Poster Session B  
Sunday, October 26, 2014  
8:00 AM – 6:00 PM  
[Poster board numbers not included]

Top 8 Abstracts (Day 2) Spotlight Session

Quantitative Benefit-Risk Assessment of the Quadrivalent HPV Vaccine for the Prevention of Anal Cancer in Males – Results [393]  
Lydie Marcelon, Thomas Verstraeten, Geraldine Dominiak-Felden, François Simondon. (France)

Application of Targeted Maximum Likelihood Estimation in Pharmacoepidemiology [394]  
Menglan Pang, Tibor Schuster, Kristian B Filion, Maria Eberg, Robert W Platt. (Canada)

Incidence of Gastrointestinal Perforation among Patients with Crohn’s Disease and Those Patients Dispensed with Anti-TNF Therapy [395]  
Xiaofeng Zhou, Yun Gu, Sundaresan Murugesan, Andrew Bate. (United States)

Idiopathic Thrombocytopenic Purpura After Seasonal Influenza Vaccination [396]  
Chunfu Liu, Laura Polakowski, Hoze A Divan, Yun Lu, Hector Izurieta, Nandini Selvam. (United States)

30-Year Mortality Following Venous Thromboembolism: A Population-Based Cohort Study [397]  
Kirstine K Søgaard, Morten Schmidt, Lars Pedersen, Erzsébet Horváth-Puhó, Henrik T Sørensen. (Denmark)

Malignant Diseases in Swedish Person with Hemophilia-A Longitudinal Registry Study [398]  
Susanna Lövdahl, Karin M Henriksson, Fariba Baghai, Margareta Holmström, Erik Berntorp, Jan Astermark. (Sweden)

The Risk of Malignant Melanoma among Patients with Multiple Sclerosis [399]  
Made Wenten, Sarah Gheuens, Sandra Richman, Susan Eaton, Li Li, Anne Dilley. (United States)

Combining Information from an Electronic Healthcare Database and Spontaneous Reporting Database for Enhancing Signal Detection [400]  
Alexandra C Pacurariu, Preciosa M Coloma, Gianluca Trifiro, Sabine M Straus, Martijn Schuemie, Rosa Gini, Ron Herings, Giampiero Mazzaglia, Gino Picelli, Lorenza Scattà, Lars Pedersen, Johan van der Lei, Miriam Sturkenboom. (Netherlands)

Adherence

Preventable Drug Related Problems and Factors That Affect Heart Failure Treatment at Maharaj Nakorn Chiangmai Hospital [401]  
Poukwun Arummanakul, Thanisa Kritsadathan, Thanyaluk Poominrat, Rungratit Kanjanavanit. (Thailand)

Association between Generic Substitution and Refill Adherence to ACE-Inhibitors - Analysing the Impact of Using Multiple Medications [402]  
Permina Jonsson, Anna K Jönsson, Eva Lesén, Ann-Charlotte Mårdby, Karolina Andersson Sundell. (Sweden)

Effect of a Medication Adherence Program for Long-Acting Injectable Atypical Antipsychotics on Adherence and Psychiatric Hospitalizations [403]
Frederic Rouillon, Jessica J Jalbert, Bernard Astruc, Michel Rossignol, Franck Bayle, Benoît David, Ryma Bennoune, Bernard Avouac, Lucien Abenhaim, Lamiae Grimaldi-Bensouda. (United States)

Associations between Generic Switch and Adherence - Do Patients’ Discomfort, Need of Information and Concerns about Medicine Influence Adherence: A Combined Cross-Sectional Questionnaire and Register Study [404]
  Jette Rathe, Dorte E Jarbol, René dePont Christensen, Morten Andersen, Jens Søndergaard. (Denmark)

Physician Adherence to Antihypertensive Drug Treatment Guidelines and Cost of Antihypertensive Drugs in Indian Setting [405]
  Kapil Gudala, Dipika Bansal, Anil Bhansali. (India)

Predictive Validity of Four Self-Reported Measures of Medication Adherence in Patients with Type 2 Diabetes [406]
  Arsène Zongo, Line Guénette, Jocelyne Moisan, Jean-Pierre Grégoire. (Canada)

Evaluation of Adherence To Therapy in Patients with Chronic Kidney Disease [407]
  Smita Sontakke, Ritu Budania, Chaitali Bajait, Kavita Jaiswal, Sonali Pimpalkhute. (India)

Factors Affecting the Regular Admission of Statins (according to the Register PROFILE) [408]
  Sergey Yu Martsevish, Oleg V Gaisenok, Alexandr V Zagrebelniy. (Russian Federation)

Barriers to Medication Adherence among Outpatients in Jos University Teaching Hospital [409]
  Rachel U Odesanya, Ngozi Oragwu. (Nigeria)

A Medicines List Is a Simple Tool to Improve Adherence [410]
  Yeqin Zuo, Leanne Atkins, Stephen Morrell, James Reeve. (Australia)

Association between Adherence to Secondary Prevention Therapies and Mortality in Acute Myocardial Infarction (AMI) [411]
  Tzu-Chi Liu, Yea-Huei Kao Yang, Ching-Lan Cheng, Cheng-Han Lee. (Taiwan)

The Investigation of Potential Prescription Medications Waste in a Medical Center: A Pilot Study [412]
  Yi-Jung Chiang, Yen-Yu Hsieh, Wen-Hsin Chan, Yi-Syuan Lai, Su-Yu Chien. (Taiwan)

HIV/AIDS Clinical Care Program Certification International: Pharmaceutical Care Model Established and Efficacy Analysis [413]
  Shiue-Shiang Lin, Chun-Eng Liu, Yuan-Meng Liu, Su-Yu Chien. (Taiwan)

Pharmacist-Led Educational Interventions to Improve Inhalation Technique in Pediatric Asthma Patients [414]
  Hsin-Lien Lin, Sock-Ping Ng, Chien-Hui Chen, Su-Yu Chien. (Taiwan)

Self-Reported Adherence To Antiretroviral Therapy in Sub-Saharan Africa: A Meta-Analysis [415]
  Obinna Ikechukwu Ekwunife, Charles Ebuka Okafor. (Nigeria)

Spotlight Session Adherence SIG

Enriching Persistence Prediction Models Using Prior Adherence and Empirically Selected Claims Data Components [416]
  Hiraku Kumamaru, Joshua J Gagne, Robert J Glynn, Soko Setoguchi, Sebastian Schneeweiss. (United States)

Persistence to Osteoporosis Drugs Following an Incident Osteoporotic Fracture: the PREFRAC Study [417]
  Corinne Klop, Paco MJ Welsing, Jetty A Overbeek, Patrick C Souverein, Hubert GM Leufkens, Johannes WJ Bijlsma, Frank de Vries. (Netherlands)
Efficacy and Content Analysis of Adherence Interventions to Enhance Oral Antidiabetic Adherence (OAD) in Adults with Type 2 Diabetes: A Systematic Review and Meta-Analysis [418]
Hervé Tchala Vignon Zomahoun, Marijn deBruin, Laurence Guillaumie, Jocelyne Moisan, Jean-Pierre Grégoire, Norma Perez, Lydi-Anne Vézina-Im, Line Guénette. (Canada)

The Impact of Two Consecutive Prescription Charges on Adherence to Chronic Medications in the Irish General Medical Services Population [419]
Sarah-Jo Sinnott, Stephen Byrne, Noel Woods, Helen Whelton. (Ireland)

The Influence of Anxiety and Depression on Barriers to Antiretroviral Treatment Adherence Reported by People Living with HIV in Brazil [420]
Celline C Almeida, Maria das Graças B Ceccato, Maria Inês B Nemes, Mark DC Guimaraes, Francisco A Acurcio. (Brazil)

Association between the Medicare Part D Coverage Gap and Non-Adherence to Hormonal Treatment for Breast Cancer [421]
Joel Swerdel, Kitaw Demissie, Kim Hirshfield, Sheenu Chandwani. (United States)

Erratic or Poor Psychiatric Medications Adherence and Prescribed Antipsychotics: Prime Components in a Clinical Prediction Rule for Suicide Attempt in Major Depressive Disorder Individuals [422]
Chidchanok Ruengorn, Wilaiwan Chongruksut. (Thailand)

The Discrepancy of Perceived Medication Use Patterns among the Elderly from Patient-Related and Health Professionals’ Perspectives [423]
Hsiang-Wen Lin. (Taiwan)

Benefit Risk Assessment, Communication and Evaluation

Consumption of Rosiglitazone and Pioglitazone Following Safety Warnings – A Time Series Intervention Analysis in Portugal [424]
Carla Torre, Marta Gomes, José Guerreiro. (Portugal)

Safety of Azithromycin Therapy in Patients with High Cardiovascular Risk. A Meta-Analysis of Randomized Controlled Trials [425]
Ziyad S Almalki, Jeff J Guo. (United States)

Prevalence and Antimicrobial Resistance Pattern of Community Acquired Pathogens Against Beta Lactam Antibiotics Isolated from Residents of Holy Makkah, Saudi Arabia [426]
Abdul Haseeb, Hani Saleh Faidah, Abdul Rehman Bakhsh, Abrar Al Anazi, Weam Clinton, Nada Bogus, Mahmood Essam Uddin Raggal. (Saudi Arabia)

Prevalence and Antimicrobial Resistance Pattern of Community Acquired Pathogens Against Aminoglycoside and Quinolones, Isolated from 2 Emergency Settings from Multinational Patients, Holy Makkah, Saudi Arabia [427]
Abdul Haseeb, Hani Saleh Faidah, Abdul Rehman Bakhsh, Maab Khalid Sultan, Maram Al Anazi, Fatima Al Juhani, Mahmood Essam Uddin Raggal. (Saudi Arabia)

A Meta-Analysis of the Harms Associated with the Novel Oral Anticoagulants (NOACs) for Stroke Prevention in Atrial Fibrillation (AF) and the Treatment of Venous Thromboembolism (VTE) in the Elderly [428]
Manuj Sharma, Victoria R Cornelius, Jignesh P Patel, J Graham Davies, Mariam Molokhia. (United Kingdom)

The Bleeding Risk with Warfarin-Based Antithrombotic Regimen among Acute Coronary Syndrome Patients with Atrial Fibrillation [429]
Lai Yi-Shan, Cheng Ching-Lan, Yea-Huei Kao Yang, Ping-Yen Liu. (Taiwan)

Increased Bleeding Risk of Dabigatran Usage in Patient with Renal Impairment [430]
Tzu-Yu Lin, Chi-Hua Chen, Yu-Jr Lin, Cheng-Hung Lee. (Taiwan)
Low Body Mass Index Predictor for Dabigatran Related-Bleeding [431]
Tzu-Yu Lin, Chi-Hua Chen, Kuo-Chun Hung, Ming-Shien Wen, Cheng-Hung Lee. (Taiwan)

Improving the Use of Lipid Lowering Treatment in Primary Prevention: A Randomized Clinical Trial [432]
Yolima Cossio, Eduardo Hermosilla, Francesc Fina, Daniel Prieto-Alhambra, Bonaventura Bolíbar. (Spain)

Estimate of Venous Thromboembolism and Related-Deaths Attributable to the Use of Combined Oral Contraceptives in France [433]
Aurore Tricotel, Fanny Raguideau, Cedric Collin, Mahmoud Zureik. (France)

Are ECG Monitoring Recommendations before Prescription of QT Prolonging Drugs Applied in Daily Practice? The Example of Haloperidol [434]
Miriam Warnier, Frans Rutten, Patrick Souverein, Arno Hoes, Anthonius de Boer, Marie De Bruin. (Netherlands)

Interferon β and Rate of Hospitalization Due to Infections among Multiple Sclerosis Patients [435]
Cynthia Jones, Jawad Hasan, Jin Wang, Gary Bloomgren. (United States)

Proportionality between Adverse Events Identified in Spontaneous Reporting Databases and Population-Based Estimates of Drug Exposure [436]
Joseph Kim, Marion Gaskin, David Prieto-Merino, Wilhelmine Meeraus, Andrew Thomson, Adam Collier, Stephen JW Evans. (United Kingdom)

Health Care Professionals’ Knowledge and Attitudes of Drug Benefits and Risks in Africa [437]
Derbew F Berhe, Katja Taxis, Flora M Haaijer-Ruskamp, Peter GM Mol. (Netherlands)

Used of Potentially Inappropriate Medications among Older Outpatient with Long-Term Prescription at a Medical Center in Taiwan [438]
Huei-Chao Lee, Min-Ling Tsai, Kuo-Jen Lee, Mao-Chung Weng, Shiuan-Chih Chen. (Taiwan)

Validation of a Refined Health Related Quality of Life Comorbidity Index in Populations through Cross-Sectional Surveys [439]
Huang-tz Ou, Steven R Erickson. (Taiwan)

Risk Factors of Colistin Nephrotoxicity and Severe Nephrotoxicity in the Clinical Setting [440]
Shin-Woo Kim, Hyun-Ha Chang, Su-Jung Kim, Jong-Myung Lee. (Republic of Korea)

Anti-Tuberculosis Drug Induced Liver Injury in a Regional Hospital [441]
Shu-Tzu Chen, Sheng-Kang Huang. (Taiwan)

Safety Information, Boxed Warning, and Contraindications in Drug Labeling: A Comparison of the USA, the UK, and Canada [442]
Joud K Alfraih, Lama S Alfehaid, Hisham S Aljadhey, Thamir M Allshammari. (Saudi Arabia)

Deployment and Evaluation of the Doctor-Consulting System for Home-Care Cases (DSHC) in a Medical Center [443]
Yun-Chia Chang, Mei-Jr Huang, Shih-Jung Huang, Jung-Chuan Ko, Chun-Yu Wan. (Taiwan)

How the Transparency Data Regulations Are Changing the Communication Regarding Benefit-Risk of Medications [445]
Sylvie Tomczyk. (United States)
Useability of Harm Profile Data in Product Descriptions: A Comparison between the US and Europe [446]
Victoria R Cornelius, Kun Liu, Janet Peacock, Manuj Sharma, Odile Sauzet. (United Kingdom)

Evaluation of the Value of Web Data for Detecting Drug Adverse Events [447]
Mei S Duh, Pierre Cremieux, Marc Van Audenrode, Francis Vekeman, Paul Karner, Philippe Giguere-Duval, Yongling Xiao, Joe Damron, Paul Greenberg. (United States)

A Regulators’ Challenge: the Transfer of New Scientific Knowledge into Regulatory Practice. The Example of PROTECT [448]
Xavier Kurz, Peter Arlett. (United Kingdom)

Study of Medication Errors Which May Occur in the Process of Electronic Prescription and Dispensing Using Failure Mode and Effects Analysis (FMEA) [449]
Massoud Toussi, Hélène Berthelot, Gérard Simon. (France)

Spotlight Session- Benefit Risk Assessment, Communication and Evaluation (BRACE) SIG

Quantitative Benefit-Risk Assessment of the Quadrivalent HPV Vaccine for the Prevention of Anal Cancer in Males – Method [450]
Thomas Verstraeten, François Simondon, Geraldine Dominia-Felden, Lydie Marcelon. (Belgium)

The Application of the Columbia Classification Algorithm of Suicide Assessment (C-CASA) Algorithm to Evaluate Suicidal Ideation and Behaviour Within a Post-Authorisation Safety Study [451]
Deborah Layton, Nasser Qayum, Vicki Osborne, Miranda Davies, Saad AW Shakir. (United Kingdom)

Comparative Quantitative Benefit-Risk Assessment of High- and Low-Dose Methylprednisolone in Multiple Sclerosis Relapse Management [452]
Ola Caster, I Ralph Edwards. (Sweden)

Simulation Modelling for Quantitative Benefit Risk: An Example of Comparative Harm for Glaucoma Treatment [453]
Andrew Maguire, Francisco J de Abajo. (United Kingdom)

Effectiveness of Risk Minimisation Measures for Vandetanib in Canada: A Process and Outcome Evaluation [454]
Yola Moride, Michael Kozmenko, Francesco Salvo, Alia Yousif, Sarah Frise. (Canada)

The Timing of Safety Regulatory Decisions Compared with Cumulative Meta-Analysis’ Risk Estimates [455]
Carlos Alves, Ana F Macedo, Francisco Batel Marques. (Portugal)

A Unified Framework for Classification of Methods for Benefit-Risk Assessment [456]
Mehdi Najafzadeh, Sebastian Schneeweiss, Niteesh K Choudhry, Kate Bykov, Kristijan Kahler, Diane P Martin, Stephen Arcon, Joshua J Gagne. (United States)

Drug-Drug Interaction Alerts in Hospital Setting: Distribution, the Prevalence of Overrides, and Prescriber Determinants [457]
Tewodros Eguale, Diane L Seger, Sarah P Slight, Mary G Amato, Karen C Nanji, Nivethitha Maniam, Patricia C Dykes, Julie M Fiskio, David W Bates. (United States)

Comparative Effectiveness Research

Comparative Effectiveness Research of Metformin-Based Oral Hypoglycemic Therapy in Taiwan’s Population-Based Database [458]
Huang-Tz Ou, Yen-Ting Chen. (Taiwan)

Effect of Body Mass Index on Choice of Initiating Diabetes Therapies [459]
Mugdha N Gokhale, John B Buse, Til Sturmer. (United States)
Clinical Evaluation of Tigecycline in the Treatment of Nosocomial Infection in a Hospital in Taiwan [460]
Man-Tzu M Wu, Hsiang-Yin Chen, Li-Na Kuo, Kuei-Ju Cheng. (Taiwan)

Therapeutic Drug Monitoring and Pharmacogenetic Study of HIV-Infected Ethnic Chinese Receiving Nevirapine -Containing Antiretroviral Therapy [461]
Jin-Han Yang, Chien-Ching Hung, Ching-Hua Kuo, Bing-Ru Wu, Sue-Yo Tang, Wen-Chun Liu, Sui-Yuan Chang, Shu-Wen Lin. (Taiwan)

Use of Granulocyte Colony-Stimulating Factor and Neutropenic Events among Breast Cancer and Non-Hodgkin’s Lymphoma Patients [462]
Wan-Ting Lin, Tsun-Jen Wen, Shao-Chin Chiang, Li-Juan Shen, Fei-Yuan Hsiao. (Taiwan)

A Retrospective Study of the Liver Transplantation Recipients for Finding Risk Factors of Post-Transplant Metabolic Syndrome (PTMS) [463]
Kazuyuki Niki, Mayumi Hamada, Taizo Murata, Yasushi Matsumura, Hiroaki Nagano, Toshinori Ito, Eisuko Uejima. (Japan)

Inverse-Probability-of-Selection Weighting of Rich Subsample Data Provides Informed Estimates of Treatment Effects for a Larger Sample [464]
Alan R Ellis, M Alan Brookhart. (United States)

Drug Safety Monitoring with a Self-Controlled Design and Time-Trend Adjustments Using Dabigatran and Warfarin as an Example [465]
Shirley V Wang, Joshua J Gagne, Sebastian Schneeweiss. (United States)

Aspirin for Primary Prevention of Cardiovascular Disease in Diabetes Mellitus – A Retrospective Cohort Study in Taiwan [466]
Ching-Ying Huang, Shun-Jin Lin, Wei-Hua Chen. (Taiwan)

Association between Statin Use and Cardiovascular Mortality Decline at the Population Level in the Netherlands 1994-2010 [467]
Maarten J Bijlsma, Fanny Janssen, Jens HJ Bos, Pieter Willem Kamphuisen, Stijn Vansteelandt, Eelko Hak. (Netherlands)

Association between eGFR Decline and JNC7 Concordant Antihypertensive Treatment [468]
Christopher G Rowan, Jeffrey A Spaeder. (United States)

Comparative Efficacy and Safety of New Oral Anticoagulants Versus Vitamin K Antagonists: Rationale, Design and Baseline Characteristics of the NACORA-BR Observational Study [469]
Géric Maura, Pierre-Olivier Blotiere, Kim Bouillon, Cécile Billionnet, Philippe Ricordeau, François Alla, Mahmoud Zureik. (France)

Systematic Review of of Kudiezi Injection for Acute Cerebral Infarction [470]

Comparative Effectiveness of Different Oral Antibiotics Regimens for Treatment of Urinary Tract Infection in Outpatient Settings-A Cohort Study on National Healthcare Administrative Database [471]
Chien-Chang Lee, Meng-tse Gabriel Lee, Shih-Hao Lee, Tse-Chih Chou. (Taiwan)

Looking Both Ways Before Using the Disease Risk Score (DRS): Performance of the DRS in a Cohort with Known Selection Bias [472]
Mina Tadrous, Muhammad M Mamdani, David N Juurlink, Murray D Krahn, Linda E Lévesque, Suzanne M Cadarette. (Canada)

Effect of Conventional Enzyme-Inducing Antiepileptic Drugs on Cancer Mortality and Survival: An Exposed-Unexposed Study of Carcinoma Breast and Glioblastoma Multiforme [473]
Gagandeep Singh, Ley Sander, Gail Bell. (India)
Effectiveness, Tolerability and Impact on Quality of Life of Interventions Used for the Management of Patients with Chronic Low Back Pain [474]
   Chirag s Shah, Dipika Bansal, Babita Ghai. (India)

Anticonvulsants or Antidepressants in Combination Pharmacotherapy for the Treatment of Neuropathic Pain in Cancer Patients: A Meta-Analysis [475]
   Jia Guan, Shiro Tanaka, Koji Kawakami. (Japan)

Medication and Risk of Rehospitalization in Bipolar Disorder: A Nationwide Cohort Study [476]
   Johan Reutfors, Jari Tiighonen, Lena Brandt, Louise Scheen, Antti Tanskanen, Morten Andersen, Robert Bodén. (Sweden)

Proton-Pump Inhibitors Do Not Impair (and May Modestly Help) Metformin’s Effectiveness [477]
   James H Flory, Kevin Haynes, Charles E Leonard, Sean Hennessy. (United States)

Preference-Based Instrumental Variable (IV) Methods in the Comparative Effectiveness of Osteoporosis (OP) Medications in Women with Postmenopausal Osteoporosis (PMO) Using the MarketScan Database [478]
   Jane S Der, M Alan Brookhart, Fei Xue. (United States)

Effect of Anti-Inflammatory Treatment on Depression and Side Effects: A Systematic Review and Meta-Analysis of Randomized Clinical Trials [479]
   Ole Koehlcr, Michael Benros, Merete Nordentoft, Ole Mors, Jesper Krogh. (Denmark)

Comparison of Re-Hospitalization and Emergency Room Visit Patterns Among Patients with Schizophrenia Receiving Paliperidone Palmitate or Oral Atypical Antipsychotics in an Inpatient Setting [480]
   Marie-Hélène Lafeuille, Amanda Grittner, Erik Muser, John Fastenau, Mei Sheng Duh, Patrick Lefebvre. (Canada)

Above Standard Dose of Octreotide-LAR in Patients with Neuroendocrine Tumors (NET) for Control of Carcinoid Syndrome Symptoms: A Multi-Center Retrospective Chart Review Study [481]
   Jonathan R Strosberg, Al B Benson, Lynn Huynh, Mei Sheng Duh, Jamie Goldman, Vaibhav Sahai, Alfred W Rademaker, Matthew H Kulke. (United States)

Vildagliptin Efficacy in Combination with Metformin for Early Treatment of Type 2 Diabetes Mellitus (VERIFY) [482]
   Wayne Huey-Herrng Sheu, Stefano D Prato, James Foley, Wolfgang Kothny, Plamen Kozlovski, Páivi Paldánius, Michael Stumvoll, David R Matthews. (Taiwan)

Exploring the Factors Associated with Self-Report of Health Status among the Elderly Diagnosed with Chronic Respiratory Diseases in Taiwan [483]
   Ching-Yuan Chang, Shan-Chieh Wu, Wei-Erh Cheng, Hsiang-Wen Lin. (China)

Comparative Treatment Failure Rates of Respiratory Fluoroquinolones in the Treatment of Community-Acquired Pneumonia: An Analysis of National Representative Claims Database [484]
   Chien-Chang Lee, Meng-tse Gabriel Lee, Shih-Hao Lee, Tse-Chih Chou. (Taiwan)

Urinary Albumin Secretion in Type 2 Diabetes Patients (T2DM) with Albuminuria Treated with Sitagliptin as Add-On Therapy to Metformin: A Real-World Data Study [485]
   Cheli Melzer Cohen, Gabriel Michodick, Avraham Karasik, Larry Radican, Shengsheng Yu, Bernd Voss, Ofer Sharon, Noga Gadir, Kimberley Brodovicz, Varda Shalev, Harvey Katzef, Kaan Tunceli. (Israel)

Use of High Dimensional Propensity Scores to Control for Confounding in Assessing the Association between Bone Density Screening and Hip Fracture Risk [486]
   Jie Zhang, Jeffrey R Curtis, Hong Zhao, Luqin Deng, Kenneth G Saag, Meredith L Kilgore, Paul Muntner, Nicole C Wright, Elizabeth Delzell. (United States)
On the Use of Propensity Score Method in Case of Rare Exposure [487]
David Hajage, Yann De Rycke, Florence Tubach. (France)

Marginal Structural Model Simulation: the Effect of Omitting a Variable from the Outcome Model When It Is Present in the Numerator Model [488]
Alan R Ellis, M Alan Brookhart. (United States)

Developing Alerting Thresholds for Active Drug Safety Monitoring [489]
Grace Wangge, Sebastian Schneeweiss, Robert J Glynn, Joshua J Gagne. (United States)

Cognitive Health, Willingness to Live, and Social Support but Not Physical Function May Be the Source of Healthy User Bias [490]
Soko Setoguchi, Lauren Williams, Chih-Ying Chen, Monera Wong, Melissa Clard, Winson Cheung, Edward Chia-Cheng Lai. (United States)

Value of Information Methods for Choice of Study Design [491]
Drew G Levy, David C Norris. (United States)

Outcomes of Outpatient Integrated Medical Care Services across Times in a Medical Center [492]
Hsiang-Wen Lin, Chih-Hsueh Lin, Chin-Kan Chang, Che-Yi Chou, Pin-Ting Chao, Chia-Nuan Hsu, Ling-Yu Chang, Yow-Wen Hsieh, Jui Sung Hung, Wen-Liang Huang, Der-Yang Cho. (Taiwan)

ENCePP-HTA Working Group 2014 Survey of Members Experience in Conducting Research to Support HTA [493]
Kevin Blake, Massoud Toussi, Xavier Kurz, Yvonne Lis, Vera Ehrenstein, Nawab Qizilbash, Nicholas Moore. (United Kingdom)

Medication Safety Improvement in Patients Transferred from Emergency Room to Medical Wards by Initiating Medication Reconciliation [494]
Chia-Lin Lin, Chi-Hui Lee, Chin-Lon Lin, Ning-Sheng Lai, Mei-Hua Chuang. (Taiwan)

The Effectiveness Evaluation of Lasix, Albumin, and Both Used in Liver Disease Patients with Ascites [495]
Chiu-Ju Chen, Hey-Yu Wang. (Taiwan)

Spotlight Session- Comparative Effectiveness Research (CER) SIG

Accounting for Treatment Complexity in Propensity Score Estimation: Case Study From T2DM [496]
Mary E Ritchey, Yong Chen, Michele L Jonsson Funk, Kimberly G Brodovicz. (United States)

A Propensity Score Matched Cohort Study to Measure the Effects of Orlistat or Bariatric Surgery on Health Outcomes in a General UK Population Sample [497]
Ian J Douglas, Krishnan Bhaskaran, Rachel L Batterham, Liam Smeeth. (United Kingdom)

Indirect Comparison of Meta-Analysis Findings on Adverse Treatment Outcomes: Impact of Trial Heterogeneity and Effect Measure Selection [498]
Aaron J Katz, Michael A Kelsh, Bin Yao, Dominik D Alexander, Deborah Arrindell, Douglas L Weed. (United States)

Comparative Effectiveness of Contemporary Adjuvant Chemotherapy Options among Older Rectal Cancer Patients [499]
Jennifer L Lund, Hanna K Sanoff, Til Sturmer. (United States)

Reduced Mortality in Thai Peritoneal Dialysis Patients Using Angiotensin-Converting Enzyme Inhibitors or Angiotensin Receptor Blockers: A Propensity Score Analysis [500]
Surapon Nochaiwong, Chidchanok Ruengorn, Setthapon Panyathong, Yuraporn Kaisuwan, Sirisak Nanta. (Thailand)

Incidence of Diabetes Complications in Patients on Insulin Analogues Against Those on Human Insulin [501]
Rosa Gini, Giuseppe Roberto, Francesco Cipriani, Giuseppe Seghieri, Paolo Francesconi, Francesco Lapi. (Italy)

Radiographic and Endoscopic Diagnostic Workup around Initiation of Oral Bisphosphonates [502]
Xiaojuan Li, Yong Chen, Mugdha Gokhale, Julie Chandler, Annie McNeil, Cynthia J Girman, Til Stürmer. (United States)

Using Refill Information to Improve the Performance of Preference-Based Instrumental Variables [503]
Jane S Der, M Alan Brookhart, Cathy Critchlow, Vamsidhar Goli, Fei Xue. (United States)

Classical Pharmacoepidemiology

The Impact of Insulin Glargine vs. Human Insulin Use on Cancer Incidence [504]
Anne S Geier, Ina Wellmann, Jürgen Wellmann, Jessica M Franklin, Hiltraud Kajüter, Oliver Heidinger, Georg Hempel, Hans-Werner Hense. (Germany)

Acute Pancreatitis in Type 2 Diabetic Patients Treated with Dipeptidyl Peptidase-4 (DPP-4) Inhibitor: A Population-Based Nested Case-Control Study [505]
Hsin-Chun Chou, Wen-Wen Chen, Fei-Yuan Hsiao. (Taiwan)

Risk of Spontaneous Bacterial Peritonitis Associated with Gastric Acid Suppression [506]
Chien-Chang Lee, Yi-Hsian Lin, Shih-Hao Lee, Tzu-Ting Chen, Meng-tse Gabriel Lee. (Taiwan)

Negative Control Study on the Risk of Acute Myocardial Infarction Associated with the Use of Antibiotics Using a US Database [507]
Stephanie Tcherny-Lessenot, Yunxun Wang, Juhaeri Juhaeri, Xavier Kurz, Laurent Auclert, Patrick Caubel. (France)

Does Use of Non-Steroidal Anti-Inflammatory Drugs Affect the Risk of Incident Active Tuberculosis Disease? A Nested Case Control Study on a National Health Claim Database [508]
Shih-hao Lee, Meng-tse Gabriel Lee, Yi-Hsian Lin, Chien-Chang Lee. (Taiwan)

Does Systemic Corticosteroids Use Increase the Risk of Incident Active Tuberculosis Disease? A Nested Case Control Study on a National Health Claim Database [509]
Meng-tse Lee, Yi-Hsian Lin, Shih-Hao Lee, Chien-Chang Lee. (Taiwan)

Mortality of Hydroxyethyl Starch Versus Dextran for Resuscitation in Intensive Care [510]
Lu-Hsuan Wu, Ching-Lan Cheng, Yea-Huei Kao Yang. (Taiwan)

Effect of Topical Steroids on the Eye [511]
Michael D Murray, Shanshan Li, Evgenia Teal, Corey H Whitley. (United States)

Severity of Stroke in Women Using Oral Contraceptives [512]
Klaus K Andersen, Tom S Olsen. (Denmark)

A Pilot Study on the Impact of Severe Photosensitivity Reactions Linked to Topical Ketoprofen in Europe [513]
Luigi Naldi, Simone Cazzaniga, Marie Laure Kurzinger, Laurent Auclert, Mario Gori. (Italy)

Bisphosphonate (BP) Treatment and Renal Impairment (RI) in Women with Postmenopausal Osteoporosis (PMO) in UK [514]
Fei Xue, Charles Wentworth, Paul Petraro. (United States)

Antipsychotic Drug and Seizure Risk among Patients with Psychotic or Mood Disorder in Taiwan [515]
Chi-Shin Wu, Sheng-Chang Wang, Shi-Kai Liu. (Taiwan)

An Observational Study of Upper Gastrointestinal Tract Bleeding Events in Patients Taking Duloxetine and Non-Steroidal Anti-Inflammatory Drugs (NSAIDS): A Case-Control Analysis [516]
Hu Li, Yingkai Cheng, Jonna Ahl, Vladimir Skljarevski. (United States)

Fracture Risk among Depressed Patients Initiating SNRIs vs SSRIs Antidepressants [517]
Yi-han Sheu, Amy Lanteigne, Til Stürmer, Virginia Pate, Deborah Azrael, Matthew Miller.
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