Poster presentations

A. Efficacy, effectiveness and cost-effectiveness of medication adherence interventions

A-01 THE TARGET PROJECT: A REGIONAL PROGRAM TO IMPROVE ADHERENCE TO ANTIOSTEOPOROTIC MEDICATIONS AFTER A MAJOR OSTEOPOROTIC FRACTURE AT A REGIONAL LEVEL
Simone Parri, Luisella Cianferotti, Carla Rzzuti, Emanuela Colli, Maria Luisa Brandi

Affiliation of presenting author: Bone Metabolic Diseases Unit, Department of Surgery and Translational Medicine, University of Florence, Florence, Italy

A-02 THE MEDICATION EXPERIENCE STUDY: FREQUENT ONLINE CONTACT AS “VIRTUAL OFFICE VISITS” FOR IMPROVING MOTIVATION AND ADHERENCE
Irma Richardson, Scott Davis, Karen Huang, Robert Anderson, Brian Marlow, Steve Feldman

Affiliation of presenting author: Department of Dermatology, Wake Forest Baptist Medical Center, United States

A-03 AN ACADEMIC AND FAITH-BASED PARTNERSHIP TO IMPROVE MEDICATION ADHERENCE IN U.S. HYPERTENSIVE BLACK CHURCH MEMBERS
Lisa M. Lewis, Reverend W. Lynette Taylor, Reverend Mark K. Tyler, Leslie Patterson-Tyler, Brenda Shelton-Dunston

Affiliation of presenting author: School of Nursing, University of Pennsylvania, Philadelphia, PA, United States

A-04 IMPLEMENTATION INTENTION TO IMPROVE MEDICATION ADHERENCE BEHAVIORS IN PATIENTS WITH HEART DISEASES
Carine Meslot, Aurélie Gauchet, Audrey Lehmann, Benoît Allenet

Affiliation of presenting author: 1. Univ. Grenoble-Alpes, Grenoble, France, 2. TIMC-IMAG UMR 5525 / ThEMAS, Grenoble, France, 3. Inter-University Laboratory of Psychology (LIP), Grenoble, France

A-05 POLYPHARMACY ELECTRONIC MONITORING SYSTEM (POEMS) – PROOF OF EFFICACY WITH 3 AMBULATORY CASES
Isabelle Arnet, Kurt E. Hersberger

Affiliation of presenting author: Pharmaceutical Care Research Group, Department of Pharmaceutical Sciences, University of Basel, Basel, Switzerland
A-06 PHARMACISTS USING A SEMI-STRUCTURED INTERVIEW PROTOCOL WHEN EXPLORING ADHERENCE, BARRIERS AND INFORMATION NEEDS AT THE START OF THERAPY  
Marcel J. Kooy, Annemiek J. Linn, Eibert R. Heerdink, Liset. van Dijk, Marcel L. Bouvy  
Affiliation of presenting author: Department of Pharmacoepidemiology & Clinical Pharmacology, Utrecht Institute for Pharmaceutical Sciences, Utrecht University, the Netherlands

A-08 FINANCIAL OUTCOME OF AN ONLINE ADHERENCE PROGRAM  
Jan Veldhuizen  
Affiliation of presenting author: 2 Comply, The Netherlands

B. Research translation into clinical practice

B-01 ADHERENCE TO ORAL ANTICANCER AGENTS: A STUDY AMONG HEALTHCARE PROVIDERS IN BELGIUM AND THE NETHERLANDS  
Lonneke Timmers, Christel Boons, Mathieu Verbrugghe, Bart van den Bemt, Ann Van Hecke, Jacqueline Hugtenburg  
Affiliation of presenting author: Department of Clinical Pharmacology and Pharmacy, VU University Medical Center, Amsterdam, the Netherlands

B-02 INCIDENCE OF RENAL DISEASE AMONG PATIENTS WITH TYPE 2 DIABETES WITH KNOWN EXPOSURE AND ADHERENCE TO MEDICATION THERAPY  
Maiken Linnemann Jensen, Bendix Carstensen, Peter Rossing, Ebba Holme Hansen, Lise Aagaard, Marit Eika Jørgensen  
Affiliation of presenting author: 1. Steno Diabetes Center A/S, Gentofte, Denmark; 2. University of Copenhagen, Faculty of Health and Medical Sciences, Department of Pharmacy, Section for Social and Clinical Pharmacy, Copenhagen, Denmark

B-03 ANALYSIS OF THE PATIENT’S ADHERENCE TO OSTEOPOROSIS THERAPY  
Ivana Tadic, Nada Vujasinovic-Stupar, Slavica Pavlov-Dolijanovic, Snezana Baltic, Marina Odalovic, Dragana Lakic, Tatjana Crnjanski, Svetlana Stojkov  
Affiliation of presenting author: University of Belgrade – Faculty of Pharmacy, Belgrade, Serbia

B-04 SWISS FAMILY PHYSICIAN’S PERSPECTIVE ON KNOWLEDGE TRANSLATION  
Theresa Bengough, MA, Emilie Bovet, PhD, Bernard Burnand, MD, MPH, Vincent Pidoux, PhD
B-05 MANAGEMENT OF HEART TRANSPLANT PATIENTS: DEVELOPMENT OF SUPPORT TOOLS FOR PATIENTS FOLLOW-UP
C. THOMAS, Audrey LEHMANN, E. BORREL, A. BOIGNARD, R. MERLE5, C. AUGIER, M. NOIRCLERC, S. TRAMAILLE, N. HAILLEZ, Benoît ALLENET
Affiliation of presenting author: 1. University Grenoble-Alpes, Grenoble, France; 2. TIMC-IMAG UMR 5525 / ThEMAS, Grenoble, France; 3. Pharmacy department, Grenoble University Hospital, Grenoble, France

B-06 DEVELOPMENT AND VALIDATION OF A SELF-ADMINISTERED QUESTIONNAIRE TO IDENTIFY LEVERS OF ADHESION BEHAVIOR TO PATIENT'S MEDICATION IN ORDER TO ADAPT THE EDUCATIONAL MONITORING: QUILAM
Audrey LEHMANN, Carine MESLOT, Aurélie GAUCHET, Magalie BAUDRANT-BOGA, Matthieu ROUSTIT, Pascal PANSU, Philippe SARRAZIN, Michel GRANGEAT, Pierrick BEDOUCH, Benoît ALLENET
Affiliation of presenting author: 1. University Grenoble-Alpes, Grenoble, France; 2. TIMC-IMAG UMR 5525 / ThEMAS, Grenoble, France; 3. Pharmacy department, Grenoble University Hospital, Grenoble, France

B-07 QUALITATIVE ANALYSIS TO IDENTIFY BARRIERS AND LEVERS TO MEDICATION ADHERENCE AMONG PATIENTS WITH TYPE 2 DIABETES
Audrey LEHMANN, Anne-Cécile MAES, Carine MESLOT, Aurélie GAUCHET, Magalie BAUDRANT-BOGA, Matthieu ROUSTIT, Pierrick BEDOUCH, Benoît ALLENET
Affiliation of presenting author: 1. University Grenoble-Alpes, Grenoble, France; 2. TIMC-IMAG UMR 5525 / ThEMAS, Grenoble, France; 3. Pharmacy department, Grenoble University Hospital, Grenoble, France

B-08 BARRIERS TO ADHERENCE TO ANTIHYPERTENSIVE MEDICATIONS AND BLOOD PRESSURE CONTROL IN CLINICAL PRACTICE
Khedidja Hedna, Katja M. Hakkarainen, Hanna Gyllensten, Karolina Andersson Sundell, Max Petzold, Staffan Hägg
Affiliation of presenting author: 1. Department of Drug Research/Clinical Pharmacology, Linköping University, Linköping, Sweden; 2. Nordic School of Public Health NHV, Gothenburg, Sweden

B-09 ADHERENCE SUPPORT IN ROUTINE ASTHMA CARE: DEVELOPMENT AND VALIDATION OF A CLINICIAN-REPORT TOOL
Alexandra L. Dima, Eric van Ganse, Hélène Le Cloarec, Marijn de Bruin, and the ASTRO-LAB group
**B-10 DIFFERENCES IN ADHERENCE TO HEALTH BEHAVIOUR RECOMMENDATIONS BETWEEN SURVIVORS AFTER ALLOGENEIC HAEMATOPOIETIC STEM CELL TRANSPLANTATION AND THE GENERAL POPULATION: PROVIVO – A CROSS-SECTIONAL COMPARATIVE STUDY**

Monika Kirsch, Anna Götz, Jörg Halter, Urs Schanz, Georg Stüssi, Fabienne Dobbels, Sabina De Geest

**Affiliation of presenting author:** Institute of Nursing Science, University of Basel, Switzerland & Department of Haematology, University Hospital Basel, Switzerland

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**C. New technologies**

**C-01 THE PERSONALIZED ADHERENCE SUPPORT TOOL**

Linda van der Heiden, Joyca Lacroix, Saskia van Dantzig and Aart van Halteren

**Affiliation of presenting author:** Philips Research

**C-02 PATIENTS’ VIEWS OF AN INNOVATIVE ADHERENCE SUPPORT PROGRAMME IN ULCERATIVE COLITIS TREATMENT: A QUALITATIVE ANALYSIS**

Christina Jackson, Aileen Fraser, Gwen Wiseman, Lucy Ashworth

**Affiliation of presenting author:** Atlantis Healthcare, London, UK

**C-03 NOVEL MEDICATION SUPPLY MODEL FOR OPIOID DEPENDENT PATIENTS - FIRST RESULTS WITH AUTOMATED ELECTRONIC DISPENSER FOR POLYPHARMACY**

Samuel S. Allemann, Kenneth Dürsteler-MacFarland, Hannes Strasser, Kurt E. Hersberger, Isabelle Arnet

**Affiliation of presenting author:** Pharmaceutical Care Research Group, University of Basel

**C-04 DEVELOPMENT OF A SOFTWARE TOOL TO ENHANCE ADHERENCE-MONITORING IN COMMUNITY PHARMACIES**

Sabine Breiholz, Nina Griese, and Martin Schulz

**Affiliation of presenting author:** Department of Medicine, ABDA – Federal Union of German Associations of Pharmacists

**C-05 MEDICATION COMPLIANCE WITH METHOTREXATE IN PATIENTS WITH RHEUMATOID ARTHRITIS**

Kerstin Maiwald, Irene Krämer
C-06 “I JUST FORGET TO TAKE IT”- NEW MEDIA FOR ASTHMA SELFMANAGEMENT: ASSESSMENT OF TEENAGERS’ PREFERENCES
Ellen S. Koster, Daphne Philbert, Tjalling W. de Vries, Liset van Dijk, Marcel L. Bouvy

C-07 INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) IN LUNG TRANSPLANT PATIENTS’ ADHERENCE
Christelle Roch, S. Chanoine, M. Roustit, C. Genty, J. Bosson, C. Pison, Benoit Allenet, P. Bedouch

C-08 IMPACT OF MEDICATION ADHERENCE MEASUREMENT ON ANTIRETROVIRAL DRUG PHARMACOKINETICS: A RETROSPECTIVE COHORT STUDY IN HIV PATIENTS FOLLOWED BY THERAPEUTIC DRUG MONITORING AND TAKING PART IN A MEDICATION-ADHERENCE ENHANCING PROGRAM
Aline Fuchs, Aurélie Rotzinger, Matthias Cavassini, Marie-Paule Schneider, Chantal Csajka

C-09 WIRELESSLY OBSERVED THERAPY (WOT) COMPARED TO DIRECTLY OBSERVED THERAPY (DOT) FOR THE TREATMENT OF TUBERCULOSIS
Sara H Browne, Richard Haubrich, Ronelle Campbell, Lorenzo DiCarlo, Charles Peloquin, Kathleen Moser, Constance Benson

C-10 STATE-OF-THE-ART FACIAL RECOGNITION SOFTWARE TO CONFIRM MEDICATION ADHERENCE ON MOBILE DEVICES
Adam Hanina

C-11 DRIED BLOOD SPOT SAMPLING OF NILOTINIB IN PATIENTS WITH CHRONIC MYELOID LEUKEMIA: A COMPARISON WITH VENOUS BLOOD SAMPLES
Anneliene Schimmel, Christel Boons, Abdel Chahbouni, Bram Wilhelm, Yvonne den Hartog, Jeroen Janssen, Eleonora Swart and Jacqueline Hugtenburg

Affiliation of presenting author: Clinical Pharmacology and Pharmacy, VU University Medical Center, Amsterdam, the Netherlands.

D. Determinants of patients’ adherence

D-01 SHORT AND LONG TERM ADHERENCE TO PRESCRIBED PHARMACOTHERAPY
Judit Simon, Tamás Dobróka

Affiliation of presenting author: Corvinus University of Budapest, Institute of Marketing and Media, Health Marketing Research Centre

D-02 THE MAJOR INFLUENCING FACTORS OF ADHERENCE OF PSYCHIATRIC PATIENTS - ESPECIALLY THE ROLE OF FAMILY MEMBERS
Judit Simon, Nóra Zsuzsanna Kurucz

Affiliation of presenting author: Corvinus University of Budapest, Institute of Marketing and Media, Health Marketing Research Centre

D-03 SELF-REPORTED ADHERENCE AND ASSOCIATED FACTORS REGARDING ANTIHYPERTENSIVE MEDICATION IN SEYCHELLES
Heiniger Samuel, Viswanathan Bharathi, Paccaud Fred, Gedeon Jude, Bovet Pascal

Affiliation of presenting author: Institute of Social and Preventive Medicine, University Hospital of Lausanne, Lausanne, Switzerland

D-04 THE ROLE OF AUTOMATIC PROCESSES IN MEDICATION ADHERENCE OF ADOLESCENTS WITH ASTHMA
Monique van de Ven, Mike Rinck, Dana Tiggelman, and Eni Becker

Affiliation of presenting author: Behavioural Science Institute (BSI), Radboud University Nijmegen, Nijmegen, The Netherlands

D-05 ADHERENCE IN PEOPLE WITH MULTIPLE SCLEROSIS: PERPSECTIVES OF PATIENTS FROM GERMANY, SPAIN AND THE UNITED KINGDOM
Clare Moloney, Lucy Ashworth, Maria Fortun, Carolin Eimers, Judith Osae-Larbi, Sinead NiMhurchadha

Affiliation of presenting author: Atlantis Healthcare

D-06 ADHERENCE WITH COMBINATION PREVENTER INHALERS IS SUBOPTIMAL IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE
Juliet Foster, Christine Jenkins, Brett Toelle, Lorraine Smith and Helen Reddel
D-07 ADHERENCE TO ADHD AND DEPRESSION MEDICATIONS IN A COHORT OF COLLEGE STUDENTS

D-08 ELECTRONIC MONITORING WITH FEEDBACK TO ASSESS AND IMPROVE ADHERENCE TO INHALED MEDICATION IN ASTHMA AND COPD PATIENTS- A STUDY DESIGN
Claudia Gregoriano, Isabelle Arnet, Kurt E. Hersberger, Jörg D. Leuppi

D-09 MULTI-COUNTRY, CROSS-SECTIONAL STUDY TO DETERMINE PATIENT-SPECIFIC AND GENERAL BELIEFS TOWARDS MEDICATION AND THEIR TREATMENT ADHERENCE TO SELECTED SYSTEMIC THERAPIES IN 6 CHRONIC IMMUNE-MEDIATED INFLAMMATORY DISEASES (ALIGN)
Pierre Michetti, John Weinman, Ulrich Mrowietz, Josef Smolen, Dieter Schremmer, Namita Tundia, Nicole Selenko-Gebauer

D-10 DO PATIENTS INITIATE THERAPY? PRIMARY NONADHERENCE TO STATINS AND ANTIDEPRESSANTS IN ICELAND
Gudrun Thengilsdottir, Anton Pottegård, Anna B Almarsdottir, Helga Gardarsdottir

D-11 MULTIPLE SCLEROSIS PATIENTS’ AWARENESS OF DISEASE AND COMPLIANCE TO PHARMACOLOGICAL TREATMENT WITH DISEASE MODIFYING DRUGS MS PATIENTS’ AWARENESS OF DISEASE AND COMPLIANCE TO PHARMACOLOGICAL TREATMENT WITH DMDS
Lara Gitto

D-12 A DUAL-PROCESS VIEW ON MEDICATION ADHERENCE: THE ROLE OF AFFECT
Mieke Kleppe, Joyca Lacroix, Jaap Ham, Cees Midden
D-13 OPHTHALMOLOGIST-PATIENT COMMUNICATION AND ADHERENCE TO GLAUCOMA MEDICATIONS
Betsy Sleath, Delesha Carpenter, Susan Blalock, Robyn Sayner, Catherine Slota, Kelly Muir, Annette Giangiacomo, Mary Elizabeth Hartnett, Alan Robin

D-14 DETERMINANTS OF NON-PERSISTENCE TO ANTIOSTEOPOROTIC DRUGS BY USING ADMINISTRATIVE DATABASE
Orlando Valentina, Menditto Enrica, Gimigliano Francesca, Guerriero Francesca, Monetti Valeria Marina, Moretti Antimo, Putignano Daria, Iolascon Giovanni

D-15 FACTORS INFLUENCING ADHERENCE TO CARDIOVASCULAR MEDICATION: A SYSTEMATIC REVIEW
Daniëlle M. van der Laan, Petra J.M. Elders, Christel C.L.M. Boons, Jacqueline G. Hugtenburg

D-16 PERCEIVED NEED TO TAKE MEDICATION IS ASSOCIATED WITH MEDICATION NON-ADHERENCE IN PATIENTS WITH RHEUMATOID ARTHRITIS
Hanneke Zwikker (Departments of Rheumatology and Pharmacy, Sint Maartenskliniek, Nijmegen, the Netherlands)

D-17 RHEUMATOLOGISTS’ BELIEFS ABOUT MEDICATION BARELY DIFFER FROM PATIENTS’ BELIEFS ABOUT MEDICATION
Hanneke Zwikker, Nienke Lesuis, Alfons den Broeder, Cornelia van den Ende, Sandra van Dulmenb, Bart van den Bemt

D-18 CURRENT AND REMITTED DEPRESSION AND ANXIETY DISORDERS AS RISK FACTORS OF MEDICATION NON-ADHERENCE
Pierre M. Bet, Brenda W.J.H. Penninx, Stag D. van Laer, Witte J.G. Hoogendijk, Jacqueline G. Hugtenburg
Affiliation of presenting author: 1. Department of Clinical Pharmacology and Pharmacy, VU University Medical Center, Amsterdam; 2. EMGO Institute, VU University Medical Center, Amsterdam

D-19 SELF-REPORTED NON-ADHERENCE TO ASTHMA MEDICATION IN PORTUGAL
Milené Fernandes, Rui Simões, João Franco, Violeta Alarcão, Miguel Manaças, Paulo Jorge Nicola

Affiliation of presenting author: Institute of Preventive Medicine and Public Health, Faculty of Medicine, University of Lisbon.

E. Combination of different adherence measures

E-01 PATIENTS’ HEALTH RELATED SPENDINGS ARE BETTER PREDICTORS FOR DISEASE SCREENING BEHAVIOUR THAN PHYSICIAN OFFICE VISITS
Zoltan Lantos

Affiliation of presenting author: Chief Operation Officer, Health Value Ltd.; Institute of Marketing and Media, Corvinus University of Budapest

E-02 ORAL CHEMOTHERAPY: IS PATIENT RESPONSIBLE OF HIS ADHERENCE? THE OCTO COHORT STUDY IN BREAST AND COLORECTAL CANCER PATIENTS RECEIVING CAPECITABINE
Aurélie Bourmaud, Emilie Henin, Fabien Tinquaut, Véronique Regnier, Chloé Hamant, Olivier Colomban, Benoît You, Florence Ranchon, Jérôme Guitton, Pascal Girard, Gilles Freyer, Michel Tod, Catherine Rioufol, Véronique Trillet-Lenoir, Franck Chauvin

Affiliation of presenting author: 1. EMR3738, Therapeutic targeting in Oncology, Claude Bernard University, Lyon, France; 2. Hygéé Centre, public health department, Lucien Neuwirth Cancer Institut, Inserm, CIC1408, Saint Priest en Jarez, France

E-03 INTRODUCING A NEW SELF-REPORTING SCALE FOR MEASURING ADHERENCE TO MEDICATION
Josip Culig, Marcel Leppée, Borna Culig

Affiliation of presenting author: 1. Department of Pharmacoepidemiology, Andrija Stampar Institute of Public Health, Zagreb, Croatia; 2. Department of Pharmacology, School of Medicine, Josip Juraj Strossmayer University, Osijek, Croatia

E-04 ADHERENCE AND EXPOSURE TO ASTHMA MEDICATION: ALTERNATIVE ALGORITHMS USING MULTIPLE DATA SOURCES IN THE ASTRO-LAB PROJECT
Laurent Laforest, Alexandra L. Dima, Gimena Hernandez, Nathalie Texier, Marijn de Bruin, Eric Van Ganse and the ASTRO-LAB group
F. Miscellaneous

F-01 PATIENTS’ PREFERENCES AS TO THE SOLID FORMS OF ORAL MEDICATIONS – RESULTS OF THE DISCRETE CHOICE EXPERIMENT IN POLISH OUTPATIENTS
Marta Kurczewska, Przemysław Kardas, Mikołaj Czajkowski

F-02 ADHERENCE IN ADOLESCENTS WITH HIV IN TRANSITION TO ADULT CARE: A MIXED METHOD STUDY
Dunja Nicca, Romy Schmidhäusler, Sarah Haile, Jan Fehr, Pietro Vernazza, Christoph Rudin, Christian Kahlert

F-03 MEDICATION ADHERENCE TO ORAL TYROSINE KINASE INHIBITORS
Bas van Vlijmen, Hein van Onzenoort, Nielka van Erp, David Burger

F-04 A PERSON-CENTERED INTEGRATED CARE PROGRAM FOR MULTIPLE SCLEROSIS PATIENTS TREATED BY FINGOLIMOD: FIRST PATIENT RELATED OUTCOMES
Aline Bourdin, Jérôme Berger, Clémence Perraudin, Myriam Schluep, Olivier Bugnon

F-05 INFLUENCE OF GENDER AND AGE ON MEDICATION COMPLIANCE OF LIVER CIRRHOSIS PATIENTS TAKING PROPRANOLOL
Rita Marina Heeb, Irene Krämer
F-06 PROPOSED INDICATORS FOR ASSESSING ELECTRONIC MEDICATION REMINDERS’ QUALITY, SAFETY AND SUITABILITY
Pernille Dam Naumann, Charlotte Rosing, Hanne Herborg, Sanne Hansen

Affiliation of presenting author: Pharmakon, Denmark

F-07 HEALTH LITERACY SKILLS AND CORRECT USE OF MEDICINES: A STUDY IN COMMUNITY PHARMACIES
Ellen S. Koster, Daphne Philbert, Marcel L. Bouvy

Affiliation of presenting author: UPPER, Pharmacoepidemiology & Clinical Pharmacology, Utrecht University, Utrecht, the Netherlands