OVERVIEW
Poster sessions are designed 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.

POSTER SESSION
Posters will be displayed in Ryman Exhibit Hall. Each session is for one day:
- Monday, August 22, Poster Session A
- Tuesday, August 23, Poster Session B
- Wednesday, August 24, Poster Session C

1. Set Up
- 7:00am-8:15am. All posters must be up by 8:15am.

2. Open
- Ryman Exhibit Hall will be open from:
  - 7:00am - 5:00pm, Monday and Tuesday, and
  - 7:00am -1:30pm Wednesday.

All food functions (continental breakfasts, breaks and lunches) as well as exhibits will be located in Ryman Exhibit Hall.

3. Discussion Time
- Presenters should be at their poster between 12:15-1:15pm to discuss their posters with interested viewers.

4. Take Down
- All posters must be taken down by 6:00 pm on Monday and Tuesday; posters must be taken down by 2:00pm on Wednesday.

NOTE: Neither ISPE or the Opryland Resort & Convention Center will be responsible for any poster that is left up overnight or is lost or damaged.
<table>
<thead>
<tr>
<th></th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Patterns of Discontinuation, Dose Modification and Switching among Users of Prescription Non-Steroidal Anti-Inflammatory Drugs (NSAID) Including Cyclo-Oxygenase 2 Inhibitors (COX-2) in a UK Population</td>
<td>[3] Felix M Arellano, Charles E Wentworth, Corey May, Anila Verma, Javier Cid. (United States)</td>
</tr>
<tr>
<td>5</td>
<td>Regional Differences in Suicide Rate and Use of Lithium in Norway</td>
<td>[5] Jorgen G Bramness, Fredrik Walbye, Svetlana Skurtveit, Aa Tverdal. (Norway)</td>
</tr>
<tr>
<td>6</td>
<td>A Contribution to the Rational Use of Contraceptive Methods among Female Adolescent Students in Campo Grande, MS, Brazil</td>
<td>[6] Valdir S Siroma, Lia LC Castro. (Brazil)</td>
</tr>
<tr>
<td>13</td>
<td>Comparative Safety of Colloids: Results of a Disproportionality Analysis (DA)</td>
<td>[13] Manfred Hauben, Charles M Gerrits, Lester Reich. (United States)</td>
</tr>
<tr>
<td>14</td>
<td>Comparative Performance of Proportional Reporting Ratios (PRR) and Multi-Item Gamma Poisson Shrinker (MGPS) for the Identification of Crystalluria and Urinary Tract Calculi Caused by Drugs</td>
<td>[14] Manfred Hauben, Lester Reich, Charles M Gerrits. (United States)</td>
</tr>
<tr>
<td>17</td>
<td>Consumers Usurp Spontaneous Adverse Event Reporting in the United States</td>
<td>[17] Isaac W Hammond, Donna Rich. (United States)</td>
</tr>
<tr>
<td>18</td>
<td>Quality of Data Provided to Physicians by Dietary Supplement Manufacturers in Support of Safety and Efficacy Claims</td>
<td>[18] David J Hass, James D Lewis. (United States)</td>
</tr>
<tr>
<td>19</td>
<td>Cardiovascular Risk Factors at Baseline and Cardiovascular Events in Patients with Metastatic Breast Cancer Receiving Hormone- or Chemotherapy</td>
<td>[19] Nancy S Breekveldt-Postma, Myrthe Sukel, Jolle E Arksens, Annette B Beiderbeck, Ron MC Herings. (Netherlands)</td>
</tr>
<tr>
<td>22</td>
<td>Utilization Patterns of Pharmaceutical and Herbal Medicine in Pregnancy and Lactation</td>
<td>[22] Sigal Kaplan, Sheila Weiss Smith. (United States)</td>
</tr>
<tr>
<td>23</td>
<td>Association of Dual Use of Over-the-Counter and Prescription Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) with Health-Related Quality of Life</td>
<td>[23] Stacey H Kovac, Kenneth G Saag, Jeffrey R Curtis, Jeroan Allison. (United States)</td>
</tr>
<tr>
<td>27</td>
<td>Antihypertensive Medication Use in Newly-Aware Hypertensives</td>
<td>[137] C Ineke Neutel, Norm Campbell, Lisa Pogany, Leslie Gaudente (Canada)</td>
</tr>
<tr>
<td>28</td>
<td>What Is the Justification for Long-Term Benzodiazepine Use?</td>
<td>[28] C Ineke Neutel (Canada)</td>
</tr>
</tbody>
</table>
Mary Jo V Pugh, B Graeme Fincke, Arlene Bierman, Francesca Cunningham, Dan R Berlowitz. (United States)

31 Pregnancy Registries: Streamlining Regulatory Requirements To Increase Enrollment [31]
Susan S Roberts, Deborah L Covington, Peggy A Doi. (United States)

32 Is Spontaneous Adverse Event Reporting Stimulated by DTCA? Experience from a Low-Dose Oral Contraceptive [32]
Sonal S Shah, Ana Aymes, Georgia Lehnert, Robyn Jones, Patrick Caubel. (United States)

33 Utilisation Patterns of Over-the-Counter Medications among Georgia Medicaid Eligibles in 2001 [41]
Hua Chen, Bradley C Martin. (United States)

34 Who, Where, and What in Spontaneous Reporting: A Population-Based Study [39]
Hall, Hugh Hendrie. (United States)

35 Predictive Value of a Computerized Signal Detection Algorithm (MGPS) When Applied to FDA AERS Database [35]
Manfred Hauben, Louisa Walsh, Krisi Pietila, Elina Hemminki. (Finland)

36 A Retrospective Analysis of Morbidity Associated with Coded Postoperative Ileus among Open Laparotomy Bowel Surgery Patients [36]
Rachel E Williams, Timothy J Bell, Peter Wang, William B Saunders. (United States)

37 Post-Licensure Safety Surveillance for Recombinant Human Coagulation Factor VIIa [37]
Jennifer J Wood, Kathrynn A O’Connell, Robert P Wise. (United States)

38 Cognitive Impairment Associated with H2 Receptor Antagonists in a Community-Based Sample of Elderly African Americans [38]
Hisham S Aljadhey, Michael D Murray, Kathleen A Lane, Sujuan Gao, Kathleen S Hall, Hugh Hendrie. (United States)

39 Medications and Pregnancy: A Population-Based Study [39]
Anick Bérand, Éloïde Ramos, Lucie Blais, Djamel Berbiche. (Canada)

40 Interim Results from a Modified Event Monitoring Study of Travoprost as Used in Primary Care in England [40]
Andrew J Boshier, Lynda V Wilton, Saad AW Shakir. (United Kingdom)

41 Prevalence and Factors Associated with the Offlabel Use of Antipsychotic, Antidepressant and Anticonvulsant Medications among Georgia Medicaid Eligibles in 2001 [41]
Hua Chen, Bradley C Martin. (United States)

42 Use of Propensity Scores To Identify Possible Medication Dispensing Errors among Patients with Alzheimer’s Disease [42]
J Alexander Cole, Shao Zhu, Leo J Russo, Daniel Fife, Alexander M Walker. (United States)

43 Use of Beta-Blockers and Risk of Hip and Vertebral Fracture: Relationships to Daily and Cumulative Dose [43]
Frank De Vries, Patrick C Sourvetre, Marie L De Bruin, Hubert GM Leufkens, Cyrus Cooper, Tjeerd P Van Staa. (Netherlands)

44 Risk of Clinical Fractures after Gonadotropin-Releasing Hormone (GnRH) Agonist Therapy for Non-Metastatic Prostate Cancer [44]
Matthew R Smith, Simone Peart Boyce, Erick Moyneur, Mei Sheng Duh, Monika K Raut, Jane Bradman, Jennifer C Sung. (United States)

45 Incidence of Selected Outcomes among Matched Cohorts of Initiators of Racemic Zopiclone, Temazepam, and Zolpidem in the General Practice Research Database [45]
P Mona Eng, Najat Ziyadeh, Beth L Nordstrom, Judy Caron, David Amato, John D Seeger. (United States)

46 Cancer Risk among Danish Women with Silicone Breast Implants [46]
Soren Friis, Lisbet R Holmich, Joseph K McLaughlin, Jon P Fryzek, Trine Henriksen, Jørgen H Olsen. (Denmark)

47 Epidemiology and Treatment Patterns of Psoriasis in the General Practice Research Database (GPRD) [47]
Joel M Gelfand, Xingmei Wang, Qing Liu, Andrea Neiman, Rachel Weinstein, David J Margolis, Andrea B Troxel. (United States)

48 The Association between p.r.n. (As-Needed) Medication and Aggressive Incidents in Psychiatric Inpatients [48]
Laurette E Goffard, Joost J Stolker, Eibert R Heerdink, Henk LI Nijman, Toine CG Egberts. (Netherlands)

49 Evaluation of an Automated Risk Score for Determining the Risk for NSAID-Related Gastrointestinal Events Using Pharmacy Data [49]
Maarten J ten Berg, Wim G Goettsch, Peter AGM de Smet, Ron MC Herings. (Netherlands)

50 Effectiveness of Antipsychotic Treatments in a Nation-Wide Cohort of 2230 Patients in Community Care after the First Hospitalization Due to Schizophrenia and Schizoaffective Disorder [50]
Jari K Hautka, Jari Tihinen, Timo Klaukka, Kristian Wahlbeck, Jouko Lönnqvist. (Finland)

51 Retrospective Cohort Study on Relationship between Short-Term Fever of Unexplained Origin and Tiaobaokang or Purun Injection(Puerarin Injection) [51]
Xue-rong Huang, Rong-yanan Zheng, Xi-jia Wang, Xiu-hua Zhang, Rong Jin. (China)

52 Analgesic Use in Early Pregnancy [52]
Michele L Jonsson Funk, Katherine E Hartmann. (United States)

53 Who’s Watching the Safety of OTC Drugs—and How? [53]
Lynn Rosenberg, David W Kaufman, Allen A Mitchell. (United States)

54 Case-Control Study on the Association of Upper Gastrointestinal Bleeding and Non-Steroidal Anti-Inflammatory Drugs in Japan [54]
Kiyoshi Kubota, Tsunugumi Sato, Akira Terano, Kentaro Sugano, Choitsu Sakamoto, Shinichi Ota, Susana Perez-Guthmann, David W Kaufman. (Japan)

55 Impact of Exception Drug Status on the Appropriate Use of TZDs [55]
Marc Dora, Jacques Le Lorier. (Canada)

56 Do Statins Induce Higher Risk of Myopathy in Patients with Hyperlipidemia [56]
Mei-Shu Lin, Nen-Chung Chang, Yen-Hui Chen, Yea-huei Kao Yang. (Taiwan)

57 Safety Profile of Tacrolimus Ointment as Used in General Practice in England: Interim Results of an Ongoing Prescription-Event Monitoring Study [57]
Vanessa Marshall, Lynda V Wilton, Saad AW Shakir. (United Kingdom)

58 New Users of Inhaled Corticosteroids (ICS) in the United Kingdom Have Higher Probability of Continuous Use Than New Users in the Netherlands [58]
Tanja T Moneckeberg, Jitka Pokladnikova, Marcel L Bouvy, Svetlana V Belitser, Madelon Bracke, Jan AM Raaijmakers, Hubert GM Leufkens. (Netherlands)

59 Lymphoma Risk in Patients with Rheumatoid Arthritis Who Received 2 or More Disease Modifying Anti-Rheumatic Drugs (DMARDs): A Retrospective Cohort Study in the GPRD [59]
Daniel I Mines, Laura A Novelli, Holly Yu. (United States)
60 Temporal Relationship between Non-Steroidal Anti-Inflammatory Drugs / COX-2 Inhibitors and Cardiovascular Risk – A Retrospective Analysis Using the Veteran Affairs (VA) Database [60]
Stephen P Motsko, Karen L Rascati, Jamie C Barner, Anthony J Busti, James P Wilson, Kenneth A Lawson. (United States)

62 The WHI Publication: What Are the Changes in Pattern of HRT Use and the Persistence Rate? [62]
Marie Pascale Guay, Alice Dragonmir, Yola Moride, Sylvie Perreault. (Canada)

63 Racial Differences in Medications Used in African American Compared to White Young Adults from a Population-Based Sample: The CARDIA Study [63]
Maribel Salas, O Dale Williams, Lucia Juarez, Yongin Kim, Sharina D Person, Catarina Kiefe. (United States)

66 Determinants of Suboptimal Antidepressant Use in the Elderly: Are Patient or Physician Factors More Important? [69]
Phillip S Wang, M Alan Brookhart, Sebastian Schneeweiss, Jerry Avorn, Robert J Glynn, Amanda Patrick, Daniel H Solomon. (United States)

67 Persistence, Compliance and Adherence to Statins: A Comparison of “Treat to Target” and “Fire and Forget” Treatment Strategies [70]
Li Wei, Thomas M MacDonald, Michael J Murphy. (United Kingdom)

68 Risk of Adverse Pregnancy Outcome after Maternal Use of Fluoroquinolones [71]
Pia Wogelius, Mette Nørgaard, Mette Gislim, Henrik Carl Schönheyder, Henrik Toft Sørensen. (Denmark)

69 Defining the Feasibility of Using an Administrative Medical Claims Database To Study the Pharmacogenetics of a Rare Adverse Event [72]
Thankos I Zavras, Donnie P Funch, Jared D Danielson, Cheryl A Farello, Julian B Arbuckle, Edward L Murrelle. (United States)

70 Cost-Effectiveness of Increasing Influenza Vaccination Rate by Community Pharmacists Advocating Immunization [73]
Takashis Usami, Masayuki Hashiguchi, Tsuyoshi Kouhara, Akira Ishii, Taizou Nagata, Mayumi Mochizuki. (Japan)

71 Use of Post-Market Safety Surveillance Data To Detect Drug Interactions: Drug A and Coumadin [74]
Isaac W Hammond. (United States)

72 Methodological Aspects and Contents of the Pharmacoepidemiological Questionnaire for Children and Adolescents - KIGGS-Survey of the Robert Koch-Institute in Germany [75]
Hans-Ulrich W Melchert, Hildtraud Knopf, Ellen Pabel, Marianne Braemer-Hauth. (Germany)

73 Therapeutic Risk Management: A Case Study of Recombinant Human Erythropoietin Therapy among Renal Failure Patients [76]
Dennis J Cotter, Mae Thamer, Yi Zhang, Kevin Stefanki. (United States)

74 Redundancy: A Discrepancy between What We Want and What We Get from our Effect Estimates [77]
Nicole M Gatto, Ulka B Campbell. (United States)

75 Applying Multinomial Logistic Regression in Hypertensive Patients [78]
Ana P Ferreira, Jose P Guerreiro, Maria F Oliveira. (Portugal)

76 Determinants of Lower and Upper Bounds on the Correlation between Treatment and Instrumental Variable Limit the Applicability of the Method [79]
Edwin P Martens, Wiebe R Pestman, Ton de Boer, Svetlana V Belitser, Olaf H Klungel. (Netherlands)

77 Differential Risks of Death for Users of Carvedilol According to the Specialty of the Prescriber [80]
Marc Dorais, Jacques LeLorier. (Canada)

78 Comparison of Three Methods in Causality Assessment: Expert Judgement, French Algorithm and Logistic Method [81]
Helene Theophile, Yannick Arimone, Francoise Haramburu, Ghada Miremont-Salame, Nicholas Moore, Anine Fourrier-Reglat, Bernard Begaud. (France)

79 COST-EFFECTIVENESS OF INFLUENZA VACCINATION – WHAT IS THE RISK AVERTMENT? [82]
Vitali Poole, Steve P James, Robert T Chen. (United States)

80 Comparison of Three Methods in Causality Assessment: Expert Judgement, French Algorithm and Logistic Method [81]
Helene Theophile, Yannick Arimone, Francoise Haramburu, Ghada Miremont-Salame, Nicholas Moore, Anine Fourrier-Reglat, Bernard Begaud. (France)

81 Outpatient Pharmacist’s Interventions in Sultan Qaboos University Hospital, Oman [83]
Wael Al-Naeem, Aqueela Taqi, Issa Al-Rashdi, Kassim Al-Riyamy. (Oman)

82 Disease Management Programs Targeting Asthma and Chronic Obstructive Pulmonary Disease Patients: A Systematic Review and Meta-Analysis [86]
Enkhe Badangarav, Anaclito Gano, Jr., Suellen Curkendall. (United States)

83 Disease Management Programs Targeting Asthma and Chronic Obstructive Pulmonary Disease Patients: A Systematic Review and Meta-Analysis [86]
Enkhe Badangarav, Anaclito Gano, Jr., Suellen Curkendall. (United States)

84 Changes in the Utilization of Oral Antidiabetic Drugs between 1998 and 2004 in Hungary [87]
Peter Doro, Edit Kosik, Maria Matuz, Gyongyver Soos. (Hungary)

85 Pharmacopeidemiogenomics: New Paradigm in Pharmacoepidemiology [88]
Pendar Farahani, Mitchell Levine. (Canada)

86 Diabetes Mellitus Associated with Atypical Antipsychotic Use among Patients with Bipolar Disorders in a Large Managed Care Population [89]
Jeff J Guo, Paul E Keck, Jr., Hong Li, Raymond Jang, Williams Carson. (United States)
90 The Menopause Rating Scale (MRS) as Outcome Measure for Hormone Treatment [90]
Lothar AJ Heinemann, Juergen Dinger. (Germany)

91 Economic Evaluation of Sirolimus-Eluting Stents in Japan [91]
Mia Kobayashi, Shunya Ikeda. (Japan)

92 Who Are Statin Users in the Community? (A Canadian Experience) (Preliminary Report) [92]
Pendar Farahani, Kathryn Gaebel, Jacques LeLorier, Sylvie Perrault, Jane Gillis, Judith Soon, Mitchell Levine. (Canada)

93 Patterns of Analgesic Use for Musculoskeletal Disorders in Rural Alberta, Canada [93]
Katherine Gooch, C Y Frank, Stuart MacLeod. (Canada)

94 Estimating Off Label Drug Use in Two Pediatric Populations Using Claims Data [94]
Susan A Oliveria, Catherine B Johannes, Teresa A Simon, William B Saunders, Paul E Stang. (United States)

95 The Cost-Effectiveness of Enhanced Depression Care to Employers [95]
Amanda R Patrick, Jerry Avorn, Francisca Azocar, Ronald Kessler, Evette Ludman, Joyce McCulloch, Gregory Simon, Philip S Wang. (United States)

96 The Norwegian Prescription Database (NorPD) - New Register for Pharmacoepidemiologic Research Covering a Whole Nation [96]
Kari Furu, Hanne Strøm, Marit Rønning, Svetlana Skurtveit, Anders Engeland, Aage Kari Furu, Hanne Strøm, Marit Rønning, Svetlana Skurtveit, Anders Engeland, Aage Kari (Norway)

97 Prevalence and Treatment of Cardiovascular Risk Factors in Italy [97]
Miriam CJM Sturkenboom, Giampiero Mazzaglia, Gino Picelli, Ezzy Moaffarri, Alessandro Filippi, Claudio Cricelli. (Netherlands)

98 Duration of Therapy among Patients Dispensed Type 2 Diabetes Medications in the U.S. and U.K. [98]
Priscilla Velentgas, J Alexander Cole, Najat Ziyadeh, Laurie Costa, Kathleen Shea, John D Seeger, Alexander M Walker. (United States)

END- SESSION A

1 Patient Access to and Utilization of Prescription Drugs in the Saudi Ministry of Health Hospital Outpatient Clinics [150]
Mohamed A Alkelya, David H Kreling. (United States)

2 Contribution of Latin America to Pharmacovigilance: Analysis of the Literature [151]
Victoria E Arango, Camilo J Gonzalez, Thomas R Einarson. (Canada)

3 Increase in Prevalence of Antidepressant Use in Quebec within All Age Groups and Persons Diagnosed with Depression, Panic or Generalized Anxiety Disorders [152]
Louise Barnard. (Canada)

4 Persistence to Inhaled Corticosteroids among Asthmatic Adolescents [153]
Lucie Blais, Sylvie Perreault, Djamal Berbiche, Johanne Collin, Lynne Lalonde, Claudine Laureur. (Canada)

5 Country’s Illness Burden: Identifying New Drugs of 2004 That Could Help To Overcome It [154]
Carlos CF Vidotti, Lía LC de Castro, Simone S Calil. (Brazil)

6 Antenatal Use of Corticosteroids: Recall Accuracy in Questionnaires [155]
Maria Cederholm, Britta Alexandersson, Helle Kieler. (Sweden)

7 Use of Antiplatelet Drugs among Outpatients with Diabetes at a Medical Center in Southern Taiwan [156]
Chi Wen Chiang, Hui Fen Chiu, Hsin Lung Wu, Chn Yuh Yang. (Taiwan)

8 A Survey-Based Assessment of the Prevalence and Severity of Chronic Hand Dermatitis (ChHD) [157]
Joseph F Fowler, Mei Sheng Duh, Jane Chang, John Person, Deborah Duh, Monika Raut, Arindam Ghosh, Elana Den, Jennifer Reynolds. (United States)

9 Spontaneous Reports on Desmopressin-Associated Hyponatremia in Elderly Patients [158]
Torbjorn Caillet, Elisabeth Ekman, Morten Andersen. (Denmark)

10 Abstract Withdrawn

11 Patients’ Knowledge on Generic Medications [160]
Ermelindo Fontes, Jose C Pimentel, Nelson Alves, Ana Paula Martins. (Portugal)

12 Illustrating Trends and Costs of Antihypertensives Using the Medical Expenditure Panel Survey, an Underused Resource in Pharmacoepidemiology [161]
Douglas Gause, Craig Plauschinat. (United States)

13 Cornfield’s Condition Applied to Data Mining Output To Ascertain Confounding [162]
Manfred Hauben, Charles M Gerrits, Lester Reich. (United States)

14 Pituitary Apoplexy Associated with Leuprolide, Goserelin and Triptorelin [163]
Paula Gish, Carolyn A McCluskey, Mark Avigan. (United States)

15 Survey of Pharmacovigilance Programs in Latin America [164]
Juan Camilo Gonzalez R., Thomas Ray Einarson. (Colombia)

16 Adverse Events Following Influenza Vaccination in Adults 50-64 and ≥65 Years: Vaccine Adverse Event Reporting System (VAERS), 7/2002-2/10/2005 [165]
Penina Haber, Herrera Guillermo, Peng-Jun Lu, John Iskander, Kimp Walton, Frank DeStefano.. (United States)

17 Beers Drugs and Medication Error Reports in North Carolina Nursing Homes [166]
Richard A Hansen, Sandra B Greene, Charlotte E Williams, Susan J Blalock, Kathleen D Crook, Roger Akers, Timothy S Carey. (United States)

18 Abstract Withdrawn[167]

19 Antihypertensive Drug Use in Diabetic Patients in Japan: A Drug Use Investigation Contrasted with Guidelines [168]
Shingo Horiguchi, Yukari Kamijima, Nobuhiro Ooba, Kiyoshi Kubota, Mitsunori Yamage, Shigeru Kageyama, Kazuo Samizo, Yoshihiro Shimodozono, Tadashi Kusunoki. (Japan)

20 Evaluation of Prescribing to Patients with Coronary Heart Disease Against the National Service Framework [169]
Annie Hutchinson, Helen Seaman, Richard Farmer, Corinne de Vries. (United Kingdom)

21 What Happens When the Drug of Choice Is Temporarily Unavailable? A Report of a Natural Experiment in Drug Utilization in a Managed Care Setting in Israel [170]
Natan R Kahan, Dan-Andrei Waiman, David P Chinitz, Ernesto Kahan. (Israel)
22 Quality Review of Congenital Anomaly Reports Sent to the U.S. Food and Drug Administration (FDA) [171]
Dianne L Kennedy, Abbie Erickson, Kathleen Uhl, Roger A Goetsch. (United States)

23 Trends in Use of Clotrimazole/Betamethasone Dipropionate Combination Products in Pediatric Patients [172]
Lois La Grenade, David Moeny, Marilyn R Pitts. (United States)

24 Atypical Antipsychotic and Concomitant Psychotropic Utilization Patterns in a Schizophrenic Medicaid Population [173]
Anthony M Louder, Jeff J Guo. (United States)

25 Price Trends and Utilization Patterns of Breast Cancer Drug Therapy in the US Medicaid System [174]
Sarah A Malott, Yan Chen, Jane Pruemer, Jeff J Guo. (United States)

26 Physician Attitudes and Practice Patterns Concerning Outpatient Antibiotic Use for Older Adults [175]
Joshua P Metlay, Judith Kinman, Linda Crossette. (United States)

27 Do Psychosocial Factors, Asthma Control and Quality of Life Differ between Teenagers and Adults? [176]
Jocelyne Moisan, Line Guénette, Yves Bolduc, Madone Turcotte, Eileen Dorval, Jean-Pierre Grégoire. (Canada)

28 How and Why Do Men and Women Differ in Medication Usage? [177]
C Ineke Neutel, Wikke Walop. (Canada)

29 Utility of Data Mining Methods in Real-World Pharmacovigilance Setting When Prospectively Compared with Traditional Signal Detection Methods [178]
Vaishali K Patadia, G Scott Chandler. (United States)

30 Abstract Withdrawn [179]

31 Usage of Non-Prescription Medication by People with Diabetes in Ahvaz (Khozestan State) [180]
Shadi Sarahroodi, Mohammad Mehdi Nourollahi Ravari, Azadeh Ashtarijehad, Fatemeh Jahanbakhsh Sefidi. (Islamic Republic of Iran)

32 Medicaid High-Risk COPD Population: Health Care Resource Utilization [181]
Fadia T Shaya, Antoine C El Khoury, C Daniel Mullins, Steven M Scharf. (United States)

33 What Influence Variation of Sale of Analgesics Containing Codeine between Regions in Norway [182]
Svetlana Skurtveit, Anders Engeland, Solveig Sakshaug, Liliana Bachs, Jørgen Bramness. (Norway)

34 Variation in Antihypertensive Utilisation and Guideline Preference [183]
Pieter Stolk, Boris LG Van Wijk, Eibert R Heerdink, Hubert GM Leufkens. (Netherlands)

35 Quality Evaluation of Clinical Trial Literatures on Traditional Chinese Medicine in China from 1980 to 2000 [184]
Peishan Wang, Zhenlin Jia, Lijian Li, Jiang Tian, Dengyuan Zhou, Haixin Li. (China)

36 Descriptive Analysis, Coded Postoperative Ileus, and Medication Utilization of Patients Undergoing Bowel Surgery Via Open Laparotomy [185]
Rachel E Williams, Timothy J Bell, Peter Wang, William B Saunders. (United States)

Rong-yuan Zheng, Xue-zhi Yong, Zhen-guo Zhu, Wei-yong Yin. (China)

38 How Participation in a Drug Company-Managed Clinical Trial Influenced GPs’ Guideline Adherence and Drug Preference: A Register-Based Study [187]
Morten Andersen, Jakob Kragstrup, Jens Soendergaard. (Denmark)

39 Relationship between Conformity to Antidepressant Treatment Guidelines for Depressive Disorders and Cost of Health Services [188]
Regis Blais, Hana Partlova, Jean Lachaine, Maita Sewitch. (Canada)

40 The Influence of Physician Guideline Compliance on Patient Statin Adherence [189]
Joanne R Campione, Betsy Sleath, Andrea K Biddle, Morris Weinberger. (United States)

41 Utilization of Parenteral Non-Steroidal Anti-Inflammatory Drugs in the Ambulatory Service in Taiwan [190]
Ching-Lan Cheng, Shih-Chen Kuo, Shu-Wen Jia, Yea-Huei Yang Kao. (Taiwan)

42 Recruiting Physicians to an Internet-Based Quality Improvement Project: Effectiveness of a Targeted, Multi-Phase, Incentive-Based Strategy [191]
Jeffrey R Curtis, Angela Becker, Jeroan J Allison, Linda Casebeer, Mary Elkins, Varghese George, Catarina Kiefe, Nachatchai Panjampiromi, Ramkumar Santhanakrishnan, Claire Spettell, Norman Weissman, Andrew O Westfall, Kenneth G Saag. (United States)

43 Incidence of Peptic Ulcers during Use of Low-Dose Effervescent Calcium Carlsulate and Regular Low-Dose Acetylsalicylic Acid [192]
Martijn G van Oijen, Jeanne P Dieleman, Robert Laheij, Miriam C Sturkenboom, Jan B Jansen, Freek W Verheugt. (Netherlands)

44 Prescribing of Ethinylestradiol/ Drospirenone to Women on “Watch Lists” of Contraindicated Hepatic, Renal, and Adrenal Conditions [193]
P Mona Eng, Jeanne Loughlin, John D Seeger, Jennifer A Cutone, Alexander M Walker. (United States)

45 The Trade-Off between Cardiovascular and Gastrointestinal Effects of Rofecoxib [194]
Stefan R Florentinus, Eibert R Heerdink, Antonius de Boer, Liset van Dijk, Hubert GM Leufkens. (Netherlands)

46 Pneumonia in an Asthma Cohort in General Practice in the UK [195]
Luis A Garcia Rodriguez, Mari-Ann Wallander, Saga Johansson, Ana Ruigomez. (Spain)

47 Is It Feasible To Conduct a Cohort Study Via the Internet? [196]
Alicia Gilsenan, Patricia Tennis, Elizabeth Andrews, Xiaolei Zhou, Florence Coste, Christine Radigue. (United States)

48 Use of Rosuvastatin (Crestor®) after Introduction on to the Dutch Market [197]
Myrthe PP Sukel, Wim G Goettsch, Fabian Termorshuizen, Ron MC Herings. (Netherlands)

49 Risk Factors for Inflammatory Bowel Disease in the General Population [198]
Luis A Garcia Rodriguez, Antonio González-Párez, Saga Johansson, Mari-Ann Wallander. (Spain)

50 Case-Control Study on Analgesics and Nephropathy (SAN). Preliminary Results (2004) [199]
Fokko van der Woude, Lothar AJ Heinemann, Helmut Graf, Michael Lewis, Doerthe Kuhl-Habich. (Germany)
51 Investigation of Deaths and Serious Illnesses Following Influenza Vaccination in a Long-Term Care Facility [200] Alison M Rue, Shauna Lyn, John K Iskander, Joel Blostein, Paul Gargiullo, Sean Shadomy, Jane Seward, Robert T Chen. (United States)

52 Comparison of the Incidence Rates of Thromboembolic Events Reported for Patients Prescribed Rofecoxib and Celecoxib in General Practice in England Using Prescription-Event Monitoring Data [201] Rachna Kasliwal, Scott Harris, Deborah Layton, Lynda Wilton, Saad Shakir. (United Kingdom)

53 Potential Limitations of Electronic Database Studies of Non-Aspirin Non-Steroidal Anti-Inflammatory Drugs (NANSAIDs) and Risk of Myocardial Infarction (MI) [202] Leonard Ilkhanoff, James D Lewis, Sean Hennessy, Jesse A Berlin, Stephen E Kimmel. (United States)


55 Association between beta-Agonists and Death in Patients with Chronic Airway Disease [204] Odile Sheehy, Jean Bourbeau, Jacques LeLorier. (Canada)

56 Health Outcomes in Women Taking Ethinylestradiol/Drospirenone and Other Oral Contraceptives, Interim Results [205] Jeanne Loughlin, John D Seeger, P Mona Eng, C Robin Clifford, Alexander M Walker. (United States)

57 Safety Profile of Pimecrolimus Cream as Used in General Practice in England: Interim Results of an Ongoing Prescription-Event Monitoring Study [206] Vanessa Marshall, Lynda V Wilton, Saad AIW Shakir. (United Kingdom)

58 Significant Association between Previous and Future Asthma Exacerbations in Severe or Difficult-to-Treat Asthma [207] Mary K Miller, Beiyaoy Zheng, Howard Fox, June Lee, Sally Wenzel. (United States)

59 Cardiovascular Safety of Viagra® (Sildenafil Citrate): Results of the International Men’s Health Study, a Long-Term Observational Cohort Study [208] Murray A Mittleman, Michael Lewis, Malcolm K Maclure, Gillian C Hall, Nicholas Moore, Rachel E Sobel, Robert F Reynolds, Dale B Glasser. (United States)

60 Bacteremia in Patients with Hematologic Malignancies: The Impact of Inappropriate Empirical Antibiotic Treatment on 7-Day and 30-Day Mortality [209] Mette Nørgaard, Heidi Larsson, Gitte Pedersen, Henrik C Schanheyder, Henrik T Sørensen. (Denmark)

61 Risk Factors for Peptic Ulcer Bleeding and Perforation with Celecoxib and Other Nonsteroidal Anti-Inflammatory Drugs [210] M Kay Patterson, Xiaochun Zhang, Jennifer Cutton, Jordi Castellsague, Alexander M Walker. (United States)

62 Prevalence and Predictors of Antidepressant Utilization before, during and after Pregnancy: A Population-Based Study [211] Élodie Ramos, Djomal Berbiche, Evelyne Rey, Lucie Blais, Anick Bérard. (Canada)

63 Consequences of Immunossuppression Minimization Following Diagnosis of Gastrointestinal Complications in Renal Transplant [212] Mark A Schmitzler, Karen L Hardinger, Thomas E Burroughs, William Irish, Krista L Lentine, Daniel C Brennan. (United States)

64 Inhaled β-Agonists and the Risk of Sudden Cardiac Death [213] Sabine MJM Straus, Miriam CJM Sturkenboom, Gysèle S Bleumink, Jeanne P Dieleman, J Herre Kingma, Johan van der Lei, Bruno HCh Stricker. (Netherlands)

65 Tranexamic Acid, Menorrhagia and Venous Thromboembolism – A Case-Control Study Using the GPRD [214] Anders Sundstrom, Helen Seaman, Lars Alfredsson. (Sweden)

66 Hormone Replacement Therapy and Risk of Colorectal Cancer: A Population-Based Case-Control Study [215] Mette S Tetsche, Heidi Larsson, Mette Nørgaard, Søren Friis, John A Baron, Henrik C Schønheyder, Henrik T Sørensen. (Denmark)

67 The Association between Antiepileptic Drug Use and Aplastic Anemia: A Population-Based Case-Control Study [216] Patricia MLA van den Bent, Patrick C Soureven, Tjeerd P van Staa, Ron HB Meyboom, Wouter W van Solinge, Toine CG Egberts, Bert GM Leufkens. (Netherlands)

68 Fifteen Additional Months of Follow-Up Confirm the Absence of Association between Immunization with Infanrix™-hexa and Sudden Unexpected Deaths [217] Thomas Verstraeten, Corinne Pierfitte, Thomas Breuer. (Belgium)

69 Trends in Cholesterol Concentrations and the Use of Statins in the Tayside Population, 1993-2002 [218] Li Wei, Thomas M MacDonald, Michael J Murphy. (United Kingdom)

70 Safety Profile of Tiotropium Used in General Practice in England: Results of a Prescription-Event Monitoring Study [219] Lynda V Wilton, Saad A Shakir. (United Kingdom)

71 Respiratory Failure in Patients with Myasthenia Gravis in the US [220] Jasminda H Wu, Mary N Haan, Wanju S Dai. (United States)

72 Longitudinal Patterns of Asthma Medication Use in Preschool Children: Results from the PIAMA-Study [221] Mira GP Zuidegeest, Henriette A Smit, Madelon Bracke, Alet Wijga, Bert Brunkneef, Hubert GM Leufkens. (Netherlands)

73 Validation of Drug Use as Proxy Identifier of Congestive Heart Failure Diagnosis [222] Annette B Beiderbeck, Maurille A Feudjo-Tepie, Samantha A St.Laurent, Nawab Qizilbash. (United Kingdom)

74 Reliability of an Adverse Drug Event Classification System for In-Hospital Pharmacovigilance [223] Kevin Haynes, Sean Hennessy, Knashawn Morales, Catherine Barnhart, Gene Gibson, Chitra Jaipaul, Darren Linkin. (United States)


76 A Method of Assigning Severity of Chronic Obstructive Pulmonary Disease Using Administrative Data [225] Suelien M Curkendall, Stephan Lanes, Cynthia de Luise, Mary Rose Stang, Earl Goehring, Jr., Dewei She, Judith K Jones. (United States)

77 Abstract Withdrawn [226]


80 Visual Distortions of Relative Risk and Odds Ratio in Graphical Figures Published in the Medical Literature [229] Mitchell Ah Levine, Ahmad El-Nahas. (Canada)

81 Adjusting for Physician Sampling When Calculating Reporting Rates [230] Rita Ouellet-Hellstrom. (United States)

82 Peripheral Ischaemia and Gemcitabine - An Assessment of the Strength of Association [231] Catharine E Raitt, Andrezj Czamecki. (United Kingdom)

83 Different Results from Different Causal Contrasts in the Presence of Effect Modification [232] Til Stürmer, Kenneth J Rothman, Robert J Glynn. (United States)

84 Abstract Withdrawn[233]

85 Antidiabetic Drug Treatment Patterns and Glycemic Control in a U.S. Managed Care Population [234] Susan E Andrade, Cynthia Willey, Joseph Cohen, Jerry H Gurwitz. (United States)


87 Health Economic Analyses in South America: Analysis of the Literature [236] Marcio Machado, Thomas R Einarson, Michael Skedjdan. (Canada)

88 Discontinuation Rates for SSRIs and Other Second-Generation Antidepressants in Outpatients with Major Depressive Disorder: A Systematic Review and Meta-Analysis [237] Gerald Gartlehner, Rick A Hansen, Kathleen N Lohr, Bradley N Gaynes, Timothy S Carey. (United States)

89 Abstract Withdrawn[238]

90 Bullying and Medicine Use among Adolescents: Cross-Sectional Survey [239] Bjorn E Holstein, Permillie Due, Ebb Ha Hansen. (Denmark)

91 Does Incorporating Medications in the Surveyors’ Interpretive Guidelines Reduce the Use of Potentially Inappropriate Medications in Nursing Homes? [240] Kate L Lapane, Brian J Quilliam, Steve Kogut, David Dore, Carmel M Hughes. (United States)

92 Drug Expenditures among Elderly People in Belo Horizonte, Brazil [241] Marina G Lima, Andreia O Ribeiro, Suely Rozenfeld, Carlos H Klein, Francisco A Acurcio. (Brazil)


94 Meta-Analysis of the Causal Relationship between Coffee Consumption and Type 2 Diabetes Mellitus [243] Hideki Origasa, Naomi Yokoyama, Hironori Sakai, Mitsuhiko Noda. (Japan)

95 A Meta-Analysis of Randomized Controlled Trials with Paroxetine: Does Putative Mode of Action Really Improve Clinical Outcomes? [244] Martin Katzman, Andrea C Tricco, Diane McIntosh, Marie-Josée Filteau, Pierre Bleau, Pratap Chokka, Kevin Kjernisted, Ba’ D Pham, Hiram Mok. (Canada)


99 Does Antithrombotic Therapy for Percutaneous Coronary Intervention Affect the Incidence of Venous Thromboembolism? [248] Ashleigh R Macdonald, Tammy J Connor, Andrew T Halliday. (United States)

100 Use of Non-steroidal Anti-Inflammatory Drugs (NSAIDs) in a UK Population [250] Felix M Arellano, Charles E Wentworth, Corey May, Anila Verma, Elena Rivero, Kenneth J Rothman. (United States)

1 Abstract Withdrawn [251]

1 Abstract Withdrawn [252]

1 Abstract Withdrawn [253]

1 Abstract Withdrawn [254]

1 Abstract Withdrawn [255]

3 Trends in Antihypertensive Drug Prescribing in Internal Medicine Departments in Italy from 1998 to 2003 [256] Giovanna Cipolla, Mariagrazia Felisi, Simona Ravera, Andrea Lanza, Cristina Meneghin, Ambrogio Bottino, Giovanbattista Ippoliti, Gianmario Frigo. (Italy)

5 Drug Therapy Follow-Up for Hypertensive Patients at a Senior Community Center in Campo Grande, Mato Grosso do Sul, Brazil [260] Maria L Oshiro, Eliza M Novaes, Lia LC Castro. (Brazil)

6 Preventable Medical Errors Involving Mix-Up of Tuberculin Purified Protein Derivative (PPD) and Vaccine Products Reported to the Vaccine Adverse Event Reporting System (VAERS) and Adverse Event Reporting System (AERS) [261] Soju Chang, Vitali Pool, Kathryn O’Connell, Jacquelyn Polder, John Iskander, Colleen Sweeney, Robert Ball, M Miles Braun. (United States)

7 Descriptive Analysis of Newly Diagnosed Overactive Bladder Patients Using a Claims Database [262] Anne B Dilley, Jean M Hastie, Susan A Hall, Peter J Egger. (United States)

8 Changes in Blood Pressure Lowering Treatment: Do We Reach Treatment Goals? The Tromso Study 1994 and 2001 [263] Anne Elise Eggen, Inger Njolstad, Frode Skjold. (Norway)

9 ARAMIG Study: Correlates of Use of Antimigraine Therapy in French Family Practice [264] Eric Van Ganse, Dominique Huas, Gerard Mick, AF Gaudin, G Nachbaur, Nadine Desmons, Abdelkader El Hasnaoui. (France)

10 Use of N-of-1 Trials in Stimulant-Treated Youths in The Netherlands [265] Adrienne Faber, Ron Keizer, Paul B van den Berg, Lolkje TW de Jong-van den Berg, Hilde Tobli. (Netherlands)
11 Characteristics of End Stage Renal Disease Patients Receiving Phosphate Binder Therapy in UK Primary Care [292]
Arlene M Gallagher, Heba Elgazzar, Gwenda Hughes. (United Kingdom)

12 Application of Disproportionality Analysis to Spontaneous Reports of Fluoroquinolone Phototoxicity: Correlation of Reporting Rates with Drug Molecular Structure Toxicity Gradients [293]
Manfred Hauben, Lester Reich. (United States)

13 Retrospective Disproportionality Analysis on Phantom Ships (Discounted Drug-Event Associations Originally Identified through Traditional Pharmacovigilance) [294]
Manfred Hauben, Lester Reich. (United States)

14 Period Prevalence of Four Autoimmune Diseases within a Large US Managed Care Population [295]
Earl L Goehring, Jr., Bao-Anh Nguyen-Khoa, Ruby M Vendila, Pavel Napalkov, Wei Dong, Judith K Jones. (United States)

15 What Is the Proportion of Hospitalizations Related to ADRs in Portugal? [296]
José P Guerreiro, José Giria, Filipa Costa, Ana P Martins, Ana C Miranda. (Portugal)

16 Comparison of the Nature of Spontaneous Adverse Drug Reaction Reports Received from Consumers Versus Healthcare Professionals in 2003 [297]
Isaac W Hammond, Donna Rich, Lisa Laksh, Andrew G Cochrane, Vlasta Pinkston, Trevor G Gibbs. (United States)

17 Cardiovascular Risk Profile Distribution in a Norwegian Population According to European (SCORE) Guidelines: Implications for Pharmacological Primary Prevention. The Tromsø Study 2001 [298]
Ingeborg Hartz, Inger Njalstad, Anne Elise Eggen. (Norway)

18 Communication of Findings and Conclusions in Pharmacovigilance: Need for Precision [299]
Manfred Hauben, Lester Reich. (United States)

19 Lifetime Co-Occurrence of Illicit Prescription Drug Use Disorders with Other Illicit Drug Use Disorders, Alcohol Use Disorders and Mental Disorders [300]
Boji Huang, Deborah A Dawson D, Bridget F Grant, Frederick F Stinson FS, Patricia S Chou, Tulsih Saha, Rise B Goldstein, Sharon M Smith, June W Ruan, Roger P Pickering. (United States)

20 Identification of Adverse Events in Inpatients: Results of a Preliminary Survey in Japan [301]
Shunya Ikeda, Mia Kobayashi, Hideko Sakai. (Japan)

21 Prevalence and Patterns of Prescriptions with Potentially Fatal Cardiotoxic Drug Interactions: A Population-Based Study of Ambulatory Patients in Taiwan [302]
Yea-Huei Kao Yang, Shu-Wen Jia, Shih-Chen Kuo, Ching-Lan Cheng. (Taiwan)

22 Prevalence of Hormone Replacement Therapy in Japan before and after the Publication of the Study Results from WHI. Japan Nurses’ Health Study [303]
Tomoko Kodama, Kato Katanoda, Toshiharu Fujita, Shosuke Suzuki, Hideki Mizunuma, Takeshi Aso, Kunihiko Hayashi. (Japan)

23 Use and Compliance of Bisphosphonates 1993-2003 in Funen County, Denmark. A Population Based Study [304]
John Larsen, Pal E Christensen, Morten Andersen. (Denmark)

24 Results of a Physician Survey To Evaluate Compliance with the Product Label Recommendation for Potassium Monitoring [305]
Jeanne Loughlin, John D Seeger, P Mona Eng, Kelly Oh, Alexander M Walker. (United States)

25 Herbal Drug Utilization by Retired People: Results from Domiciliary Survey in Belo Horizonte/ MG, Brazil [306]
Luciano DP Marliere, Andreia Q Ribeiro, Maria GL Brandao, Suely Rozenfeld, Carlos H Klein, Francisco A Accurso. (Brazil)

26 Prevalence and Costs Associated with Treating Depression with Painful Physical Symptoms in a Canadian Administrative Health Services Database [307]
Alki N Burdett, Charlotte C Gard, Alicia Gilsenan, Zeenat Hirji, Joel Raskin, David P Miller. (United States)

27 Characteristics of Vertebroplasty Patients: An Analysis of Claims Data from a Large Not-For-Profit Healthcare Insurer [308]
Amy S Mudano, John Bian, Sarah Sampsel, Mary Elkins, Dow Briggs, Alan Neal, Judy Cope, Tom Gross, Dan McGunagle, Jove Graham, Ann Ferriter, Kenneth G Saag. (United States)

28 Linking Symptoms Severity and Diurnality to Productivity Loss - A New Conceptual Approach [309]
Robert J Nordyke, Daniel Aguilar, Albert Lee, Amitabh Singh, Michael Tedeschi. (United States)

29 A Naturalistic One Year Prospective Study, Concerning Patients Suffering from Schizophrenia (DSM-IV) and Treated with Antipsychotic Drugs [310]
Martin Patrick, Massol Jacques, Dalery Jean, Hardy-Bayle Marie-Christine, Gury Charles, Peretti Charles-Siegfried. (France)

30 Reliability of Information about Drug Utilization by Retired People, from Postal and Domiciliary Surveys in Belo Horizonte/MG, Brazil [311]
Andreia Q Ribeiro, Cibele C Cesar, Suely Rozenfeld, Carlos H Klein, Francisco A Accurso. (Brazil)

31 Changes in the Prevalence and Incidence of Coronary Heart Disease in the UK between 1992 and 2001 [312]
Helen E Seaman, Annie Hutchison, Richard DT Farmer, Corinne S de Vries. (United Kingdom)

32 Adverse Event Onset Versus FDA Receipt Date in the FDA SRS/AERS Database [313]
Atsuko Shibata, Daniel Furst, Hal Paulus, Haiying Liu, Sean Zhao, Alexander Ruggieri, James Louie, Wayne Wallis. (United States)

33 Triptan Use in Denmark 1992 – 2001: A Population Based Register Study [314]
Jens Sondgaard, Soren Rathje, Morten Andersen. (Denmark)

34 Patterns of Outpatient Services and Prescription Utilization for Diabetes among Recipients with Diabetes with Versus without Comorbid Depression in a Medicaid Population [315]
Murali Sundaram, Michael Smith. (United States)

35 Adverse Event Reports among the Elderly [316]
Sheila R Weiss, Robert J LoCasale, Jr.. (United States)

36 Impact of Cautionary Messages on Coxib Utilization [317]
Donald Willison, Deborah A Marshall, Nathalie A Kulín, Muhammad Mamdani. (Canada)

37 German, Dutch and US Differences in Psychotropic Medication Prevalence for Youths [318]
Julie M Zito, Daniel J Safer, Hilde Tobi, Katrin Janhsen, L.T.W. de Jong-van den Berg, Joerg M Fegert, Mikhail Menis, Gerd Glaeske. (United States)

38 Relationship between Serotonergic Antidepressants and Worsening of Parkinson’s Disease [319]
Maurits El Arbouw, Kris LL Movig, Cees Neef, Henk-Jan Guchelaar, Toine CG Egberts. (Netherlands)
39 Impact of Variation in Interviewer Skill-Sets and Work Organization on Odds Ratios in an Interview Based Case-Control Study [320]
Kerstin J Blomgren, Anders Sundstrom, Gunnar Steineck, Bengt-Erik Wiholm. (Sweden)

40 Evaluating the Impact of the American Academy of Pediatrics (AAP) and U.S. Public Health Service (USPHS) 1999 Joint Recommendation to Temporarily Delay Newborn Hepatitis B Vaccination Due to Thimerosal Content, Using Automated Data [321]
Soju Chang, Elizabeth Begier, Stephanie D Schech, Patricia Venus, Deborah Shatin, M Miles Braun, Robert Ball. (United States)

41 Aspirin and Nonsteroidal Anti-Inflammatory Drugs and Risk of Hemorrhagic Stroke: Acute Brain Bleeding Analysis Study [322]
Nam-Kyong Choi, Seung-Mi Lee, Byung-Woo Yoon, Byung-Joo Park. (Korea)

42 Weight Gain and Diabetes as a Side Effect of Psychiatric Medications [323]
Norbert Dahmen, Andreas Horvath, Eveline Jaquenoud, Renate Grohmann. (Germany)

43 Risk of Osteoporosis/Osteopenia among Women with Breast Cancer Receiving Anti-Cancer Therapy (ACT) [324]
Simone Peart Boyce, Mei Sheng Duh, Monika Raut, Jane Bradman, Edith A Perez, Betty A Mincey, Maryna Marynchenko. (United States)

44 Matched Retrospective Cohort Study of Breast Cancer Incidence among Initiators of Racemizopridone, Tenampezam, and Zolpidem in the General Practice Research Database [325]
P Mona Eng, Najiay Ziadeh, Beth L Nordstrom, Judy Caron, David Amato, John D Seeger. (United States)

45 Mortality and Vascular Events in Patients with Thyroid Dysfunction [326]
Robert WV Flynn, Thomas M MacDonald, Roland T Jung, Andrew D Morris, Graham P Leese. (United Kingdom)

46 Indications, Efficacy and Tolerance of High Doses of Ropinirole – Results of a French Field Study (CURE) [327]
Anne-Francoise Gaudin, Herve Allain, Valerie Assuerus, OlivierBlin, Alain Destee, Olivier Rascol, Francois Tison, Marie Vidalhiet, Abdelkader El Hasnaoui. (France)

47 Changes in Use of Cardiovascular Drugs at the End of Life [328]
Robert J Gylnn, Sebastian Schneeweiss, Til Stummer, Philip S Wang, Jerry Avorn. (United States)

48 Cardiovascular Risk Factors at Baseline in Users of Coxibs Compared to Users of NSAIDs [329]
Romy B de Jong, Nancy S Breekveldt-Postma, Wim G Goettsch, Ron MC Herings. (Netherlands)

49 Incidence of Malignant Neoplasm in Growth Hormone Deficient (GHD) Children Treated with Recombinant Growth Hormone (GH). KIGS Registry [330]
Lia P Gutiérrez, Andrew R Maguire, Anders F Mattsson, Patrick Wilton, On Behalf of the KIGS International Board. (Spain)

50 Psychotropic Drug Use Patterns in Youths with Anticonvulsants Therapy: A Study from the Netherlands [331]
Yingfen Hsia, Paul van den Berg, Corinne S de Vries, Lokke de Jong-van den Berg, Hilde Tobli. (Netherlands)

51 Galactorrhoea and Antipsychotic Medication: Data from the AMSP Project [332]
Stefan Knopp, Eveline Jaquenoud Sirot, Andreas Horvath, Renate Grohmann. (Switzerland)

Rachna Kasliwal, Lynda Wilton, Saad Shakir. (United Kingdom)

53 Inappropriate Drug Use in the Very Old – Temporal Trends [334]
Inga Klarin, Johan Fastbom, Anders Wimo. (Sweden)

54 Macroside Antibiotics during Pregnancy in Relation to Pyloric Stenosis [335]
Yoonsook Lee. (United States)

55 Barriers to the Use of Adjuvant Chemotherapy in Stage III Colorectal Cancer [336]
Samuel M Lesko, Trudy Coleman. (United States)

56 Demographic, Environmental, and Genetic Predictors of Metabolic Side Effects of Hydrochlorothiazide Treatment in Hypertensive Subjects [337]
Anke H Maintland-van der Zee, Stephen T Turner, Gary L Schwartz, Arlene B Chapman, Olaf H Klungel, Eric Boerwinkle. (Netherlands)

57 Abstract Withdrawn [338]

58 Abstract Withdrawn [339]

59 HIV-Infected Patients Presenting Adverse Effects (AE) Associated with Highly Active Antiretroviral Therapy (HAART): A Survey over an 18-Month Period [340]
Aurelie Molia, Fabien Vitry, Christophe Strady, Isabelle Beguinot, Jean-Luc Berger, Anne Waldner, Christine Rouger, Thierry Trenque. (France)

60 Use of Hormone Replacement Therapy and Risk of Non-Hodgkin Lymphoma [341]
Mette Nørgaard, Aslak H Poulsen, Henrik Gregersen, Søren Friis, Marianne Ewertz, Hans E Johnsen, Henrik T Sørensen. (Denmark)

61 The Impact of Compliance with Statin on Coronary Artery Disease (CAD) Rate for Primary Prevention [342]
Marie Hélène Bouchard, Alice Dragomir, Sylvie Perreault. (Canada)

62 Self-Reported Medication Adherence in a Population-Based Sample of Young African Americans and Whites: The CARDIA Study [343]
Maribel Salas, D Dale Williams, John Bian, Pamela J Schreiner, Lucia Juarez, Yongin Kim, Sharina D Person, Catarina Kiefe. (United States)

63 Abstract Withdrawn [344]

64 Prescription of Drugs during Pregnancy – What Is Going on in Russia? [345]
Leonid S Stratchounski, Elena A Strizhenok. (Russian Federation)

65 Determinants of Switching between Two Drugs [346]
Hani M Tamim, Jacques LeLorier. (Canada)

66 Abstract Withdrawn[347]

67 Rates of Serious Vascular Events among Patients Dispensed Type 2 Antidiabetic Medications in the U.S. and U.K. [348]
Priscilla Velentgas, J Alexander Cole, Laurie Costa, Najat Ziyadeh, Kathleen Shea, John D Seeger, Alexander M Walker. (United States)

68 No Increase of Sudden Unexpected Deaths Following Immunization with Infanrix™ 4- and 5-valent Combination Vaccines [349]
Thomas Verstraeten, Corinne Pierfitte, Thomas Breuer. (Belgium)

69 Compliance and Outcomes amongst Patients Being Treated for Both Hypertension and Raised Lipid [350]
Li Wei, Thomas M MacDonald. (United Kingdom)
70 Maternal Asthma and Risk of Hypoospermatia [351]
Henrik Toft Sørensen, Lars Pedersen, Mette Nørgaard, Pia Wogeliis, Kenneth J Rothman. (Denmark)

71 Antipsychotic-Induced Involuntary Movement Disorders: A Four-Year Inpatients Survey in Taiwan [352]
Shu-Yu Yang, Yea-Huei Kao Yang, Yi-Hsin Yang, Yian-Yoon Chong. (Taiwan)

72 Quality of Life Improvements with Olopatadine Nasal Spray Treatment of Seasonal Allergic Rhinitis: Pooled Analysis of Two Randomized Controlled Trials [353]
Carol J Fairchild, Michael G Wall, Michael Brubaker, Margaret Drake. (United States)

73 The Validity of Using Pharmacy Records for Assessing the Retention Time of Drug Therapy [354]
Pieter D Knoester, Mirjam Heins, Yechiel A Hekster, Toine CG Egberts. (Netherlands)

74 Disability Measures in Stroke: Score Conversion between the Barthel Index and the Motor Component of Functional Independence Measure for Practitioner [355]
Sooyeon Kwon, Pamela W Duncan. (United States)

75 A Simulation Program for Epidemiologists, by Epidemiologists [356]
Ulka B Campbell*, Nicolle M Gatto*, Susan E Hodge. (United States)

76 Estimation of Hazard Functions for Adverse Events of Anti-Cancer Drug TS-1-Application of a Mixed Log-Logistic Model for Interval Censored Data- [357]
Akira Fukushima, Wataru Kashiwagi, Masaki Sano, Chikuma Hamada, Isao Yoshimura. (Japan)

77 Abstract Withdrawn [358]

78 Validation of Thai Community Hospital Databases for Health Policy Evaluations on Hospital Drug Utilization [359]
Penkarn Kanjanarat, Almut G Winterstein, Earlene Lipowski, Abraham G Hartzema. (Canada)

79 Consistency of Signal Detection Measures with Effect Measures in Epidemiology [360]
Tetsushi Komori, Takashi Ohmori, Tosiya Sato. (Japan)

80 Measuring Change in Drug Utilization [361]
John A Mandyk, Judith M Mackson, Fiona E Horn, Sonia E Wutzke, Lynn M Weekes. (Australia)

81 Assessing the Costs of Hepatitis A Food Related Interventions: Methodological Challenges [362]
Andrea C Tricco, Ba’ D Pham, Bernard Duval, Vladimir Gilca, David Moher. (Canada)

82 Discontinuation of Aspirin, Warfarin and Clopidogrel, and Stroke Recurrence in Medicaid Patients [363]
Fadia T Shaya, Antoine C El Khoury, Hugh Fatodu, Matthew R Weir. (United States)

83 Time to Maximum Reporting Rate (TMR) and Time to Reversal of Reporting Rate (T3R) Are Useful in Post Marketing Signal Detection [364]
Swapu Banerjee, Bharat Thakrar. (United Kingdom)

84 A Study of the Quality of Information Provided in Serious Adverse Event Reports in Cancer Clinical Trials [365]
Jennifer Watts, Brenda Kowaleski, Andrew Arnold. (Canada)

85 Nurses as Reporters of Adverse Drug Reactions. A Link between the Health Care System and Regional Centres of Pharmacovigilance [366]
Martin Backstrom, Elisabet Ekman. (Sweden)

86 Meta-Analysis of Effect of Integrated Traditional Chinese Medicine and Western Medicine on SARS Treatments [367]
Yan Chen, Jeff J Guo. (United States)

87 Parents Report on Stimulant Treatment in the Netherlands: Initiation and Follow-Up Care [368]
Adrienne Faber, Luuk J Kalverdijk, Jacqueline G Hugtenburg, Ruud B Minderaa, Lolkje TW de Jong-van den Berg, Hilde Tobi. (Netherlands)

88 How Is Non-Prescription Emergency Oral Contraception Being Used in Portugal? [369]
José P Guerreiro, Maria J Branco, Baltazar Nunes, Vera Gouveia. (Portugal)

89 Under-Reporting of Adverse Drug Reactions: A Systematic Review [370]
Lorna Hazell, Saad AW Shakir. (United Kingdom)

90 Hepatic Safety of Pegvisomant: An Example of Effective Lifecycle Risk Management Strategy [371]
Douglas E Kargman, Ferdinando E Vegni. (United States)

91 Decrease in Health Care Resource Utilization (HCRI) by Patients Started on Olanzapine for Treatment of Bipolar Affective Disorder (BPD) Using Règime De L’assurance Maladie Du Québec (Ramq) Administrative Databases [372]
Odile Sheehy, Deborah A Marshall, Nicole Brazier, Stuart MacLeod, Jacques Lérorier. (Canada)

92 Reduced Pulmonary Function in Subjects with Diabetes Mellitus [373]
Mark Ma, Indiana Strombom, Jeffrey Fergusson, Frank Delisle, Kenneth Hornbuckle. (United States)

93 Unique Clinical Trial Design To Assess the Efficacy of a Drug for Erectile Dysfunction in Various Populations [374]
Craig Donatucci, Irwin Goldstein, Geoffrey Sklar, Fanni Natanegara, Ann Cameron, David G Wong, Sanjeev Ahuja. (United States)

94 Cost-Effectiveness Analysis of Treatment Strategies for Heparin-Induced Thrombocytopenia [375]
Amanda R Patrick, Jerry Avorn, Wolfgang C Winkelmann, Michael A Fischer. (United States)

95 Epidemiological Research & Canadian Health Databases - A Systematic Review [376]
Andrea C Tricco, Ba’ D Pham, Nigel SB Rawson, Reid C Robson. (Canada)

96 Prevalence and Treatment of Hypertensive Patients with Multiple Concomitant Cardiovascular Risk Factors in the Netherlands [377]
Miriam CJM Sturkenboom, Jeanne P Dieleman, Gino Picelli, Essy Mozaffari, Marjolein Pompe, Johan van der Lei. (Netherlands)

97 Rates and Characteristics of Suicide Attempt Cases among Users of Antidepressants in Managed Care: A Seven-Year Case Series, 1997-2003 [378]
Robert J Valuck, Anne M Libby, Richard R Allen. (United States)