk Index (MeFRI): Development and Internal Validation of a New Tool for Assessing Falls Risk Based on Medication Profiles in Residential Aged Care

Presenting Author: Nasir Wabe
Co-Authors: Isabelle meulenbroeks // Rajendra Gyawal
Marea O'Donnell // Johanna Westbrook // Magdalena Raban

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Brigham and Women’s Hospital
Co-Founder
Harvard’s Program On Regulation, Therapeutics, And Law (PORTAL)

Rethinking Medications



JERRY AVORN, MD
Professor of Medicine, Harvard Medical School

MAIN CONFERENCE

Program Schedule

Cracking the Code in Pregnancy Studies – Room 206

Co-Moderators:
Janet R. Hardy, PhD, MSc // Suzanne Landi, MPH, PhD

1:30 PM
Adapting an Electronic Health Record-Based Congenital Malformation Algorithm to Insurance Claims Data Lacking Death Information

Presenting Author: Katelin B. Nickel, MPH
Co-Authors: Sascha Dublin, MD, PhD // Sharon Fuller, BA
Sarah S. Osmundson, MD, MS // Ryan Colvin, MPH
Dustin Stwalley, MA // Sara Procknow, MD, PhD
Elyse O. Kharbanda // Anne M. Butler, PhD, MS

1:45 PM
Designing an Algorithm to Identify Pregnancy Episodes Among Cancer Survivors Using Claims Data

Presenting Author: Yi-Hsin Yang
Co-Authors: Ru-Yu Huang // Kun-Pin Hsieh // Li-Tzong Chen

2:00 PM
Linkage of Electronic Health Record Data Across Two Healthcare Systems for Perinatal Health Research: A Privacy-Preserving Approach

Presenting Author: Gabriela Vazquez Benitez
Co-Authors: Kirsten Ehresmann // Claire Smith
Elisabeth Seburg // Terese A. DeFor, MS
Abbey Sidebottom // Kristin Palmsten

2:15 PM
Algorithms for Identifying Pregnancies and Their Outcomes in a U.S. Claims Database

Presenting Author: Baijun Zhou
Co-Authors: Chase D. Latour // Elizabeth Simmons, PhD
Oluwasolape Olawore // Megan Delgado, MPH
Jacob C. Kahrs, MPH // Lauren M. Kucirka, MD, PhD
Elizabeth A. Suarez, PhD // Sharon Peacock-Hinton
Mollie E. Wood, PhD

2:30 PM
Validation of ICD-10-CM Diagnosis Codes for Low Birth Weight and Small for Gestational Age in Claims Databases

Presenting Author: BaoTrang Le, PharmD, MSc
Co-Authors: Yehua Wang, MSPH // Yanning Wang, MS
Nicole E. Smolinski, PharmD, PhD // Judith C. Maro
Almut G. Winterstein, PharmD, PhD

2:45 PM
Comparison of Linked EHR-pharmacy Dispensing Data and Health Care Claims During Pregnancy

Presenting Author: Gregory Jansen
Co-Authors: Gabriela Vazquez Benitez // Kirsten Ehresmann
Elisabeth Seburg // Margaret B. Nolan, MD, MS
Kristin Palmsten

Drug Effectiveness in Veterans and Friends

Room 208AB
Co-Moderators: Dana Y. Teltsch, PhD // Caitlin Knox

1:30 PM
Comparative Safety of Acetaminophen-Containing Hydrocodone Versus Oxycodone Among Adults with Cirrhosis

Presenting Author: Kevin Pritchard
Co-Authors: Kueiyu Joshua Lin, MD, ScD, MPH // Tracey Simon

1:45 PM
Application of a Principled Framework to the Robust Emulation of the CheckMate649 Trial in First Line Gastric Cancer Using a Nationwide Electronic Health Record (EHR)-Derived Database

Presenting Author: Janick Weberpals, RPh, PhD
Co-Authors: Rebecca Song // Jessica Shami
Alex Grigorenko // Sara E. Dempster

2:00 PM
Using Real-World Data to Predict Findings of an Ongoing Phase IV Trial: Glycemic Control of Semaglutide Vs. Standard of Care

Presenting Author: Sushama Kattinakere Sreedhara, MBBS, MSPH
Co-Authors: Sebastian Schneeweiss, MD, ScD // Elvira D'Andrea
Janick Weberpals, RPh, PhD // Elyse C. DiCesare, BA
Elisabetta Patorno, MD, DrPH // Theodore Tsacogianis
Marie Bradley, PhD, MPharm, MSc.PH
John Concato // Shirley V. Wang

2:15 PM
Transporting the LEADER Study Results to VA Cohorts: Assessing Liraglutide's Impact on Cardiovascular Outcomes in a Veteran Population

Presenting Author: Kevin Josey
Co-Authors: Wenhui Liu // Morten Medici // Cole Hoffman
Debashis Ghosh // Sridharan Raghavan

2:30 PM
Aspirin Use and the Risk of Hepatic Events in Patients with Metabolic Dysfunction-Associated Steatotic Liver Disease: A Target Trial Emulation with Clone-Censor-Weight Approach

Presenting Author: Hwa Yeon Ko, PharmD
Co-Authors: Yoosoo Chang, MD, PhD // Seungho Ryu
Ju-Young Shin, PharmD, PhD

2:45 PM
Real-World Radium-223 Utilization Patterns and Survival in Older Men with Metastatic Castration-Resistant Prostate Cancer (mCRPC): A SEER Registry-Linked Medicare Database

Presenting Author: Bo Zhou
Co-Authors: Amit Raval // Yifan Zhang // Nethra Sambamoorthi
Matthew Korn // Niculae Constantinovici
Rana McKay // Usha Sambamoorthi



1:30 - 3:00 PM LIGHTNING SESSION 3 – Room 201

Co-Moderators:
Daniela C. Moga, MD, PhD, FISPE // Hemalkumar B. Mehta, PhD, MS
Eileen E. Ming, MPH, ScD, FISPE // Donna Rivera

1:30 PM
Real-World Use and Survival Outcomes of Sacituzumab Govitecan in Metastatic Triple-Negative Breast Cancer and Hormone Receptor-Positive/HER2-Negative Breast Cancer: Insights from the French Early Access Program

Presenting Author: Aya Elhusseiny SHAABAN, PharmD
Co-Authors: Hugo Jourdain, PhD // David Desplas
Mahmoud Zureik, PhD, MD // Nadia Haddy, PhD, MD

1:35 PM
Developing a Cancer Stage Model in Patients with Incident Colorectal Cancer Using Data from a Cancer Care Quality Program and Administrative Claims

Presenting Author: Maria I. Van Rompay, PhD
Co-Authors: Valerie Haley, PhD // Joseph L. Smith, PhD, MPH
Shiva Chaudhary, MCA // Kevin Schott, ScD
Michael Mack, MS // Shiva K. Vojjala, MS // Lauren E. Parlett, PhD

1:40 PM
Epidemiology of MET Gene mRNA Expression in Metastatic Colorectal Cancer: Analyses of a Real-World Clinicogenomic Database

Presenting Author: Gregory S. Calip, PharmD, MPH, PhD
Co-Authors: Yookyung C. Choi, PharmD, PhD
Mona H. Cai, PhD, MPH // Ann Marie McNeill, PhD, MPH
Sophia Ng, PhD, MPH // Qingqing Xu, PhD, MS
Athan Vasilopoulos, PhD // Si Wu, PhD // Weilong Zhao, PhD

1:45 PM
Assessing Current Biomarker Testing Rates Leveraging Structured and Unstructured Real-World Data (RWD): A Case Study of Programmed Death-Ligand 1 (PD-L1) Testing Trends for Metastatic Non-Small Cell Lung Cancer (mNSCLC)

Presenting Author: Kathleen M. Aguilar
Co-Authors: Paul Conkling, MD // Ruben G.W. Quek
T.G. Hager // Chao Chen // Avi Raju // Malcolm Charles
James Harnett // Jessica K. Paulus, ScD

2:00 PM
Social Vulnerability and Adherence to Adjuvant Endocrine Therapy in Premenopausal Women with Breast Cancer – A Danish Population-Based Cohort Study

Presenting Author: Julie A. Schmidt
Co-Authors: Kirsten M. Woolpert // Cathrine F. Hjorth
Dóra Körmendiné Farkas // Susanne O. Dalton
Bent Ejlersen // Deirdre Cronin-Fenton

2:05 PM
Association Between Socioeconomic Status and High-Risk Drug Classes in Older Citizens: A Nationwide a Cohort Study

Presenting Author: Juliane Frydenlund, PhD
Co-Authors: Nicole Cosgrave
David J. Williams, MB, BAO, BCh, BSc (Pharm), FRCPI, FRCPE, PhD
Frank Moriarty // Emma Wallace // Ciara Kirke
Kathleen Bennett // Caitriona Cahir, PhD

2:10 PM
Geographic, Racial, and Ethnic Disparities in Colorectal Cancer Mortality in Adults 45+ Living in the United States, 2000-19

Presenting Author: Paula D. Strassle, PhD, MSPH
Co-Authors: Laura Dwyer-Lindgren, PhD // Dillon O. Sylte, BS
Christian S. Alvarez, PhD, MPH // George A. Mensah, MD
Amanda Hinerman, PhD, MPH // Ali H. Mokdad, PhD
Eliseo J. Pérez-Stable, MD

2:15 PM
Whose Health is Impacted by Income Inequality? Associations Between County-Level Income Inequality and Pharmacy Spending in an Insured Population

Presenting Author: Martha Johnson
Co-Authors: Winnie Chi // Cory Silver
Shantanu Agrawal // Darrell Gray

2:30 PM
Disproportionality Analysis of Adverse Events Associated with GLP-1 Receptor Agonists: Insights from FAERS Data from 2015 to 2024

Presenting Author: Xiaomo Xiong, PhD, MS
Co-Authors: Eszter Garami, Mpharm, MS
Jeff Jianfei Guo, BPharm, PhD

2:35 PM
The Usability of Active Comparator and Propensity Scores in Pharmacovigilance Signal Detection Studies with Disproportionality Analysis: An Example of Sodium-Glucose Cotransporter-2 Inhibitors

Presenting Author: Shahab Abtahi, MD, PhD
Co-Authors: Rafah Bawgi // Patrick C. Souverein, PhD
Andrew Bate // Eibert Rob Heerdink, PhD

MAIN CONFERENCE

Program Schedule

2:40 PM
Post-Marketing Safety of Lantus Insulin Glargine and its Interchangeable Biosimilar Semglee in the United States: A Disproportionality Analysis using the FDA Adverse Event Reporting System (FAERS) Database
Presenting Author: Lotanna Ezeja, BPharm
Co-Author: Jingjing Qian, PhD

1:30 PM - 3:00 PM
CONCURRENT SESSIONS:
ORAL PRESENTATIONS

**One Size Fits None:
Unravelling Treatment Heterogeneity – *Ballroom AB***
Co-Moderators:
Chintan Dave // Michele Jonsson Funk, PhD

1:30 PM
Calculating Number Needed to Treat (NNT) for Studies Using Real-World Data with Variable Follow-Up Times: Kaplan-Meier Versus Rate-Based Approach
Presenting Author: Sarah R. Hoffman
Co-Authors: Stephan Lanes // Tracey Quimbo // Anahit Papazian
Jeff White // Vicki Fisher // Mark Cziraky
Matthew Crowley // Vincent Willey

1:45 PM
Heterogeneous Effects of Sodium-Glucose Cotransporter-2 Inhibitors on Acute Kidney Injury: A Causal Learning Approach
Presenting Author: Serena Jingchuan Guo
Co-Authors: Yao An Li // Jiang Bian

2:00 PM
A Target Trial Emulation with an Extension to Subgroups: An Example for Relapsing-Remitting Multiple Sclerosis
Presenting Author: Stefan Verweij
Co-Authors: Maarten Bijlsma // Katrien Oude Rengerink
Eelko Hak // Peter Mol

2:15 PM
Comparison of Disease Risk Score Methods to Study Treatment Effect Heterogeneity in Real World Data: A Simulation Study
Presenting Author: Haedi Thelen, PharmD
Co-Authors: Wei Yang, PhD // Jordana Cohen, MD
Sean Hennessy, PharmD, PhD // Wensheng Guo, PhD
Todd Miano, PharmD, PhD

2:45 PM
Effects of GLP-1 Receptor Agonists on Respiratory Outcomes in Type 2 Diabetes Patients: An Inverse Disproportionality Analysis of FAERS Data and Systematic Review with Meta-Analysis of Clinical Trials
Presenting Author: Anjali Raveendran K.V.
Co-Author: Christy Thomas, MPharm, PhD // Sajesh K Veetil
Muhammed Rashid, MPharm, PhD // Krishna Undela

2:30 PM
Effect-Based Modeling of Individualized Treatment Effects to Predict Benefit-Harm Balance: Example Using Immune Checkpoint Inhibitors
Presenting Author: James Heyward, PhD
Co-Authors: Hemalkumar B. Mehta, PhD, MS
Jodi B. Segal, MD, MPH // Catherine Lesko, PhD, MPH
David Kent // Joseph Murray, MD, PhD

2:45 PM
Heterogeneity of Treatment Effects for GLP1-RA on Kidney Outcomes in Patients with Type 2 Diabetes Mellitus
Presenting Author: Yang Xu
Co-Authors: Tao Huang // Ruyu Li // Zhuoheng Shen
Edouard L. Fu // Juan-Jesus Carrero

Perfect Timing – *Room 202AB*
Co-Moderators:
Jessica M. Franklin // Anna Schultze

1:30 PM
One Disease, Three Definitions: Unpacking the Impact of Cohort Entry Date Choice on Type 2 Diabetes Identification Using Claims
Presenting Author: Ping Shao, MS
Co-Authors: Xinyue Liu, PhD, MS // Shiyao Gao
Julius Asubonteng // Andrea Marcus

1:45 PM
Evaluation of Different Washout Periods for Identifying New Users
Presenting Author: Daniel Hsiang-Te Tsai
Co-Authors: Albert Tzu-Ming Chuang, PharmD
Avery Shuei-He Yang, MCLinPharm // Edward Chia-Cheng Lai, PhD

2:00 PM
Immortal Time Bias Impacts Time-to-Event Outcomes in Cohort with Genomic Testing
Presenting Author: Michael A. Kelsh
Co-Authors: Jaime Shaw // Hil Hsu // Huakang Tu
Victoria chia // Shivani Aggarwal // Gil Carrigan

2:15 PM
Bias Due to Interval Censored Outcomes in a Study of Flare Risk after Hydroxychloroquine Taper/Cessation in Systemic Lupus Erythematosus
Presenting Author: Rima Kaddoura
Co-Authors: Sasha Bernatsky // Celline C. Almeida-Brasil
John G. Hanly // Murray Urowitz // Ann E. Clarke
Guillermo Ruiz-Irastorza // Caroline Gordon
Rosalind Ramsey-Goldman // Michelle A. Petri // Ellen M. Ginzler
Daniel J. Wallace // Sang-Cheol Bae // Juanita Romero-Diaz
Mary-Anne Dooley // Christine Peschken // David Isenberg
Susan Manzi // Søren Jacobsen // S. Sam Lim // Ola Nived
Andreas Jönsen // Diane L. Kamen // Cynthia Aranow
Jorge Sánchez-Guerrero // Dafna D. Gladman // Paul R. Fortin
Graciela S. Alarcon // Joan T. Merrill // Kenneth Kalunian
Manuel Ramos-Casals // Asad Zoma // Anca D. Askanase
Munther Khamashta // Ian N. Bruce // Murat Inanc
Luck Lukusa // Michal Abrahamowicz

2:30 PM
Comparison of Performance of Common Exposure Episode Definitions in Long-Latency Outcome Studies
Presenting Author: Andrea Austin
Co-Authors: Nicole Foster // Melissa Moore-Clingenpeel
Leslie Harrold, MD, MPH // Heather Litman

2:45 PM
A Case Study Examining Ranolazine and Seizure Risk to Compare Potential Bias When Using Self-Controlled Study Designs
Presenting Author: Earl Morris, PharmD, MPH, PhD
Co-Authors: Chien-Yu Tseng, PharmD // Efe Eworuke

The Target Stands Trial – *Room 207AB*
Co-Moderators:
Tiansheng Wang, PharmD, PhD // Kayte M. Andersen, MSc

1:30 PM
The ECHO Study: Evaluation of Cloning-Censor-Weighting to Assess the Effect of Time to Treatment Initiation of Single Inhaler Dual ICS/LABA Therapy After a First Observed COPD Diagnosis in the United States
Presenting Author: Awa Diop, PhD
Co-Authors: Stefan Franzén, PhD // Michael Pollack, PhD
Achim Wolf, PhD

1:45 PM
Levetiracetam Use and Dementia Risk in Patients with Post-Stroke Seizures: A Population-Based Study Using a Target Trial Emulation Framework
Presenting Author: Hsin-Yi Huang, PhD, BCCCP
Co-Authors: Xiaojuan Li, PhD, MSPH // Chi-Chuan Wang, PhD

2:00 PM
Comparison of Baseline Characteristics in Patients with Prostate Cancer Who Received Radical Prostatectomy or External Beam Radiotherapy: Target Trial Versus Real-World Data Population
Presenting Author: Eng Hooi (Cheryl) Tan
Co-Authors: Danielle Newby // Wai Yi Man
Antonella Delmestri, PhD // Nora Tabea Sibert
Rossella Nicoletti // Peter-Paul Willemse // Monique Roobol
Daan Nieboer // Daniel Prieto-Alhambra // OPTIMA Consortium

2:15 PM
Risk of Osteoporosis, Osteoporotic Fractures, and Falls in Patients With Rheumatoid Arthritis Receiving JAK Inhibitors: A Target Trial Emulation Study
Presenting Author: Vincent Ping-Sheng Chou
Co-Authors: Avery Shuei-He Yang, MCLinPharm
Albert Tzu-Ming Chuang, PharmD // Daniel Hsiang-Te Tsai
Edward Chia-Cheng Lai, PhD

2:30 PM
Timing of SGLT2 inhibitors Initiation on Clinical Complications in Diabetic Metabolic Dysfunction-Associated Steatotic Liver Disease: A Target Trial Emulation Study with a Clone-Censor-Weight Approach
Presenting Author: Kyungyeon Jung, PharmD
Co-Authors: Hwa Yeon Ko, PharmD // Bin Hong
Ju-Young Shin, PharmD, PhD

2:45 PM
Assessing the Risk of Ventricular Arrhythmia and Sudden Death in Patients Receiving Concomitant Treatment with Antipsychotics and Selective Serotonin Reuptake Inhibitors: A Sequential Target Trial Emulation Study
Presenting Author: Hsiu-Ting Chien
Co-Authors: Fang-Ju Lin // Shu-Wen Lin // Darren Toh, ScD

MAIN CONFERENCE
Program Schedule

3:15 - 4:45 PM

HOT TOPIC DEBATE

Large Language Models and AI
in Pharmacoepidemiology:
Job tool or Job Takeover? – *Ballroom AB*

Presenting Authors:

Harriet Dickinson, PhD // Donna Rivera, PharmD., MSc., FISPE
Benjamin D. Bray, MD MBChB // John Diaz-Decaro
Michele Jonsson Funk, PhD // Henric Taavola, MScEng, PhD

This hot topic plenary explores the transformative impact of AI agents and Large Language Models (LLMs) on pharmacoepidemiology and our future workforce. Will these technologies complement or even replace human tasks in protocol development, data analysis, and regulatory engagement? Experts from industry, academia, safety monitoring, and regulatory bodies will deliver rapid-fire insights on this issue, followed by a dynamic panel and audience Q&A. Together, we'll unpack the promises and pitfalls of LLMs, envision AI-augmented workplaces, and identify key skills for tomorrow's researchers. With diverse perspectives and spirited debate, this session is set to challenge assumptions and ignite forward-thinking dialogue for everyone.

4:45 - 5:00 PM

THE FINAL WORD – *BALLROOM AB*

OVERVIEW

Poster sessions are intended to give presenters an opportunity to discuss informally their research with colleagues interested in their research. The purpose of the posters is to visually stimulate interest in the research, to present sufficient information for viewers to understand the methods, results, and significance of the research, and to promote conversations and networking among conference participants.

Neither ISPE nor the Walter E. Washington Convention Center will be responsible for any material left on display overnight or is lost or damaged.

POSTER SESSIONS EXPLAINED

All poster sessions (General and Spotlight) are hosted in **Hall D**. Each day is allocated a session and schedules at the following times:

Session A: Sunday, August 24 // 8:00 AM - 6:00 PM

Session B: Monday, August 25 // 8:00 AM - 6:00 PM

Session C: Tuesday, August 26 // 8:00 AM - 1:30 PM

SETUP/TAKE DOWN

7:00-8:00am; all posters must be in place by 8:00am. The poster area must be cleared of tubes, obstacles, trip hazards, and other materials.

All posters for a specific day's session must be removed at the end the session, by 6:30 pm on Monday and Tuesday, and by 2:00 pm on Wednesday. Posters not removed by these times will be assumed to be abandoned and will be discarded.

DISCUSSION TIME

General Session

Presenting Authors must be at their posters at the following times for discussion:

Sunday – Session A: 12:00 - 1:30 pm

Monday – Session B: 11:30 am - 1:00 pm

Tuesday – Session C: 12:00 - 1:30 pm

Spotlight Poster

Presenting Authors must be at their posters at the following times for discussion:

Sunday – Session A: 12:15 - 1:15 pm

Monday – Session B: 11:45 am - 12:45 pm

Tuesday – Session C: 12:15 - 1:15 pm

Spotlight Sessions

Organized by ISPE Special Interest Groups (SIGs). Spotlight sessions showcase select posters and give presenters the opportunity to share and discuss their work with an audience. When the spotlight session chair and audience stop at your poster, please give a brief, 3-minute, presentation and be prepared to answer questions about your research.

Spotlight posters are organized in the following topic areas:

Sunday – Session A

Adherence // AsPEN / Biologics // Cell & Gene Therapy
Databases // Digital Epidemiology // Geriatrics

Monday – Session B

BRACE // Cancer // Drug Utilization Research
Drug-Drug Interaction // Environmental Pharmacoepidemiology
Genomics & Precision Medicine // Health Equity

Tuesday – Session C

Medical Devices // Medications in Pregnancy & Lactation
Pediatrics // Rare Disease // Real-World Evidence Collaborative
Vaccines // Comparative Effectiveness Research

Spotlight Session Prizes

A group of judges will select the best posters of each Spotlight Session. The winners will be announced at The Final Word session on Tuesday, August 26.

Numbering System

Each poster board will be numbered. Presenters should attach their posters to the board number corresponding to the number assigned to their poster listed in this program. The poster board number is the first number listed.

Example

A-028 – Patient-Reported Outcomes in Dermatological Medicines: An Overview of EU Marketing Authorizations from 1998 to 2024

Presenting Author: Diogo Almeida
Co-Authors: Noor Coenen // Bruno Sepodes // Carla Torre

Key: **A-028** – Poster Board Number

NEW! Pharmacoepidemiology
and Drug Safety @ USC

New in the 2025-26 academic year, USC's Graduate Certificate and Masters Program in Pharmacoepidemiology and Drug Safety are designed to provide specialized training in identifying, measuring, and addressing critical issues related to drug safety and effectiveness.

Graduate Certificate

Units: 13
Time Length: 9-12 months
Format: Hybrid – Online



Masters Program

Units: 32 (24 core + 8 elective)
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Capstone: Master's Thesis



With access to cutting-edge resources, this program offers robust academic training emphasizing real-world applications. Graduates will emerge prepared to lead in diverse environments, from academic and regulatory settings to industry and healthcare practice.

Join us to be part of the future of healthcare innovation, where your expertise will contribute to shaping medication safety and effectiveness, ultimately driving health equity globally.

Contact: Johana Valdez Garcia • johanava@usc.edu

Program Director:
Dima M. Qato, PharmD, MPH, PhD
Hygeia Centennial Chair and Associate Professor
Director, Program on Medicines and Public Health
USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences

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Mann
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Pharmaceutical Sciences



SPOTLIGHT POSTERS

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SPOTLIGHT POSTERS

ADHERENCE TO PHARMACOTHERAPY

SLA-001 – Predictors of Adherence to Second Generation Direct Acting Anti-viral Agents among Hepatitis C Virus Infected Patients without Cirrhosis Presenting Author: Javeria Khalid, PharmD, MPhil Co-Authors: Jieni Li, PhD, MPH // Rajender Aparasu, PhD	SLA-004 – Increased Continuity of Oral Contraceptive Therapy following Implementation of Extended Days' Supply Coverage Mandates in the United States Presenting Author: Dustin K. Miracle, PharmD, PhD Co-Authors: Lindsey Hammerslag, PhD // Svetla Slavova, PhD Jeffrey Talbert, PhD, FAMIA // Daniela C. Moga, MD, PhD, FISPE Patricia Freeman, RPh, PhD, FAPhA, FNAP
SLA-002 – Dynamic Patterns of Antiretroviral Therapy Adherence Among Newly Treated People Living with HIV: A Group-Based Trajectory Modeling Using Real-World Data in Belgium Presenting Author: Dieudonné Ilboudo, MD, Msc, PhD(c) Co-Authors: Sékou Samadoulougou Fati Kirakoya-Samadoulougou	SLA-005 – Adherence Trajectories to Antipsychotic Medications Among South Carolina Medicaid Beneficiaries with Schizophrenia or Schizoaffective Disorder Presenting Author: Maggie Gu, BS Co-Authors: Chandana Sai Chidrala, MS // Chao Cai, PhD
SLA-003 – Evaluating Effectiveness of Risk Minimization Through Healthcare Professional Education: A Literature Review Presenting Author: Jian-Yu E, ScD, MPH, MD Co-Authors: Kexin Zhu, PhD // William Blumentals, PhD Froilan Celzo, MD // G. Caleb Alexander, MD, MS	SLA-006 – Patterns of Endocrine Therapy Adherence and the Risk of Breast Cancer Recurrence Presenting Author: Kirsten M. Woolpert Co-Authors: Julie A. Schmidt // Cathrine F. Hjorth Thomas Ahern // Dóra Körmendiné Farkas // Lindsay Collin Bent Ejlersen // Timothy Lash // Deirdre Cronin-Fenton
	SLA-007 – Trends of Antidepressants Use During Pregnancy: A Nationwide Cohort Study Presenting Author: Hyunjoo Lim Co-Authors: Eun-Young Choi // Yongtai Cho Ju-Young Shin, PharmD, PhD

ASIAN PHARMACOEPIDEMIOLOGY NETWORK (ASPEN)

SLA-010 – Erythropoiesis-Stimulating Agent and Risk of Osteoporotic Fracture Among Chronic Kidney Disease Patients: A Territory-Wide Nested Case-Control Study Presenting Author: Ching-Lung Cheung, PhD Co-Authors: Shun-Cheong Ho // Gloria Li // Chor-Wing Sing	SLA-014 – Metformin Use and Risk of Depression in Patients with Diabetes Presenting Author: Daniel Hsiang-Te Tsai Co-Authors: Peter Pin-Sung Liu, PhD Albert Tzu-Ming Chuang, PharmD Avery Shuei-He Yang, MCLinPharm Edward Chia-Cheng Lai, PhD
SLA-011 – Analysis of Sex Differences in Potent P2Y12 Inhibitors among Asian Acute Coronary Syndrome (ACS) Patients Presenting Author: Pei-Chun Liu, MD Co-Authors: Ching-Lan Cheng, PhD // Lu-Hsuan Wu Yu-Ching Chang	SLA-015 – Use of Quetiapine vs Risperidone and Risk of Cardiovascular Diseases in Patients with Parkinson's Disease Psychosis Presenting Author: Daniel Hsiang-Te Tsai Co-Authors: Peter Pin-Sung Liu, PhD Edward Chia-Cheng Lai, PhD
SLA-012 – Handling Missing Laboratory Values Across Various Missing Data Settings in Electronic Health Records Presenting Author: Albert Tzu-Ming Chuang, PharmD Co-Authors: Daniel Hsiang-Te Tsai // Shih-Chieh Shao, PhD Edward Chia-Cheng Lai, PhD	SLA-016 – Effectiveness of Antipsychotics in Patients with Schizophrenia Presenting Author: Daniel Hsiang-Te Tsai Co-Authors: Avery Shuei-He Yang, MCLinPharm Albert Tzu-Ming Chuang, PharmD Michael, Chun-Yuan Cheng // Edward Chia-Cheng Lai, PhD
SLA-013 – Evaluating Mortality Risk and Post-Discharge Antipsychotic Use in Patients with Hospital-Onset Delirium Presenting Author: Daniel Hsiang-Te Tsai Co-Authors: Avery Shuei-He Yang, MCLinPharm Michael, Chun-Yuan Cheng // Edward Chia-Cheng Lai, PhD	

BIOLOGICS

SLA-033 – Integration of Two Large Databases for an Observational Cohort Study of Exposure to Galcanezumab during Pregnancy Among Women with Migraine

Presenting Author: Sarah R. Hoffman
Co-Authors: Enemona Adaji // Francis Mawanda
Krista Schroeder // Bahar Coley // Kevin Schott, ScD
Daniel Dudman // Stephan Lanes

SLA-034 – Cardiovascular Disease Risk Among Patients Using Tumor Necrosis Factor-Alpha Inhibitors and Milk Consumption: A Population-Based Study

Presenting Author: Yu-Fang Kang
Co-Authors: Yuan-Liang Wen, MS, PhD Candidate
Yi-Hsien Chen, MD // Sheng-Yin To, PhD Candidate
Hui-Wen Yang, MS, PhD Candidate // Senyeong Kao
Li-Ting Kao, PhD

SLA-035 – Research and Development Costs for Biologic Products Developed by U.S. Biotechnology Startups, 2017-2023

Presenting Author: Ilina C. Odouard, MPH
Co-Authors: So-Yeon Kang, PhD, MBA // Jessica Mo, BA
Gerard Anderson, PhD // G. Caleb Alexander, MD, MS

SLA-037 – Can Observational Studies Replace Experimental Transition (or Switching) Studies for Evaluating the Interchangeability of Biological Drug Reference and Biosimilars? Methodological Challenges and Considerations

Presenting Author: Andrea Spini
Co-Authors: Chiara Bellitto
Catherine M. Lockhart, PharmD, PhD // Giorgia Pellegrini
Luca L'Abbate // Ylenia Ingrasciotta // Marco Massari
Flavia Mayer // Mette Reilev // Julie Rudbech Krumborg
Jesper Hallas // Gianluca Trifirò

CELL & GENE THERAPY

SLA-049 – Post-approval Real-World Studies of RNA therapies in the EU: What Can We Learn from Study Characteristics?

Presenting Author: Sara Angleman, PhD, MPhil
Co-Authors: Elizabeth Donahue, BS // Mai Duong, PhD
Nelson Ndegwa // Nahila Justo, PhD
Alice Rouleau, PharmD

SLA-050 – Mandated Long-Term Follow-Up Studies of Patients Treated with Gene and Cell Therapies Approved in the European Union (EU): An Analysis of Commonalities and Variations

Presenting Author: Nahila Justo, PhD
Co-Authors: Mai Duong, PhD // Pingling Zeng, PhD
Sara Angleman, PhD // Alice Rouleau, PharmD
Elizabeth Donahue, BS

SLA-038 – Single and Multiple Switches, Swap and Retransitioning Among 28,073 Biological Drug Users with Inflammatory Bowel Disease: Results from Italian VALORE Distributed Database Network

Presenting Author: Andrea Spini
Co-Authors: Giorgia Pellegrini // Chiara Bellitto
Federica Soardo // Luca L'Abbate // Ylenia Ingrasciotta
Olivia Leoni // Arianna Mazzone // Domenica Ancona
Paolo Stella // Anna Cavazzana // Angela Scapin
Sara Lopes // Valeria Belleudi // Stefano Ledda
Paolo Carta // Paola Rossi // Lucian Ejlli // Ester Sapigni
Aurora Puccini // Rita Francesca Scarpelli
Giovambattista De Sarro // Marco Tuccori // Rosa Gini, PhD
Alessandra Allotta // Sebastiano Addario Pollina
Roberto Da Cas // Giampaolo Bucaneve
Antea Maria Pia Mangano // Francesco Balducci
Carla Sorrentino // Ilenia Senesi
Francesca Futura Bernardi // Ugo Trama
Stefania Spila Alegiani // Marco Massari
Flavia Mayer // Edoardo Savarino

SLA-039 – Effect of Achieving Pain Relief Between Baricitinib and Tofacitinib in Patients with Rheumatoid Arthritis: A Retrospective Cohort Study Using the TriNetX Global Collaborative Networks

Presenting Author: Albert Tzu-Ming Chuang, PharmD
Co-Authors: Daniel Hsiang-Te Tsai
Edward Chia-Cheng Lai, PhD

SLA-051 – Role of the Regulatory Science Center in the Safety Management of Advanced Biological Products in Korea

Presenting Author: Eunsun Noh
Co-Authors: Yeonsook Ko // ShinHaeng Lee

SLA-052 – Infection-Related Hospitalization After CAR-T Cell Therapy in Commercially Insured Patients with Hematologic Malignancies

Presenting Author: Mohammed Zuber, PharmD
Co-Authors: Shaimaa Elshafie, MSc, PhD // Shifa Taj, PharmD
Daniel B Chastain, PharmD, BCIDP, AAHIVP, FIDSA
Lorenzo Villa Zapata, PharmD, PhD

DATABASES FOR PHARMACOEPIDEMOLOGICAL RESEARCH

SLA-056 – Neurological Adverse Events Associated with Valbenazine in Tardive Dyskinesia: A Meta-Analysis of Randomized Controlled Trials and FAERS Based Disproportionality Analysis

Presenting Author: Beema T Yoosuf, PhD Scholar
Co-Authors: Aparna Bhosale // Muhammed Favas KT
Dipika Bansal

SLA-057 – Two Decades of ADHD Diagnosis Trends in British Columbia: A Population-Based Study

Presenting Author: Zishan Cui
Co-Authors: Ken Bassett // Anshula Ambasta, MD, PhD
Greg Carney, PhD // Wade Thompson, PhD, PharmD
Colin Dormuth, ScD

SLA-058 – Exploring the Association Between Fluoroquinolones and Neuropsychiatric Adverse Events: A Scoping Review

Presenting Author: Hsuan Chang
Co-Authors: Ming-Ching Chen, BS // Yaa-Hui Dong, PhD

SLA-059 – Data stacking of RWD from two EMR Databases in the United States using Tokenization

Presenting Author: Peter McMahon
Co-Authors: Angela P. L. Yu // Patricia J. Allen, MS
Raina Mathur, MPH // Francesca Coutinho, MBBS, MPH
Julie A. Katz, MPhil, MPH // Natalia Sadetsky
Jeanne Pierzynski, PhD

DIGITAL EPIDEMIOLOGY

SLA-064 – Development and Use of a Novel Crosswalk to Evaluate Tablet or Pill Dosage Size in Real-World Data

Presenting Author: Scott M. Vouri, PharmD, PhD
Co-Authors: Joshua Ide, MS // Chern Chuan Soo, BSBA
Marina G. Birck, PhD // Timothy Wiemken, PhD, MPH
Henning Witt // Simon Dagenais, PhD, MSc

SLA-065 – Applications of Machine Learning in Epidemiologic Research Utilizing Administrative Claims and/or Structured Electronic Health Record Data

Presenting Author: Ismaeel Yunusa
Co-Authors: Bilal Khokhar // William Spalding // Dana Y. Teltsch

SLA-066 – Landscape of Public Health Data Dashboards: Comparison of Key Features for Epidemiology Research

Presenting Author: Anokhi Kapasi, PhD
Co-Authors: Jeff Jianfei Guo, BPharm, PhD
Mariam Shokralla, MPH
Katarina Ilic, MD MSc PhD MPH FISoP

SLA-067 – A Fully Automated AI-Enabled Pipeline for Extracting Kaplan-Meier Survival Data from Scientific Plots

Presenting Author: Ryan Chung, PhD
Co-Authors: Natalia Zdorovtsova, PhD
Antonia Tsvetanova, PhD // Benjamin Bray, MD

SLA-060 – Are Diabetes Treatments and Education Associated with Cognitive Performance? A U.K. Biobank Study on Type 2 Diabetes

Presenting Author: Joyce (Yun-Ting) Huang
Co-Authors: Yuan Tian
Li-Chia Chen, PhD, MSc ClinPharm, BSc Pharm, SFHEA
Matthew Sperrin // Esme Fuller-Thomson
Dorina Cadar // David A. Jenkins

SLA-061 – Antipsychotic-Induced Weight Gain (AIWG) Among Patients Attending a Psychiatric Clinic at the Lagos State University Teaching Hospital (LASUTH)

Presenting Author: Oluwapelumi I. Odununmi
Co-Authors: Marvellous Immanuel
Kazeem A. Oshikoya, MD, PhD

SLA-062 – Adjusting for Residual Confounding Using High-Dimensional Propensity Scores in a Study of Inhaled Corticosteroids and COVID-19 Outcomes

Presenting Author: Marleen Bokern
Co-Authors: John Tazare
Christopher T. Rentsch, PhD, FISPE
Jennifer Quint, PhD FRCP // Ian Douglas // Anna Schultze

SLA-063 – Standardising Clinical Practice Research Datalink Data Linked to Hospital Admissions and Cancer Registry Data in Prostate Cancer

Presenting Author: Eng Hooi (Cheryl) Tan
Co-Authors: Wai Yi Man // Danielle Newby
Daniel Prieto-Alhambra // Antonella Delmestri, PhD
OPTIMA Consortium

SLA-068 – Potential High-risk Medication Clusters Prior to Unplanned Hospitalization Among Older Adults: A Latent Dirichlet Allocation Approach Using Nationwide Claims Data

Presenting Author: Wen-Hsuan Liao
Co-Authors: Fei-Yuan Hsiao // Liang-Kung Chen
Shih-Tsung Huang, PharmD, PhD

SLA-069 – Digital Data on the Rise: What Kinds of Clinical Trials are Incorporating Wearable Devices

Presenting Author: Anisha Suri, PhD
Co-Authors: Harriet Dickinson, PhD // Mike Lu // Kim Wah Low
Donald Julien // Stacey Scherbakovsky

SLA-070 – Innovative use of Generative Artificial Intelligence Copilot to Extract Data for Systematic Literature Reviews

Presenting Author: Sandra Lopez-Leon, MD PhD
Co-Authors: Anna Beckmeyer-Borowko // Promit Roy
Ayush Jha // Jan Schael

SLA-071 – Assessing ChatGPT's Accuracy in Identifying Major Psychotropic Drug-Drug Interactions: A Feasibility Study

Presenting Author: Enyao Zhang
Co-Authors: Hye Ryeon Jang // Myles Ndiritu
Wei-Hsuan Lo-Ciganic
Juan M. Hincapie-Castillo, PharmD, PhD

GERIATRIC PHARMACOEPIDEMIOLOGY

SLA-160 – Magnitude and Patterns of Potential Diuretic Prescribing Cascades after Calcium Channel Blocker Initiation in Medicare Beneficiaries with and Without Congestive Heart Failurea

Presenting Author: Asinamai Ndai, BPharm, MS
Co-Authors: Kayla Smith // Shailina Keshwani
Priyanka Kulkarni, MPH, BPharm
Earl Morris, PharmD, MPH, PhD // Steven Smith, PharmD

SLA-161 – Prevalence and Mortality of HIV-Associated Neurocognitive Disorder (HAND) in Older Medicare Beneficiaries

Presenting Author: Arman Arabshomali
Co-Authors: Kaustuv Bhattacharya // Yi Yang

SLA-162 – The Prevalence of Central Nervous System-Active Polypharmacy in U.S. Nursing Homes During the COVID-19 Visitation Restriction

Presenting Author: Heeyoon Jung, MS
Co-Authors: Shao-Hsien Liu, PhD, MPH
Anne Hume, PharmD // David Dosa, MD, MPH
Anthony Nunes, PhD // Jonggyu Baek, PhD
Kate L. Lapane, PhD

SLA-163 – Multidomain Frailty Index from Routine Health Data and Medication Use in Older Patients with and Without Dementia in Australian Hospitals

Presenting Author: Noriko Sato
Co-Authors: Kenji Fujita // Sarah Hilmer

SLA-164 – Mortality in Patients with Parkinson's Disease Psychosis Using Pimavanserin Versus Other Antipsychotics

Presenting Author: Sapna Rao, PhD
Co-Authors: Lisa J. McQuay, MBioinf
Joan Forns, MPH, PhD // Rebecca MacKay, MPH
Thomas C. Aquilina, MD // Dilesh Doshi, PharmD
Victor Abler, DO // Mary S. Anthony, PhD
Bradley Layton, PhD, FISPE

SLA-165 – Risk of Incident Atrial Fibrillation Among Female Users of Osteoporosis Treatments

Presenting Author: Rebecca Persson, MPH
Co-Authors: Tzu-Hsuan Yang, MPH // Zarena Jafry, MPH
Katrina Wilcox Hagberg, MPH
Catherine Vasilakis-Scaramozza, PhD

SLA-166 – Effectiveness, Safety, and Costs of Initiating Gabapentin Versus Pregabalin among Older Adults with Chronic Opioid Use

Presenting Author: Kevin Pritchard
Co-Authors: Chun-Ting Yang // Xiaojuan Liu, PhD
James Wilkins // Dae Hyun Kim, MD, ScD
Kueiyu Joshua Lin, MD, ScD, MPH

SLA-167 – Antibiotic Use and Risk of Inflammatory Bowel Disease in Older Adults: A Nationwide Self-Controlled Case Series Study

Presenting Author: Máté Szilcz
Co-Authors: David Bergman // Jonas Wastesson
Kristina Johnell // Jonas F. Ludvigsson

ADHERENCE TO PHARMACOTHERAPY

A-001 – Analyzing Medication Adherence as a Mediator in Disease Management

Presenting Author: Chao Cai, PhD
Co-Authors: Chandana Sai Chidrala, MS // Sri Alluri

A-002 – Patterns and Predictors of Adherence to Direct Acting Antivirals Treatment Among Medicare Beneficiaries with Chronic Hepatitis C

Presenting Author: Shaquib Al Hasan, M.Pharm, MBA, MS
Co-Authors: John Schommer, MS, PhD, RPh
Wendy St. Peter, PharmD, FCCP, FASN, FNKF
Pamela J. Schreiner, MS, MS, PhD, FAHA // Joel Farley, PhD

ASIAN PHARMACOEPIDEMIOLOGY NETWORK (ASPEN)

A-010 – Risk of Acute Pancreatitis Associated with the Use of Dipeptidyl Peptidase-4 Inhibitors: Application of the Trend-in-Trend Design

Presenting Author: Avery Shuei-He Yang, MCLinPharm
Co-Authors: Peter Pin-Sung Liu, PhD
Daniel Hsiang-Te Tsai // Edward Chia-Cheng Lai, PhD

A-011 – Potential Bias in Self-Controlled Case Series Design: Impact of Incident vs. Prevalent Scenarios of Exposure and Outcome

Presenting Author: Kyungyeon Jung, PharmD
Co-Authors: Seong Jun Byun // Gyeongmin Lim
Jeong-Eun Lee // Hyesung Lee, PhD
Ju Hwan Kim, PharmD, PhD // Ju-Young Shin, PharmD, PhD

BENEFIT-RISK ASSESSMENT, COMMUNICATION, & EVALUATION (BRACE)

A-019 – Patients' and Caregivers' Understanding of the Serious Risks of Opioid Analgesics and How to Use These Products Safely: A Patient/Caregiver Survey

Presenting Author: Anna E. Wentz, PhD
Co-Authors: Marija Zeremski, PhD
Judith J. Stephenson, SM // Kaitlyn Hopkins

A-020 – A Cross-Sectional Analysis of Patient-Reported Outcomes Collection in Registries Indexed in the Heads of Medicines Agencies-European Medicines Agency Catalogues of Real-World Data Sources and Studies

Presenting Author: Diogo Almeida
Co-Authors: Bruno Sepodes // Carla Torre

A-021 – Risk Minimization Strategies for Preventing Prenatal Exposure to Teratogenic Medications: Evaluating the Evidence

Presenting Author: Celeste LY Ewig
Co-Authors: Amir Sarayani
Nicole E. Smolinski, PharmD, PhD
Almut G. Winterstein, PharmD, PhD

A-022 – Opening the DOOR for Patient-Centric Benefit-Risk Evaluation: Highlights from the CIOMS Benefit-Risk Working Group

Presenting Author: Stéphanie Tcherny-Lessenot
Co-Authors: Scott Evans, PhD

A-023 – Studying Paternal Drug Exposures and Offspring Outcomes: Feasibility Assessment of Large European Databases

Presenting Author: Sandrine Colas, PhD, MSc
Co-Authors: Hillary Bonnet, PharmD, MSc // Laurie Fraticelli
Emmanuelle Bignon // Jérémy Jové
Vera Ehrenstein, MPH, DSc
Maria Giner-Soriano, PharmD, PhD // Jonas Reinold
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Carolyn E. Cesta // Jacqueline M. Cohen
Romin Pajouheshnia // Josine Kuiper // Eline Houben
Marie-Laure Kürzinger // Juliette Longin
Laure Carcaillon-Bentata

A-024 – Evaluating Clinical Benefit and Regulatory Approval Patterns of Newly Approved Therapies for Multiple Myeloma: Is Brazil Keeping Pace with Global Advances?

Presenting Author: Marina Alacoque Rodrigues, MSc
Co-Authors: Pedro Henrique De Carvalho Souza
Cristiane Aparecida Menezes de Paula, PhD
Letícia Pena Braga, PhD
Paula Lana De Miranda Drummond, PhD
Adriano Max Moreira Reis, PhD

A-025 – Is There an Impact of Menstrual Cycles on Chronic Diseases Outcomes?

Presenting Author: Stéphanie Tcherny-Lessenot
Co-Authors: Clara Lesourd // Juhaeri Juhaeri, PhD

A-026 – Identifying Opportunities and Challenges in the Use of Real-World Data to Support the Ongoing Benefit-Risk Evaluation of New Treatments for Alzheimer's Disease

Presenting Author: Katherine Donegan, PhD
Co-Authors: Camryn Lieb, ScM // Alexandra Z. Sosinsky, ScM

BIOLOGICS

A-033 – Utilization of Erenumab and Other Prophylactic Migraine Treatments: A Regulator-Mandated Population-Based Cohort Study in Four Nordic Countries (EUPAS36014)

Presenting Author: Vera Ehrenstein, MPH, DSc
Co-Authors: Cecilia Hvitfeldt Fuglsang, MD, PhD
Astrid Kousholt // Johan Reutfors // Marte-Helene Bjørk
Zhao Cheng // Marie Linder // Jannicke Igland
Astrid Lunde // Xu Qiao // Irina Sveide
Sandra Lopez-Leon, MD PhD // Henrik Toft Sørensen

A-027 – Design and User-Testing of Digital Additional Risk Minimisation Material

Presenting Author:
Michael Forstner, MS PhD MPH FRSM FRSPH
Co-Authors: Mark Perrott // Stephen Wells

A-028 – Patient-Reported Outcomes in Dermatological Medicines: An Overview of EU Marketing Authorizations from 1998 to 2024

Presenting Author: Diogo Almeida
Co-Authors: Noor Coenen // Bruno Sepodes // Carla Torre

A-029 – Transparency in the Training, Validation, and Testing of Artificial Intelligence-Based Tools for Real-World Evidence Synthesis

Presenting Author: Yola Moride, PhD FISPE
Co-Authors: Aurore Bergamasco, PharmD, MSc
Richard Chiv, MSc

A-030 – Use of Real-World Evidence to Satisfy U.S. FDA Postmarketing Requirements and Commitments

Presenting Author: Terrell Baptiste
Co-Authors: Scarlett Yang // Shivani Mhatre
Francesca Kolitsopoulos

A-031 – Patient-Reported Adverse Events and Subjective Severity and Impact Among Patients Diagnosed with Non-Small Cell Lung Cancer (NSCLC), Renal Cell Cancer (RCC), Colorectal Cancer (CRC), and Metastatic Melanoma

Presenting Author: Sari Hopson
Co-Authors: Youbei Lou // Brian Dreyfus

A-032 – REMS Registries: The Role They Play & How They Operate

Presenting Author: Tiffany Dominic, PharmD
Co-Authors: Gita A. Toyserkani, PharmD, MBA
Suzanne Robottom, PharmD

A-034 – Long-Term Safety of Fingolimod in Multiple Sclerosis: A Scoping Review of Randomized Controlled Trial and Real-World Studies

Presenting Author: Javeria Khalid, PharmD, MPhil
Co-Authors: Jieni Li, PhD, MPH // Sourab Ganna, PharmD
Yinan Huang, PhD, MS // Rajender Aparasu, PhD

BIOLOGICS / BIOSIMILARS

A-042 – Faricimab Usage in Neovascular Retinal Diseases: Real-World Data on Patient Demographics, Comorbidities, and Treatment Patterns
Presenting Author: Wan-Ju Annabelle Lee, MD, PhD
Co-Authors: Daniel Hsiang-Te Tsai
Shih-Chieh Shao, PhD // Edward Chia-Cheng Lai, PhD

A-043 – Janus Kinase Inhibitors with the Risk of Hepatic and Renal Risks: A Nationwide Cohort Study with Active Comparator Design
Presenting Author: Ko-Shan Hsu
Co-Authors: Sheng-Yin To, PhD Candidate
Yi-Hsien Chen, MD // Hui-Wen Yang, MS, PhD Candidate
Yuan-Liang Wen, MS, PhD Candidate // Li-Ting Kao, PhD

A-044 – Biologic Therapy and All-Cause Cancer Risk in Patients with Inflammatory Bowel Disease: A Nested Case-Control study
Presenting Author: Ju Won Lee
Co-Authors: Jeongkuk Seo // Sun-Young Jung
Chang Hwan Choi

BRACE

A-047 – Regulatory Flexibility in Drug Approval: A Comparative Analysis of U.S. Accelerated Approval and China’s Imported Drug Approval
Presenting Author: Guanqiao Li
Co-Authors: Aaron S. Kesselheim
G. Caleb Alexander, MD, MS // Xiangyun Mao

A-048 – Dupilumab Demonstrates a Higher Benefit-risk Score Compared with Upadacitinib: A Structured Benefit-Risk Assessment of the HEADS UP Trial
Presenting Author: William J. Hurst, PhD
Co-Authors: Andrew Blauvelt // Eric Simpson
Kilian Eyerich // Marjolein de Bruin-Weller
Sebastien Barbarot // Peter Lio
Stéphanie Tcherny-Lessenot
Stephane Levy // Mike Bastian

CANCER

A-049 – Prevalence Predictive Modelling of HER2 Status in Non-Small Cell Lung Cancer in Large Multicenter Data Using Machine Learning Approach and Application to SEER: A Pilot Test
Presenting Author: Garima Mittal
Co-Authors: Soko Setoguchi // Benjamin Bates, MD
Jiang Bian // Ruoqi Wei // Sarah Bost // Kathryn Rowling

A-050 – Association of Glucagon-Like Peptide 1 Receptor Agonists with Cancer Risk in Older Adults with Type 2 Diabetes: A Target Trial Emulation Study
Presenting Author: Ying Lu
Co-Authors: Hao Dai // Huilin Tang // William Donahoo
Thomas J. George // Yi Guo // Jingchuan Guo // Jiang Bian

A-045 – Indication-Specific Market Share Dynamics of Biosimilars and Originators: A Focus on the TNF-α Inhibitor Market in South Korea
Presenting Author: Ju Yeon Park
Co-Author: Song hee Hong

A-046 – A Study of Granulocyte-Colony Stimulating Factor (G-CSF) Reference and Biosimilar Products using Real World Data to Emulate a Target Trial for Switching: A Biologics and Biosimilars Collective Intelligence Consortium Experience
Presenting Author: Pamala A. Pawloski, PharmD
Co-Authors: Djeneba Audrey Djibo, PhD
Stephen E. Asche, MA // Terese A. DeFor, MS
Scott Myers, MBA // Xi Wang, PhD
Catherine M. Lockhart, PharmD, PhD

DATABASES FOR PHARMACOEPIDEMIOLOGICAL RESEARCH

A-055 – A Feasibility Study of Identifying Patients with Chlamydial Infections in a U.S. Claims-Based Database
Presenting Author: Kexin Zhu, PhD
Co-Authors: Hosn Nabaa, PharmD, MPharm, MPH
Sandra S. Chaves, MD // Valerie Bosch Castells, MPH
Venkatesh Harikrishnan, MS // Konstantin Kozmenko, MD
Lin Li, MD, PhD

A-056 – The Association Between Long-Term Outdoor Air Pollution Exposure and Inhaler Prescriptions in General Practices in England
Presenting Author: Bo-Sheng Wu
Co-Authors: Teng-Chou Chen

A-057 – A Course of Medication in Patients with Rheumatoid Arthritis and Their Comorbidities in Japan: A Descriptive Analysis Using Japanese Claims Data
Presenting Author: Kenji Hamada, MSc
Co-Authors: Kaiwei Yan // Michihiko Hirano
Michael James Hart // Seok-Won Kim // Sven Demiya

DISEASE EPIDEMIOLOGY / CLINICAL COURSE / CANCER

A-074 – Interventions for Improving the Uptake of Preventive Medication Treatments for Breast Cancer: A Systematic Review
Presenting Author: Sara K. Jaradat, MS
Co-Authors: Jingjing Qian, PhD

DRUG EFFECTIVENESS

A-075 – Comparative Effectiveness and Safety of Fixed-Dose Combination Inhaled Triple Therapies in Patients with Chronic Obstructive Pulmonary Disease: A Population-Based Cohort Study
Presenting Author: Ming-Ching Chen, BS
Co-Authors: Yaa-Hui Dong, PhD // Sheng-Wei Pan, MD, PhD
Chun-Yu Chen, MS // Hiraku Kumamaru, MD, ScD

A-076 – Continuation Versus Discontinuation of SGLT2is and Cardiorenal Outcomes Among Patients with Type 2 Diabetes and Chronic Kidney Disease: A Nationwide Cohort Study with a Target Trial Emulation Framework
Presenting Author: Darren Toh, ScD
Co-Authors: Yaa-Hui Dong, PhD
Chia-Hsuin Chang, MD, ScD // Li-Chiu Wu, MS

A-077 – Association Between Early Methadone Dose Titration and Opioid Toxicity and Discontinuation: A Population-Based Cohort Study
Presenting Author: Ria Garg
Co-Authors: Jin Luo // Tony Antoniou // Nikki Bozinoff
Beth Sproule // Tara Gomes

A-078 – Comparative Effectiveness of GLP-1 Receptor Agonists and SGLT2 Inhibitors in Heart Failure with Preserved Ejection Fraction: A Network Meta-Analysis
Presenting Author: Huilin Tang
Co-Authors: Bingyu Zhang // Yiwu Lu
Ting Zhou // Yong Chen

A-080 – Real-world Effectiveness of GLP-1RA for New-Onset Pan Cancer Outcomes: A Debiased Target Trial Emulation Study on Penn EHR Study
Presenting Author: Dazheng Zhang
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A-081 – Effect of Orlistat on Bodyweight Among Adults With Overweight or Obesity Without Diabetes: Emulation of a Target Trial Using U.K. Electronic Medical Records
Presenting Author: Franziska S. Ulrich
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A-082 – Impact of New Antidiabetic Medications on Weight Loss in People with HIV
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Joseph A. C. Delaney // Sherif Eltonsy

A-083 – Real-world Effectiveness of Interleukin-6 Receptor Inhibitors Compared to Methotrexate in Steroid-refractory Frail Patients with Polymyalgia Rheumatica
Presenting Author: Jeffrey R. Curtis
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A-084 – Effectiveness and Safety of Vortioxetine Versus Other Antidepressants in Patients with Major Depression Disorder
Presenting Author: Miyuki Hsing-Chun Hsieh, PhD
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A-085 – Association Between Metformin Use and Mortality Among Individuals With Non-Small Cell Lung Cancer Receiving Immune Checkpoint Inhibitors: A Retrospective Cohort Study
Presenting Author: Xinyi Sun, BS
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A-086 – Weight Changes from Glucagon-Like Peptide-1 Receptor Agonist (GLP-1) Use and Discontinuation: A Retrospective Cohort Study of Electronic Health Records
Presenting Author: Hemalkumar B. Mehta, PhD, MS
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A-087 – Effect of Glucagon-Like Peptide-1 Receptor Agonists (GLP-1 RAs) in Alcohol Use Disorder: A Retrospective Cohort Study Using Electronic Health Records
Presenting Author: Hemalkumar B. Mehta, PhD, MS
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A-088 – Sodium-Glucose Cotransporter-2 Inhibitors and Risk of Autoimmune Rheumatic Diseases: A Population-Based Cohort Study
Presenting Author: Bin Hong
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Dong Keon Yeon // Ju-Young Shin, PharmD, PhD

A-089 – Risk of Obstructive Sleep Apnea Associated with the Use of SGLT2 Inhibitors in Patients with Type 2 Diabetes: A Nationwide Cohort Study
Presenting Author: Hwa Yeon Ko, PharmD
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A-090 – Effectiveness and Waning of the Fourth Dose mRNA COVID-19 Vaccines for the Prevention of Severe COVID-19 Related Outcomes
Presenting Author: Martí Català
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A-091 – Long-Term Effects of Symptomatic Treatments in Alzheimer's Disease and Related Dementias

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A-092 – Vitamin K Antagonists And Direct Oral Anticoagulants Are Equal For Recurrent Venous Thromboembolism Prevention In Patients With Anorexia Nervosa: A Nationwide Cohort Study

Presenting Author: Julie R. Krumborg, MD
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A-093 – Comparative Safety and Effectiveness of Apixaban and Rivaroxaban for Treatment of Cancer – Associated Venous Thromboembolism: A Retrospective Cohort Study

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A-094 – Efficacy of SodiumGlucose Co-Transporter2 Inhibitors in Patients with Heart Failure: An Open Labelled Randomized Study

Presenting Author: Raghava Kalyan Maddukuri

A-095 – Efficacy and Safety of APOC3-Targeting Therapies, Olezarsen and Plozasiran in Severe Hypertriglyceridemia: A Meta-Analysis of Randomized Controlled Trials

Presenting Author: Xiaowei Chen
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Houyu Zhao // Yexiang Sun // Hongbo Lin
Peng Shen // Siyan Zhan, PhD, MD // Feng Sun

A-096 – The Association Between Angiotensin-Converting Enzyme Inhibitors And The Risk Of Diabetic Retinopathy In Patients With Type 2 Diabetes: A Population-Based Real World Study

Presenting Author: Xiaowei Chen
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Peng Shen // Siyan Zhan, PhD, MD // Feng Sun

A-097 – Comparative Effectiveness of Etelcalcetide Versus Cinacalcet for the Treatment of Secondary Hyperparathyroidism in Patients in Haemodialysis: A Population-Based Study in Lazio, Italy

Presenting Author: Ursula Kirchmayer, MPH, FISPE
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Sandro Feriozzi, MD, Prof // Carlo Massimetti, MD
Micol Manzuoli, MD // Antonio Addis // Claudia Marino

A-098 – Glucagon-Like Peptide-1 Receptor Agonists for the Prevention of Genitourinary Cancers: A Systematic Review of Observational Studies

Presenting Author: Sabrina Laredo
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A-099 – Effectiveness of an Intravenous Amino Acid Treatment on Outcomes in Sepsis: A Nationwide Population-Based Cohort Study

Presenting Author: Yumi Kim
Co-Author: Nakyung Jeon

A-100 – Comparative Effectiveness of Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers on Cardiovascular Outcomes in Older Adults with Type 2 Diabetes Mellitus: A Target Trial Emulation Study

Presenting Author: Weihong Zeng
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A-101 – Salient Features and Related Variables with the Possibility of Initial Antidepressant Modification: A Prospective Study in a Tertiary-Care Teaching Hospital in India

Presenting Author: Biswadeep Das
Co-Author: Vikram Singh Rawat

A-102 – Addressing Methodological Challenges in Estimating Treatment Effects Using External Controls in Rare Disease Clinical Trials When Controls Cross Over to Open Label Treatment

Presenting Author: Emily J. Peach, PhD
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Olga Volodina, MD, MSc // Leila Karimi, MD, PhD
Alind Gupta // Grace Hsu // Andrew Cooper, PhD

A-103 – Comparative Efficacy and Safety of CFTR Modulators for People with Cystic Fibrosis with Phe508del Mutation: A Systematic Review and Bayesian Network Meta-Analysis

Presenting Author: Mohammed Safeer V.S.
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A-104 – Heterogeneity of Treatment Effects of Glucagon-Like Peptide-1 Receptor Agonists (GLP-1 RA's) for Weight Loss Among Adults: A Systematic Review and Meta-Analysis of Randomized Trials

Presenting Author: Xuya Xiao
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A-105 – Transporting the Effects of Lung Cancer Screening from the National Lung Screening Trial (NLST) to a Nationally Representative U.S. Screening-Eligible Population

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A-106 – Heterogeneity of Treatment Effects of Glucagon-Like Peptide-1 Receptor Agonists (GLP-1) on Weight Loss: A Retrospective Cohort Study

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A-107 – Glucagon-like Peptide-1 Receptor Agonists and Reduced Risk of New-Onset Atopic Dermatitis in Patients with Type 2 Diabetes: A Nationwide, Active-Comparator Study

Presenting Author: Hui-Wen Yang, MS, PhD
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A-108 – Impact of Treatment Sequencing, and Age on Survival in Metastatic Castration-Resistant Prostate Cancer: A National Health Insurance Database Study

Presenting Author: YUHSUAN SHAO
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A-109 – Effectiveness and Tolerability of Cannabidiol in Children with Drug-Resistant Epilepsy: A Real-world Multicentric Ambispective Study in India

Presenting Author: Akanksha Singh
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A-110 – Risk of Hepatocellular Carcinoma after Kidney Transplantation in Patients with End-Stage Renal Disease: A Population-based Cohort Study Using Multi-Institutional Electronic Health Records

Presenting Author: Kevin Yi-Chen Liao
Co-Authors: Daniel Hsiang-Te Tsai
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A-111 – Efficacy and Safety of Pharmacological Interventions for Pulmonary Arterial Hypertension (PAH): A Systematic Review and Network Meta-Analysis (NMA) of Randomized Controlled Trials (RCTs)

Presenting Author: Kotakonda Sudha Rani
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A-112 – Direct Oral Anticoagulants and Incidence of Dementia in Patients with Nonvalvular Atrial Fibrillation

Presenting Author: Julien Quang Le Van, BPharm, MSc
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Jason Robert Guertin, PhD // Jean-Francois Boivin, MD, PhD
Christel Renoux, MD, PhD

A-113 – Dosage Adjustment Pattern of Renin-Angiotensin System Inhibitors in Heart Failure Patients with Severe Renal Dysfunction: A Nationwide Cohort

Presenting Author: Wei-Ming Huang, PharmD
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Chien-Yu Tseng, PharmD

A-114 – Effects of Different Sedation Regimens on Mortality in Post-Cardiac Surgery Patients: A Target Trial Emulation Study

Presenting Author: Xiaonan Lin
Co-Authors: Xuan Yin // Siyu Kong // Lihai Chen
Junrong Zhu // Jifang Zhou

A-115 – Impact of 5-Alpha Reductase Inhibitors (5-ARIs) in Prostate Cancer Risk Reduction in Patients with Negative Prostate Biopsy: A Systematic Review and Meta-Analysis

Presenting Author: Yogish L
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A-116 – Efficacy and Safety of PI3K/Akt/mTOR Inhibitors Combined with Taxane Therapy for Treatment of Breast Cancer: A Systematic Review and Meta-Analysis

Presenting Author: Nimmala Bhargavi
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A-117 – Comparison of the Hypocalcemia Risk Between Denosumab and Bisphosphonates in Patients with Osteoporosis and CKD – A Target Trial Emulation Study Using Multi-Institutional Electronic Health Records

Presenting Author: Leo Kuen-Lin Wu
Co-Authors: Kevin Yi-Chen Liao // Daniel Hsiang-Te Tsai
Edward Chia-Cheng Lai, PhD

A-118 – Comparative Efficacy and Safety of Acalabrutinib Monotherapy in Chronic Lymphocytic Leukemia: A Systematic Review and Meta-Analysis

Presenting Author: Muhammed Favas K.T.
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A-119 – Real-World Effectiveness of Low-Dose Nivolumab Plus Triple Metronomic Chemotherapy in Recurrent/Metastatic HNSCC: A Pragmatic Approach for Resource-Limited Settings

Presenting Author: Avinash Khadela, PhD
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A-120 – Association of SGLT2 Inhibitors and GLP-1 Receptor Agonists with the Risk of Parkinson's Disease in Patients with Type 2 Diabetes: A Propensity Score-Matched Cohort Study

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A-121 – Real-World Effectiveness of Ravulizumab in Adults with aHUS Who Switched to Ravulizumab Within 3 Months of Eculizumab Treatment (aHUS IMPACT)

Presenting Author: Mei Sheng Duh
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A-122 – The Effectiveness of HPV Vaccination in Women Younger Than 18 Years Old to Prevent HPV-Related Pre-Cancerous Lesions and Cancers: A U.K. Population-Based Cohort Study

Presenting Author: Aina Sanchez-Parada
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A-123 – A Comparative Efficacy of Anti-Fibrotic Drugs on NASH: A Systematic Review and Network Meta-Analysis

Presenting Author: Arti Patil, M. Pharm
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A-124 – Evaluating Effectiveness of Ibalizumab Among Highly Treatment Experienced People with Hiv: An Externally Controlled Trial

Presenting Author: Laurence Brunet, PhD
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A-125 – Impact of GLP-1 Receptor Agonists versus DPP-4 Inhibitors and SGLT-2 Inhibitors on Asthma Exacerbations Among Individuals with Asthma and Type 2 Diabetes: A Target Trial Emulation Study

Presenting Author: Lijuan Zeng, MHS
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A-126 – GLP-1 Receptor Agonists and Risk of Osteoarthritis Among Patients with Type 2 Diabetes: A Population-Based Cohort Study

Presenting Author: Minjeong Jeon, PharmD
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Ju-Young Shin, PharmD, PhD

A-127 – Comparative 1-Year Survival Among Hypertensive Alzheimer's Disease Patients Receiving Donepezil Versus Memantine: A Target Trial Emulation Study

Presenting Author: Omar E. Hegazi, BPharm, MSc
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A-128 – Prevalence And Factors of Erythropoietin Hyporesponsiveness in Chronic Kidney Disease Patients Undergoing Hemodialysis at a Public Sector Tertiary Care Teaching Hospital in Kerala: A Cross-Sectional Study

Presenting Author: Malavika Suresh, PharmD
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A-129 – Sex Differences in the Comparative Effectiveness of Second-Line Antidiabetic Medications at Preventing Cardiovascular Outcomes

Presenting Author: Mia Harley, MSc
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A-130 – Prevalence of Drug-Gene Interactions Following Acute Myocardial Infarction: An Observational Study Using Data from the U.K. Biobank

Presenting Author: Andrew Thompson, PhD
Co-Authors: Loukas Zagkos, PhD // Benjamin Bray, MD

A-131 – Medications with Anti-Inflammatory Mechanisms and Risk of Non-Small Cell Lung Cancer (NSCLC): A Population-Based Case-Control Study in the U.S. Using SEER-Medicare Data

Presenting Author: Lu Chen
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A-132 – Comparative Effectiveness of Empagliflozin and Dapagliflozin in Patients with Heart Failure Without Diabetes: A Real-World Analysis

Presenting Author: Munaza Riaz, PhD, PharmD
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A-133 – Decreased Risk of Clinical Gallstone Disease in New-Users of Statins

Presenting Author: Bhargav Vemulapalli, BA
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Mayur Narayan, MD, MPH, MBA, MHPE // Jason Roy, PhD
Tobias Gerhard, PhD // Brian L. Strom, MD, MPH
Gregory L. Peck, DO

A-134 – Increased Risk of Clinical Gallstone Disease in New-Users of Calcium Channel Blockers

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Gregory L. Peck, DO

A-135 – Impact of Immune-Modulating Treatment on Progression from Mild Cognitive Impairment to Alzheimer's Disease: A U.S. Administrative Healthcare Claims Cohort Study

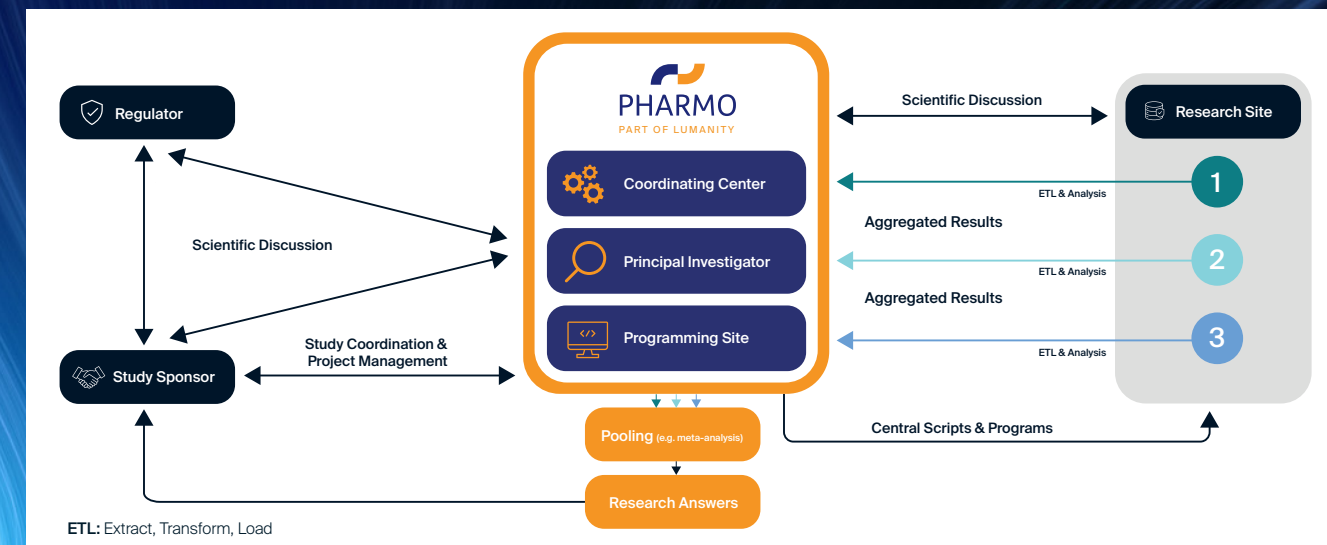
Presenting Author: Jacqueline Lucia, MPH
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A-136 – Comparison Of Tamsulosin and Dutasteride Combination Versus Silodosin and Dutasteride Combination in Patients with Benign Prostatic Hyperplasia

Presenting Author: Muhammed Fairoos Fairoos A.

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DRUG UTILIZATION RESEARCH / QUALITY USE OF MEDICINES
INCLUDING INDICATORS & GUIDELINES

A-137 – Prevalence and prescribing patterns of stress ulcer prophylaxis pharmacotherapy in China: A multi-center, prospective study
Presenting Author: Hailong Li
Co-Authors: Lingli Zhang // Linan Zeng

A-138 – Anticoagulation Therapy for Non-valvular Atrial Fibrillation in China, 2010-2022
Presenting Author: Kexin Ling
Co-Authors: Mengyuan Fu, PhD // Luwen Shi
Xiaodong Guan

A-139 – Recurrent Urinary Tract Infections and Long-Term Antibiotic Use During Pregnancy in Publicly and Commercially Insured U.S. Populations
Presenting Author: Gauri Bhatkhande
Co-Authors: Kelly Fung // Malavika Prabhu, MD
Timothy Savage, MD, MPH, MSc // Krista Huybrechts
Sonia Hernández-Díaz // Brian Bateman
Seanna Vine // Yanmin Zhu, MS, PhD

A-140 – Prescribing Cascades Potentially Associated with Harms in Long-term Care: A Prescription Sequence Symmetry Analysis
Presenting Author: Gillian E. Caughey, PhD
Co-Authors: Craig Hansen // Lisa Kalisch Ellett
Tracy Air // Maria Inacio

A-141 – Contribution to the Development of the ATC/DDD Classification System from Italian Working Group on DDD: Assigning a Defined Daily Dose (DDD) to Anti-Angiogenic Drugs (ATC S01LA)
Presenting Author: Ursula Kirchmayer, MPH, FISPE
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Michele Ercolani // Martina Zanforlini // Valeria Belleudi
Marco Finocchietti // Francesco Barone Adesi
Elisabetta Poluzzi // Giuseppe Roberto

A-142 – Prescribing Patterns, Polypharmacy, and Drug-Drug Interactions Among People Living with HIV in Australia: Insights Using National Medication Dispensing Data
Presenting Author: Raul Gerad Spink, BBiomedSc (Honours)
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A-143 – Bias in Pharmacoepidemiological Studies of Parkinson's Disease Prescribing Patterns: A Systematic Review
Presenting Author: Khalid Orayj

ENVIRONMENTAL PHARMACOEPIDEMIOLOGY

A-144 – The Effect of Heat on The Heart Failure Exacerbation Caused by Alpha-blockers
Presenting Author: Shu-Ping Huang
Co-Authors: Melanie Rua // Soko Setoguchi // Yea-Huei Kao Yang

GERIATRIC PHARMACOEPIDEMIOLOGY

A-145 – The Comparative Risk of Diagnosed Depression Among Older Men with Metastatic Castration Resistant Prostate Cancer Initiating Enzalutamide Versus Abiraterone
Presenting Author: Charles E. Gaber, PhD, MPH
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A-146 – Development of Model for Predicting Early Mortality in Older Cancer Patients Treated with Chemotherapy
Presenting Author: Yan Lu, MPH, MBBS
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A-147 – Cardiovascular, Kidney, and Safety Outcomes following GLP-1 Receptor Agonist initiation in Adults with Alzheimer's Disease and Related Dementias: A Target Trial Emulation Study
Presenting Author: Huilin Tang
Co-Authors: Ting Zhou // Bingyu Zhang // Dazheng Zhang
Yiwen Lu // Jiajie Chen // Yong Chen

A-148 – Differences in the Prevalence of Diagnosis Code Groups for Comorbidities Using Medicare Advantage Encounter Data and Fee-For-Service Claims
Presenting Author: Emilie D. Duchesneau, PhD
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Til Stürmer, MD, PhD // Amresh Hanchate, PhD
Dae Hyun Kim, MD, ScD // Michael Webster-Clark
Meng-Yun Lin // Jennifer L. Lund, PhD, MSPH

A-149 – Comparing Cancer Screening Prevalence Among Older Adults in Medicare Advantage Encounter Data and Fee-for-Service Claims
Presenting Author: Elyse Miller
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Amresh Hanchate, PhD // Dae Hyun Kim, MD, ScD
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A-152 – Costs and Lost Time for Employees whose Spouses have Dementia and/or Alzheimer's Disease and Patient Direct Costs
Presenting Author: Richard A. Brook, N/A, MS, MBA
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A-153 – The Association Between Metformin-Based Regimens and Cognitive Performance in Participants with Type2 Diabetes in the U.K. Biobank
Presenting Author: Yuan tian
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A-154 – Predicting Response to Mono and Dual Antidementia Pharmacotherapy Among Nursing Home Residents
Presenting Author: Matthew Alcusky
Co-Authors: Jonggyu Baek, PhD // Brian R. Ott // Jennifer Tjia
Carl Hollins // Kate L. Lapane, PhD

A-155 – Effect of Statin Discontinuation on Mortality Among Older Adults with and Without Cardiovascular Disease
Presenting Author: Qoua Her, PharmD, MSc
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Michele Jonsson Funk, PhD // Michael Webster-Clark

A-156 – Prescription and Non-Prescription Medication Use Before and After a Herpes Zoster Diagnosis Among Nursing Home Residents in the United States
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A-157 – Psychotropic Medication Prescribing Among Older Adults Before and After Dementia Diagnosis: A Retrospective Study in Yinzhou, China
Presenting Author: Can Li, MS
Co-Authors: Mengyuan Fu, PhD // Luwen Shi
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A-158 – Patterns of Long-Term Bisphosphonate Use and Drug Holiday Among U.S. Medicare Beneficiaries
Presenting Author: Yalin Deng, PharmD
Co-Authors: Suzanne Cadarette // Sulbh Aggarwal
Michael Adegboye // Kaleen N. Hayes, PharmD, PhD

A-159 – Relationship Between Sociodemographic Factors and Discontinuation of High-Risk Long-Term Medication in U.S. Older Adults
Presenting Author: Julie Lauffenburger
Co-Author: Katharina Tabea Jungo

A-160 – Antidepressant Use Among U.S. Nursing Home Residents with ADRD in 2018
Presenting Author: Shiwei Liang
Co-Author: Kate L. Lapane, PhD // Anne Hume, PharmD
Brian R. Ott // Jonggyu Baek, PhD
Yiyang Yuan // Matthew Alcusky

A-161 – Hospital Admissions Due to Adverse Drug Reactions and Adverse Drug Events in Older Adults: A Systematic Review
Presenting Author:
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Iman Faez, MB Bch BAO // Caitriona Cahir, PhD
David J. Williams, MB BAO BCh BSc (Pharm) FRCPI FRCPE PhD

A-162 – Prospective Validation of the Adverse Drug Reactions in an Ageing Population Risk Prediction (ADAPTiP) tool and Comparison with Previously Described Risk Prediction Tools: Study Protocol
Presenting Author:
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MEDICATIONS IN PREGNANCY & LACTATION (MIPAL)

A-170 – Benzodiazepines Initiation During Pregnancy and the Risk of Adverse Neonatal Outcomes
Presenting Author: Ahhyung Choi
Co-Authors: Brian Bateman // Sonia Hernández-Díaz
Chih-Wan Grace Lin // Loreen Straub
Yanmin Zhu, MS, PhD // Seanna Vine
Krista Huybrechts

A-171 – Comparative Risk of Preterm Birth Among Pregnant Individuals Treated for Urinary Tract Infection with Different Antibiotics
Presenting Author: Anne M. Butler, PhD, MS
Co-Authors: Katelin B. Nickel, MPH
Susan M. Shortreed, PhD, MS // Michael J. Durkin, MD, MPH
Paige D. Wartko, PhD, MPH // Ryan Colvin, MPH
John M. Sahrman, MA // Dustin Stwalley, MA
Sarah S. Osmundson, MD, MS

METHODS IN PHARMACOEPIDEMIOLOGY / ANALYTICAL METHODS

A-172 – Iterative Causal Survival Forest: A Novel Subgrouping Algorithm for Survival Data Allowing for Censoring

Presenting Author: Tiansheng Wang, PharmD, PhD
Co-Authors: Erik Sverdrup // Yang Xu
Jessie K. Edwards, PhD // John Buse, MD, PhD
Michael Kosorok // Til Stürmer, MD, PhD // Yifan Cui

A-173 – Recalculating Propensity Score or Not for Subgroup Analysis in Propensity Score Matching and Inverse Probability of Treatment Weighting: A Monte Carlo Simulation Study

Presenting Author: Michael, Chun-Yuan Cheng
Co-Authors: Edward Chia-Cheng Lai, PhD
Chris, Tzu-Ting Su, PharmD // Brian, Meng-Hsun Li
Avery Shuei-He Yang, MCLinPharm

A-174 – Evaluating the Robustness of Propensity Score Methods in Survival Analysis Under Sample Size Imbalance: A Monte Carlo Simulation

Presenting Author: Michael, Chun-Yuan Cheng
Co-Authors: Chris, Tzu-Ting Su, PharmD
Edward Chia-Cheng Lai, PhD // Daniel Hsiang-Te Tsai

A-175 – Interpretable Machine Learning Models: Describing Treatment Patterns of Healthcare Providers Selecting Rheumatoid Arthritis Therapies to Evaluate Treatment Policies

Presenting Author: Heather Litman
Co-Authors: Anton Matsson // Yaochen Rao // Jinming Wei
Zachary R. Margolin, M.S // Leslie Harrold, MD, MPH
Fredrik Johansson

A-176 – Performance of Machine Learning Predictions of Overall Survival After Multiple Imputations for Features Based on Absolute Non-Missing Degrees

Presenting Author: Hoa Le

A-177 – An Alternative to Non-Responder Imputation for Study Participants with Missing Outcomes in Single-Arm Drug Effectiveness Studies: A Case Study in the CorEvitas Psoriasis Registry

Presenting Author: Oksana Pugach, MS, PhD
Co-Authors: Michael Singleton, PhD // Wanyi Chen
Robert R. McLean // Nicole Middaugh
Heather Litman // Leslie Harrold, MD, MPH

A-178 – The Association Between Fibrate Use and the Risk of Diabetic Peripheral Vascular Disease in Patients with Type 2 Diabetes Mellitus: A Nested Case-Control Study

Presenting Author: Lijia Liu
Co-Authors: Xiaowei Chen // Yexian Yu // Meng Zhang
Houyu Zhao // Yexiang Sun // Hongbo Lin
Peng Shen // Siyan Zhan, PhD, MD // Feng Sun

A-179 – Transfer Learning Strategies for Addressing Class Imbalance in Drug Adverse Reaction Prediction: Simulation and Empirical Analysis

Presenting Author: Xianglong Meng
Co-Authors: Yuelin Yu // Yutong Wang // Siyan Zhan, PhD, MD
Baosheng Liang // Shengfeng Wang

A-180 – Machine Learning Methods for Predicting Adverse Drug Events: A Systematic Review

Presenting Author: Flory T. Muanda
Co-Authors: Niaz Chalabianloo // Fatemeh Ahmadi
Mohammad Ali Omrani // Sheikh Shaugat Abdullah
Neda Rostamzadeh // Atefeh Jafari // Lujain Ez Eddin
Kamran Sedig

A-181 – Explainable Artificial Intelligence for Predicting Chemotherapy Toxicity: A Machine Learning Approach Using Pooled Clinical Trial Data

Presenting Author: Tien Tran, PharmD, MPH
Co-Author: Zafar Zafari, MS, PhD

A-182 – Validity of High-Throughput Pharmacoepidemiologic Methods Using Electronic Healthcare Databases for Drug Repurposing Research: Application to Systemic Lupus Erythematosus

Presenting Author: Yola Moride, PhD FISPE
Co-Authors: Yann Hamon // Albert Buchard, MD, MSc
Lucien Abenhaim // Lamiae Grimaldi, PharmD, PhD

A-183 – Why We Should Be Prioritizing the Average Treatment Effect on the Treated Over Other Estimands When Evaluating Medical Product Safety

Presenting Author: Guy Cafri

A-184 – Potential for Extreme Bias Due to Outcome Misclassification in Relative Measures of Effect for Rare Time-to-Event Outcomes

Presenting Author: Guy Cafri
Co-Authors: Peter Austin
Joshua Gagne, PharmD, ScD, FISPE

A-185 – Evaluating Sequence Symmetry Analysis Across Six European Healthcare Databases

Presenting Author: Xihang Chen, MMath
Co-Authors: Yuchen Guo // Berta Raventós, PhD // Ty Stanford
Mike Du // Xintong Li // Amy Lam // Núria Mercadé-Besora
Marta Alcalde-Herraiz // Kim López-Güell
Antonella Delmestri, PhD // Wai Yi Man
Daniel Prieto-Alhambra // Edward Burn // Martí Català
Nicole Pratt, PhD // Annika Jodicke // Danielle Newby

A-187 – Using a Random Slope Model to Evaluate the Association Between Initial High/Low Opioid Dosage and Kidney Function Change Over One Year Post-Surgical Discharge

Presenting Author:
Yu-Chia (Sam) Hsu, BPharm, MSc, PharmD, PhD
Co-Authors: Paul Drawz, MD, MHS, MS // Joel Farley, PhD
Rui Zhang, PhD, FAMIA
Wendy St. Peter, PharmD, FCCP, FASN, FNKF

A-188 – Group-Based Trajectory Models to Identify Potential Reasons for Treatment Switch Among Patients with Neovascular Age-Related Macular Degeneration (nAMD)

Presenting Author: Dana Murdock
Co-Authors: Keran Moll // Steven Sherman
Jessica J. Jalbert

A-189 – Studying When to Add Biological Therapy to Cytotoxic Therapy in Advanced Cancer Care Using Real World Data (RWD): Challenges and Solutions to Avoid Biases that Generate Immortal Time

Presenting Author: Xabier García de Albéniz
Co-Authors: Julia Vila-Guilera // Manuel Zamparini
Helena Oliveres // Jaime Feliu // Ana Fernandez-Montes
Elisa Galvez-Munoz // Ana Ruiz-Casado // Jorge Aparicio
Julia Alcaide-Garcia // Javier Gallego Plazas
Rosa Gallego-Sanchez // Monica Guillot
Ruben Leno // Joan Maurel

A-190 – Using Causal Trees to Explore the Heterogeneity of Effects

Presenting Author: Eleonore Herquelot, PhD
Co-Authors: Alice Brouquet, MD // Aurélie Schmidt, MD

A-191 – Healthcare Resource Utilization Disruptions During the COVID-19 Era and Methodological Considerations: A Review

Presenting Author: Wendy Y. Cheng, PhD, MPH
Co-Authors: Yinong Liang, PhD // Keziah Cook, PhD

METHODS IN PHARMACOEPIDEMIOLOGY / CLINICAL TRIAL METHODOLOGY

A-196 – Clinical Trials with Real-World Pragmatic Elements: A Scoping Review of Use Cases

Presenting Author: Le Su
Co-Authors: Lei Chen // Seema Betigeri // Nancy Dreyer
Helga Gardarsdottir // Rachele Hendricks-Sturup
Mehmet Burcu, PhD

A-197 – Linkage of Clinical Trial Data to Real-World Data (RWD) Sources: A Scoping Review

Presenting Author: Mehdi NajafZadeh, PhD
Co-Authors: Ana Oromendia, PhD // Mehmet Burcu, PhD
Ben Mcconnochie, MSc // Ella Kim // Thomas Vaccaro
Elisabetta Patorno, MD, DrPH

A-192 – Fostering Creativity in AI: Insights from a Datathon Tackling HIV Screening Challenges

Presenting Author: Ching-Yi Chuo
Co-Authors: Bryan Tor // Shikai Jin // Li Tao // Linda Chen
Bruce Kreter // Jeremy Zhang

A-193 – Exploring Methods for Identifying Heterogenous Treatment Effects (HTEs) for Second-Line Type 2 Diabetes Medications and Cardiovascular Outcomes

Presenting Author: Mia Harley, MSc
Co-Authors: Christopher T. Rentsch, PhD, FISPE
Rohini Mathur, PhD // Elizabeth Williamson, PhD

A-194 – Intercurrent Events in Estimands: Where RWE Meets RCTs

Presenting Author: Jessica Bolstad, MS, PhD
Co-Author: Katja M. Hakkarainen

A-195 – Estimating Artificial Censoring Weights for Clone Sensor Weighting Studies: Techniques and Lessons Learned

Presenting Author: David Pritchard

A-198 – Use of International Classification of Functioning, Disability and Health in Randomized Control Trials in Rheumatoid Arthritis: A Scoping Review

Presenting Author: Adrian Martinez-De la Torre, PhD
Co-Authors: Polina Leshetkina // Roxanne Maritz
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METHODS IN PHARMACOEPIDEMIOLOGY / OTHER

A-199 – 10 Practical Considerations for the Conduct of Multinational Studies in Pharmacoepidemiology

Presenting Author: Kenneth Man
Co-Author: Anton Pottegård

A-200 – Strengthening Inferential Studies in the U.S. FDA Sentinel Initiative: Results from a Methodological Demonstration Project

Presenting Author: Rishi Desai, MS, PhD
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Elisabetta Patorno, MD, DrPH
Sebastian Schneeweiss, MD, ScD // Ryan Schoeplein, MPH

A-201 – An Evidence Base to Support the Establishment of a Fit-for-Purpose Quality Management System for Secondary Data Pharmacoepidemiological Studies

Presenting Author: Susan A. Oliveria, ScD, MPH, FISPE
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A-202 – Active Safety Surveillance Using Real-World Evidence (ASSURE) Implementation: Transparent and Reproducible Real-World Evidence (RWE) Standardized Framework to Support Safety Signal Evaluation

Presenting Author: Kevin Haynes, PharmD, MSCE
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Emily Yost // Valerie Van Baalen
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A-203 – Evaluating Result Consistency of OMOP and Sentinel Common Data Models: A Case Study of Hospitalized Atherosclerotic Cardiovascular Disease Patients in Taiwan

Presenting Author: Chin-Yao Shen
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A-204 – Clearing Real-World Data Quality Hurdles: Characterizing Quality Attributes of the Guardian Research Network in the Context of Regulatory Submission

Presenting Author: Julien Heidt, MS
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A-205 – Electronic Health Record (EHR) Enhanced Signal Detection Using Tree-Based Scan Statistic Methods

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A-206 – Assessing Core Competencies in Pharmacoepidemiology Training Programs: A Global Needs Assessment

Presenting Author: Amie Goodin, PhD
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A-207 – Epidemiologic Challenges in Using Claims Data to Study Opioid Use Disorder Treatment Trajectories

Presenting Author: Danya M. Qato, PhD, PharmD, MPH
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A-208 – Development and Validation of a Modern Prescription-Based Risk Score Predicting Healthcare Spending and Utilization

Presenting Authors:
Sydney Lewis // Hemalkumar B. Mehta, PhD, MS
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A-209 – Developing Validation Tool for Claim-Based Pregnancy Outcomes: The Pregnancy Algorithm CErtalnty Tool (Pregnancy ACE-IT)

Presenting Authors: Hsiao-Ching Huang
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A-210 – Validation and Improvement of an Algorithm Identifying Relapses in Multiple Sclerosis (MS) Within the French Nationwide Claims Database

Presenting Authors: Laure Carcaillon-Bentata
Co-Authors: Abdelilah Abouelfath // Séverine Lignot-Maleyrat
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A-211 – Real-World Data for Evidence Generation Supporting FDA Approvals for Labeling Extension of Drugs and Biologics

Presenting Authors: Yung-Fang Deng
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A-212 – Towards Accurate Data Linkage: A Comparison of Deterministic, Probabilistic, and Machine Learning Approaches Applications in Multiple Sclerosis

Presenting Authors: Yasser Albogami
Co-Authors: Ohoud Almadani // Adel Alrwsan

A-213 – Development and Validation of Claim-Based Algorithms for Non-Melanoma Skin Cancer Using Optum Integrated Databases

Presenting Authors: Huifang Liang
Co-Authors: Shu Huang // Qiujie Jiang // Dongmu Zhang
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A-214 – Harmonizing Electronic Health Records from Multi-Healthcare Systems in Saudi Arabia: A Comprehensive Guide with SQL Script

Presenting Authors: Faisal Almutairi
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A-215 – EpiCore – A Common Data Model for Scandinavian Pharmacoepidemiological Studies

Co-Authors: Peter Jensen // Jacob Andersen // Martin Ernst
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Julia Eriksson // Karin Gembert // Lars Christian Lund

A-216 – Exploring and Characterizing Glioblastoma Data from a Real-world Clinical Platform

Presenting Authors: Priya Govil
Co-Authors: Elizabeth Garry, PhD, MPH // Aidan Baglivo
Sarah Vititoe // Isabella Lelis // Vera Frajzyngier

A-217 – Observed Rate of Safety Outcomes, Vaccinations, and Healthcare Utilization in Elderly Persons With Commercial Vs. Medicare Advantage Insurance in a U.S. Claims Database

Presenting Authors: Danielle MacCormac, MPH
Co-Authors: Daina B. Esposito, MPH, PhD // Brenna Kirk, MSc
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A-218 – Onboarding and characterising NHS health data in the HEalth Data Research UK RWE OMOP Network (HERON-UK)

Presenting Authors: Cecilia Campanile
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Ben Eaton // Nicola Symmers // Mahéva Vallet
Timothy Howcroft // Vishnu Chandrabalan // Daniel Key
Lydia Briggs // Andy South // Steve Harris // Geoff Hall
Stelios Theophanous // Alex Knight
Daniel Prieto-Alhambra // Edward Burn // Martí Català

A-219 – Characterization of Healthcare Providers of a Cohort of Patients from Claims Data Based on Propagated Information from Linkage to Patient Encounters

Presenting Authors: Dana Y. Teltsch
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A-220 – Concordance of Electronic Health Record Data and Medicare Part D Claims Data Among Beneficiaries Prescribed Antihypertensive Medications

Presenting Authors: Kayla Smith
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A-221 – Self-Reported Use of Non-FDA Approved Cannabinoid Products Among Hospitalized Patients in a Large U.S. Hospital Network

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MOLECULAR EPIDEMIOLOGY / BIOMARKERS / PHARMACOGENETICS

A-222 – Effect of Quercetin on Inflammatory Markers in Diabetes Mellitus: A Systematic Review and Meta-Analysis of Animal Studies

Presenting Author: Pratyush Sandilya
Co-Authors: Amir Ali, M. Pharm // Rajeev Bharadwaj, MD, DM // Ramu Adela, PHD

PHARMACOVIGILANCE / CANCER

A-224 – Signal Detection of Dementia Associated with Alkylating Agents: Using the World Health Organization Pharmacovigilance Database

Presenting Author: Eunsun Lim
Co-Authors: Heehyun Won // Jiwon Kim
Young-Hyo Jeon // Nam-Kyong Choi

A-225 – How are RWE/RWD Used in Pharmacovigilance for the Development of Oncologic Products in Early Stages?

Presenting Author: Maribel Salas, MD, DSc, FISPE

A-226 – Target Fishing and Drug Repurposing for Esophageal Adenocarcinoma: An Integrated Bioinformatic and Pharmacovigilance Approach

Presenting Author: Anjana Das K.
Co-Authors: Christy Thomas, MPharm, PhD
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A-227 – Adverse Drug Events Associated with Pembrolizumab In Pediatric Oncology: Analysis of Global and Local Individual Case Safety Reports

Presenting Author: Nora Alorf
Co-Authors: Nouf Al-Fadel // Fawaz Alharbi

A-228 – Adverse Pulmonary Reactions Associated with Proteasome Inhibitors in Multiple Myeloma: A Disproportionality Analysis of the FDA Adverse Event Reporting System

Presenting Author: Muhammed Favas K.T.
Co-Authors: Beema T. Yoosuf, PhD Scholar // Dipika Bansal

PHARMACOVIGILANCE / CARDIOVASCULAR

A-231 – β -Blockers and Risk of Neuropsychiatric Adverse Events: An Active-Comparator Restricted Disproportionality on the FAERS

Presenting Author: Flory T. Muanda
Co-Authors: Lujain Ez eddin // Mohammad Ali Omrani Niaz Chalabianloo

PHARMACOVIGILANCE / OTHER

A-232 – High-Throughput Screening Using Self-Controlled Tree-Based Scan Statistics to Identify Medications Potentially Associated with Hospitalization for Severe Acute Liver Injury

Presenting Author: Vincent Lo Re III, MD, MSCE
Co-Authors: Craig Newcomb // Dean M. Carbonari, MS Judith C. Maro

A-233 – Overview of Post-Authorization Safety Studies Required by EMA for Products Approved in 2022

Presenting Author: Karin de Haart, MSc

A-234 – Regional Differences in Tramadol Safety Reports: A Global Pharmacovigilance Analysis

Presenting Author: Franziska S. Ulrich
Co-Authors: Marcel Rainer // Aleksandra Misiek Lucia Gasparovic // Stefan Weiler, MD PhD Andrea M Burden, PhD

A-235 – Evaluation of Effectiveness of Additional Risk Minimisation Measures (aRMMs): Perspectives from a U.K. Non-Interventional Post Authorisation Safety Study (PASS)

Presenting Author: Sandeep Dhandu
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A-237 – Age and Multimodal Safety Assessments: Limitations of Spontaneous Reports Data and the Importance of Advancing Age-Based Risk Stratification Capabilities in Real-World Data

Presenting Author: Darmendra Ramcharran, PhD, MPH
Co-Authors: Kaylen Brzozowski, MPH // Greg Powell Olivia Mahaux // Andrew Bate

A-229 – A,B,Cs of ADCs (Antibody–Drug Conjugates) Post-Marketing Pharmacoepidemiology Planning

Presenting Author: Federica Pisa, MD DrPH MStat
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A-230 – Medication Errors in Breast Cancer Treatment and Pharmacist-Led Interventions at the Largest Referral Hospital in Kenya

Presenting Author: Loice A. Maina
Co-Authors: Sylvia A. Opanga, PhD // Irene Waithira Weru

A-238 – Enhancing Post-Marketing Quantitative Signal Detection at GSK: A Comprehensive Review

Presenting Author: Darmendra Ramcharran, PhD, MPH
Co-Authors: Olivia Mahaux // Clément Bonal Vijay Kara // Francois Haguinet

A-239 – Risk-Based Stratification of Pharmacovigilance Data for a Differentiated Approach to Follow-Up

Presenting Author: Greg Powell
Co-Authors: Vijay Kara // Darmendra Ramcharran, PhD, MPH Andrew Bate

A-240 – Enhancing The Meaningfulness of Qualitative Adverse Event Report Reviews Through Incorporation of Quantitative and Qualitative Aspects of Causality Assessment

Presenting Author: Greg Powell
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A-241 – Safety Reporting of Homeopathic Products: A Preliminary Investigation in the FDA Adverse Event Reporting System (FAERS) Data

Presenting Author: Jingjing Qian, PhD
Co-Authors: Lotanna Ezeja, BPharm // Xiangzhong Xue

A-242 – Minoxidil-Induced Ocular Disorders: A Global Pharmacovigilance Analysis

Presenting Author: Dr. Jaishree Suresh, PharmD
Co-Authors: Dr. Tanushree Sarvepalli, Pharm D Dr.Vivekanandan Kalaiselvan, PhD Dr. Rajeev Singh Raghuvanshi, PhD

A-243 – Ethambutol Under Scrutiny: Surge in Serious Eye Disorders

Presenting Author: Dr. Vivekanandan Kalaiselvan, PhD
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A-244 – Drug-Drug Interactions Between Nirmatrilvir-Ritonavir and Cardiovascular Agents: A Scoping Review

Presenting Author: Hafizan Yusuf, PharmD
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A-245 – Safety and Effectiveness of B/F/TAF for the Treatment of HIV-1 Infection in a Large Cohort in South Korea: A Post-marketing Surveillance Study

Presenting Author: Lauren J. Liu, MPH
Co-Authors: Kimberly Suekawa-Pirrone // Keith Aizen Jami Peters // Annalisa Rubino

A-247 – Evaluation of Companies Pharmacovigilance Systems: Measuring Performance Before and After Exposure to Saudi regulatory PV Inspection Visits

Presenting Author: Hammad Al Dali, B Pharm, MPH
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A-248 – Critical Vs. Major Finding: According to the Classification of MAH in Saudi Arabia

Presenting Author: Abdullatif AlOtaibi, MPH
Co-Authors: Hammad Al Dali, B Pharm, MPH // Amal Arafah

A-249 – Establishing a Repository for Background Incidence Rates of Adverse Events for Use in Safety Signal Assessment

Presenting Author: Julie Barberio, PhD
Co-Authors: Kexin Zhu, PhD // Alix Legrand Sarah-Jo Sinnott

A-251 – Safety Signal Monitoring of an Anti-COVID-19 Drug in the MID-NET® in Japan

Presenting Author: Takashi Ando
Co-Authors: Yusuke Okada // Fumitaka Takahashi Kenichi Watanabe // Kazuhiro Kajiyama Tomoaki Hasegawa // Satomi Inomata Yuki Kinoshita // Shinya Watanabe // Yoshiaki Uyama

A-252 – Incidence of Outcomes Relevant to Vaccine Safety Monitoring in a General Population, After Influenza Vaccination, and After Respiratory Infections in US Claims Data from August 1, 2022 to July 31, 2023

Presenting Author: Shaina Desai
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A-253 – Determining Cardiovascular Safety Signals of Non-Steroidal Anti-Inflammatory Drugs: A Sequence Symmetry Study

Presenting Author: Elin Rowlands
Co-Authors: Xihang Chen, MMath // Xintong Li Daniel Prieto-Alhambra

A-254 – An Open Source Pipeline for Collaboration and Evaluation of Power in Tree-Based Scan Statistics Used in Pharmacovigilance

Presenting Author: Catherine Mahoney
Co-Author: Nicole A. Kellier-Steele

A-255 – Medication Use Evaluations for Medication Safety Profile and Risk Minimization Measures Assessment: A National Multicenter Study

Presenting Author: Waad Alghamdi
Co-Author: Solaiman Alhawas

A-256 – Identifying Potential Drug Triggers for Bullous Pemphigoid: A Disproportionality Analysis of the FDA Adverse Event Reporting System and Review of Case Reports

Presenting Author: Rathod Mahesh, PhD
Co-Authors: Anjana Das K. // Christy Thomas, MPharm, PhD Kotakonda Sudha Rani // Maheshwari Kadari Krishna Undela, MPharm, PhD

A-257 – Antimuscarinic Medication Use and Risk of Glaucoma: A Literature Review and Disproportionality Analysis Using FAERS

Presenting Author: Flory T. Muanda
Co-Authors: Hasti Sadeghi // Rinko Lau // Fatemeh Ahmadi Niaz Chalabianloo // Mohammad Ali Omrani

A-258 – Trimethoprim-Sulfamethoxazole (TMP-SMX) and Risk of Hemophagocytic Lymphohistiocytosis (HLH): A Literature Review and Disproportionality Analysis Using Individual Safety Case Reports from FAERS

Presenting Author: Flory T. Muanda
Co-Authors: Rinko Lau // Hasti Sadeghi // Fatemeh Ahmadi Niaz Chalabianloo // Mohammad Ali Omrani

A-259 – Ocular Adverse Effects of Zoledronic Acid: A Case Report of Partial Vision Loss and Literature Review

Presenting Author: Luis Santiago Muñoz Garro
Co-Author: Angela Acosta Santamaría

A-260 – Safety of Moderna’s Omicron-Containing Bivalent and XBB1.5-Containing Monovalent Vaccines: Results from a U.S. Claims Database Cohort Study

Presenting Author: Christopher Bush, MPH
Co-Author: John Kroner // Brent Arakaki Neloufar Rahai, PhD, MPH // Brian Conroy // Katherine Mues Lei Zhu // Daina B. Esposito, MPH, PhD Priyadarshani Dharia, MD, PhD

A-261 – Anaphylaxis Risk Across Cephalosporin Generations and Cefaclor: Insights from a Nationwide Case-Crossover Study (2011–2023)

Presenting Author: Bora Yeon
Co-Author: Eonji Na // Hyeonmin Kwon // Myungsik Yoo Eunsun Noh // Bonggi Kim

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A-262 – A Case of Periocular/Palpebral Allergic Reaction Due to Bepotastine Besilate Ophthalmic Solution

Presenting Author: Ajeesh Mohammed P.Z., M Pharm
Co-Author: Anusuya Bhattacharyya // Ramu Adela, PhD
Phulen Sarma, Doctor // Sangam Mahobiya, M Pharm

A-263 – A Two-Year Review of Adverse Drug Events (ADEs) in Saudi Arabia: Trends and Pharmacovigilance Insights from 2023-2024

Presenting Author: Saeed Alshahrani
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A-264 – A Proposed Framework to Leverage TreeScan Methods in Real-World Data for Signal Detection

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A-265 – Assessing Study Feasibility Using Trends in the FDA PMR/PMC Database: 2020-2024

Presenting Author: Sarah D. Dahlberg, RAC-Drugs
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A-266 – Feasibility Assessment of Using National Administrative Databases (SISPRO) to Support Post-Authorization Vaccine Safety Studies in Colombia

Presenting Author: Cindy Zhou
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A-267 – Using Machine Learning to Predict Classification of Causal and Non-Causal Pharmacovigilance Cases

Presenting Author: Darmendra Ramcharran, PhD, MPH
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A-268 – Disproportionality Analysis of Sexual Dysfunction Reports Related to Integrase Strand-Transfer Inhibitors: Data from the FDA Adverse Reporting System - FAERS

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A-269 – Disproportionality Analysis of Reports of HIV Resistance to Integrase Strand-Transfer Inhibitors from the WHO Global Safety Database

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A-270 – A Collaboration to Explore and Compare Existing Tools for Retrieving Pregnancy Reports from Vigibase

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A-271 – Postmarketing Requirements for Accelerated Approvals: An Analysis of Status, Therapeutic Areas, and Regulatory Designations

Presenting Author: Abigail Orzechowski, MPH
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A-272 – Enhancing Safety Monitoring in Pharmacoepidemiology through High-Quality, Industry-Specific Translation Technology

Presenting Author: Julien Heidt, MS
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A-273 – A Ten-year Record Analysis of Acute Poisoning in a Tertiary Hospital, Nigeria

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A-274 – Characteristics of Drug Safety Alerts Issued by Two Latin American Drug Regulatory Agencies

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A-275 – Monitoring Incidence of Acute Pancreatitis Following COVID-19 Vaccination compared with Background Incidence in Korea

Presenting Author: Seung-Hun You
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A-276 – Regional Trends of Opioid Epidemic Using Safety Signal of Drug Misuse and Dependence: A Disproportionality Analysis Using Vigibase

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A-277 – The Role of Pharmacovigilance Databases in Identifying Antibiotic Resistance and Inappropriate Use

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PREGNANCY & LACTATION

A-278 – Predicting FDA-Mandated Pregnancy Registries for Future Drug Approvals: Insights from the Thermo Fisher Scientific Drug & Trial Intelligence Dashboard
Presenting Author:

A-279 – BOOST-HP DrugScan: Identifying Medications Associated with Pregnancy Loss
Presenting Author: Judith C. Maro
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A-280 – Like Father, Like Child: Feasibility of Linking Father and Child in CPRD GOLD
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A-281 – Comparison of 4 Algorithms to Prospectively Identify Pregnancies in Electronic Health Record Data
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A-282 – Association Between Continued Benzodiazepine Use and Pregnancy Outcomes in Women Undergoing Assisted Reproductive Technology
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A-283 – Second-Line Antidiabetic Medications in Early Pregnancy: Do They Increase Miscarriage Risk?
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A-284 – Nicotine Replacement Therapy in Pregnancy: A Systematic Review, Meta-Analysis, and Network Meta-Analysis of Maternal-Neonatal Outcomes and Smoking Cessation
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A-285 – Prenatal Exposure to Antiseizure Medication and Associated Risks for Obstetrical Complications: A Population-Based Study
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A-286 – Prenatal Exposure to Antiseizure Medications and Congenital Malformation Risk in Offspring
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A-287 – Maternal Minoxidil Exposure and Infantile Hypertrichosis: A Global Pharmacovigilance Perspective on Dermatological Implications
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A-288 – What to Expect when You’re Expecting Missing Outcome Data: Development of Claims-Based Algorithms for Pregnancy Identification
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A-289 – Application of Administrative Claims-Based Algorithms to Characterize Pregnancy in Atherosclerotic Cardiovascular Disease or Likely Familial Hypercholesterolemia
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A-290 – Self-Reported Intake of Harmful Medications During Pregnancy: Insights from 24 Years of Swedish Data
Presenting Author: Viktor H. Ahlqvist
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A-291 – Antihypertensive Medication Use, Type of Hypertension, and Risk of Birth Defects: Expanded results from the National Birth Defects Prevention Study (1997-2011) and Birth Defects Study to Evaluate Pregnancy ExposureS (2014-2021)
Presenting Author: Meredith Howley
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A-292 – Validation of Self-Reported Registrations on Maternal Health and Mother-Infant Outcomes: Insights from the BELpREG Cohort
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A-293 – One Problem, Multiple Solutions
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A-294 – Ondansetron in the First Trimester of Pregnancy and Risk of Congenital Malformations: A Study Using the New Zealand Pregnancy Cohort
Presenting Author: Sarah Donald, MBChB MPH
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A-295 – COVID-19 Vaccination Around the Time of Conception and Risk of Placenta-Mediated Adverse Pregnancy Outcomes
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A-296 – Risk of Psychiatric Relapse After First-Trimester Antipsychotic Discontinuation in Pregnant Women with Schizophrenia
Presenting Author: Jiyeon Kim
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A-297 – Association of Risk of Congenital Malformations and Neurodevelopmental Disorders in Offspring in Women Who Continued Antipsychotics (APs) During Pregnancy
Presenting Author: Maddie Chen-Syuan Ma, PharmD
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A-298 – Clinical Characteristics and In-Hospital Outcomes of Infective Endocarditis Among Pregnant Women with Substance Use Disorders: A Nationwide Analysis
Presenting Author: Rupal F. Aroza, PharmD, MS
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A-299 – The Effect of COVID-19 During Pregnancy on Fetal Outcomes: A Propensity Score Matched Analysis using Mother-Infant Linked Claims Data
Presenting Author: Meghana Shamsunder, MPH
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A-300 – Risk of Preterm Birth with Clindamycin Vs. Metronidazole in Pregnant Women with Bacterial Vaginosis: A Retrospective Cohort Study
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A-301 – Replication of the Association Between Anti-TNF Exposure During Pregnancy and Maternal and Infant Outcomes in the Dorsata Ob-GYN EMR Data Set and Linked Infant Data
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A-302 – Evaluation of the Dorsata OBGYN EMR and Linked Infant Data for Use in FDA Pregnancy Safety Studies
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RARE DISEASE

A-303 – Evolution of the Treatment Landscape for Patients Diagnosed with Amyotrophic Lateral Sclerosis in the United States
Presenting Author: Artak Khachatryan
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SAFETY OUTCOMES / DIABETES

A-304 – Glucagon-like Peptide-1 Receptor Agonists vs. Sodium-glucose Cotransporter 2 Inhibitors and Risk for Dementia in Individuals with Diabetes: A Propensity-weighted, Population-Based Cohort Study

Presenting Author: Gabriel Sanf  lix-Gimeno, PharmD, PhD
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A-305 – Association of Glucagon-like Peptide-1 Receptor Agonists with Acute Pancreatitis and Biliary Disease in Individuals with Diabetes and Obesity: A Propensity-weighted, Population-Based Cohort Study

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A-306 – Comparison of the Pneumonia Risk Between GLP-1RAs and DPP4 Inhibitors in Taiwan

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A-307 – The Effectiveness on Diabetic Retinopathy Between GLP-1 Receptor Agonists and DPP-4 Inhibitors in Taiwan

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A-308 – Risk of Pre-Sarcopenia and SGLT2 Inhibitors in Young Adults with Type 2 diabetes: A Nationwide Cohort Study

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A-309 – Glucagon-like peptide-1 Receptor Agonists and the Risk of Gastroesophageal Reflux Disease in Patients with Type 2 Diabetes

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A-310 – Serum 25-Hydroxyvitamin D Levels and Risk of Diabetes Complications in Sulfonyleurea Users: A Linked Database of Kangbuk Samsung Health Study and Nationwide Claims Data

Presenting Author: Kyungyeon Jung, PharmD
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A-311 – High Throughput Screening for GLP-1 RA-Induced Prescribing Cascades among Older Adults with and Without Obstructive Sleep Apnea

Presenting Author: Chien-Yu Tseng, PharmD
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A-312 – Study Design and Comparator Choices in Evaluating the Risk of Suicidal Ideation and Suicidality with Semaglutide: A Real-World Study

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A-313 – Post-authorization Safety Study to Assess the Risk of Diabetic Ketoacidosis among Type 2 Diabetes Mellitus Patients Treated with Ertugliflozin Compared to Patients Treated with Other Antihyperglycemic Agents

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A-314 – Association Between Depression and Use of Sodium-Glucose Cotransporter-2 Inhibitors Using Target Trial Emulation: Population-Based Cohort Study

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A-315 – Risk of Incident Inflammatory Bowel Disease in New Users of Dipeptidyl Peptidase 4 Inhibitors, Sodium Glucose Cotransporter 2 Inhibitors, or Sulfonyleurea in the U.S. Food and Drug Administration's Sentinel System

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A-316 – Risk of Diabetic Ketoacidosis Across Stages of Chronic Kidney Disease in Patients with Type 1 Diabetes in the U.S. Food and Drug Administration's Sentinel System

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A-316 – Investigating the association Between Glucagon-Like Peptide 1 Receptor Agonists and Obstructive Sleep Apnea Incidence Using United States Medicare Data 2007-2019

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SAFETY OUTCOMES / NEUROLOGICAL / MENTAL HEALTH

A-318 – Early-life Antibiotic Exposure and the Risk of Neurodevelopmental Disorders: A Systematic Review and Meta-Analysis

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A-319 – Assessing the Risk of Neurodevelopmental Disorders in Children Prenatally Exposed to   -Lactam Antibiotics

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A-320 – Evaluating the Impact of GLP-1RAs on Mental Health and Antidepressant Use: A Target Trial Emulation with Distributional NCO Calibration

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A-321 – Risk of Adverse Opioid-Related Outcomes Among Adult Medicaid Enrollees with New Long-Term Prescription Opioid Use

Presenting Author: Hillary Samples
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A-322 – Associations Between Lisinopril and Amlodipine Use and Risk of Aneurysmal Subarachnoid Haemorrhage: A U.K. Population-Based Cohort Study

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A-323 – Association Between 5alpha-Reductase Inhibitors and Risk of Developing Parkinson's Disease in Patients with Benign Prostatic Hyperplasia: Evidence from a Prospective Cohort Study

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A-324 – DARWIN EU   – A Multi-National Network Cohort Study of the Effect of Doxycycline Versus Active Comparators on the Risk of Suicidality in Individuals with Acne

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A-325 – Use of Fluoroquinolones and the Risk of Seizures: A Population-Based Cohort Study

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A-326 – A Collaborative Approach to Evaluate Risk Factors for a Rare Adverse Event Among Individuals with Multiple Sclerosis Exposed to Sphingosine 1-phosphate Receptor Modulators

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A-327 – The Risk of Mortality in Patients with Multiple Sclerosis Treated with Alemtuzumab Compared to Other Disease Modifying Therapies: A Cohort Study with Data from Five Countries

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SAFETY OUTCOMES / OTHER

A-328 – Association of Dexamethasone Prescription with Acute Kidney Injury among Hospitalized Children

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VACCINES

A-329 – Safety Monitoring of Health Outcomes following Influenza Vaccination During the 2023–2024 Season Among U.S. Individuals Aged 6 Months Through 64 Years

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A-330 – Type 1 Diabetes Mellitus in Individuals Receiving COVID-19 Messenger RNA Vaccination

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A-331 – Safety Monitoring of Multiple Health Outcomes following 2023–2024 COVID-19 Vaccination Among Commercial Health Plan Enrollees Aged 6 Months–64 Years in the United States

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A-332 – Monitoring Safety of Moderna COVID-19 Vaccines in Pregnancy: A Multi-Database Study in Denmark, Norway, Spain and the United Kingdom. A Regulator-Mandated Postauthorisation Safety Study in the VAC4EU Network (EUPAS44450)

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A-333 – Incidence Rates of Safety Events of Interest in a Post-Approval Study of Pfizer-BioNTech Original Monovalent COVID-19 Vaccine in the United States: Primary Series Analysis

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A-334 – Incidence Rates of Safety Outcomes in A Post-Approval Study of the Pfizer-Biontech Monovalent COVID-19 Vaccine in the United States, Booster Dose Analysis

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A-335 – Leveraging Real-World Data for Regulatory Commitment: Methodological Considerations in a Post-Approval Safety Study Evaluating the Risk of Atrial Fibrillation (AF) Following Respiratory Syncytial Virus (RSV) Vaccination

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A-336 – Regional Differences in COVID-19 Vaccine Uptake and Their Determinants Among Swedish Older Adults

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A-337 – Dependence of the Data Source on the Positive Predictive Value in the Retrospective Case Validation of Thrombosis and Thrombocytopenia Syndrome cases using Real-World Data

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A-338 – Evaluating the Diagnostic Accuracy of Adverse Events of Special Interest Following Janssen COVID-19 Vaccine (JCOVDEN) Using the VAC4EU Validation Pipeline

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A-339 – 2024 Interim Results from the VAC4EU Post-Authorisation Safety Study (PASS) for the Pfizer-BioNTech COVID-19 Vaccine (Comirnaty®) in Europe

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A-340 – Characterizing Background Risk of Febrile Seizure Among Pediatric Patients During Routine Clinical Care and Vaccination

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A-341 – Incidence of Herpes Zoster and Vaccination Rates in VA Long-Stay Nursing Home Residents

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A-342 – Safety of COVID-19 Vaccination Among Patients with Autoimmune Diseases In Korea: A Population-Based Self-Controlled Case Series Study

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A-343 – Developing the Framework of Epidemiological and Biostatistical Approaches for Post-Approval Vaccine Safety Assessment Using a Large Healthcare Database in Japan: Year 1 Progress

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A-344 – Opportunities and Challenges of Using Brazilian Databases in Vaccine Pregnancy Registry Studies

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A-345 – Assessment of the Safety of Human Papillomavirus Vaccination in Japan: VENUS Study

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A-346 – Background Rates of Adverse Events for Vaccine Safety Monitoring at Two Sentinel Hospitals in Addis Ababa, Ethiopia

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A-347 – Patient and Epidemiological Factors Associated with Respiratory Syncytial Virus (RSV) Testing in Adults Hospitalized with RSV-Like Illness, 2023–2024 Respiratory Season

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A-348 – Incidence of Human Metapneumovirus Among Older Adults in 10 High-Income Countries: A Systematic Literature Review, Meta-Analysis, and Modeling Study

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A-349 – Assessing the Association Between COVID-19 Vaccination and Thrombotic Thrombocytopenia Syndrome (ATTEST Study): Analyses of English Data, 2020–2022

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A-350 – Baseline Characteristics of Patients Included in a Post-Approval Safety Study of Pfizer-BioNTech Monovalent COVID-19 Vaccine in the United States: Results From an Interim Analysis

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A-351 – Autoimmune Disease Risks Across COVID-19 Vaccine Platforms: A Population-Based Cohort Study in Taiwan

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A-352 – Barriers and Strategies to Improve Vaccine Adverse Events Reporting: Views from Health Workers and Managers in Northern Ghana

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A-353 – Application of the Actor-Partner Interdependence Model to Understand COVID-19 Vaccine Decision-Making among Adolescents and Their Parents

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A-354 – Methods for Estimating Background Rates of Obstetric and Adverse Events of Special Interest During Pregnancy: A Multi-Site Analysis of Over 3 Million Annual Births

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A-355 – Post-Marketing Safety Surveillance for Bivalent Human Papillomavirus Vaccine in a Regional Healthcare Database in China

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A-356 – Safety Profile of Vaxzevria® COVID-19 Vaccine in the COVID-19 Vaccines International Pregnancy Exposure Registry (C-VIPER)

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A-357 – Assessment of the Risk of 32 Adverse Effects of Special Interest following COVID-19 Vaccination in the Whole French Population

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A-358 – Using Tree-Based Scan Statistics to Monitor Routine Vaccines for Possible Associations with Guillain-Barré Syndrome in the Vaccine Safety Datalink

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A-359 – Vaccine-Related Studies Listed in the Heads of Medicines Agencies-European Medicines Agency (HMA-EMA) Catalogue of Real-World Data studies: What Can We Learn from Study Characteristics?

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A-360 – Social Disparities in HPV Vaccination Uptake Among Adolescent Girls in France (2007–2023)

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A-361 – Vaccinia Vaccine Effectiveness Against Mpox Virus Infections: A Living Literature Review And Evidence Synthesis

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BRACE

SLB-001 – European Perspectives on Ethical Aspects Around Utilization of Patient Registries for Medicines Decision-Making

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SLB-011 – The Risk of Suicidality with the Use of 5-Alpha-Reductase Inhibitors: Real-World Evidence Utilizing the Food and Drug Administration Adverse Event Reporting System (FAERS)

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SLB-012 – An Active-Comparator Restricted Disproportionality Analysis of Fluoroquinolone and the Risk of Panic Attacks

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SLB-013 – Structured Benefit-Risk Assessment for Isatuximab in Transplant-Ineligible Newly Diagnosed Multiple Myeloma Patients

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SLB-014 – The Effect of Antibiotics on the Risk of Parkinson’s Disease: A Meta-Analysis of Observational Epidemiological Studies

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SLB-015 – Multiple Sclerosis Disease-Modifying Therapies and Human Papillomavirus-Related Conditions: A Disproportionality Analysis from the WHO Vigibase

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SLB-016 – A Scoping Review of the Benefits and Risks of Prescription Stimulant Medications in Older Adults

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CANCER

SLB-017 – A Real-World Database Study of Myelodysplastic Syndrome and Acute Myeloid Leukemia in Prostate Cancer Patients

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SLB-018 – Immune-Related Adverse Events (irAEs) Associated with Immune Checkpoint Inhibitor (ICI) Therapy in Bladder Cancer: A Systematic Review and Meta-Analysis of Randomized Controlled Trials

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SLB-019 – Predicting the Risk of Non-Small Cell Lung Cancer through Polygenic Approach: A U.S. Based Study

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SLB-020 – Risk of Secondary Primary Malignancies Among Patients with Selected Hematologic Cancers: U.S. population-Based Analysis of SEER

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SLB-021 – Characterization and Incidence of Breast Cancer Amongst Females in the United Kingdom: An Analysis of Real-World Data from THIN® UK Database and Comparability with Findings from the CPRD GOLD Database

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SLB-022 – Concordance Between Blinded Independent Central Review Committee and Physician-Assessed Responses: Analyses Based on A Real-World External Control Arm In Relapsed/Refractory Multiple Myeloma Using IMWG Data

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SLB-023 – Cardiovascular Adverse Events of Endocrine Therapies in Women with Breast Cancer: A Disproportionality Analysis Using FAERS

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SLB-024 – Improved Survival Outcomes in Cancer Patients with Autoimmune Skin Diseases Receiving Immune Checkpoint Inhibitors: A Nationwide Cohort Study

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CELL & GENE THERAPY

SLB-025 – Second Primary Malignancy in Patients with Diffuse Large B-Cell Lymphoma Receiving Chimeric Antigen Receptor T-Cell Therapy and Other Systemic Anti-Cancer Therapy: A Real-World Evidence from a Large U.S. National Claims Database

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SLB-026 – Comparative Effectiveness of Brexucabtagene Autoleucl for Relapsed or Refractory Mantle Cell Lymphoma: An External Control Arm Study Using Lymphoma Registry

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DRUG UTILIZATION / HEALTH SERVICES RESEARCH

SLB-027 – Association Between Traumatic Brain Injury and Post-Hospitalization Opioid Dose Among Prevalent Opioid Users

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SLB-028 – Utilization of Statins and Other Lipid-Modifying Agents During Pregnancy in the U.S., 2005-2021

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SLB-029 – Early Identification of Prodromal Symptoms for Multiple Sclerosis Risk Prediction Using Machine Learning Approaches

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SLB-030 – Risk of Acute Kidney Injury with Non-vitamin K Antagonist Oral Anticoagulants Use: A Retrospective Cohort Study

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SLB-031 – Disparities in the Utilization of Nirmatrelvir-Ritonavir in Taiwan: An Analysis Within a Universal Healthcare System During the COVID-19 Pandemic

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SLB-032 – Adverse Outcomes Associated with High-Risk Medication Administered to Children During the Dental Visit, 2014-2020

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SLB-033 – A Drug Utilization Study of Z-Drug Within Psychiatric Outpatients in Regional Hospital During the Era of Post-Pandemic

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SLB-034 – Treatment Patterns in Pediatrics with Attention-Deficit Hyperactivity Disorder (ADHD) in Taiwan

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SLB-035 – Real-World Use of Accelerated Approval Oncology Drugs That are Subsequently Withdrawn in the United States

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DRUG-DRUG INTERACTION

SLB-036 – Investigating Potential Drug-Drug-Interactions Between Sacubitril/Valsartan and Statins and the Risk of Myotoxicity, Hepatotoxicity or Acute Pancreatitis: A Post-Authorisation Safety Study in 7 European Healthcare Databases

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SLB-037 – Evaluating the Interaction between Antidepressants and Tamoxifen: Does Concurrent Use Adversely Affect Breast Cancer Outcomes?

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SLB-038 – Identifying Potential Drug-Drug Interaction af Concomitant Use of Methylphenidate and Atypical Antipsychotics Using Korea Adverse Event Reporting System Database

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SLB-039 – Adverse Events Associated with Concomitant Use of Opioids and Psychotropic Medications

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SLB-040 – Polypharmacy and Drug Combinations Associated with Unintentional Drug Overdose in the United States

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SLB-041 – Leveraging Drugs' Therapeutic Class to Detect Three-Way Drug-Drug Interactions: A Bayesian Approach

Presenting Author: Massimiliano Russo, PhD, MS
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SLB-041 – Association Between Gabapentinoid Use, Concurrent Opioid or Benzodiazepine Therapy, and Traumatic Fracture Risk in Older Adults: A Self-controlled Case Series and Case-Case-Time-Control Study

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ENVIRONMENTAL PHARMACOEPIDEMIOLGY

SLB-043 – Assessment of Neurotoxicity, Cardiovascular Risk Associated with Arsenic Exposure in Endemic Areas of Bihar, India

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SLB-044 – The Relationship Between Wildfire Smoke Exposure and Childhood Asthma in California

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SLB-045 – Mortality Associated to Concomitant Exposure to Corticosteroids and Fine Particulate Matter: An Exploratory Study in Older Adults in Rome, Italy

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SLB-046 – Impacts of Extreme Temperature Events on Intraoperative Hypotension: A Multicenter Cohort Study of 276,515 Patients

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SLB-047 – Increased Risk of Hospitalization in Patients with Atrial Fibrillation Exposed to High Particulate Matter

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SLB-048 – Impact of Hurricanes and Related Extreme Weather Events on Health Outcomes: A Scoping Review

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SLB-049 – Assessment of Arsenic and Heavy Metal Contamination in Gallbladder Cancer: Carcinogenic Risk and Implications for DALY, Quality of Life, and Treatment Survival

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SLB-050 – Costs and Coverage of Metered-Dose Inhalers and Sustainable Alternatives Among Older Adults in the United States

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GENOMICS & PRECISION MEDICINE

SLB-051 – Predictors of Genetic Testing Among Patients with Non-Small Cell Lung Cancer Receiving Targeted Therapy

Presenting Author: Safalta Khadka, MS, BPharm
Co-Author: Sabina Nduaguba, PhD

SLB-052 – AI-Assisted Pharmacogenomics Tool Can Assist in Sickle Cell Disease Management and Reduce Treatment Costs

Presenting Author: Vikash Verma, BS, MBA
Co-Authors: Ram Kr Mishra, PhD
Shashi B. Khan, MS (Statistics) // Abhinav Nayyar, MBBS, MBA
Abhimanyu Roy, BS (pharma), MBA
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SLB-053 – Association of Serum Vitamin D Status with VDR and CAMP Gene Expression and Their Influence on Biofilm Formation in Diabetic Foot Patients

Presenting Author: Ruby Benson, MPharm
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SLB-054 – Genetically Perturbed Plasma Sclerostin Level and Incident Ischemic Stroke

Presenting Author: Woo Vin Lee, PharmD
Co-Authors: Jung Mi Oh, PharmD // In-Wha Kim

SLB-055 – Antidepressant Drug Switching in the Swiss Population with a Focus on Escitalopram and Drugs with Pharmacogenetic Dosing Guidelines: A Drug Utilization Study Using Claims Data

Presenting Author: Marietta Roth
Co-Authors: Christoph Meier // Carola A. Huber
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SLB-056 – Real-World Consequences of Drug-Gene Interactions in a National Healthcare System

Presenting Author: Farah Kidwai-Khan
Co-Author: Christopher T. Rentsch, PhD, FISPE

SLB-057 – Exposure to Multiple Drugs with Actionable Pharmacogenetic Biomarkers Among Older Adults in China: A Retrospective Analysis

Presenting Author: Xiaowen Hu
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HEALTH EQUITY

SLB-058 – Data Source Selection for Clinical Trial Diversity Planning: Rare Data in Rare Disease

Presenting Author: Ami S. Patel, PhD MPH
Co-Authors: Jessica Hinman, MS, PhD // Chuang Liu
Kristin Moy // Alexander Cole

SLB-059 – Leveraging Real-World Data to Support Trial Diversity Action Plans – A Fit-for-Purpose Assessment in Waldenström Macroglobulinemia

Presenting Author: Lili Zhou, PhD
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Paulina M. Colombo, MPH // Alexandra Z. Sosinsky, ScM
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SLB-060 – A Cross-Sectional Study of Race and Ethnicity Reporting and Representation Among Cancer Patients in Select U.S. Real-World Data Sources

Presenting Author: Tianyi Wang
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SLB-061 – Racial Disparity in Cardiovascular Outcomes Among Older Women with Breast Cancer receiving Anthracycline

Presenting Author: Nguyen Le, B. Pharm, MBA
Co-Authors: Yan Liu, MD, PhD
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SLB-062 – Temporal Trends in Racial Differences in Initiation of Medication for Opioid Use Disorder Among Medicaid Beneficiaries

Presenting Author: Yujia Li, MS
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SLB-063 – Sex-Related Differences in the Risk of Rehospitalization among Heart Failure Patients in Korea

Presenting Author: Hui-Eon Lee
Co-Authors: Haerin Cho // Jeong Ah Kim // Na-Young Jeong
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SLB-064 – Risk Factors Associated with Post-COVID-19 Condition Among 810,851 Individuals in Sweden: Population-Based Cohort Study

Presenting Authors: Yiyi Xu, PhD // Huiqi Li, PhD
Co-Authors: Robert Sigström, MD, PhD
Lisa Lundberg-Morris, MD // Magnus Gisslen, MD, PhD
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Maria Bygdell, PhD

SLB-065 – New FDA Guidance on Sex Differences in Post-Marketing Studies: How Much Further Do We Need to Go?

Presenting Author: Harriet Dickinson, PhD
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DISEASE EPIDEMIOLOGY / CLINICAL COURSE / CANCER

B-001 – Impact of Gabapentinoids Use on Healthcare Utilization and Expenditure Among Female Breast Cancer Survivors in the United States: A Propensity-Score Matched Cohort Study

Presenting Author: Jyun-Heng Lai, BPharm, MS
Co-Authors: Anton Avanceña, PhD
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Jennifer Spencer, PhD

B-002 – Association of New-Onset Hypertension and Its Treatment with Survival in Cancer Patients: A Retrospective Cohort Study Using Electronic Medical Record Data

Presenting Author: Ainhua Gomez-Lumbreras, MD, PhD
Co-Authors: Stephanie Richardson, MS
Svenja Pauleck, MD // Macy Winn, BS
Jessica van Onselen, MS // Howard Colman, MD, PhD
Mary Playdon, PhD // Caroline Himbert, PhD
Sheetal Hardikar, MBBS, PhD, MPH

B-003 – DARWIN EU® – Prevalence of Frailty and Polypharmacy in Selected Cancers: Results from Six European Countries in a Real-World Context

Presenting Author: Julieta Politi, MD PhD MPH
Co-Authors: Adam Black // Cesar Barboza
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B-004 – Risk of Cancer in Patients with First-Time Seizure: A Population-Based Cohort Study

Presenting Author: Holly Elser
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B-005 – Factors Affected the Short-Term Mortality in Patients with Non-Small Cell Lung Cancer

Presenting Author: Ching-Lan Cheng, PhD
Co-Author: Yuan-Yu Huang // Lu-Hsuan Wu

B-006 – Prediction Models for Diagnosis and Prognosis of Leukemia: Systematic Review and Critical Appraisal

Presenting Author: Shengfeng Wang
Co-Authors: Ayizhati Tuerxun // Xinqi Cai // Yingzi Yang
Xinyu Chen // Zhuoya Zhao // Yang Zhao // Zinuo Lin

B-007 – Updated Trends in Incidence, Prevalence, and Survival in Patients with Head and Neck Squamous Cell Carcinoma in the United States

Presenting Author: Mohsin Shah, MBBS, MSCE
Co-Authors: Olaniyi Ayobami // Alyssa Klein // Jay Soh
Sonia Maruti // Kwame Appenteng

B-008 – Comparing Approaches to Real-World Progression-Free Survival Estimation Among Patients with Advanced Melanoma on First-Line Immunotherapy

Presenting Author: Ella Nkhoma
Co-Author: Ning Wu, PhD

B-009 – Validity of Hospital Cancer Registry and Electronic Health Record Cancer Diagnoses Among a Large Academic-Community Health System in the United States

Presenting Author: Ziyang Hong
Co-Authors: Benjamin Bates, MD // Alicia Iizuka

B-010 – Incidence Trends and Characterisation of Lung Cancer: A Multinational European Cohort Study

Presenting Author: Elin Rowlands
Co-Authors: Torsten Blum // Alvar Roselló-Serrano
Daniel Prieto-Alhambra // Eng Hooi (Cheryl) Tan
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B-011 – Association Between Non-adherence to Oral Anticancer Monotherapy in Clinical Trials (CTs) and Progression-Free Survival (PFS) in Patients (pts) with R/R Chronic Lymphocytic Leukemia (CLL) or Small Lymphocytic Lymphoma (SLL)

Presenting Author: Rahul Jain
Co-Authors: Weixi Chen, MS // Kayleen Ports
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B-012 – Comorbidity Assessment using Integrated EHR and Claims in a National Oncology Database

Presenting Author: Sheenu Chandwani, MPH, PhD
Co-Authors: Brandon Nathasingh, BS
Ruth Pe Benito, BSc MPH // Robert Miller, MD

B-013 – Treatment Patterns on Early-Stage Melanoma: Results from a Multi-site Chart Review

Presenting Author: Wenjun Zhong
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Kavita Gandhi // Águeda Azpeitia // Alicia Delibes
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B-014 – Bayesian Analysis of Linear Tumor Growth Rate: Case Study in VHL Disease

Presenting Author: Cathy Anne Pinto
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B-015 – Harnessing Real-World Clinicogenomics for Non-Small Cell Lung Cancer Drug Development: An Initial Report

Presenting Author: Nan Feng
Co-Authors: Wenjing Yang // Ji Wen // Guohai Zhou
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B-016 – Trends in the Incidence of Monoclonal Gammopathy of Undetermined Significance (MGUS) Before and During the COVID-19 Pandemic

Presenting Author: Dana Murdock
Co-Authors: Ning Wu, PhD - Regeneron Pharmaceuticals
Co-Author: Timothy Inocencio // Olivier Humblet
Asha Pillai // Gregory Geba // Jessica J. Jalbert

B-017 – Real-World Data Survival Patterns in Glioblastoma Patients

Presenting Author: Sarah Blach
Co-Authors: Mantas Dmukauskas // Sunny Guin // Amy Wu

B-018 – Estimating the Incidence and Prevalence of Second Primary Malignancy in Men Diagnosed with Prostate Cancer in the U.S. During 2000-2022, as Recorded in the U.S. SEER 17 Registries

Presenting Author: Niki Palmetto
Co-Authors: Melissa Bauer // Andreas Brückner

B-019 – Prevalence of Chronic Myeloid Leukemia in the European Union

Presenting Author: Swati Basu
Co-Authors: George Assibey // Niki Palmetto

B-020 – Incidence and Risk Factors of Chemotherapy-induced Nephrotoxicity in Cancer Patients with Proper Hydration and Dose Adjustments: A Prospective Hospital-Based Study

Presenting Author: Neelanshi Singal, PharmD
Co-Authors: Pramil Tiwari, PhD
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B-021 – The Value of Integrating Multi-Care Settings Real-World Data for Understanding Prostate Cancer Management

Presenting Author: Ruth Pe Benito, BSc MPH
Co-Authors: Brandon Nathasingh, BS // Herman Ray, PhD
Sheenu Chandwani, MPH, PhD // Todd Morgan, MD

DISEASE EPIDEMIOLOGY / CLINICAL COURSE / CARDIOVASCULAR

B-025 – Association Between Perioperative Hemoglobin Transfusion Thresholds and Renal Adverse Events in Cardiac Surgery: A Regression Discontinuity Cohort Study of 10,337 Patients

Presenting Author:
Co-Authors:

B-026 – Herpes Zoster Infection and Its Association with Myocardial Infarction: Insights from a Nationwide Self-Controlled Case Series Study

Presenting Author: Hsi-Yu Lai
Co-Authors: Lin-Chieh Meng // Ho-Min Chen
Hui-Min Chuang // Liang-Kung Chen // Fei-Yuan Hsiao

B-027 – Incidence of Cardiac Events in Patients with Moderate to Severe COPD: A Retrospective Analysis of U.S. Claims Data

Presenting Author: Ashley Howell
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B-028 – The Association Between Dose and Formulation of Long-Term Opioid Therapy and the Risk of Cardiovascular Outcomes in Older Adults

Presenting Author: Liang-Yuan Lin
Co-Authors: Kaustuv Bhattacharya // Shadi Bazzazzadehgan
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B-029 – Predictors of Initiation, Adherence, and Persistence to Guideline-Directed Medical Therapy Following Heart Failure Hospitalizations

Presenting Author: Lily G. Bessette, MS
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Maria M. Brooks, PhD // Timothy Anderson, MD, MAS

B-022 – Integrated Multi-Setting Real-World Data to Advance Bladder Cancer Evidence Generation

Presenting Author: Ruth Pe Benito, BSc MPH
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B-023 – A Novel Salivary-Based Companion Diagnostic Device for Early Detection and Monitoring of HER-2+ Breast Cancer Patients in Resource-Limited Settings

Presenting Author: Josiah Njau Mbote
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B-024 – Predictors of Skin Melanoma Among Adult Population and Its Impact on Quality of Life in the U.S.

Presenting Author: Isaiah Olumeko, PharmD, MPH
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B-030 – Social Determinants of Health and Disparities in GLP-1 Therapy Access Among Type 2 Diabetes Patients with Stage 2 CKM: Insights from NHANES Data

Presenting Author: Chloe Jian
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B-031 – Changes in Outpatient Care Utilization Among Medicare Beneficiaries with Atrial Fibrillation Following the Covid-19 Pandemic

Presenting Author: Lanting Yang, PhD, MPH
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B-032 – Characteristics of Patients Initiating Glucagon-like Peptide-1 (GLP-1) Receptor Agonists (RAs) for Cardiometabolic Risk Reduction in a Medicare Population

Presenting Author: Shivani Aggarwal, PhD, MS
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B-033 – Characteristics of Patients Initiating Wegovy (Semaglutide) for Cardiovascular Risk Reduction in a Medicare Population

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B-034 – A Retrospective Cohort Analysis of the Prevalence of Hypertrophic Cardiomyopathy in the U.S. Pediatric Population

Presenting Author: Xianying Pan
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B-035 – Use of Lipid Lowering Therapies (LLTs) Among Adults by Type 2 Diabetes (T2D) Diagnosis, with Discordant Apolipoprotein B (apoB) and LDL-Cholesterol (LDL-C) Values Using U.S. Real-World Data

Presenting Author: Katherine Cappell
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B-036 – Timely Disease Surveillance: Can a Large National EHR Network be Used to Estimate National and State Prevalence of Obesity and Type 2 Diabetes?

Presenting Author: Katherine Cappell
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DISEASE EPIDEMIOLOGY / CLINICAL COURSE / DIABETES

B-039 – SGLT2 Inhibitors and Major Renal Outcomes Among Medicare Beneficiaries with Heart Failure

Presenting Author: Tsung-Hua Shen, MS, BPharm
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B-040 – Algorithmically Confirming Patients with Type 1 Diabetes Using Claims Data

Presenting Author: Richard A. Brook, MS, MBA
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B-041 – Factors Associated with GLP-1 Receptor Agonist Utilization in Commercially Insured Patients with Diabetic Retinopathy

Presenting Author: Zhengxuan Li
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B-042 – Validation of a Claims-Based Algorithm for Body Mass Index (BMI) and Assessment of Its Utility to Balance BMI in Active Comparator New User Studies

Presenting Author: Amarnath Marthi, MBBCh, MPH
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Alan Ellis // Robert Glynn // Charles Poole, ScD
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B-043 – Use of Antidiabetic Agents in Type 2 Diabetes Mellitus Patients with Chronic Kidney Disease at a Teaching and Referral Hospital in Western Kenya

Presenting Author: Sharon Aranga, MPharm
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B-037 – Quantifying Risk in Patients Diagnosed with Pulmonary Embolism Using Electronic Health Record Data with Truveta

Presenting Author: Sarah Blach
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B-038 – Evaluating the Impact of Kidney Dysfunction on Cardiovascular Diseases Using the Global Burden of Disease Study

Presenting Author: Quinn Raftery, MS
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DRUG UTILIZATION / HEALTH SERVICES RESEARCH

B-044 – Buprenorphine and Methadone Initiation Among People with HIV and Diagnosed Opioid Use Disorder in a Clinical Cohort in Baltimore, Maryland

Presenting Author: Michael Chiu
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B-045 – Uptake and Use of Biologic Medicines in Paediatric Immune-Mediated Inflammatory Diseases: An Australian Population-Based Study

Presenting Author: Jun Ni Ho, BPharm (Hons)
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Natasha Nassar, PhD // Helga Zoega, PhD
Renly Lim, PhD // Benjamin Daniels, PhD

DRUG UTILIZATION RESEARCH / CHANGING DRUG UTILIZATION INTERVENTIONS AND IMPLEMENTATION RESEARCH

B-046 – Trends Over Time in Antidiabetic Medication Use Under Age 65 in the United States: Impact of Obesity Treatment

Presenting Author: Kimberly Daniels, PhD, MS
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Lia Gutierrez, BScN, MPH // Daniel C. Beachler, PhD, MHS

B-047 – Impact of Colorectal Cancer Diagnosis on Long-Term Type II Diabetes Treatment: A Longitudinal Study

Presenting Author: Irene Murimi-Worstell, PhD

B-048 – Effectiveness of an Academic Detailing Service to Support Appropriate Prescribing in Patients with Type 2 Diabetes

Presenting Author: Mina Tadrous, PhD
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B-049 – Effectiveness of Pharmacist-led Tele-Psychiatric Clinic in Managing Drug-Related Problems in Ambulatory Care Settings

Presenting Author:
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B-050 – Evaluation of the Implementation of Medication Adherence Interventions in Type 2 Diabetes Mellitus Patients in Aruba and Curaçao: A Mixed Method Study

Presenting Author: Jacqueline Hugtenburg
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B-051 – Evaluation of the Effectiveness of Pregnancy Prevention Programme (PPP) for Oral Retinoids (Acitretin, Alitretinoin, and Isotretinoin): A European Before-After Drug Utilisation study (DUS) Using Secondary Data

Presenting Author: Bernadette Dwan, BSc MPHARM MPSI
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B-052 – Intervention Mapping-Based Development of a Pharmacist-Led Intervention to Discontinue Chronic Antidepressant Use

Presenting Author: Jacqueline Hugtenburg
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B-053 – Utilization of Pegfilgrastim Following Health Insurance Policy Interventions: A Multi-Institutional Real-World Study in Taiwan

Presenting Author: Chia-Chen Wei
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B-054 – Impact of Pharmacist-Led Medication Therapy Management on Type 2 Diabetes Mellitus in Outpatient Settings: A Systematic Review and Meta-Analysis

Presenting Author: Zuha Shyma, PharmD, PhD scholar
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B-055 – Evaluating the Implementation of Medication Adherence Interventions by Pharmacy-driven Living Labs in the Netherlands

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B-056 – Implementation and Evaluation of Deprescribing Among Patients with Polypharmacy in Tertiary Care Hospital

Presenting Author:
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DRUG UTILIZATION RESEARCH / HEALTH POLICY & GOVERNANCE

B-057 – DARWIN EU® – Trends of Use of Glucagon-Like Peptide-1 Receptor Agonists in Real-World Data from Five European Countries

Presenting Author: Yuchen Guo
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James Brash, PhD // Daniel Prieto-Alhambra
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B-058 – DARWIN EU® – Trends of Use of Glucagon-Like Peptide-1 Receptor Agonists in Real-World Data from Five European Countries

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Antea Jezidžić // Emanuel Bradašević
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B-059 – The Impact of Drug Shortages in the Use of Medicines Across 52 Real-World Data Sources in 19 Countries in Europe And North America

Presenting Author: Marta Pineda-Moncusi
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B-060 – Opioid Agonist Treatment Dispensing Trends Between 2018 and 2022 Across Six Canadian Provinces

Presenting Author: Ria Garg
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B-061 – Utilization of Nationwide Claims Data Mapped to OMOP Common Data Model to Enhance Post-Marketing Drug Safety Studies

Presenting Author: Kyungyeon Jung, PharmD
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B-062 – Impact of Medicaid Mandatory Medication-Assisted Treatment (MAT) Benefit on Opioid Use Disorder Treatment Utilization, 2018-2022

Presenting Author: Jingjing Qian, PhD

B-063 – Off-label Use of Glucagon-like Peptide 1 Agonists (GLP-1): Evidence from Medicare Part D

Presenting Author: Minji Kim
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B-064 – Impact of Supply Chain Disruptions and Drug Shortages on Drug Utilization: A Scoping Review

Presenting Author: Araniy Santhireswaran
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B-065 – Regional Impact of the COVID-19 Pandemic on Polypharmacy Reduction Policies in Japan: A Nationwide Serial Cross-Sectional Study

Presenting Author: Yuexiang Ji
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B-066 – Impact of the Antibiotics Management Policy and the COVID-19 Pandemic on Antimicrobial Usage in Japan: A Nationwide Serial Cross-Sectional Study

Presenting Author: Satoshi Yamaguchi
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B-067 – Assessing the Impact of COVID-19 Lockdown on Methadone and Buprenorphine Prescriptions in England: An Interrupted Time Series Analysis

Presenting Author: Yi-Chen Chang, PharmD
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B-068 – Impact of Andexanet Alfa Introduction on Mortality and Thromboembolic Events, Before and After Tuscan Guidelines, in Patients Treated with Rivaroxaban or Apixaban with Major Bleeding

Presenting Author: Rosa Gini, PhD
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Guido Mannaioni // Stefano Fumagalli // Francesco Sera
Alfredo Vannacci // Giada Crescioli // Lorenzo Parmeggiani
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B-069 – Differences in Characteristics and Clinical Benefits of Pivotal Trials Supporting Regulatory Approval of “Breakthrough” Drugs in the U.S. and China

Presenting Author: Xiangyun Mao
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B-070 – Applicability of Real-World Data for Healthcare Decision-Making: A Review and Comparison of Guidelines

Presenting Author: Yunxiao Wu
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B-071 – Uncertainty in Pre-approval and Post-approval Clinical Evidence of Drugs Granted Conditional Approval in China

Presenting Author: Yichen Zhang, PhD
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B-072 – Prescribing Pattern of Medicines at Orthopedics Outpatient Department of a Tertiary Care Hospital

Presenting Author: Chayna Sarkar
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B-073 – Pharmacists' Perspectives on Antibiotic Shortages: Implications for Clinical Practice in Australia

Presenting Author: Maarten Lambert, PhD
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B-074 – From Catalogue to Clarity: Characterizing Chinese Data Sources for Post-Authorization Real-World Studies

Presenting Author: Yi Wang, MBA, MPH
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B-075 – Persistence of Medical Marijuana Use Among Certified Patients in the State of Florida

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B-076 – The Inflation Reduction Act Lowers Out-of-Pocket Costs for Orally-Administered Blood Cancer Therapies

Presenting Author: Jenny L. Wu
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B-077 – Evolving Landscape of Post-Marketing Surveillance (PMS) Studies in Japan Utilising Secondary Real-World Data (RWD)

Presenting Author: Ayumi Hamaguchi
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B-078 – Stakeholder Analysis of Responses to the FDA's Discussion Paper on Artificial Intelligence and Machine Learning in Drug and Biological Product Development

Presenting Author: Elizabeth Szymanski, ScM
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B-079 – Characteristics of RWE Used in Regulatory Decision-Making for Marketing Authorization Applications (MAAs)

Presenting Author: Shivani Aggarwal, PhD, MS
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B-080 – Evaluation of Real-World Evidence in Regulatory and HTA Submissions

Presenting Author: Shivani Aggarwal, PhD, MS
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B-081 – Impact of Hospital Market Concentration on Spatial Accessibility and Inequality of Antidepressants Before and After Volume-Based Procurement in China

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B-082 – Assessing the Impact of Volume-Based Procurement on Antidepressant Accessibility and Inequality: A Four-City Cohort Study Using Drug Sales Data

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B-083 – Use of Belatacept and Tacrolimus Among Kidney Transplant Recipients from 2011-2020: Comparing United States Renal Data System (USRDS) and Scientific Registry of Transplant Recipients (SRTR)

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B-084 – Residential Proximity to the Coast and Antidepressant Medication Use: Moderating Effects of Seasonal Variation

Presenting Author: Lu Lu
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B-085 – Estimating Travel Time and Spatial Access to Insulin in China Before and After National Volume-Based Procurement: A Geospatial Analysis

Presenting Author: Lu Lu
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B-086 – Nervous System Medication Dispensing Patterns Following Teleconsultations in France from January 2021 to June 2023: A Repeated Cross-Sectional Study Using the National Health Data System

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B-087 – Missed Opportunities for Patient Recruitment in Clinical Trials for Rare Cancers

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B-088 – The Evolving Landscape of Clinical Trials in Peru

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B-089 – Optimizing Healthcare Outcomes in Ambulatory Patients through Clinical Pharmacist-Led Services

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DRUG UTILIZATION RESEARCH / OTHER

B-090 – Pharosight: A Shiny-Based Interactive Platform with LLM-Enhanced Analyses and Predictive Modeling for Real-World Prescription Data

Presenting Author: Máté Szilcz
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B-091 – Utilization of Type 2 Diabetes Mellitus Products in the Sentinel Distributed Database, 2008-2024

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B-092 – Treatment Patterns and Clinical Outcomes Among Patients With Extensive-Stage Small Cell Lung Cancer (ES-SCLC)

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B-093 – Preliminary Results from a European Post Authorization Study to Assess the Safety of Paxlovid Among Patients with Moderate or Severe Hepatic or Renal Impairment

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B-094 – Group-Based Trajectory Modeling to Assess Adherence to Chronic Urate-Lowering Therapies Among Commercially Insured U.S. Adults with Gout

Presenting Author: John G. Rizk
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B-095 – Antidiabetic Drug Utilisation After COVID-19 Infection Amongst Patients with Diabetes Mellitus Type 2: A Retrospective Cohort Study from the U.K.

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B-096 – Utilization of Migraine Treatments in Pregnancy: Results of a Regulator-Mandated Population-Based Study in four Nordic countries (EUPAS36014)

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B-097 – How Should We Estimate the Prevalence of Drug Use, Including Polypharmacy?

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B-098 – Factors Linked to Hospital-Admission of Chronic Non-Cancer Pain Patients Prescribed Long-Term Strong Opioids

Presenting Author: Muna Adan, MPharm, PhD
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B-099 – Comedication Patterns of Romosozumab Early Adopters Among Medicare Enrollees: An Unsupervised Clustering Approach

Presenting Author: Ye Liu
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B-100 – Bayesian Analysis of Factors Associated with Romosozumab Adherence Among Early Adopters in Medicare Beneficiaries

Presenting Author: Hongke Wu
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B-101 – Monitoring Pediatric Prescribing of Baricitinib in the United Kingdom During a Period Prior to Approval for Use in Patients < 18 Years of Age

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B-102 – Assessment of Analgesic Utilization and Quality of Life in Cancer Patients: A Cross-Sectional Survey

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B-103 – Use of Systemic Oral Fluoroquinolones in France Between 2014 and 2023: A Nationwide Population-Based Study Using the French National Health Data System

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B-104 – Effect of Repurposing Antihypertensive Medications on Alzheimer’s Disease and Related Dementia Risks in South Carolina

Presenting Author: Xiangxiang Jiang
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B-105 – Assessment of Utilization Patterns of New Molecular Entities Approved in 2022 using the Sentinel Distributed Database

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B-106 – Adherence to Risk Minimization Measures for Alemtuzumab Use in Multiple Sclerosis: A Drug Utilisation Study in Four European Countries

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B-107 – Uptake of Online Pharmacy Services Among Adult Patients Attending the Diabetes Clinic at the Largest Referral Hospital in Kenya and the Implications on Medicines Utilisation

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B-108 – Characteristics and Comorbidities of Amikacin Liposome Inhalation Suspension (ALIS) Initiators in U.S. Claims

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B-109 – Understanding Real-World Use of Guideline-Directed Medical Therapy in Chronic Health Failure

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B-110 – Potential Drug Interactions among Psychotropic Medications prescribed in Hospitalized Patients at a National Hospital in Peru

Presenting Author: Alejandra Zevallos
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B-111 – Assessment of Potential Drug-Drug Interactions Among Patients with Diabetes Mellitus and Hypertension

Presenting Author: Atiqulla Shariff, M.Pharm, PhD

DRUG UTILIZATION RESEARCH / TRENDS & COMPARISONS

B-112 – Trends in Outpatient Influenza Antiviral Use in U.S. Adults: 2010-2021

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B-113 – Changes in Initial Maintenance Inhaler Regimens for Canadian Patients with Chronic Obstructive Pulmonary Disease from 2018-2023: A Multi-Province Analysis

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B-114 – Temporal Trends in Clinical Characteristics and Treatment Patterns of Patients with Both CKD and T2D Initiating a GLP-1 RA and SGLT2i: Findings from a Large Database in the United States, 2014-2023

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B-115 – Variations in Antibiotic Use in Late Premature and Term Newborns in Neonatal Care In Sweden 2012-2020

Presenting Author: Huiqi Li, PhD
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B-116 – Antipsychotic Use Before and After Foster Care Enrollment Among Youth in Medicaid

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B-117 – Initial Opioid Prescriptions for Non-Cancer Patients in Yinzhou China: A Retrospective, Observational Study Based on Regional Medical Data During 2011-2023

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B-118 – Bibliometric Analysis of Global Research Trends and Themes in ADHD

Presenting Author: Jeong Ah Kim
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B-119 – Real-World Utilization Patterns and Adherence to Subcutaneous and Oral Semaglutide in Adults with Type 2 Diabetes Treated in U.K. Primary Care

Presenting Author: Franziska S. Ulrich
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B-120 – Optic Neuritis and Corticosteroid Utilization among Patients with Multiple Sclerosis: An Electronic Medical Records Study

Presenting Author: Jieni Li, PhD, MPH
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B-121 – Yearly Prevalence of Polycystic Ovary Syndrome (PCOS) Diagnosis in the United States and the Uptake of Management Treatment Following Diagnosis in Commercially Insured Women Aged 18-44

Presenting Author: Oluwasolape Olawore
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B-122 – Real-World Trends in Prenatal Antirheumatic Drug Utilization in Ontario, Canada: A Cross-Sectional Time Series Analysis

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B-123 – Use of Glucagon-like Peptide 1 Agonists (GLP-1's) Among Individuals Undergoing Bariatric Surgery in the United States: A Retrospective Cohort Study

Presenting Author: Minji Kim
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B-124 – Pharmacoepidemiological Study About the Usage of Antidepressants in Young Adults in Greece

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B-125 – Contact with the Health Care System Among Older Adults with HER2-Positive Metastatic Breast Cancer

Presenting Author: Shelley Jazowski, PhD, MPH
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B-126 – Oral Antibiotic Use with Focus on Fluoroquinolones During 2010-2021 in Four European Countries: Finnish Results of the HORIZON-EU project "Real4Reg"

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B-127 – Proton Pump Inhibitor Use in Infants Younger Than One Year of Age: Nationwide Cohort Study Based on the French EPI-MERES Register

Presenting Author: Marion Lassalle, PharmD
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B-128 – Medical Cannabis Use in Association with Drugs Associated with Risks of Interaction with Cannabinoids: A Longitudinal Cohort Study

Presenting Author: Zoumana Cheick Béréto, MD
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B-129 – Attention-Deficit/Hyperactivity Disorder Medication Utilization Among U.S. Adults Ages 18-64 Years with Commercial Insurance or Medicare: Implications for Design of Inferential Safety Studies

Presenting Author: Ashish Rai, PhD, MSPH, MBBS
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B-130 – Initiation of Anticoagulants During the COVID-19 Pandemic In Sweden: An Interrupted Time Series Analysis

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B-131 – Trends, Patterns, and Characteristics of Gabapentin Use Among Medicare Beneficiaries (2012-2021)

Presenting Author: GYeon Oh, PhD
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B-132 – Raloxifene Use Over Time Among U.S. Medicare Beneficiaries

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B-133 – Impact of Antibiotic Shortages on Antibiotic Utilisation in the Community: A Cross-National Comparison

Presenting Author: Maarten Lambert, PhD
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B-134 – DARWIN EU® – Paracetamol Prescribing in Europe: A Descriptive Analysis of Incidence and Prevalence Rates

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B-135 – Trends in Menopausal Hormone Therapy Dispensing in Australia Between 2014 and 2023

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B-136 – Utilization Trends of Methadone and Buprenorphine for Opioid Use Disorder in the U.S. Medicaid Population

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B-137 – Contemporary Trends in Oral Anticoagulant Use Among Patients with Atrial Fibrillation and Cancer in U.K. Primary Care

Presenting Author: Joseph Junior Damba
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B-138 – Utilization of VMAT2 Inhibitors for Tardive Dyskinesia Among Adult Antipsychotic Users

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GERIATRIC PHARMACOEPIDEMIOLOGY

B-141 – Increased Incidence of Parkinson's Disease Associated with Antiepileptic Medication Use

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B-142 – Antithrombotic Treatment After Left Atrial Appendage Occlusion in Older Atrial Fibrillation Patients

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B-143 – Discontinuation Pattern of Disease-Modifying Therapies Among Older Adults with Multiple Sclerosis

Presenting Author: Jieni Li, PhD, MPH
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B-144 – Trends in Drug-Drug Interactions Among U.S. Older Adults, 2015-2016 Vs. 2021-2023

Presenting Author: Dima M. Qato, PharmD, MPH, PhD
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B-145 – Timing of Symptomatic Treatment Discontinuation on Neuropsychiatric and Functional Outcomes in Alzheimer's Disease and Related Dementias

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DRUG-DRUG INTERACTION

B-139 – A Comparative Evaluation of Potential Rivaroxaban Drug Interactions from Four Database Programs

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ENVIRONMENTAL PHARMACOEPIDEMIOLOGY

B-140 – Estimating the Burden of Viral Disease Using the Comparative Risk Assessment Framework from the Global Burden of Disease Study – Two Case Studies Assessing the Impact of Influenza and Respiratory Syncytial Virus

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B-146 – Double Burden: Anticholinergic and Sedative Medication Impact on Older Adults' Health Outcomes

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B-147 – Impact Analysis of the Recent Policy Interventions for Regional Polypharmacy Reduction in Japan with High Older Population: A Nationwide Serial Cross-Sectional Study (April 2020-March 2023)

Presenting Author: Takehiro Ishida
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B-148 – REpositioning of Medications IN Dementia (REMIND): Evaluating Fitness for Purpose of the SNDS French Nationwide Claims Database

Presenting Author: Laure Carcaillon-Bentata
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B-149 – Constructing a Frailty Index (FI) Using the Behavioral Risk Factor Surveillance System: Application in Lung Cancer Screening

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B-150 – Determinants Associated with Use of Angiotensin II Inhibiting Vs Angiotensin II Stimulation Antihypertensive Medications Among Medicare Beneficiaries

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B-151 – Difference in Awareness of Osteoporosis and Bone Mineral Density Testing between Older Men and Womens

Presenting Author: Feng-Hua Loh, PhD

B-152 – AI-Assisted Medication Management: Reducing Risks and Costs in Hyper-Polypharmacy Patients

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B-153 – Improving Quality-of-Care and Preventing Iatrogenesis for a Healthy Ageing – A Survey on Portuguese Healthcare Professionals

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B-154 – A Qualitative Study on Iatrogenesis: Perspectives from Healthcare Professionals

Presenting Author: Maria Teresa Herdeiro
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B-155 – Disparities in Nonpharmacologic Chronic Pain Treatments for Older Adults with Alzheimer's disease and Related Dementias

Presenting Author: Fiona Bhondoeckhan, MS
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B-156 – Motor Vehicle Crash Risk in Older Adults with Alzheimer's Disease After Acetylcholinesterase Inhibitor Initiation: A Sequential Target Trial Emulation

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B-157 – Aetiology, Prevalence and Pharmacological Management of Rheumatoid Arthritis Among Geriatrics at Kenyatta National Hospital (2018-2022)

Presenting Author: Yvonne K. Keraka, BPharm

B-158 – Central Nervous System (CNS) Medication Use Patterns Before Suicide Among Older Adults

Presenting Author: Theodore Tianyi Miao
Co-Authors: Máté Szilcz // Jonas Wastesson
Kristina Johnell

HEALTH ECONOMICS / OUTCOMES RESEARCH

B-159 – Do GLP-1 RA Medications Change the Rate of Total Knee and Hip Replacement Surgeries? Comparing Different GLP-1 RA Medications as a Proxy of Their Effect

Presenting Author: Paul Coplan, ScD
Co-Authors: N. Tracy Zheng // Jill Ruppenkamp
Anshu Gupta, PhD // Jingchuan Guo // Jiang Bian
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B-160 – Patient and Prescriber-Related Factors Associated with Return to Daily-Dispense Methadone: A Multilevel Cohort Study

Presenting Author: Ria Garg
Co-Authors: Shaleesa Ledlie // Nikki Bozinoff
Tony Antoniou // Jennifer Wyman // Beth Sproule
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Tara Gomes // Daniel McCormack

B-161 – Change in Healthcare Use Before and After COVID-19 Using Data From 1.5 Million Individuals in Sweden

Presenting Author: Erik Bülow, PhD
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Robert Sigström, MD, PhD // Huiqi Li, PhD
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Magnus Gisslen, MD, PhD // Carl Bonander, Prof
Jörgen Månsson, MD, Prof // Kristoffer Strålin, PhD
Fredrik Nyberg, Prof

B-162 – Artificial Intelligence-Based Estimation of the CGI-I to Address Gaps in Real-World Data and Increase Study Sample Size

Presenting Author: Michelle B. Leavy, MPH
Co-Authors: Zachary Bryant, PharmD // Costas Boussios, PhD
Carl D. Marci, MD

B-163 – Health Utilities in Unresectable Hepatocellular Carcinoma: Subgroups Analyses in the IMbrave150 Trial

Presenting Author: Chien-Yu Tseng, PharmD
Co-Authors: I-Ting Wang, PhD // Christopher Kaufmann, PhD
Earl Morris, PharmD, MPH, PhD // Ching-Tso Chen, MD
Yi-Wen Tsai, PhD

B-164 – Clinical and Cost Impact of Long COVID in the Medicare Population: A Self-Controlled and Propensity Score Matched Case-Control Study

Presenting Author: Yirun Li
Co-Authors: Ruihua Yin // Joshua Johnson, PharmD
Sahanna Ravinuthala // John Wallihan
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B-165 – Clinical and Economic Burden Associated with Dural Tears Among Patients Undergoing Spinal Discectomy: A Retrospective Database Analysis

Presenting Author: Barbara H. Johnson, MBA
Co-Authors: Sinchana T. BE // Amitha Kumar, MS, MBA
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B-166 – Employee Care Partners of Spouses with Parkinson's Disease: Analysis of Patient and Care Partner (Direct Medical, Rx, and Total) Costs and Care Partner Lost Work Time

Presenting Author: Richard A. Brook, MS, MBA
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B-167 – Antihypertensive Treatment Persistence and Direct Medical Cost in Acute Coronary Syndrome Patients Post-Percutaneous Coronary Intervention: Insights from Indonesia

Presenting Author: Erna Kristin
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B-168 – Antihypertensive Treatment Persistence and Direct Medical Cost in Acute Coronary Syndrome Patients Post-Percutaneous Coronary Intervention: Insights from Indonesia

Presenting Author: Danielle Chun
Co-Authors: James Roose // Xin Ma // Meng Yang

B-169 – Evaluation of Completeness of Patients' Follow Up in a Hospital Healthcare Database by Matching with a Closed Claims Database Among Atrial Fibrillation Patients

Presenting Author: Paul Coplan, ScD
Co-Authors: Mingkai Peng, PhD // Shumin Zhang, MD ScD

B-170 – Spending, Utilization, and Price Trends for Anti-Obesity Medications in U.S. Medicaid Programs: A Comprehensive Analysis from 1999 to 2023

Co-Authors: Abdulrahman A. Alsuhibani, PhD
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B-172 – Comparative Meta-Analysis of the Efficacy and Safety of Targeted Therapy and Immunotherapy Combined with Chemotherapy Versus Conventional Chemotherapy in Recurrent or Metastatic Head and Neck Cancer

Presenting Author: Avinash Khadela, PhD
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Jayesh Beladiya, PhD

B-173 – Prevalence of Symptoms among Self-Reported Interstitial Cystitis Patients: A Longitudinal Study Leveraging an Integrated Database

Presenting Author: Deborah Kuk, MS
Co-Authors: Valmeek Kudesia, MD
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B-174 – Transcending Barriers to Pain Care in Rural America: A Pragmatic Comparative Effectiveness Trial of Evidence-Based, on-Demand, Digital Behavioral Treatments for Chronic Pain

Presenting Author: Jeffrey R. Curtis
Co-Authors: Brennan Spiegel // Yashar Eshraghi
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Emily Holladay, MPH // Sam Eberlein

B-175 – Impact of Pharmaceutical Care on the Quality-Adjusted Life Years in Diabetic Foot Ulcer Patients – A Randomized Controlled Trial

Presenting Author: Uday Venkat Mateti, PharmD, PhD
Co-Authors: Barma Naga Raju, PharmD, PhD
Caren D'Souza, MBBS, MD // Neevan D'Souza, MSc, PhD

B-176 – Catheter Ablation Versus Antiarrhythmic Drugs for Treatment of Atrial Fibrillation in Patients with Concomitant Heart Failure with Preserved Ejection Fraction (HFpEF)

Presenting Author: Uday Venkat Mateti, PharmD, PhD
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B-177 – Effect of Antihypertensive Medications on Economic Burden Among Alzheimer's Disease and Related Dementia Medicaid Beneficiaries in South Carolina

Presenting Author: Xiangxiang Jiang
Co-Authors: Z. Kevin Lu // Gang Lv // Jing Yuan

B-178 – Accessing the Effectiveness of a Telephonic Medication Adherence Program Among Medicare Members

Presenting Author: Ruicui Liu
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Mohit Singha // Jason Scott, PhD

B-179 – Comparative Risk of Hip Fracture Among Medicare Beneficiaries Initiating GLP-1 Receptor Agonists Vs. SGLT2 Inhibitors

Presenting Author: Wenxi Huang
Co-Authors: Paul Coplan, ScD // Tracy Zheng
Jiang Bian // Jingchuan Guo

B-180 – Comparative Risk of Hip and Knee Arthroplasty Among Medicare Beneficiaries Initiating GLP-1 Receptor Agonists Vs. SGLT2 Inhibitors

Presenting Author: Wenxi Huang
Co-Authors: Paul Coplan, ScD // Tracy Zheng
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B-181 – Impact of Serum Creatinine Trajectories Associated with Drug-Related Acute Kidney Injury and Major Adverse Kidney Events in Critically Ill Patients

Presenting Author: Xiaojiang Guo
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B-182 – Cost-Effective Interventions to Prevent Prescription Drug Misuse: A Systematic Review

Presenting Author: L. Yesenia Rodríguez, PharmD
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B-183 – Systematic Review: Cost-Benefit Analysis of Rivaroxaban Versus Warfarin Using a Decision Tree Model

Presenting Author: Nana Pimaa Akrofi-Addo
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HEALTH EQUITY

B-184 – Equity in Pharmacoepidemiology: Improving Understanding of Use, Benefits, and Risks of Medicinal Products in Human Populations

Presenting Author: Eileen E. Ming, MPH, ScD, FISPE
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 Elizabeth S. Russell, PhD, MSc

B-185 – Evaluation of Productivity Losses Due to Premature Mortality from Head and Neck Cancer in Northeast India: A Population-Based Cost Analysis

Presenting Author: Christy Thomas, MPharm, PhD
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B-186 – Impact of Social Determinants of Health on Receipt of Guideline-Concordant Infection Prophylaxis Among Medicare Beneficiaries with Antineutrophil Cytoplasmic Antibody (ANCA)-Associated Vasculitis

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B-187 – Inequities in the Use of Orally-Administered Antimyeloma Therapies Granted Accelerated Approval

Presenting Author: Shelley Jazowski, PhD, MPH
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B-188 – Safety and Effectiveness of Cemiplimab in Combination with Platinum-Doublet Chemotherapy by Demographic Characteristics in First-Line Treatment of Advanced Non-Small Cell Lung Cancer: An Ongoing Real-World Evidence Study

Presenting Author: Alexi Archambault
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B-189 – Representativeness of Vulnerable Populations in Randomized Controlled Trials Evaluating the Efficacy and Safety of SGLT-2 Inhibitors: A Systematic Review and Meta-Analysis

Presenting Author: Flory T. Muanda
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B-190 – Estimating Prevalence for 50 Common Nonfatal Health Conditions by Race/Ethnicity and County in the United States, Incorporating a Novel Correction for Healthcare Access Disparities

Presenting Author: Assaf P. Oron, PhD
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 Laura Dwyer-Lindgren, PhD

B-191 – Setting Diversity Goals For Clinical Trials: Epidemiologic Considerations

Presenting Author: Shahrzad Salmasi
 Co-Author: Eric K. Gemmen

B-192 – Racial and Ethnic Representation in U.S. Based Developmental and Epileptic Encephalopathy Clinical Trials: A Retrospective Analysis

Presenting Author: Melanie Baker
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B-193 – Characterizing Latent Tuberculosis and Screening among Individuals diagnosed with Active Tuberculosis Disease in the United States

Presenting Author: Danae Black, PhD
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B-194 – Association Between Older Adults' Socioeconomic Status and Their Healthcare Experiences, Preferences, and Attitudes Towards Medications: A Cross-Sectional Study in 14 Countries

Presenting Author: Enriqueta Vallejo-Yagüe, PhD, Pharm
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B-195 – Real-World Data Considerations to Generate Estimates of Race and Ethnicity Distributions for Clinical Trial Diversity Plans

Presenting Author: Eric K. Gemmen
 Co-Author: Jeffrey S. Brown, PhD

B-196 – Making it CLEAR: Using An AI-Assisted Health Literacy Tool to Increase Health Equity in Healthcare and Research

Presenting Author: Mehnaz Bader
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 Ajit Jadhav // Vik Kapoor // Elise Redmann

B-197 – A Fair Individualized Risk Score for Identifying Risks of Falls Among Patients with Alzheimer Disease and Related Dementia

Presenting Author: Wei-Han Chen, MS
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 Serena Jingchuan Guo

METHODS IN PHARMACOEPIDEMIOLOGY / CONFOUNDING/BIAS

B-198 – Initial-treatment Estimates as Negative Controls for Baseline Confounding Under Low Treatment Persistence: A Real-World Application to Opioids and Diverticulitis

Presenting Author: Michael Webster-Clark
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Antonios Douros // Christopher Filliter // Robert W. Platt, PhD

B-199 – Application of Methodological Strategies to Address Unmeasured Confounding in Real-World Vaccine Safety And Effectiveness Study: A Systematic Review

Presenting Author: Jinxin Guo
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B-200 – Assessing the Potential Differential Impact of the COVID-19 Pandemic on Cardiovascular Incidence Rates in United States Claims Data

Presenting Author: Julie Barberio, PhD
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B-201 – Overlap Weighting for Residual Bias Reduction in Target Trial Emulation: An Empirical Example from Re-Analysis of Our Published Study

Presenting Author: Masato Takeuchi, MD, MPH, PhD

B-202 – Methodological Approaches to Minimizing Immeasurable Time Bias Using Marginal Structural Models

Presenting Author: In-Sun Oh, PhD
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B-203 – Aggregating and Harmonizing Registry Databases for Comparative Analyses – Lessons Learnt

Presenting Author: Eva-Maria Didden
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B-204 – Evaluation of Methods for Quantitative Bias Analysis on the Impact of Unmeasured Confounding During Planning of a Single Arm Trial with an External Comparator Arm

Presenting Author: Miriam Haviland, PhD
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B-205 – Narrative and Analytical Methods to Assess Bias and Pool Results of Studies Associated with Fall-Related Injuries

Presenting Author: Jimmie Roberts, PhD, MPH
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B-206 – Methodological Considerations About Policy Impact on Studies of Pregnancy Registries and Maternal/Infant Outcomes

Presenting Author: Kathleen (Shannon) Torman, MPH
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B-207 – Random Patient Selection in Retrospective Chart Review Studies: Cases, Considerations and Insights

Presenting Author: Lauren Gianchetti, MPH
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B-208 – Leveraging Multiple-Country Data Sources for a Comparative Drug Safety Study: Complexities and Rewards in Pharmacoepidemiology

Presenting Author: Sarah-Jo Sinnott
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B-209 – Defining Cancer Outcomes Using Primary Care Versus Hospitalization Data: A Case Study of GLP-1 RAs and Endometrial Cancer Incidence

Presenting Author: Sonny Rothman, MSc
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METHODS IN PHARMACOEPIDEMIOLOGY / MEASUREMENT METHODS

B-210 – Acetaminophen Use During Pregnancy and the Risk of Childhood Attention-Deficit/Hyperactivity Disorder (ADHD): A Quantitative Bias Analysis

Presenting Author:
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B-211 – Evaluation of a Pregnancy Algorithm Using Multiple Data Sources

Presenting Author: Gabriela Vazquez Benitez
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Kristin Palmsten

B-212 – Adaptive Multi-Wave Sampling for Efficient Chart Validation

Presenting Author: Georg Hahn, PhD
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B-213 – Integrating the Patient Perspective Within Real-World Evidence: A Case Study Linking Routinely Collected Patient-Reported Outcomes and Electronic Health Records from Mass General Brigham Healthcare System

Presenting Author: Mei Sheng Duh
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Peter Meyers, BS // Greg Belsky, BS // Yichuan Grace Hsieh
Christopher Herrick, MBA // Shawn Murphy

B-214 – Assessing the Incidence of Major Adverse Cardiovascular Events in Medicare Data during the COVID-19 Pandemic

Presenting Author: Yehua Wang, MSPH
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B-215 – Assessing the Risk of Hormonal Contraceptive Failure in the Presence of Drug-Drug Interactions with CYP3A4 Inducers

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B-216 – A Validation Study to Evaluate Code Based Definitions for Sickle Cell Disease, Genotypes, and Acute and Chronic Complications Using U.S. Optum Electronic Health Records

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B-217 – Development and Validation of the Knowledge, Attitude, and Practice Questionnaire for Tuberculosis Patients with Type II Diabetes Mellitus: A Study From India

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B-218 – The Inclusion of Dietary Data in Real-World Gastroenterology Studies: Insights from a Literature Review on Crohn's Disease

Presenting Author: Neil R. Brett, PhD
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B-219 – Estimating Health Care Contact Days for Medicare Beneficiaries Diagnosed with Metastatic Breast, Colorectal, Lung or Prostate Cancer, 2008-2019

Presenting Author: Avi Vaidya, MPH
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B-220 – Inverse Probability Weighting to Adjust for Informative Censoring When Estimating Desirability of Outcome Ranking (DOOR) Probabilities

Presenting Author: Madison G. Ponder
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B-221 – Development and Validation of Identification Algorithms for Five Autoimmune Diseases Using Electronic Health Records: A Retrospective Cohort Study in China

Presenting Author: Yunxiao Wu
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Xin Chen // Mengdi Zhang // Zhike Liu
Siyan Zhan, PhD, MD // Feng Sun

B-222 – Comparison of Time-to-Next Treatment and Time-to-Event Endpoints Using Real-World Data in Checkpoint Inhibitor-Treated Patients with Advanced Non-Small Cell Lung Cancer

Presenting Author: Samantha Martel
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Hillary Keenan // Meng Yang

B-223 – Challenges and Learnings from a Prescription Sequence Symmetry Analysis Replication Study to Inform a Reusable Negative Control Programming Tool

Presenting Author: Hozefa A. Divan, PhD, MSPH
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- B-224 – Towards Optimizing Identification of First Line of Therapy (LOT) for Metastatic Lung, Breast and Colorectal Cancer in Real World Data: A Scoping Review**
Presenting Author: Oluwadamilola Onasanya, MD, MPH
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Jocelyn R. Wang // Manila Hada
Hélène Denis, PharmD // Soko Setoguchi // Ilse Truter
Luciane C. Lopes // Ruth Dixon, PhD
- B-225 – Utility of Restricted Mean Duration of Response as an Intermediate Outcome in Advanced Non-small Cell Lung Cancer**
Presenting Author: Rachael DiSantostefano, MS, PhD
Co-Authors: Eileen Curran, PhD // Charlene Wong, MPH
Rajesh Bandekar // Qing Huang, PhD // Chen Hu
- B-226 – Characterization of Confounding Covariate Data Capture in the U.S. Food and Drug Administration’s Sentinel Distributed Database**
Presenting Author: Ashish Rai, PhD, MSPH, MBBS
Co-Authors: Jummai Apata, MBBS, DrPH
Diane Emerton, MS // Youjin Wang // Wei Liu
- B-227 – The Impact of COPD Severity Misclassification on Patients with Different Comorbidities Using a Validated Process: A Nationwide Cohort Study**
Presenting Author: Ju-Ling Chen
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Yea-Huei Kao Yang
- B-228 – Evaluation of Database-Derived Real-World Disease-Free Survival (rwDFS) in Resected Non-Small Cell Lung Cancer (NSCLC)**
Presenting Author: Yu-Han Kao
Co-Authors: Xiaohan Hu // Zhi Wang, PhD
Giovanna I. Cruz, PhD, MS // Hina Mohammed, MPH
Ashwini Arunachalam
- B-229 – Validation of Diagnostic Codes for Identifying Chlamydial Infections from TriNetX Electronic Health Record Data in the United States**
Presenting Author: Lin Li, MD, PhD
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Kexin Zhu, PhD // Konstantin Kozmenko, MD
Valerie Bosch Castells, MPH // Sandra S. Chaves, MD
- B-230 – Optimizing the Identification and Classification of Non-Small Cell Lung Cancer (NSCLC): Validation and Implementation of a Patient Cohort Algorithm in Claims Databases**
Presenting Author: Shilpa Viswanathan
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Francesca Kolitsopoulos // Riddhi Patel
Thejus Nambiar // Bharath Reddy // Michael Peng

- METHODS IN PHARMACOEPIDEMIOLGY / STUDY DESIGN**
B-231 – Comparison of Prevalent New-User and Sequential Trial Designs for Studying the Real-World Effects of Treatment Discontinuation in Cystic Fibrosis
Presenting Author: John Tazare
Co-Authors: Elliot McClenaghan, MPH // Julie Rouette, PhD
Emily Granger // Gwyneth Davies // Ruth H. Keogh
- PEDIATRIC PHARMACOEPIDEMIOLGY**
B-232 – Antipsychotic Use in Youth and Children: A Cohort Study from Catalonia (Spain) of Treatment Patterns
Presenting Author: Ainhoa Gomez-Lumbreras, MD, PhD
Co-Authors: Ana Garcia Sangenis // Cristina Vedia, MD, PhD
Rosa Morros, MD, PhD
- B-233 – Trends in Utilization of Chronic Asthma Medications Among Publicly Insured Children in the U.S.: 2003 to 2020**
Presenting Author: Celeste L.Y. Ewig
Co-Authors: Nicole E. Smolinski, PharmD, PhD
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- B-234 – Impact of Three Antimalarial Therapies on Renal Function in Nigerian Children with Uncomplicated Plasmodium Falciparum Infection**
Presenting Author: Zacchaeus F. Olofin, MB, BS, MSc
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Catherine O. Falade, MB, BS, MSc, FWACP, FMCP
- B-235 – Acid-Suppressive Medications and Risk of Childhood Asthma: A Meta-Analysis of Observational Epidemiological Studies**
Presenting Author: Tien Tran, PharmD, MPH
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- B-236 – Correlation of Staphylococcus Aureus (S. Aureus) and Methicillin-Resistant Staphylococcus Aureus (MRSA) Carriage in Caregiver and Children**
Presenting Author: Natalie Tsz Ying Tsie, MPH
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Keith Tsz Suen Tung // Hing Wai Tsang
David Christopher Lung // Celine Sze Ling Chui
- B-237 – Risk factors for Staphylococcus Aureus (S. Aureus) and Methicillin-resistant Staphylococcus Aureus (MRSA) Carriage in Children: A Case-Control Study**
Presenting Author: Natalie Tsz Ying Tsie, MPH
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Keith Tsz Suen Tung // Hing Wai Tsang
David Christopher Lung // Celine Sze Ling Chui

- B-238 – Risk Prediction Models for Adverse Drug Reactions in Pediatric Patients: A Systematic Review**
Presenting Author: Ruonan Gao
Co-Authors: Jianing Liu // Liang Huang // Linan Zeng
Hailong Li // Lingli Zhang
- B-239 – Incidence of Post-Partum Hemorrhage and Amount of Blood Loss in the Netherlands**
Presenting Author: Eleonora Iob
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Fernie Penning-van Beest // Nikita Jeswani
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- B-240 – Treatment-Resistant Depression (TRD) in Children and Adolescents and Its Life-Course Determinants**
Presenting Author: Beatrice Cosentino
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- PEDIATRICS**
B-244 – Identification of Neonatal Jaundice from Automated Electronic Health Record Data
Presenting Author: Kristin Palmsten
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- PHARMACOVIGILANCE / CANCER**
B-246 – Safety of Immune Checkpoint Inhibitors: A Systematic Review of Disproportionality Analysis Studies
Presenting Author: Rathod Mahesh, PhD
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- B-247 – Understanding the Natural History of Heart Failure by Ejection Fraction: A Systematic Review of Common Comorbidities, Readmission Rates, and Mortality Rates**
Presenting Author: Xinyue Liu, PhD, MS
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- B-248 – Sacubitril-valsartan and Risk of Ototoxicity: A Disproportionality Analysis**
Presenting Author: Flory T. Muanda
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- B-241 – Prevalence of Adolescent Drug Overdose by Drug Involvement and Intent in U.S. Medicaid, 2016-2020**
Presenting Author: Kristen Lloyd, MPH
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- B-242 – Identification of Infant Congenital Malformations in a Large U.S. Insurance Claims Database**
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- B-243 – Adverse Drug Events (ADEs) Associated with Outpatient Antibiotic Fills to Children by Dentists, 2014-2019**
Presenting Author: Kawtar Zouaidi, Dr Med Dent, MPH
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- B-245 – Pediatric Acute Bacterial Skin and Soft Tissue Infections: Incidence and Antibiotic Prescriptions**
Presenting Author: Lan Jin
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- B-249 – DARWIN EU® – Incidence of Myoclonus in Heart Failure: A Descriptive Analysis in Patients Treated with Sacubitril/Valsartan and Other Treatments**
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- B-250 – Safety Assessment on the Risk of Liver Dysfunction by ACE Inhibitors Utilizing the MID-NET® in Japan**
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- B-251 – Andexanet Alfa and Potential Risk of Thrombotic Events**
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PREGNANCY & LACTATION

- B-252 – Analyzing Neonatal Mortality: A Systematic Review of Observational Study Approaches**

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- B-253 – Acute Fever-Related Infant Outcomes Following COVID-19 mRNA Vaccination During Lactation Using a Case-Time-Control Design**

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- B-254 – COVID-19 Vaccination During Pregnancy and Lactation and Infant Outpatient and Emergency Department Visits**

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Kimberly Vesco // Abbey Sidebottom
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- B-255 – Comparison of Depression Diagnosis and Treatments During Pregnancy from Electronic Health Data with Self-Reported Information**

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- B-256 – Sociodemographic Determinants and Inequities in Prenatal Healthcare in the Canadian province of Manitoba: A Population-Based Cohort Study (2010-2022)**

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- B-257 – Preliminary Results from a European Post-Authorization Study to Assess the Safety of Paxlovid in Pregnancy**

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- B-258 – Association Between Cardiac Congenital Malformations and Mothers’ Drug Use During Pregnancy in Catalonia, Spain**

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- B-259 – Development of an Infant Outcome Tree of Congenital Anomalies across ICD Eras**

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- B-260 – Development of a Pregnancy Loss Risk Score to Address Potential Confounders for Pregnancy Loss**

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- B-261 – Risk of Major Congenital Anomalies in Offspring of Patients Exposed to Treatments for Bipolar Disorder During Pregnancy**

Presenting Author: Catherine Vasilakis-Scaramozza, PhD
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- B-262 – Risk of Developmental Delay in Offspring of Patients Exposed to Treatments for Bipolar Disorder During Pregnancy**

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- B-263 – Review of Pregnancy and Lactation Use Information for Antiepileptic Medications**

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- B-264 – Differential Regulatory Approaches to the Implementation of Pregnancy Registries Between the United States and Europe**

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- B-265 – Policy Impact on Pregnancy Registry Participation and Reporting of Maternal/Infant Outcomes**

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- B-266 – Landscape and Study Design Characteristics of Prospective Observational Cohort Studies on Pregnant Women in China**

Presenting Author: Yufei Song
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- B-267 – Associations Between COVID-19 Vaccination During Pregnancy and Postpartum and Human Milk Feeding Initiation and Continuation**

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Kimberly Vesco // Abbey Sidebottom // Heather Lipkind
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- B-268 – Comparative Effectiveness of Nifedipine Versus Labetalol in Pregnancy for Risk of Pregnancy Loss and Preterm Birth**

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- B-269 – Bias Induced by Method of Pregnancy Identification in Studies of Prenatal Exposures Using Administrative Healthcare Data**

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- B-270 – Identification of Termination of Pregnancy Due to Fetal Anomaly (TOPFA) in German Claims Data**

Presenting Author: Tania Schink
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- B-271 – Adverse Pregnancy and Birth Outcomes in Women with Biopsy-Proven MASLD: A Nationwide Cohort Study**

Presenting Author: Carole Marxer
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Jiangwei Sun // Hannes Hagström // Marcus Thuresson
Olof Stephansson // Jonas F. Ludvigsson
- B-272 – Mortality and Cancer in Offspring of Mothers with Biopsy-Proven Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) During Pregnancy: A Nationwide Cohort Study**

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- B-273 – Risk of Severe Infections in Offspring of Mothers with Biopsy-Proven Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) During Pregnancy: A Nationwide Cohort Study**

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- B-274 – Leveraging Complementary Study Designs to Enhance Drug Safety Assessment in Pregnancy: Benefits and Limitations**

Presenting Author: Dinci Pennap
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- B-275 – Adherence to Recommended Antiviral Treatment Guidelines for COVID-19 and Influenza During Pregnancy**

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- B-276 – Paternal Linkage in the PHARMO Data Network: Assessing the Impact of Paternal Drug Exposure on Child Health Outcomes**

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- B-277 – Thiopurine Treatment and Intrahepatic Cholestasis of Pregnancy in Pregnancies with Systemic Lupus Erythematosus and Inflammatory Bowel Disease – A Swedish Cohort Study**

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- B-278 – Medication Use in the Pre-Conceptional, Pregnancy and Post-Pregnancy Periods, with Emphasis on Drugs for Chronic Conditions. Data of the PregVal Cohort, Spain (2009- 2021)**

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- B-279 – The Association Between Childhood Asthma and Frozen Versus Fresh Embryo Transfer in Assisted Reproductive Technology: A Nationwide Retrospective Cohort Study Using Target Trial Emulation Framework**

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- B-280 – Risk of Newborn Congenital Abnormalities after Exposure to Misoprostol during Pregnancy: A Systematic Review and Meta-Analysis**

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SAFETY OUTCOMES / OTHER

B-281 – Gabapentinoid Treatment, Concurrent Use with Opioid or Benzodiazepine and the Risk of Drug Poisoning: A Self-controlled Case Series Study

Presenting Author: Siu Chung Andrew Yuen
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B-282 – Risk of Upper Gastrointestinal (GI) Bleeding Associated with Initiation of Oral Systemic Corticosteroids Among Patients with and Without Any Pre-Existing GI Bleed

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B-283 – Risk of Hyponatremia Associated with the Use of Antidepressants: A Large-Scale Federated Data Analysis of Multiple Institutions Using Common Data Model

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B-284 – Incidence of Serious Infections in Patients with Moderate to Severe COPD: A Retrospective Analysis of U.S. Claims Data

Presenting Author: Ashley Howell
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B-285 – Validity of the International Classification of Diseases 10th Revision Codes for Lithium Toxicity in Adult Patients at Hospital Admission

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B-286 – Bisphosphonate Use and the Risk of Inflammatory Eye Reactions: A Case-Crossover Study

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B-287 – Incidence of Intraocular Inflammation Following Faricimab Treatment: A Real-World Evidence

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B-288 – Vaccination for Human Papillomavirus (HPV) and Association with Autonomic Dysfunction and Menstrual Irregularities: A Self-Controlled Case Series Analysis

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B-289 – Bleeding Risk During Use of Non-Vitamin K Antagonist Oral Anticoagulants with Telmisartan Versus Olmesartan in Patients with Non-Valvular Atrial Fibrillation

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B-290 – The Effectiveness of the Safety Communication for Concurrent Benzodiazepine-Opioid Therapy: A Retrospective Real-World Analysis

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B-291 – Opioid-related Emergency Department Visits: An Interrupted Time Series Analysis of Visits Patterns Pre, and Post COVID-19 Lockdown

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B-292 – Perinatal Outcomes After the Use of Japanese Traditional Medicines Containing Ephedra During Pregnancy: The Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study

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B-293 – Effect of Cannabis on Renal Function in Patients Using Cannabis for Medical Purposes: A Longitudinal Cohort Study

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B-294 – Comparative Risk of Hip Fracture Associated with Initiation of Z-drugs Among Patients with and Without Osteoporosis

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B-295 – NSAIDs and Gastrointestinal Bleeding: A Comprehensive Meta-Analysis of Individual Drug Risks

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B-296 – Risk of Acute Kidney Injury Associated with Nephrotoxic Burden: A Systematic Review of Observational Studies

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B-297 – Public Reporting of U.S. Food and Drug Administration Post-Marketing Requirement and Commitment (PMR/PMCs) on Drug Safety

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B-298 – Hormone Therapy and Risk of Psoriasis in Reproductive and Postmenopausal Women: A Target Trial Emulation

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B-299 – Antibiotic-Related Side Effects and Infusion Reactions in Hospitalized Bacteremia and Sepsis Patients: Essential Data for Clinical Trials and Safety Monitoring

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B-300 – The Impact of Air Pollution on Postoperative Renal Injuries: A Multicenter Observational Cohort Study of 268,867 Patients

Presenting Author: Xinchí Li

B-301 – Risk of Autoimmune Disease After COVID-19 vaccination: A Modified Self-Controlled Case Series Study

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B-302 – Treatment Associated Serious Infection in Patients with Moderate to Severe Psoriasis: A Cohort Study from U.K. and Ireland

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B-303 – Exploring the Impact of Implementing Automated Dispensing Cabinet Systems on Patient Safety and Human Resource Management in Inpatient Pharmacy Service at a Medical Center in Taiwan

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B-304 – Factors Affecting Pharmacokinetics and Dosing Strategies of Polymyxin B in Multidrug-Resistant Gram-Negative Infected Patients with Renal Impairment: A Systematic Review with Expert Opinion

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B-305 – Methotrexate Safety Monitoring in Patients with Rheumatoid Arthritis

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B-306 – Risk of Severe Exacerbation Associated with Gabapentinoid Use in Patients with Chronic Obstructive Pulmonary Disease: A Population-Based Cohort Study

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B-307 – Prevalence of Adverse Pregnancy Outcomes Associated with First-Trimester Antiepileptic Drug Exposure: Evidence from a Cohort Study in the U.S.

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VACCINES

B-308 – Safety Monitoring of Mpox Vaccines in Adults Aged 18–64 Years during the 2022 Mpox Outbreak in the U.S.

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COMPARATIVE EFFECTIVENESS RESEARCH (CER)

SLC-001 – Comparative Effectiveness of Injectable Versus Oral Pre-Exposure Prophylaxis (PrEP) for HIV Prevention

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SLC-002 – Comparison of Nephroprotective Effects Between Long- and Short-Acting Angiotensin Receptor Blockers in Diabetic Nephropathy: A Real-World Retrospective Study

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SLC-003 – Sodium-Glucose Co-Transporter-2 Inhibitor Use and Risks of Exacerbation and Pneumonia in Patients with Chronic Obstructive Pulmonary Disease and Diabetes Mellitus: A Population-Based Cohort Study

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SLC-004 – A Comparative Study of Sodium-Glucose Cotransporter-2 Inhibitors and Dipeptidyl Peptidase-4 Inhibitors on Renal Disorders in Type 2 Diabetes Mellitus

Presenting Author: Christian Billinghamurst
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SLC-005 – The Association of Glucagon-Like Peptide-1 Receptor Agonists with Depression, Anxiety, and Alcohol Misuse in Individuals with Type 2 Diabetes Mellitus

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SLC-006 – The Association of Sodium-Glucose Cotransporter-2 Inhibitors with Cancers in Individuals with Type 2 Diabetes Mellitus

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SLC-007 – Longitudinal Changes in Depressive Symptom Severity with Different Antidepressant Classes Among People with HIV

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SLC-008 – Impact of Frailty on Risk of Chronic Obstructive Pulmonary Disease Exacerbations and Pneumonia Associated with SGLT2 Inhibitors Compared to DPP-4 Inhibitors and GLP-1 Receptor Agonists in Patients with Type 2 Diabetes

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MEDICAL DEVICES

SLC-009 – Hospital Healthcare Resource Utilization and 12-Month Outcomes Following Total Hip Arthroplasty with ACTIST™ Hip System

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SLC-010 – Descriptive Evaluation of Neurovascular and Acute Myocardial Infarction Events with Different Pulsed-Field Ablation (PFA) Systems

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SLC-011 – Contraceptive Utilization, Adherence, and Pregnancy Outcomes Among Active Duty Service Women

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SLC-012 – A Framework to Detect and Quantify Operator-Learning Effects in Medical Device Safety Evaluation

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SLC-013 – Clinical Outcomes Among Patients Undergoing Lung Resection and Gastrointestinal Surgery Using Two Innovative Surgical Staplers in Routine Clinical Practice: A Multi-Institutional Database Study

Presenting Author: Stephen Fortin, PharmD MS
Co-Authors: Mingkai Peng, PhD // Jin Hao, MD
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SLC-014 – Clinical and Economic Burden Associated with Dural Tears Among Patients Undergoing Spinal Fusion: A Retrospective Database Analysis

Presenting Author: Barbara H. Johnson, MBA
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MEDICATIONS IN PREGNANCY & LACTATION (MIPAL)

SLC-017 – Trends in FDA Comments on the Design, Conduct, and Analysis of Pregnancy Exposure Registries: A Summary of Findings at a Clinical Research Organization (CRO)

Presenting Author: Laura Sayegh, MScA
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SLC-018 – Enhancing Pregnancy Drug Safety Studies: Expert Consensus on Methods and Definitions

Presenting Author: Sydney Willis, MPH, PhD
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Mette Bliddal, PhD // Leyla Sahin, MD
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SLC-019 – Relapse Risk After Antipsychotic Discontinuation During Pregnancy in Women with Bipolar and Psychotic Disorder: A Propensity-Score Matched Cohort Study

Presenting Author: Shelby Smout, PhD
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SLC-020 – Characterization of Mothers in the Sentinel Distributed Database Mother-Infant Linkage Table

Presenting Author: Bahareh Rasouli, PhD
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SLC-015 – Clinical and Economic Burden Associated with Prolonged Air Leaks Among Patients Undergoing Lobectomy: A Retrospective Database Analysis

Presenting Author: Barbara H. Johnson, MBA
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SLC-016 – Clinical and Economic Burden Associated with Complications Following Craniotomy: A Retrospective Database Analysis

Presenting Author: Barbara H. Johnson, MBA
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SLC-021 – Effectiveness of COVID-19 mRNA Primary Vaccination During Pregnancy: A Target Trial Emulation Study Using Data from 4 European Countries

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Huiqi Li, PhD // Daniel Prieto-Alhambra
Fredrik Nyberg, Prof // Daniel Morales
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SLC-022 – Safety of Nausea and Vomiting of Pregnancy Treatments: A U.S. MotherToBaby Prospective Cohort Study

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SLC-023 – In Utero Exposure to mRNA COVID-19 Vaccines During the First Trimester of Pregnancy And Risk of Congenital Anomalies: A National Cohort Study

Presenting Author: Clement Bernard
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SLC-024 – Frequent Drug Exposure During Breastfeeding: A Population-Based Cohort Study with SIDIAP Database

Presenting Author: Maria Giner-Soriano, PharmD, PhD
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PEDIATRICS

SLC-025 – High-Risk Medications in Pediatric Dentistry: Patterns, Outcomes, and Clinical Implications

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SLC-026 – Association Between Antibiotic Exposure and Response to Treatment of Juvenile Idiopathic Arthritis

Presenting Author: Daniel B. Horton, MD, MSCE, FISPE
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SLC-027 – Development and Validation of a Nomogram for Predicting the Risk of Refractory Mycoplasma Pneumoniae Pneumonia in Children

Presenting Author: Yixin Sun
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SLC-028 – Application of Pharmacokinetic Models in Real-World Data to Estimate Therapeutic Concentration in Pediatric Pharmacoepidemiology

Presenting Author: Phuong Tran, MPH
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SLC-029 – Predicting the Probability of Spontaneous Patent Ductus Arteriosus Closure to Inform Clinical Treatment Decisions for Preterm Infants

Presenting Author: Jonathan L. Slaughter, MD, MPH
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SLC-030 – Estimating Chronic Kidney Disease Prevalence in the Pediatric Population in the United States Using Clinical Electronic Health Records (EHR) Database

Presenting Author: Sangmi Kim
Co-Authors: Casey Choong
Catherine Mahoney // Madhumita Murphy

SLC-031 – Adverse events of special interest (AESI) Following COVID-19 Vaccination in Children and Adolescents Aged 5-17 Years: A Retrospective Cohort Study in South Korea

Presenting Author: Suvin Park
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SLC-032 – Prenatal Exposure to Antiseizure Medications and Risk of ADHD in Children

Presenting Author: Sherif Eltonsy
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Laila Aboulatta // Silvia Alessi-Severini // Roxana Dragan

RARE DISEASE

SLC-033 – Establishing Standing Cohorts of Refractory Lupus Patients in the Fit-for-Purpose Real-World Data (RWD) Sources to Facilitate Contextualization of Upcoming Clinical Trial Safety Data: A Feasibility Project

Presenting Author: Elodie Aubrun
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SLC-034 – Trends in Type 1 Diabetes Mellitus Onset Among Youth Aged 0 to 20 in Korea Before and After COVID-19: A Nationwide Health Insurance Claims Data Analysis, 2003-2022

Presenting Author: Nakyung Jeon
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SLC-035 – Effect of Anemia on Mortality in Janus Kinase Inhibitors Users with Myelofibrosis: A Nationwide Cohort Study

Presenting Author: Minjeong Jeon, PharmD
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SLC-036 – Characteristics and Mortality of Patients with Pulmonary Arterial Hypertension in France: A 2010-2023 Nationwide Study from the French Health Data System (SNDS)

Presenting Author: Charifa Nazoiri, PharmD
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SLC-037 – Implementing and Validating an Algorithm for Identifying ATTR-CM patients in the PHARMO Data Network

Presenting Author: Eleonora Iob
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SLC-038 – Diagnosis Patterns of Retinal Vasculitis in Real-World Data

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SLC-039 – Rare Findings: Characterizing External Control Arm Studies Assessed by FDA for Drugs and Biologics in Rare Disease

Presenting Author: Camryn Lieb, ScM
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SLC-040 – Application of Observational Research Methods to Real-World Studies for Rare Disease Treatments: A Scoping Review

Presenting Author: Mina Tadrous, PhD
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REAL-WORLD EVIDENCE COLLABORATIVE

SLC-041 – Remdesivir and Renal Outcomes in Hospitalized COVID-19 Patients Without Severe Renal Impairment: A Retrospective Cohort Study

Presenting Author: Xiaotong Li
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SLC-042 – Characterizing Neuropsychiatric Adverse Events of Semaglutide Reported in FAERS: Analysis of Off-Label and on-Label Use

Presenting Author: Taraneh Mousavi, PharmD, PhD Student
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SLC-043 – Utilization of Real-World Evidence in Drug Approvals at the European Medicines Agency from 2020 to 2023

Presenting Author: Nils Krüger
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SLC-044 – Validity of German ICD-10-GM Diagnosis Codes for Myocardial Infarction against Chart Review of Electronic Health Records

Presenting Author: Nils Krüger
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SLC-045 – Mapping the Overall Safety Profile of Levothyroxine-Related Adverse Events: a Disproportionality Analysis on Individual Case Safety Reports Collected by the FAERS

Presenting Author: Flory T. Muanda
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SLC-046 – Real-World Effectiveness of Osteoporosis Medications in Reducing Fracture Rates Among Men

Presenting Author: Yu Ren
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SLC-047 – EU-Wide Survey on Key Stakeholders' Knowledge, Opinions and Interests on Real-World Evidence in the Regulatory Process

Presenting Author: Jonas Peltner
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SLC-048 – Association Between COVID-19 and Thrombotic Events: Using Super Learner Algorithm Combined with Doubly Robust Methods

Presenting Author: Xi Wang, PhD
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VACCINES

SLC-049 – Risk of Atrial Fibrillation After Bivalent COVID-19 Vaccination During the 2022-2023 Season

Presenting Author: Lina S. Sy, MPH
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SLC-050 – Effectiveness of Booster (Third-Dose) COVID-19 Vaccination During Pregnancy: A Target Trial Emulation Study Using 4 European Databases

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Fredrik Nyberg, Prof // Hedvig M.E Nordeng
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SLC-051 – A Pregnancy Registry to Evaluate the Safety of CYD Tetravalent Dengue Vaccine Among Inadvertently Exposed Pregnant Women and their Offspring

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SLC-052 – Safety Evaluation of Multiple Vaccination Regimens for the Elderly in Japan: The VENUS Study

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SLC-053 – Risk of Venous Thrombosis with Thrombocytopenia Syndrome After Vaccination with AZD1222: A European VAC4EU Post-Authorisation Safety Study

Presenting Author: Cristina Rebordosa, MD, PhD
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SLC-054 – Risk Factors for Myocarditis/ Pericarditis Following mRNA-1273 Vaccination: Interim Analysis of a VAC4EU Case-Cohort Study

Presenting Author: Laura Zwieters, MPhil
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SLC-055 – Clinical Course and Outcomes of Myocarditis/Pericarditis Cases Following mRNA-1273 Vaccination Compared to Cases Not Following COVID-19 Vaccination: Interim Analysis of a VAC4EU Cohort Study

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SLC-056 – COVID-19 Vaccine Effectiveness Against Post COVID-19 Condition Among 1,292,557 Individuals with Pre-Existing Immunity Against SARS-CoV-2: A Population-Based Cohort Study

Presenting Author: Lisa Lundberg-Morris, MD
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COMPARATIVE EFFECTIVENESS RESEARCH (CER)

C-001 – Denosumab Use and Cataract Risk in Patients with Osteoporosis: A Propensity Score-matched Cohort Study

Presenting Author: Shu-Man Lin, MD
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C-002 – SGLT2 Inhibitors and Nephrolithiasis Risk in Patients with Type 2 Diabetes: A Cohort Study and Meta-analysis

Presenting Author: Huei-Kai Huang, MD, PhD
Co-Authors: Jia-Ai Yeh // Yu-Chang Liu, MD
Amy Huaishuan Huang, MD // Carol Chiung-Hui Peng, MD
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DIGITAL EPIDEMIOLOGY

C-003 – Characterizing Smoking Behavior from EMR-based Problem Text Strings in a U.S. Database to Inform Disease Prediction for Lung Cancer Detection

Presenting Author: Hozefa A. Divan, PhD, MSPH
Co-Authors: Fangyu Li, PhD // Melissa Santorelli, PhD, MPH

C-004 – Identifying Predictive Algorithms for Peri or Post Menopause Symptom Clusters Using Real-World Data (RWD)

Presenting Author: Mu-Chun Chiu
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DISEASE EPIDEMIOLOGY / CLINICAL COURSE / NEUROLOGICAL / MENTAL HEALTH

C-005 – Association between Sodium-Glucose Co-Transporter 2 Inhibitors and Risk of Post-Stroke Epilepsy

Presenting Author: Albert Tzu-Ming Chuang, PharmD
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C-006 – Characterizing Treatment and Burden of Disease in Adolescents with Schizophrenia

Presenting Author: Melanie H. Jacobson
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Dmytro Dymshyts // David M. Kern, PhD

C-007 – Long-Term Incidence of Psychoactive Medication Prescribing and Psychiatric Condition Occurrence Following ICU Admission with Mechanical Ventilation

Presenting Author: Ting Ting Wu, PharmD, PhD
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Joseph O. Bienvenu, MD, PhD // John W. Devlin, PharmD

C-008 – Regional and Socioeconomic Disparities in the Lifetime Risks of Stroke and Its Risk Factors: A Comprehensive Analysis from 1990 to 2021: a systematic analysis for the Global Burden of Disease Study 2021

Presenting Authors: Yuhao Li // Shengfeng Wang

C-009 – Diagnostic Value of Thyroid-function Test, Fasting Lipid Profile and Hematological Parameters in Spontaneous Intracerebral Hemorrhage

Presenting Author: Ashish A.
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C-010 – Effectiveness of Non-Pharmacological Interventions for Insomnia in Children and Young Adolescents with Attention Deficient Hyperactivity Disorder (ADHD): A Systematic Review and Meta-Analysis

Presenting Author: Muna Adan, MPharm, PhD
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C-011 – Geographic and Temporal Patterns of Psychotropic Prescriptions for Patients with Schizophrenia in Brazilian Public Healthcare System

Presenting Author: Djanilson Barbosa Santos, PhD
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C-012 – Defining the Prodromal Phase In Amyotrophic Lateral Sclerosis: A Nationwide Registry-Based Study

Presenting Author: Magne Solheim
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Marianna Cortese // Ole-Bjørn Tysnes // Kjetil Bjørnevik

C-013 – Characterization of the Alzheimer's Disease (AD) Population Within England Using Electronic Health Records: A Clinical Practice Research Datalink Study (CPRD) Using AD Algorithms

Presenting Author: Ana Sofia Afonso, DVM, MSc, PhD
Co-Authors: Krista Schroeder // Lucy Mitchell
Natacha Carragher // Caroline Casey // Niraj Patel

C-014 – Characterization of the Alzheimer's Disease (AD) Population with Down Syndrome (DS) Within England Using Electronic Health Records: A Clinical Practice Research Datalink Study (CPRD) Using AD Algorithms

Presenting Author: Ana Sofia Afonso, DVM, MSc, PhD
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Natacha Carragher // Caroline Casey // Niraj Patel

C-015 – Examining the Association Between Marijuana Use and Depression Among U.S. Adults: An Analysis of NSDUH Data

Presenting Author: Peterkings Jokoh, B.Pharm, MPH
Co-Authors: Moosa Tatar, PhD

DISEASE EPIDEMIOLOGY / CLINICAL COURSE / OTHER

C-016 – Characterizing Dupilumab-Naïve Patients with Bullous Pemphigoid Using U.S. Administrative Claims Data

Presenting Author: Shiyao Gao
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Petar Gjorgiev // Andrea Marcus

C-017 – Changes in the Incidence of Adverse Events of Special Interest After Diagnosis of Covid-19 Between November 2020 and January 2024

Presenting Author: Daina B. Esposito, MPH, PhD
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Brian Conroy // Katherine Mues // Lei Zhu
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C-018 – Comparing Patterns of Hepatitis C Events by Treatment in Commercially-Insured Individuals with Opioid Use Disorder

Presenting Author: Uzma Pathan
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C-019 – Rate of Bowel Resection Surgeries Among Children with Inflammatory Bowel Disease

Presenting Author: Lauren E. Parlett, PhD
Co-Authors: Michael Phillips // Michael Kappelman

C-020 – Paradox Association Between Body Mass Index with Occurrence and Fatality of Venous Thromboembolism in Hospitalized Patients: A National Hospital-Based Analysis

Presenting Authors: Yuhao Li // Shengfeng Wang
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C-021 – Age-Specific Associations and Attributable Burden of Risk Factors for All-Cause and Cause-Specific Mortality in Patients with Chronic Kidney Disease

Presenting Author: Jie Mei
Co-Authors: Yuk Kam Yau // Emily Tsui Yee Tse
Peter Tanuseputro // Cindy Lo Kuen Lam // Eric Yuk Fai Wan

C-022 – Exploring the Prognostic Importance of Serum Phosphate Levels and Hyperphosphatemia on Mortality and Composite Endpoints In Non-Dialysis CKD Patients: A Real-World Evidence Study

Presenting Author: Ishfaq Rashid, PhD
Co-Authors: Pramil Tiwari, PhD // Sanjay D'Cruz, MD, DM
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C-023 – A Profile Study of Characteristics and Treatment of Preterm and Term Births in the United Sates: An Analysis of the CDC WONDER Database, 2016-2023

Presenting Author: Xuezheng Sun, Dr
Co-Authors: Wenhao Wang // Daniel Fuentes, PharmD

C-024 – Plasma Vitamin D Status and Its Association with Biochemical, Clinical and Humanistic Outcomes in Diabetic Foot Infection Patients: A Prospective Observational Study in a Tertiary Healthcare Facility

Presenting Author: Sonal Sekhar Miraj, M Pharm, PhD
Co-Authors: Shilia Jacob Kurian, PharmD
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C-025 – The Burden of Physical and Psychological Symptoms Among Patients with Asthma in Jordan

Presenting Author: Abdallah Y. Naser
Co-Authors: Sami Qadus // Ayat Eaed Al Aadmat

C-026 – Atopic Eczema and Subsequent Hospital-Recorded Diagnoses: An Outcome-Wide Study

Presenting Author: Julian Matthewman
Co-Authors: Anna Schultze // Krishnan Bhaskaran
Kathryn Mansfield // Spiros Denaxas // Sinéad Langan

C-027 – Considerations for Estimating Prevalence And Incidence Based on Systematic Literature Review: An Example in Geographic Atrophy

Presenting Author: Rose Ong
Co-Authors: Cornelia Santoso // Eva-Maria Didden
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C-028 – A Retrospective, Non-interventional Cohort Study of Visual Acuity Changes in Patients with Interstitial Cystitis Receiving Pentosan Polysulfate Sodium

Presenting Author: Zhong Yuan, MD, PhD
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C-029 – Estimating the Effect of Hepatitis C on End-of-Treatment Outcomes Under Adequate Adherence to Strong Multidrug- and Rifampicin Resistant Tuberculosis Regimens

Presenting Author: Allison LaHood, MSc
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Nara Melikyan // Carole Mitnick // Michael L. Rich
Kwonjune Seung // Muhammad Rafi Siddiqui
Alena Skrahina // Assel Stambekova
Girum B. Tefera // Molly F. Franke

C-030 – Obesity and Obesity-Related Metabolic Factors and Incident Diverticulitis Risk in a U.S. Cohort of Women

Presenting Author: Disha Subramaniam, MA
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C-031 – Understanding the Age-Specific Risk Factors for COVID-19: A Machine Learning Approach

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C-032 – Lyme Disease Reinfections: An analysis of US Health Insurance Claims Data

Presenting Author: Emma Viscidi
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C-033 – Prevalence and Incidence of Cutaneous Lupus Erythematosus: A Systematic Literature Review

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C-034 – Psychological Effects of Preterm Birth on Mothers: A Scoping Review

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C-035 – Does COVID-19 Relate to Adverse Maternal Outcomes? Risk of Cesarean Section and Preterm Birth Among Japanese Women with COVID-19 During Pregnancy

Presenting Author: Rion Xu
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C-036 – Incidence Rates of Suicidality Related Events in Patients with Specific Chronic Skin Conditions

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C-037 – Hospitalization Risk in Persons with and Without HIV Initiating Metformin for Type 2 Diabetes

Presenting Author: Alan Kinlaw
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C-038 – Association of Hepatitis B Surface Antigen Loss (HBsAg) with Clinical Outcomes Among Patients with Chronic Hepatitis B Virus (HBV) Infection: A Retrospective Cohort Study in the United States (U.S.)

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C-039 – DARWIN EU® – Paracetamol Overdose: A Descriptive Analysis of Incidence Rates and Patient Characteristics

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C-040 – Levetiracetam and the Risk of Thrombocytopenia: Active-Comparator Restricted Disproportionality Analysis

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C-041 – Active Surveillance of Mosquito-Borne Diseases in the United States

Presenting Author: Katherine Kendrick, MPH
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C-042 – Active Surveillance of Foodborne Diseases in the United States

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C-043 – Lung Function Assessment in Patients with Persistent Asthma: Impact of Disease Severity and Acute Exacerbation Status

Presenting Author: Lawrence Rasouliyan
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C-044 – Accelerated Biological Aging and Postoperative Adverse Renal Events: A Multicenter Cohort Study

Presenting Author: Xuan Yin
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C-045 – Acute All-Cause Hospitalization Following Medically-Attended Acute Gastroenteritis (AGE) and Norovirus AGE Among Patients with Underlying Chronic Conditions in the United States, 2022–2024

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C-046 – Epidemiology and Risk Factors for Antimicrobial Resistance in ICU Patients with Acinetobacter baumannii Infections: A Retrospective Study in an Indian Hospital

Presenting Author: Prity R. Deshwal
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C-047 – DARWIN EU® – Characterisation and Survival of Elderly with Recurrent Falls in Europe

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C-048 – Global Assessment of the Diagnosed Prevalence of Psoriasis and Plaque Psoriasis

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C-049 – Epidemiology of Intraoperative and Postoperative Complications in Patients Undergoing Left-Sided Colorectal Surgery for Benign or Malignant Colorectal Disease in England

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C-050 – Real-world Observational Study of Patients with Potential Non-Idiopathic Progressive Pulmonary Fibrosis and Risk Factors of Progression

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C-051 – Global Assessment of the Diagnosed Prevalence of Psoriatic Arthritis

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C-052 – Using Real-World Data Landscaping to Address Gaps in Patient Insights: A Real-Use Case Study in Chronic Wound Care

Presenting Author: Anokhi Kapasi, PhD
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C-053 – Opioid Tapering and Functional Status Among Older Adults on Long-Term Opioid Therapy Receiving Home Health Care

Presenting Author: Nga Weng Leong
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C-054 – Predictors of Home Healthcare Admission Among Older Adults on Long-Term Opioid Therapy

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C-055 – Herpes Zoster Incidence Rates by Age for United States Adults with Comorbid Conditions

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C-056 – Incidence and Severity of Human Metapneumovirus Infection in Adult Populations: A Literature Review

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C-057 – Impact of Cumulative Non-Pharmacological Interventions on the Incidence of Acute and Chronic Conditions Before and After the COVID-19 Pandemic in Europe and the United States

Presenting Author: Kim López-Güell
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DRUG UTILIZATION RESEARCH / TRENDS & COMPARISONS

C-063 – Single-Dose Doxycycline for Lyme Disease Prophylaxis in Children in a Large United States Healthcare Database, 2016-2020

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C-058 – Obesity and Ventilator-Associated Pneumonia: Results from Electronic Health Record

Presenting Author: Mina Yakoub, B. Pharm, MS
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C-059 – PRESIENTE: A Community-Based Prospective Cohort Study of Respiratory and Gastrointestinal Illness in Peru

Presenting Author: Adva Gadoth, PhD, MPH
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C-060 – Characterization of Adult Patients with Cystic Fibrosis in the TriNetX Linked EHR + Claims Network

Presenting Author: Amanda M. Moore
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C-061 – Development and Validation of an N-gram Model for Differentiating between Melena and Hematochezia Using Unstructured Clinical Notes

Presenting Author: Lawrence Rasouliyan
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C-062 – Utilization of Hormonal Contraceptives During the Postpartum Period in the FDA Sentinel System

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C-064 – Trends in Polycystic Ovary Syndrome and Its Associated Pharmacological Treatments in the United Kingdom from 1998 to 2023

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C-065 – Age-specific Drug Utilization Patterns Among Pregnant Women in Taiwan: A Nationwide Cohort Study

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C-066 – Channeling Bias in First-Line Prescribing of SGLT2 Inhibitors and GLP-1 Receptor Agonists for Individuals with Severe Mental Illness and Diabetes

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C-067 – COVID-19 Pandemic and Statin Adherence in Sweden: Insights from Cohort Analyses Before and During the Crisis

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C-068 – Expenditure and Utilization on GLP-1 Medications Across High-Income Countries: A Repeated Cross-Sectional Analysis

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C-069 – Comparison of Expenditure and Utilization of Top 25 High-Cost Drugs Across Canada and Comparable Countries

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C-070 – Racial and Ethnic Differences in Initiation and Continuation of Treatment Among Medicare Beneficiaries with Opioid Use Disorder from 2010-2019

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C-071 – Association Between Opioid Use Disorder (OUD) Treatment Modalities and Opioid-Related Hospitalizations Among Medicare Beneficiaries

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C-072 – Treatment Patterns of Immunoglobulin Replacement Therapy Among Patients with Multiple Myeloma in the United States: A Real-World Analysis

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C-073 – Barriers and Facilitators to Deprescribing Opioids in High-Risk Older Adults: A Comparison Based on Cirrhosis Status

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C-074 – The Temporal Trends of Escherichia Coli Antimicrobial Resistance and Antibiotic Utilization in Australian Long-Term Care Facilities

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C-075 – Evaluating Treatment Patterns in Newly Diagnosed Pulmonary Arterial Hypertension patients: First network Study in PHederation, the Pulmonary Hypertension Federated Data Network

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C-076 – Trends in Postpartum Anti-Obesity Medication Use Among Commercially Insured Pregnant Women, 2016-2022

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C-077 – Use of Glucagon-Like Peptide-1 Receptor Agonists in the U.S. Food and Drug Administration's Sentinel System

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C-078 – Psychotropic Medication Use Among Youth with Schizophrenia in Medicaid Foster Care Program

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C-079 – Antibiotic Prescribing Trends by Provider Specialty and Drug Class Before and During the COVID-19 Pandemic (2013-2022)

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C-080 – Naloxone Prescribing Trends Among Regions and Providers of the United States: Analysis of Medicare Part D Prescriber Data 2013-2022

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C-081 – An Algorithm for Mapping the Treatment Sequences of Patients with COPD: Development and Application in a Canadian Cohort

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C-082 – Trends in the Utilization and Persistence on Adjuvant Hormonal Therapy among Women with Invasive Breast Cancer in the United Kingdom, 2004 to 2023

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C-083 – Use of Statins for Primary Prevention Among Individuals with Chronic Kidney Disease in The United States: A Cross-Sectional, Time-Trend Analysis

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C-084 – Oral Anticoagulant Use by Comorbidity in Long-term Care: A Population-Based Cross-Sectional Study

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C-085 – Belatacept Use Among U.S. Kidney Transplant Recipients (2011-2020)

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C-086 – Evaluating the Impact of GAAT Criteria on the Development of Antimicrobial Resistance in ICU Patients Receiving Parenteral Antimicrobial Therapy

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C-087 – DARWIN EU® – Prescription Pattern of STOPP Section K Criteria Medication in Elderly with and Without Recurrent Falls

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C-088 – Patterns of Opioid Reinitiation: Insights from U.S. National Data (2018-2022)

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C-089 – Comparison of Opioid Prescribing Before and After Onset of the COVID-19 Pandemic in the U.S.A. (2018-2022)

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C-090 – Trends in Insulin Utilization and SARIMA Forecasting: A Time-Series Analysis in Greece (2016-2023) Using IQVIA Dataset

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C-091 – Trends in Outpatient Antibiotic Prescribing in the United States Using Real-World Data from 2020 to 2024

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C-092 – Trends in Opioid Prescribing Prior to Opioid Toxicity Inpatient Hospitalizations and ED Visits in Canada, 2018-2022

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C-093 – Treatment Patterns in Pediatric Type 1 Diabetes Mellitus Patients in Taiwan

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C-094 – Osteoporosis Pharmacotherapy in People with and Without Parkinson's Disease in Finland

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C-095 – Trajectories of Osteoporosis Pharmacotherapy Among Older Treatment-Naïve Females

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C-096 – Trends in the Prescription of Central Nervous System Depressants in Patients with Chronic Obstructive Pulmonary Disease in the United Kingdom Primary Care, 2000-2022

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C-098 – Trends in the Consumption of Psychotropic Drugs in France, in Children, Adolescents and Young Adults Between 2012 and 2023

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C-099 – Trends in Clinical Prescription Patterns and Selection of Anabolic Drugs for Postmenopausal Women with Osteoporosis in Taiwan

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C-100 – Prescribing Patterns and Lipid Control Outcomes of PCSK9 Inhibitors in the Greater Bay Area of China

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C-101 – A Time-Trend Analysis of Psychotropic Drug Prescription Patterns in a Peruvian Inpatient Population During the COVID-19 Pandemic

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C-102 – Trends in Prescription Opioid Use for Pain In Canada: A Population-Based Repeated Cross-Sectional Study

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C-103 – Treatment of Type 2 Diabetes Among Medicare Beneficiaries With and Without Alzheimer's Disease: A Retrospective Cohort Study

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INFORMATICS / DIGITAL EPIDEMIOLOGY

C-109 – Out of Site, Out of Mind? How Tokenized Linkage Activates Patient Observations across Multiple Real-World Data Sources – The Komodo Research Dataset Example

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C-110 – PEPReVision: A Data Insight Engine for Pharmacoepidemiology

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C-111 – Minimizing Racial Algorithmic Bias When Predicting Electronic Health Record Data Completeness

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C-104 – Trends in Spironolactone Incidence by Indication Among Young Women and Girls in the United States: Quantifying Patterns of on-Label and Off-Label Prescribing

Presenting Author: Sarah E. Soppe, MPH
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C-105 – Characterizing Demographics and Comorbidities for New Initiator GLP-1 Patients, 2016-2023

Presenting Author: Clark Jackson, MPH
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C-106 – Trends in Utilization, Spending, and Pricing of Janus Kinase (JAK) Inhibitors in the U.S. Medicaid Program (2011-2023)

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C-107 – Investigating Treatment Pathways for Rheumatoid Arthritis in Adult Patients: Insights from Real-World Data

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C-108 – Antidepressant Use in a Nationally Representative Cohort of Older Adults: Longitudinal Use and Polypharmacy

Presenting Author: Maria Springall De Pablo, MPH
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C-112 – Alignment Between Multiple Myeloma Line of Treatment Algorithms Developed for Structured Healthcare Data and an Oncology EHR

Presenting Author: Laura Hester, PhD
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C-113 – Use of Sodium Valproate and Other Antiseizure Drug Treatments in England and Wales: Quantitative Analysis of Nationwide Linked Electronic Health Records

Presenting Author: Rohan Takhar
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C-114 – Enhancing Pharmacy Practice: The Impact of Clinical Decision Support Systems in Reducing Drug-Related Issues

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C-115 – Introduction of an Open-Access National-Level U.S. Dementia Surveillance System

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C-116 – Evaluating the Readiness of Saudi Oncology Real-World Data for Standardization and Quality Enhancement

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C-117 – Feasibility Assessments in Federated Networks of Disease-Specific Harmonized Data Assets: Best-Practice Recommendations Based on the PHederation Experience

Presenting Author: Eva-Maria Didden
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C-118 – Standardization of CLARION Study-Specific Data Using a Common Data Model: Experience from Multiple Sclerosis Registries and Data Sources

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C-119 – From Guidelines to Practice: Regulatory Insights on Wearable Tech in Clinical Studies

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C-120 – Postpartum Depression and Comorbidities Among Women Participating in Smartphone-Delivered Digital Health Screenings

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C-121 – Comparison of Primary Care Coded Prevalence of Atrial Fibrillation and Prescribing Rates for Drugs Indicated for Atrial Fibrillation Identified Using a Large-Language Model

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C-122 – Can Contemporary Large Language Models Provide the Domain Knowledge Needed for Causal Inference?

Presenting Author: Maryam Aziz, MS
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C-123 – Application of Artificial Intelligence (AI) and Machine Learning (ML) in Oncology Drug Development Using Real-World Data: A Targeted Review

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C-124 – Framework for Real-World Data Used in Regulatory Submissions

Presenting Author: Shivani Aggarwal, PhD, MS
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C-125 – Multimorbidity Profile and the Risk of Major Cardiovascular Events in New Antipsychotic Users: A Time-to-Event Prediction Study Using Explainable Machine Learning

Presenting Author: Qi Sun
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Kam Fai Tsoi // Ian Chi Kei Wong // David Osborn
Daniel Smith // Francisco Tsz Tsun Lai, PhD

C-126 – Outcomes of Digital Health Intervention in Breast Cancer Survivors: A Scoping Review

Presenting Author: Swathi Nayak Ammunje
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C-127 – AI Trustworthiness: A Study on the Calibration of Large Language Models in Pharmacoepidemiology

Presenting Author: Hui Feng, PhD
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C-128 – Prevalence of Key Confounding Covariates in a Commercial Electronic Health Record Platform

Presenting Author: Ashley I. Michnick, PharmD, PhD
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C-129 – A Machine Learning Approach for Identifying Patients with Unmet Health-Related Social Needs from EHR Data

Presenting Author: Macarius M. Donneyong, MPH, PhD

C-130 – Comparing Large Language Model Categorization of Nominal Group Technique Results to Human-Labeled Data in a Study on Juvenile Idiopathic Arthritis Treatment Change Preferences

Presenting Author: Melissa Mannion
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C-131 – Conformal Prediction Framework and Selective Classification for Establishing the Credibility of Machine Learning Models – Application in Claims Data

Presenting Author: Dana Y. Teltsch
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C-132 – Analysis and Management of Computable Operational Definition (CODef) Concept Variation Based on a Large Real-World Studies Library

Presenting Author: Michael Buck, PhD
Co-Authors: Craig Parker, MD, MS // Leanne Larson, MHA
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MEDICAL DEVICES

C-135 – Contemporary Trends in Catheter Ablation as First-Line Therapy Among Patients Diagnosed with Paroxysmal Atrial Fibrillation in Routine Clinical Practice in the United States

Presenting Author: Shumin Zhang, MD ScD
Co-Author: Subhadip Bhattacharjee, BTech
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C-136 – Analysis of Risk Factors Associated with 12-Month Incidence of Pseudarthrosis Following Lumbar Spinal Fusion

Presenting Author: Katherine Corso
Co-Author: Sauvik De // Jill Ruppenkamp
Mingkai Peng, PhD // Paul Coplan, ScD

C-137 – Does the Risk of Readmission and Revision Events After Lumbar Spine Fusion Differ in Hospital Billing Versus Claims Data?

Presenting Author: Katherine Corso
Co-Author: Anna Wallace // Jill Ruppenkamp
Paul Coplan, ScD

C-138 – Utilization of a Knotless Tissue Control Device for Robotically-Assisted Hand-Sewn Gastrojejunal Anastomosis in Roux-en-Y gastric Bypass: A Retrospective Analysis of Real-world Data

Presenting Author: Stephen Johnston, PhD
Co-Author: Najmuddin Gunja // Walter Danker, III, PhD
Shanthi Krishnaswami // Zhun Cao // Jorg Tomaszewski

METHODS IN PHARMACOEPIDEMIOLOGY / OTHER

C-142 – National Surveys in Health Outcomes, Pharmacoepidemiology, and Pharmacy Practice Research

Presenting Author: Veronika Hicks
Co-Author: Natalia Shcherbakova

C-133 – Identifying Physician Beliefs Associated with Higher Concordance with Risk Assessment Model Treatment Recommendations for the Prevention of Venous Thromboembolism in an Inpatient Setting

Presenting Author: John Bridges
Co-Authors: Nicola Compoamor // Benjamin Mittman
Stephanie Moss // Michael Rothberg

C-134 – Using Real-World Data and Digital Phenotyping to Identify Candidates for Anti-CGRP Migraine Treatment

Presenting Author: Joseph Zabinski, PhD, MEM
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C-139 – Knotless Tissue Control Devices for Robotically-Assisted Hand-Sewn Gastrojejunal Anastomosis in Roux-En-Y Gastric Bypass: A Retrospective Comparative Analysis of Real-World Data

Presenting Author: Stephen Johnston, PhD
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C-141 – Comparative Effectiveness of Robot-Assisted Radical Prostatectomy Versus Open Radical Prostatectomy: A High Dimensional Propensity Score Matched Cohort Study Within a Nationwide Claims Database

Presenting Author: Patrick Blin, MD, Mec
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Magali Rouyer // Régis Lassalle, MSc
Laurent Piazza, Meng // Grégoire Robert, MD, PhD

METHODS IN PHARMACOEPIDEMOLOGY / STUDY DESIGN

C-143 – Impact of Study Design Specifications on Effect Size Heterogeneity of Myocarditis Risk Following COVID-19 Vaccination: A Systematic Review, Meta-Analysis And Meta-Regressionh

Presenting Author: Tu Pham Hien Trang
Co-Author: Marloes T. Bazelier, PhD
Olaf H. Klungel // Sophie Bots, PhD

C-144 – Prevalent New User Design: Outcome Heterogeneity Based on Different Lengths of Time-Based Exposure Sets

Presenting Author: Albert Tzu-Ming Chuang, PharmD
Co-Author: Daniel Hsiang-Te Tsai
Edward Chia-Cheng Lai, PhD

C-145 – No Claim Left Behind: Viability of Assessing Early Real-World Vaccine Effectiveness in Open and Closed Administrative Healthcare Claims

Presenting Author: Neloufar Rahai, PhD, MPH
Co-Author: Rohan Shah // Elisha Beebe
Brian Conroy // Michelle Skornicki // Katherine Mues
Amanda Wilson // Andre Araujo

C-146 – Evaluating Cenobamate Among Patients with Focal-Onset Seizures: Defining a Claims-Based Approach for Treatment Regimen and Outcomes

Presenting Author: Rafia Bosan
Co-Author: Efe Eworuke // Alessandro Lovera
John Paul Leach // Elena Alvarez-Baron // Paola Lipone
Caroline Benoist // Alessandro Comandini
Enrica Salvatori // Agnese Cattaneo

C-147 – Does Health Plan Enrollment Data Support Long-Term Follow-Up of Patients with Chronic Disease? Assessment of the Healthcare Integrated Research Database (HIRD®)

Presenting Author: Daniel C. Beachler, PhD, MHS
Co-Author: Malvika Venkataraman // Michael Grabner, PhD
Katherine Harris, PhD // Vincent Willey // John J. Barron

C-148 – Beyond Comparison: Target Trial Emulation (TTE) Principles Strengthen Observational Single-Arm (SA) Effectiveness Studies

Presenting Author: Robert R. McLean
Co-Author: Oksana Pugach, MS, PhD
Melissa Moore-Clingenpeel // Adam Sima
Leslie Harrold, MD, MPH // Heather Litman

C-149 – Longitudinal, Regulatory-Grade Registry Data Can be Used to Emulate a Target Trial: An Application on Evaluating Treatments for Plaque Psoriasis

Presenting Author: Heather Litman
Co-Author: Robert R. McLean // Oksana Pugach, MS, PhD
Adam Sima // Melissa Moore-Clingenpeel
Leslie Harrold, MD, MPH

C-150 – Review of Post-Authorization Safety Studies Submitted to the HMA-EMA Catalogue of RWD Studies Evaluating Cancer as an Outcome

Presenting Author: Melissa Moore-Clingenpeel
Co-Author: Nicole Foster // Leslie Harrold, MD, MPH
Heather Litman

C-151 – An Algorithm for Identifying Observable Medication Time Among U.S. Nursing Home Residents

Presenting Author: Daniel Harris, PhD, MPH
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Charles E. Leonard, PharmD, MSCE, FISPE
Douglas Kiel, MD, MPH // Jimmie Roberts, PhD, MPH
Laura Reich // Peyton Free // Andrew R. Zullo

C-152 – Impact of Design Choices that Deviate from a Target Trial Emulation. An Application to the Estimation of the Effect of Anticholinergic Properties of Antidepressants on the Incidence of Dementia

Presenting Author: Xabier García de Albéniz
Co-Author: Joan Forn, MPH, PhD // Jaume Aguado
Elena Rivero-Ferrer, MD, MPH, FISPE
Estel Plana, MSc // Barbra A. Dickerman

C-153 – Mind the Gap: A Literature Review to Assess Definitions of Treatment Discontinuation in Oncology Studies

Presenting Author: Olivier Humblet
Co-Author: Mengying Li, MSPH, PhD // Alexander Breskin
Julius Asubonteng // Christian Hampf
Rachel E. Sobel // Jessica J. Jalbert

C-154 – Integrating Mixed Methods and Actigraphy to Advance Understanding of Adverse Events in Metastatic Breast Cancer: A Multi-Country Study

Presenting Author: M.K. Rehnquist
Co-Author: Stephanie L. Graff // Gregory Vidal
Natalia Sadetsky // Cosmina Hoge
Elizabeth A. Holdsworth // Volkmar Müller

C-155 – Transforming a Large-Scale Prostate Cancer Outcomes Dataset to the OMOP Common Data Model—Experiences with a Regional Health Record Database in China

Presenting Author: Zhe Xu
Co-Author: Qiliang Cai // Yang Xie // Jing Li // Xiaoyu Lin
Chih-Chi Yang // Zheng Yin // Yi-Chun Yeh
Shiyun Huang // Yuanjie Niu

C-156 – Nuances of Risk Window Selection for Evaluation of Acute Adverse Events

Presenting Author: Heather Chubb, MS
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Christine J. Barr, BSN, MPH // Dimitrios A. Pappas, MD MPH
Elsie Grace, MS, PhD

C-157 – β -Blockers and Risk of Neuropsychiatric Disorders: A Systematic Review and Meta-Analysis

Presenting Author: Flory T. Muanda
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Fatemeh Ahmadi // Atefeh Jafari // Mohammad Ali Omrani

C-158 – Feasibility of Supplementing Single-Arm Trials with External Control Arms – Evaluation of German Real-World Data

Presenting Author: Martin Russek
Co-Author: Jonas Peltner // Britta Haenisch

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C-159 – Description of Chronic Graft Versus Host Disease Using an Innovative Artificial Intelligence Natural Language Processing on Electronic Medical Records from 8 Centers in France

Presenting Author: Sandrine Colas, PhD, MSc
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Noémie Allali // Darko Kiprijanovski // Franck Le Ouay
Viviane Jeanbat // Justin Kirion // Juliette Cottin
Nimrod Buchbinder // Sylvie François
Alban Villate // Stéphane Bouée

C-160 – Using the Potential Outcomes Model to Inform the Design and Interpretation of Causal Studies of the Effectiveness and Safety of Healthcare Interventions: An Interdisciplinary Perspective

Presenting Author: Shelly-Ann M. Love, PhD, MS
Co-Author: Michael Grabner, PhD // Ruth Dixon, PhD
Sarah R. Hoffman // Anna E. Wentz, PhD
Katherine Harris, PhD

C-161 – Self-controlled Methodology and Test Negative Design to Evaluate Waning Effectiveness of COVID-19 and Influenza Vaccination in the Veterans Health Administration

Presenting Author: Caroline Korves, ScD
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Martin Kuldorff, PhD // David J. Graham, MD, MPH
Hector S. Izurieta, MD, PhD

C-162 – A Fitness-for-Use Assessment of Real-World Data Sources and Data Linkage to Inform a Post-Authorization Safety Study – A Formalized Feasibility Study

Presenting Author: Lise Lotte N. Husemoen, PhD
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C-163 – Harmonizing Standards: Recommendations for Mitigating Gaps in Real-World Evidence (RWE) Feasibility Guidance

Presenting Author: Julien Heidt, MS
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Deborah Layton, FISPE, FRPharmS, PhD // Dony Patel, PhD

C-164 – Exploring Index Event and Channeling Biases in the Evaluation of the Impact of Prior PARP Inhibitor (PARPi) Exposure on the Efficacy of Subsequent Platinum-Based Therapy Among Patients (Pts) with Ovarian Cancer (OC)

Presenting Author: Rahul Jain
Co-Author: Kayleen Ports // Vlad Gradinariu
Weixi Chen, MS

C-165 – A Comparison of Concept Completeness in Single-Network and Multi-Site Approaches to Real-World Data Collection

Presenting Author: Kristen Hahn
Co-Author: Emily Cibelli

C-166 – Safety of Transient Oral Corticosteroids Use in Mild-to-Moderate Asthma for Exacerbation Management: Methodological Review and Beyond

Presenting Author: Jiaying Li, MSc
Co-Authors: Samy Suissa, PhD // Pierre Ernst, MD, MSc

C-167 – Toward Exposure-Wide and Outcome-Wide Pharmacoepidemiology for Generating High-Quality Real-World Evidence

Presenting Author: Haidong Lu
Co-Authors: Christopher T. Rentsch, PhD, FISPE // Fan Li
Qingyu Chen // Lamia Haque // Gregg Gonsalves
David Fiellin // Joseph Ross

C-168 – The Big Four: An Enhanced Framework for Drawing Causal Inferences from Observational Data

Presenting Author: Haidong Lu
Co-Authors: Fan Li // Catherine Lesko, PhD, MPH // David Fink
Kara Rudolph // Christopher T. Rentsch, PhD, FISPE
Michael Harhay // David Fiellin // Gregg Gonsalves

C-169 – Revisiting Representativeness

Presenting Author: Haidong Lu
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C-170 – Quantifying the Effect of Treatment Switch: An Illustration with the Prevalent New User Design

Presenting Author: Eleonore Herquelot, PhD
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Hélène Denis, PharmD // Fanny Raguideau, PharmD

C-171 – Aligning Data Types with Research Needs: Insights from ISPE 2024 Oral Presentations by the IDSWG RWE Sub-Team

Presenting Author: Ching-Yi Chuo
Co-Authors: Shikai Jin // Andy Surinach // Wenyi Wang
Alex Asiimwe // Victoria Strauss

C-172 – Effects of Biological Medication Exposure in Pregnancy and Neonatal Outcomes in Women with Autoimmune Diseases

Presenting Author: Djanilson Barbosa Santos, PhD
Co-Authors: Mauricio Barreto // Mariana Jorge de Queiroz
Caroline Tianeze de Castro // Carlos Teles

C-173 – Framework for Integrating Physician Stakeholder Feedback into Real-World Data Studies

Presenting Author: Lisa Herms, PhD
Co-Authors: Paul Conkling, MD // Jennifer Frytak, PhD
Jessica K. Paulus, ScD

C-174 – Validating Early-Stage Cancer Clinical Outcomes for Melanoma and Breast Cancer with Real-World Data

Presenting Author: Carole Berini, PhD
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Shan Jiang // Kaushal Desai

C-175 – Myelofibrosis Patients Treated with Momelotinib Vs. Best Available Therapy: Evaluating the Use of External Comparator Patients from the Optum Electronic Health Records Database

Presenting Author: Bora Plaku, ScD
Co-Authors: Joy Vetter, MA, MPH // Li Zhou
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C-176 – Development and Verification of Robust Comprehensive Code Lists to Ensure Consistency Across Global Real-World Evidence Studies

Presenting Author: Aaron Kamauu, MD, MS, MPH
Co-Authors: Craig Parker, MD, MS // Amanda Shields
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C-177 – Power vs Precision When Estimating Risk Differences Using Observational Data? A Case Study from TARGET-IBD

Presenting Author: Yasmmyn D. Salinas, PhD, MPH
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Kathleen Hurwitz

PHARMACOVIGILANCE / DIABETES

C-180 – Review of Depression Signal Discovered Following Spontaneous Reports of Injectable Anti Diabetics (Semaglutide and Tirzepatide)

Presenting Author: Abdulaziz Nasser Alakeel, PharmD, MPH
Co-Authors: Mohammed Ebrahim Fouda, PharmD
Roaa Mohammad Alamri, PharmD
Mobarak Saeed AlShahrani

C-178 – Informing Sample Size for External Control Arm Studies: Simulation-Based Strategies for Rare Diseases and Subpopulations

Presenting Author: Grace Hsu
Co-Author: Emma Mackay

C-179 – An Evaluation Strategy to Assess Patient Engagement Quality, Impact, and Outcomes

Presenting Author: Sarah E. Daugherty, PhD MPH
Co-Authors: Julia Coleman // Rebecca Conto
Judith J. Stephenson, SM

C-181 – Assessing the Association Between Sertraline Use and Type 2 Diabetes Mellitus: Evidence from Real-World Data and Mendelian Randomization

Presenting Author: Zixuan He
Co-Author: Yiyang Cai

C-182 – Sight-threatening Eye Disorders in Patients Treated with Semaglutide: A Disproportionality Analysis Using the FAERS Database

Presenting Author: Beema T. Yoosuf, PhD Scholar
Co-Authors: Muhammed Favas K.T. // Dipika Bansal

PHARMACOVIGILANCE / NEUROLOGICAL/MENTAL HEALTH

C-183 – Risk of Gastrointestinal Hemorrhage Associated with SSRI and SNRI Antidepressant Products: A Review and Meta-Analysis

Presenting Author: Ainhua Gomez-Lumbreras, MD, PhD
Co-Authors: Abdelrahman G. Tawfik, PhD Candidate
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C-184 – Post-Approval Pregnancy Safety Evidence For Signal Identification: Comparison of Preliminary Results from Two Methodological Approaches for High-Efficacy Drugs Contraindicated During Pregnancy

Presenting Author: Alison Kawai, ScD
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Rachel Weinrib // Xiaolei Zhou // Muriel Danten
Yogesh Kumar Khunte // Meritxell Sabidó

C-185 – A Learning Healthcare Initiative: Real-Time Medication Use Evaluation of Lecanemab-irmb and Donanemab-azbt - Surveillance of Mild Cognitive Impairment/Alzheimer's Disease in the Veterans Health Administration

Presenting Author: Antonia Holzgang
Co-Authors: Fran Cunningham, PharmD
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Alexis Barrett // Alison O'donnell // Matthew Fuller

C-186 – Leveraging Real-World Data Mining to Identify Signals of Attention-Deficit/Hyperactivity Disorder-Associated Adverse Events Using the Korea Adverse Event Reporting System

Presenting Author: Jiwon Kim
Co-Authors: Heehyun Won // Jeong Ah Kim
Young-Hyo Jeon // Hee-Jin Kim
Na-Young Jeong // Nam-Kyong Choi

C-187 – Turn me on! Turn me off! Sexual Dysfunctions as Adverse Drug Reactions of Antipsychotic Medications

Presenting Author: Carla Torre
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Márcia Silva // Bruno Sepodes

PHARMACOVIGILANCE / OTHER

C-188 – Completeness of Spontaneously Reported Adverse Drug Reactions in Four Developed Countries

Presenting Author: Mohammed G. Dedefo
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C-189 – Amnesia Associated with Teriparatide Use: Signal Review

Presenting Author: Roaa Mohammad Alamri, PharmD
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RARE DISEASE

C-190 – Disease Burden and Unmet Needs of Patients with Amyotrophic Lateral Sclerosis in the United States

Presenting Author: Alekhya Lavu, PharmD, PhD
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Aastha Chandak // Polina DaSilva // Gaele Gusto
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Artak Khachatryan

C-192 – Is There a Lack of Dietary Data Collection in Real-World Pediatric Rare Disease Studies? Literature Review and Future Considerations

Presenting Author: Neil R. Brett, PhD
Co-Authors: Galina Nesterova, MD
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C-193 – Therapeutic Horizon in Multiple Myeloma: Emerging Therapies and Future Perspectives

Presenting Author: Marina Alacoque Rodrigues, MSc
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Cristiane Aparecida Menezes de Paula, PhD
Adriano Max Moreira Reis, PhD

C-194 – Methodology and Framework for Estimating the Burden of Rare Diseases Using Regional Healthcare Data

Presenting Author: Shengfeng Wang
Co-Authors: Yutong Wang // Yin Chen
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C-195 – External Control Arm Studies in Marketing Authorisation Applications Submitted to the European Medicines Agency: A Review of Study Design Features and Methods

Presenting Author: Xabier García de Albéniz
Co-Authors: Alicia Abellan, PhD
Julia Vila-Guilera // Katie Houghton

C-196 – Varying Period Prevalence of Idiopathic Inflammatory Myopathies by Enrollment Factors and Case Definition: An Exploration in a U.S. Administrative Claims Database

Presenting Author: Sally Mountcastle, PhD, MPH
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C-197 – Prevalence of Congenital and Acquired Generalized Lipodystrophy in the E.U.

Presenting Author: Pengcheng Xun
Co-Authors: Robert Sanchez // Dana Murdock
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C-198 – Decoding IgA Nephropathy: Large Language Model-Powered Case Report Analysis of Etiologies and Sequential Treatment Strategies in Primary and Secondary Forms

Presenting Author: Kyeryoung Lee, PhD
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C-199 – A Framework for Combining Diverse and Complementary Datasets to Create External Comparator Arms

Presenting Author: Chinenye Ugoji, PhD, MPH, BPharm
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William Hawkes // Joan Largent, PhD, MPH

C-200 – Current Status, Challenges and Opportunities in the Study of Minimum Data Set for Rare Diseases

Presenting Author: Xuelian Chen

C-201 – Validation of a Claims Algorithm for Identifying Patients with Duchenne Muscular Dystrophy in U.S. Administrative Claims with Genetic Laboratory Data

Presenting Author: Shannon Grabich
Co-Authors: Kathryn DeYoung // Aalok Nadkar
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C-202 – A Comparative Analysis of Premarket and Postmarket Safety Data Between Non-Oncology Externally Controlled and Internally Controlled Orphan Drug Approvals

Presenting Author: Spencer Scully
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REAL-WORLD EVIDENCE COLLABORATIVE

C-203 – Incorporation of Tokenized Real-World Data into a Phase 4 Vaccine Effectiveness Study: Assessment of Feasibility and Utility

Presenting Author: Summer Rosenstock, PhD, MHS
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C-205 – Integrate Real-World Data and Genetics: A Causal Machine Learning Approach to Assess Heterogeneous Treatment Effect of Statins on Alzheimer's Disease

Presenting Author: Yongjie Lai
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SAFETY OUTCOMES / CANCER

C-206 – Real-World Prospective Data Assessing the Long-Term Safety of Abrocitinib Treatment in Adults with Moderate to Severe Atopic Dermatitis (AD): Over Two years of Experience from the CorEvitas AD Registry

Presenting Author: Sampada Gandhi, MD, MPH, PhD
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C-207 – Implementing Robust Machine Learning Pipelines with Real-World Data: Identifying Predictors of Immune Mediated Adverse Events Among Patients with Advanced Melanoma Treated with Immune Checkpoint Inhibitors

Presenting Author: Alexander Breskin
Co-Authors: Alexi Archambault // Matthew Phelan, MS
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C-208 – Examining Valproate's Potential Anticancer Effect Among Patients with Bipolar Disorder: A Territory-Wide Active-Comparator New User Study Spanning Two Decades

Presenting Author: Cuiling Wei, MPH
Co-Authors: Francisco Tsz Tsun Lai, PhD

C-209 – Antidepressant Use and Colorectal Cancer Risk: A Systematic Review and Meta-Analysis

Presenting Author: Cuiling Wei, MPH
Co-Authors: Francisco Tsz Tsun Lai, PhD

C-210 – Association Between 5alpha-Reductase Inhibitors and Incident Cancer in Patients with Benign Prostatic Hyperplasia: Evidence from a Matched Cohort Study

Presenting Author: Xianglong Meng
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Shengfeng Wang

C-211 – Immune-Mediated Adverse Events in Patients with High-Risk Melanoma Receiving Immune Checkpoint Inhibitors in Adjuvant and First-Line Treatment Settings: A Real-World Analysis

Presenting Author: Alexi Archambault
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Shauna Byrne // Julius Asubonteng // Christian Hampp

C-212 – Immune Related Liver Toxicity, Management, and Outcomes in ICI Treated Patients with Advanced or Metastatic Cancers

Presenting Author: Zara Izadi
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C-213 – Immune Related Kidney Toxicity, Management, and Outcomes in ICI Treated Patients with Advanced or Metastatic Cancers

Presenting Author: Zara Izadi
Co-Authors: Youbei Lou // Ying Zhang
Brian Dreyfus // Raminder Pathak

C-214 – Second Primary Malignancy in Patients with Multiple Myeloma Receiving Chimeric Antigen Receptor T-Cell Therapy and Other Systemic Anticancer Therapy: A Comparative Study Using a Real-World Database

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Daniel Lee // Jacob Glass // Katherine Knorr
Glenn S. Kroog // Karen Rodriguez Lorenc

C-215 – Methodological Approaches to Capture Real-World Adverse Events (AEs) of First-Line (1L) Systemic Treatments in Electronic Health Records (EHRs) in a Cohort of Patients with Locally Advanced/Metastatic Urothelial Cancer (la/mUC)

Presenting Author: Mark Guinter
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Amanda Nizam

C-216 – Diuretics are Associated with Rates of Basal and Squamous Cell Carcinomas of the Skin in the U.S. Medicare Population with Hypertension

Presenting Author: Jim Mai
Co-Authors: Brian Moroz // Dale Preston // Michael Sargen
Michal Freedman // Martha Linet
Ruth Pfeiffer // Elizabeth Cahoon

C-217 – Incidence of Cataract Among Patients Exposed to FGFR Inhibitors in the Real-World

Presenting Author: Helen Pai
Co-Authors: Amir Sarayani // Jill H. Hardin, MBA, MS, PhD
Kristine Nicasio // Celia Ezidiegwu

C-218 – Use of Systemic Glucocorticoids and Risk of Prostate Adenocarcinoma: Evidence from a Danish Population-Based Case-Control Study

Presenting Author: Eléa Olivier
Co-Authors: Blanaid Hicks // Morten Olesen
Agnès Fournier // Anton Pottegård // Manon Cairat

C-219 – Quality Evaluation of Previous Studies on Glucocorticoid Use and Risk of Site-Specific Cancers: A Systematic Review

Presenting Author: Eléa Olivier
Co-Authors: Manon Cairat // Julie Neau // Adrien Pons
Laia Peruchet // Yahya Mahamat-Saleh // Gianluca Severi
Anton Pottegård // Michèle Matta // Emma Fontvieille
Laura Downham // Blanaid Hicks

C-220 – Global Feasibility Assessment of Real-World Databases for Long-Term Safety of Vitiligo Treatments

Presenting Author: Emaan Rashidi, MHS
Co-Authors: Laura Girardat-Rotar, PhD, MPH
Shangzhi Gao, ScD // Nilsa Loyo-Berrios, PhD, MS

C-221 – Atrial Fibrillation and Bleeding in Patients with Chronic Lymphocytic Leukemia/ Small Lymphocytic Lymphoma (CLL/SLL) on Ibrutinib vs Acalabrutinib: Role of Age, Frailty, and Anticoagulants

Presenting Author: Vanessa E. Slater
Co-Authors: Ryan M. Carnahan // Bradley D. McDowell
Christopher S. Strouse // Michael A. O'Rorke
Brian J. Smith // Elizabeth A. Chrischilles

C-222 – Incidence of Second Primary T-Cell Non-Hodgkin Lymphoma Among Multiple Myeloma Patients: Evidence From Real-World Data

Presenting Author: Dongyu Zhang
Co-Authors: Eva-Maria Didden // Amir Sarayani
Guoqiang Zhang // Julia Bui // Bryce Yencha // Dina Gifkins

C-223 – Chimeric Antigen Receptor Therapy (CAR T) Therapy and Immune Effector Cell-Associated Neurotoxicity Syndrome (ICANS): A Systematic Review and Meta-Analysis

Presenting Author: Ashwini Thirugnanam
Co-Authors: karun donthineni // Jessie Hundel
Diana Munteh // Marco Mammi
Adomas Bunevicius // Rania Mekary

C-224 – Impact of Systemic Corticosteroid Use on Survival Outcomes in Non-Small Cell Lung Cancer Patients Receiving Immune Checkpoint Inhibitors: A Retrospective Cohort Study

Presenting Author: Geunho Lim
Co-Authors: Daeun Lee // Minoh Ko // Ji Sun Chun
Mari Kim // Borim Lee // In-Wha Kim // Jeongmin Seo
Jin Hyoung Kang // Taehoon Ko
Jung Mi Oh, PharmD // Miso Kim

C-225 – Adverse Events of Treatment and Characteristics of Patients with Multiple Myeloma: A Brazilian Historical Cohort Study

Presenting Author: Laura Beatriz Fonseca
Co-Authors: Paula Drummond // Letícia Pena Braga, PhD
Pedro Henrique De Carvalho Souza // Izabella Oliveira
Jéssica Soares Malta // Adriano Reis
Cristiane Aparecida Menezes de Paula, PhD

C-226 – Efficacy and Safety of Immune Checkpoint Inhibitors as First-Line Treatment for Advanced Non-Small Cell Lung Cancer: A Systematic Review and Network Meta-Analysis

Presenting Author: Rohan D. Jagdale, Pursuing M pharm
Co-Authors: Saurabh Wadghule, M pharm
Suraj Mungase // Ramu Adela, PHD

SAFETY OUTCOMES / CARDIOVASCULAR

C-227 – Evaluating the Risk of Arrhythmias in Patients with COPD Treated with Acclidinium and Acclidinium/Formoterol and Other Inhaled Bronchodilators

Presenting Author: Cristina Rebordosa, MD, PhD
Co-Authors: Nuria Saigi-Morgui // Jaume Aguado
Jennifer Bartsch, MStat // Anne-Elie Carsin
Daniel Freedman // Raquel Garcia-Esteban
Elena Ignatova
Susana Perez-Gutthann, MD, PhD, FISPE, FRCP
Elena Rivero-Ferrer, MD, MPH, FISPE

C-228 – Cancer Treatment-Related Risk Factors for Stroke among Patients with Lung Cancer: A Systematic Review

Presenting Author: Lotanna Ezeja, BPharm
Co-Authors: Jingjing Qian, PhD

C-229 – Osteoporosis Treatments and the Risk of Myocardial Infarction in Female Patients

Presenting Author: Rebecca Persson, MPH
Co-Authors: Tzu-Hsuan Yang, MPH // Zarena Jafry, MPH
Katrina Wilcox Hagberg, MPH
Catherine Vasilakis-Scaramozza, PhD // Susan S. Jick, DSc

C-230 – Evaluating the Risk of Stroke Among Female Patients Using Osteoporosis Treatments

Presenting Author: Rebecca Persson, MPH
Co-Authors: Tzu-Hsuan Yang, MPH // Zarena Jafry, MPH
Katrina Wilcox Hagberg, MPH
Catherine Vasilakis-Scaramozza, PhD // Susan S. Jick, DSc

C-231 – Calcium Supplements and the Risk of CVD Recurrence: Real-World Evidence

Presenting Author: Xiaowen Zhang
Co-Authors: Ching-Lung Cheung, PhD
Ian Chi Kei Wong

C-232 – Thrombosis and Bleeding Risk in Patients Receiving NOACs and P-gp Inducers or Inhibitors: A Case-Case-Time-Control for Drug Interactions Assessment

Presenting Author: Avery Shuei-He Yang, MCLinPharm
Co-Authors: Zoe, Chi-Jui Chang
Edward Chia-Cheng Lai, PhD

C-233 – Emulating a Clinical Trial to Assess the Fitness of Real-World Data for Evaluating the Cardiovascular Safety of Fixed-Dose Combination Naltrexone/Bupropion in the United States

Presenting Author: Catherine Rogers Murray, MPH
Co-Authors: Michael Kyle, MD // Dustin Burns, PhD, GStat
Heather Watson, PhD // Jeff Swaney, Jr, PhD
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Emma Moynihan, PhD // Kate L. Lapane, PhD
Shirley V. Wang // Craig L. Longo, MD
Mary E. Ritchey, PhD, FISPE // David D. Dore, PharmD, PhD

C-234 – Nonacute Opioid Use and Cardiovascular Risk in Peri- and Post- Menopausal Women: An Observational Cohort Study

Presenting Author: Emma Tillyer
Co-Authors: Chengseng Ju, PhD // Li Wei
Yogini Jani, PhD // Ruth Brauer, PhD

C-235 – Safety and Effectiveness of Anticoagulation in Cancer Patients with Venous Thromboembolism: A Population-Based Cohort Study

Presenting Author: Li-Ting Kao, PhD // Sheng-Yin To, PhD
Co-Authors: Ying-Shan Jiang, PharmD Student
Cho-Hao Lee, MD // Hui-Wen Yang, MS, PhD Candidate
Yuan-Liang Wen, MS, Ph

C-236 – Comparative Postoperative Outcomes and Utilization Trends of Transcatheter Aortic Valve Implantation Vs. Redo Surgical Aortic Valve Replacement

Presenting Author: Liming Zhao
Co-Authors: Xiaodi Wang // Fan Yang
Jifang Zhou // Cunhua S

C-237 – Assessing the Risk of Angioedema in Adult Sacubitril/Valsartan Users With Heart Failure: Results From a Post-Authorization Safety Study in Seven European Electronic Healthcare Databases

Presenting Author: Jetty Overbeek
Co-Authors: Hilda de Jong // Brenda Baak // Eline Houben
Louise Lemmens // Ilona Verburg // Lars Pedersen
Wiebke Schäfer // Ulrike Haug // Christoph Meier
Pascal Egger // Marlene Rauch // Ettore Marconi
Elisa Bianchini // Rosa Gini, PhD // Olga Paoletti
Leena Elhussein // Daniel Prieto-Alhambra
Oshagbemi Olorunfemi Ayodele
Sigrid Behr // Fernie Penning-van Beest
Miriam C.J. Sturkenboom

C-238 – Potential Related Factors Influencing the Occurrence of CVD in Newly Diagnosed ADHD Patients

Presenting Author: Hui-Rong Chen, MD
Co-Authors: Lu-Hsuan Wu // Yu-Ching Chang

C-239 – Incidence of Severe Uterine Bleeding Following Exposure to Non-Vitamin K Antagonist Oral Anticoagulants in South Korea

Presenting Author: Yunmi Hong
Co-Authors: Min-Gyo Jang // Tae Hyeok Kim
Jihye Ha // Kwan Soo Kim // Gyelim Lee
Jayoung Hong // Seung Jun Yang

C-240 – Impact and Assessment of Medication Therapy Management Services on Oral Anticoagulants: A Patient-Centric Based Approach

Presenting Author: Santosha Vooradi, MPharm
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Gabriel Sunil Rodrigues, MS, DNB, Dip LS, MNAMS, FRCS (Glasg), FEBS
Tom Devasia, MD DM(Cardiology)
Padmakumar R, MD, DNB, DM (Cardiology),
Ganesh Sevagur Kamath, MS, MCh

SAFETY OUTCOMES / DIABETES

C-241 – A Retrospective Cohort Study of Sarcopenia in Patients with Type 2 Diabetes Mellitus Treated with SGLT2 Inhibitors and Other Antihyperglycemic Agents

Presenting Author: Zhong Yuan, MD, PhD
Co-Authors: Jill H. Hardin, MBA, MS, PhD // James Peter Gilbert, PhD // Jordy Mehawej, MD
Saber Rana Ali, MD, MPH // Carolyn H. Jeffcoat, MD // Sergio A. Fonseca, MD

SAFETY OUTCOMES / OTHER

C-242 – A Broad Scan of Associations Between Doxycycline and Congenital Malformations Using a Tree-Based Data-mining Approach

Presenting Author: Wen Wen
Co-Authors: Thuy N. Thai, PhD // Yanning Wang, MS
Hung-Kai Chen // Nicole E. Smolinski, PharmD, PhD
Celeste LY Ewig // Judith C. Maro
Sonja A. Rasmussen, MD
Almut G. Winterstein, PharmD, PhD

C-243 – Real-World Evidence of the Impact of Voxelotor on Care Utilization for Patients With Sickle Cell Disease

Presenting Author: Kenneth A. Taylor, DPT, PhD
Co-Authors: Roza Vazin, PhD // Hyung-Do Kim, PhD

C-244 – Long-Term Safety of Glatiramer Acetate: Evidence from Randomized Trials and Observational Studies in Patients with Multiple Sclerosis

Presenting Author: Sourab Ganna, PharmD
Co-Authors: Jieni Li, PhD, MPH
Javeria Khalid, PharmD, MPhil
Yinan Huang, PhD, MS // Rajender Aparasu, PhD

C-245 – Risk of Acute Kidney Injury with Concurrent Vancomycin and Piperacillin-Tazobactam Treatment in Hospitalized Patients with Community-Acquired Pneumonia Diagnosis

Presenting Author: Adeniyi J. Idigo, BPharm, PhD
Co-Authors: J. Michael Wells, MD, MSPH // Matthew L. Brown
Howard W. Wiener // Paul W. Sanders // Russell L. Griffin
Gary Cutter // Rachael A. Lee // Sadeep Shrestha

C-246 – Safety and Utilization of Fezolinetant for Menopause Symptoms

Presenting Author: Christine Hsu, PharmD, PhD
Co-Authors: Rebecca Carpenter, MD
Fangjian Guo, MD PhD // Victor Adekanmbi, MD, PhD
Thao Hoang, PhD // Gwyn Richardson, MD
Abbey Berenson, MD, PhD

C-247 – Cannabis-Related Healthcare Encounters Among Commercially Insured Adults Aged 18-64 Years Contributing Data to the U.S. Food and Drug Administration's Sentinel, 2017-2022

Presenting Author: Sruthi Adimadhyam, PhD, MS
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Meredith Epperson, MScPH
José Hernández-Muñoz, RPh, MPH, MSc, PhD
Mayura Shinde // David J. Graham, MD, MPH

C-248 – FDA BEST IM Platform: Accelerating the Automation of Adverse Event Reporting

Presenting Author: Hussein Ezzeldin, PhD
Co-Author: Francis X. Campion, MD

C-249 – Adverse Events Following COVID-19 Vaccination and SARS-CoV-2 Infection in Women of Reproductive Age, United States, 2021-2022

Presenting Author: Stacey Rowe
Co-Authors: Sheena Sullivan // Flor Munoz
Onyebuchi Arah, MD, PhD, DSc, MSc, MPH
Annette K. Regan, PhD, MPH

C-250 – Does Exposure to Metformin Impact Asthma-Related Outcomes and the Risk of Asthma-Onset?

Presenting Author: L. Yesenia Rodríguez-Tanta, PharmD
Co-Authors: Victor Lechuga Noa, PharmD
Graciela Balbin- Ramon, MD

C-251 – Glucosamine Use and Its Causal Effects on Intraocular Pressure: A Mendelian Randomization Study

Presenting Author: Woo Vin Lee, PharmD
Co-Authors: Dong Hyun Kim // In-Wha Kim
Jung Mi Oh, PharmD

C-252 – Development and Validation of a Machine Learning Model to Predict Rituximab-Induced Infusion Reactions in B-Cell Malignancy

Presenting Author: Woo Vin Lee, PharmD
Co-Authors: Dong Hyun Kim // Ye Seul Kim
Soohyun Lee // In-Wha Kim // Ji-Hyang Lee
Jung Mi Oh, PharmD // Hye-Ryun Kang

VACCINES

C-253 – Active and Passive Safety Surveillance in Children Receiving Fluenz® Tetra Vaccination in England During Influenza Seasons – from 2014/2015 to 2022/2023

Presenting Author: Sandeep Dhanda
Co-Authors: Kathryn Morton // Jacqueline Denyer
Denise Morris // Taylor Aurelius // Debabrata Roy

C-254 – Concomitant COVID-19 and Influenza Vaccination and the Risk of Psychiatric Adverse Events: A Nationwide Self-Controlled Case Series Study

Presenting Author: Jieun Woo, PharmD
Co-Authors: Hyesung Lee, PhD // Ju Hwan Kim, PharmD, PhD
Hyunjoo Lim // Yeonjae Kim // Sanghoon Oh
Ju-Young Shin, PharmD, PhD

C-255 – Assessing Knowledge, Attitude and Practice on Human Papilloma Virus Vaccination Among Medical Students at the University of Nairobi

Presenting Author: Emmanuel Ndune Sindo
Co-Authors: Sylvia A. Opanga, PhD

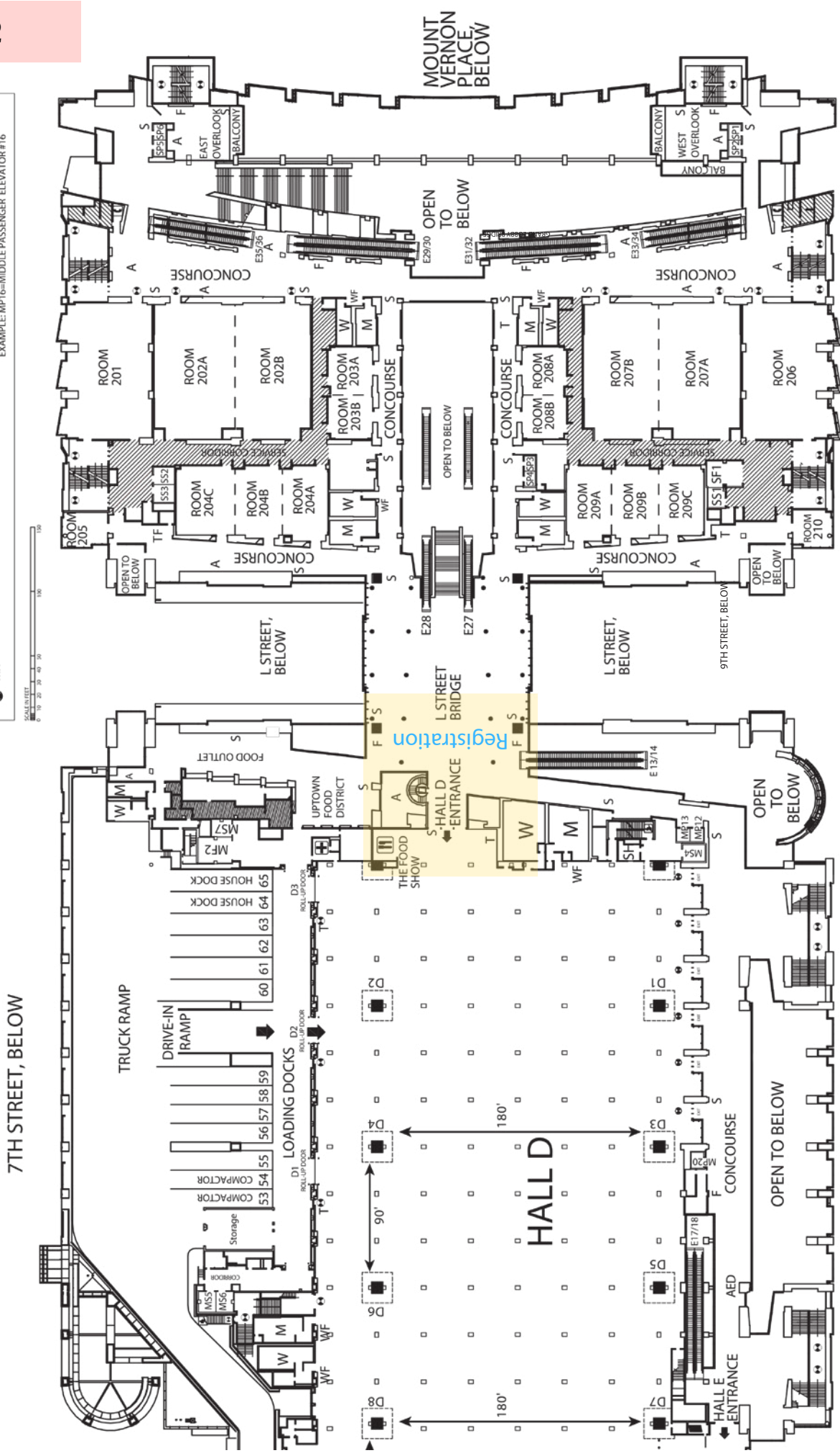
LEVEL 2

BUILDING LEGEND

ELEVATOR LEGEND		LINE TYPE LEGEND	
BUILDING TYPE		ELEVATOR TYPE	
S - SOUTH	M - MIDDLE	N - NORTH	F - FREIGHT ELEVATOR
ELEVATOR TYPE		P - PASSENGER ELEVATOR	
S - SERVICE ELEVATOR		EXAMPLE: MP16=MIDDLE PASSENGER ELEVATOR #16	

T - TELEPHONES	
S - STROBES	F - FIRE EXTINGUISHER CABINET
A - ART	WF - WATER FOUNTAIN
TH - THERMOSTAT	/AED - AUTOMATIC EXTERNAL DEFIBRILLATORS

■ - COLUMNS	W - WOMEN'S RESTROOM	M - MEN'S RESTROOM	E - ESCALATOR	[] - CONCESSIONS	[] - MECHANICAL AREAS	[] - EXIT	[] - WIFI
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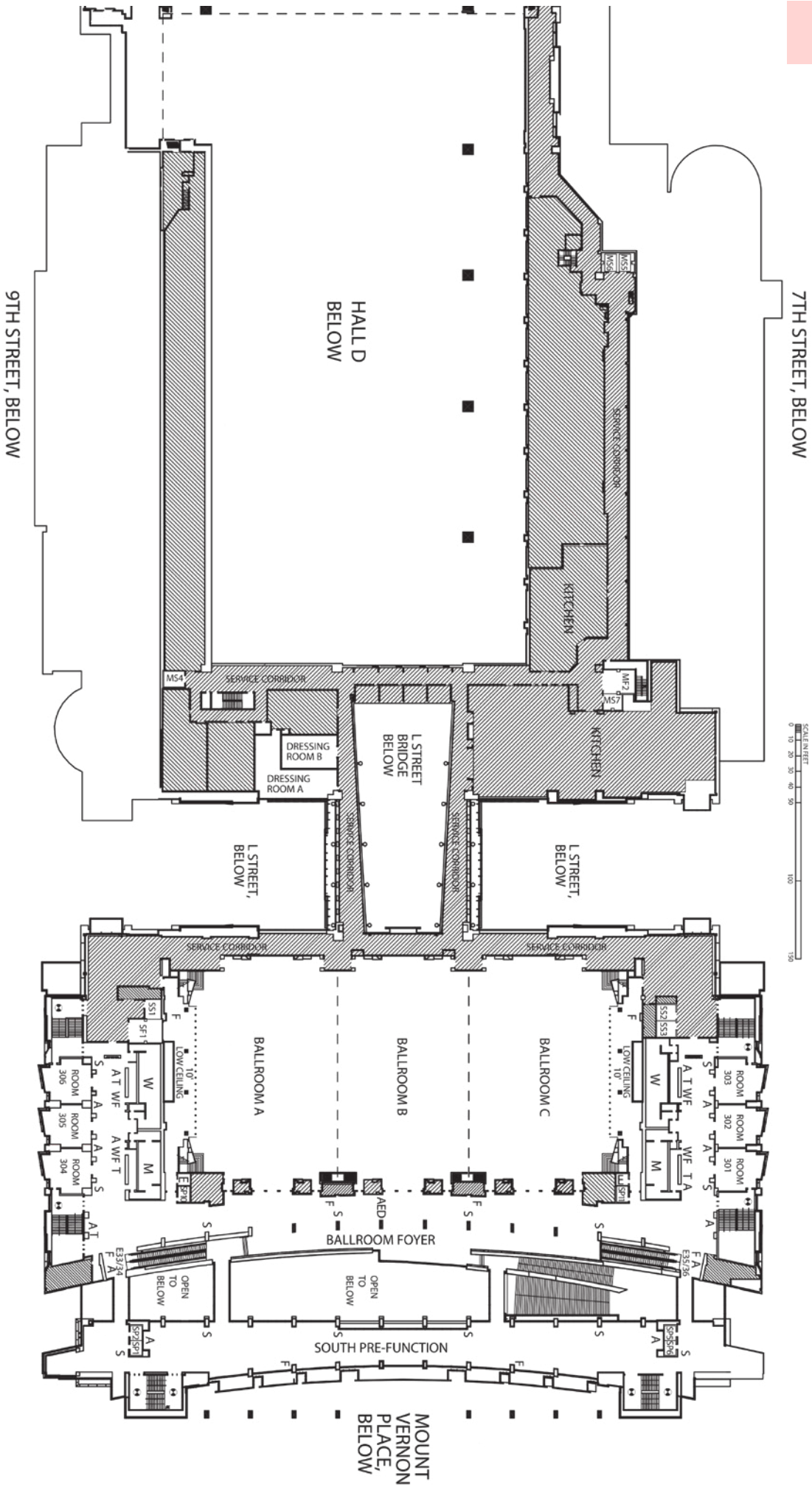


LEVEL 3

BUILDING LEGEND

■ - COLUMNS	
W - WOMEN'S RESTROOM	
M - MEN'S RESTROOM	
E - ESCALATOR	
[H] - CONCESSIONS	
[M] - MECHANICAL AREAS	
⬮ - EXIT	
	T - TELEPHONES
	S - STROBES
	F - FIRE EXTINGUISHER CABINET
	A - ART
	WF - WATER FOUNTAIN
	TH - THERMOSTAT
/AED - AUTOMATIC EXTERNAL DEFIBRILLATORS	

ELEVATOR LEGEND	LINE TYPE LEGEND
BUILDING TYPE	ROLL-UP DOORS
S - SOUTH	AIR WALLS
M - MIDDLE	LOW CEILING
N - NORTH	
ELEVATOR TYPE	
F - FREIGHT ELEVATOR	
P - PASSENGER ELEVATOR	
S - SERVICE ELEVATOR	
EXAMPLE: MP16=MIDDLE PASSENGER ELEVATOR #16	





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