



24th ESPA COMP: International Society for Medication Adherence

Program 2020

The scientific program consists of two keynote presentations, three workshops, a corporate round table discussion, and scholarly poster sessions. All of these materials will be available online. Registered participants can join in real-time and can also view recorded information after the events.

The HCPs educational program is free this year!

Agenda at a glance:

October 2020

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	
5	6	7	8	9	10	4
12	13	14	15	16	17	11
19	20	21	22	23	24	18
26	27 16:00-18:00 CET Adherence Data Analysis Workshop (Workshop 2 - Module 1)	28	29	30	31	25

November 2020

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						1
2	3	4	5	6	7	8
9	10 15:30-16:00 CET Opening Session ESPACOMP 2020 16:00-17:00 CET Interprofessional round table	11	12 15:00-18:00 CET Implementation science workshop (Workshop 1)	13 16:00-17:00 CET Keynote Lecture: “The John Urquhart Annual Memorial Lecture”	14	15
16 16:00-17:00 CET Daily oral poster sessions (day 1)	17 14:00-16:00 CET Adherence Data Analysis Workshop (Workshop 2 - Module 2) 16:00-17:00 CET Daily oral poster sessions (day 2)	18 16:00-17:00 CET Daily oral poster sessions (day 3)	19 16:00-17:00 CET Daily oral poster sessions (day 4)	20 16 :00-17 :00 CET Keynote Lecture: Alex Dima 17:00 CET Closing session	21	22
23	24	25	26	27	28	29
30						

16:00-18:00 CET

Module 1: The ABC, EMERGE and TEOS frameworks and applications to study design and data analysis

Faculty (in alphabetical order):

- **Dr. Samuel Allemann**, PhD, RPh, Clinical Pharmacist (University of Basel, Switzerland) and Medication adherence expert (Swiss Pharmacists' Association, Switzerland)
- **Prof. Dr. Rebecca Bartlett Ellis**, PhD, RN, Associate Professor, Assistant Dean for Graduate Programs, School of Nursing (Indiana University, USA)
- **Dr. Alexandra Dima**, PhD, CPsychol, Senior Research Fellow (Université Claude Bernard Lyon 1, France),
- Prof. Dr. Marie Schneider, PhD, RPh, Chair of Adherence and Interprofessionality (University of Geneva, Switzerland)
- **Dr. Isabella Locatelli**, PhD, Statistician (University of Lausanne, Switzerland)
- **Prof. Dr. Bernard Vrijens**, PhD, Invited professor of Biostatistics (Liège University, Belgium) & CEO, Scientific Lead (AARDEX Group, Belgium)
- **Prof. Dr. Ira Wilson**, PhD, MD, MSc, FACP, Professor and Chair of Health Services, Policy and Practice, Professor of Medicine (Brown University, USA)
- **Dr. Hans Wouters**, PhD, Senior Researcher (GPRI, Netherlands)

See detailed program for more information

Tuesday, November 10:

Opening Session ESPACOMP 2020 & Interprofessional round table

15:30-16:00 CET

Opening Session

Leah Zullig, President ESPACOMP 2020

16:00-17:00 CET

Interprofessional round table

Introduction

Todd Ruppap, Rush University Medical Center, USA

Draft agenda:

- Introduction (5 min.)
- Social determinants of health and inequities in access during COVID (TBD, 5 min.)
- Demand for drugs during COVID, challenges with manufacturing/production (Pfizer, 5 min.)
- Leveraging digital tools to support monitoring of patients during social isolation? (Merck KGaA, 5 min.)
- Will COVID-19 be a game changer on vaccine hesitancy behaviors ? (Sanofi, 5 min.)
- Impact of COVID on adherence rates and key learnings (from the 1st Wave) (Bayer AG, 5 min.)
- Question and Answer/Discussion with audience (30 min.)

Thursday, November 12 : Implementation science workshop (Workshop 1)

15:00-18:00 CET

Basics of Implementation Science and an Introduction to Effectiveness-Implementation Hybrid Designs

Faculty:

- **Prof. dr. Geoffrey Curran**, PhD, (University of Arkansas for Medical Sciences, USA)
- **Prof. dr. Bart van den Bemt**, PhD, PharmD (Radboud university medical center, The Netherlands)
- **Dr. Charlotte Bekker**, PhD (Radboud university medical center, The Netherlands)
- **Prof. Dr. Leah Zullig**, PhD, MPH, (Duke University and Durham Veterans Affairs Centre for Health Services Research in Primary Care, USA)
- **Prof. Dr. Sabina De Geest**, PhD, RN (University of Basel, Switzerland & KU Leuven, Belgium)
- **Prof. Dr. Liset van Dijk**, PhD, (University of Groningen & NIVEL Utrecht, The Netherlands)

Agenda

- **Session 1: Basics of Implementation Science (30 minutes)**
- **Session 2: Introduction to Effectiveness-Implementation Hybrid Designs (45 minutes)**
- **Session 3: Hybrid Design Exercise (45 minutes)**
- **Session 4: Questions and Open Discussion (30 minutes)**

See detailed program for more information

Friday, November 13 : Keynote Lecture: “The John Urquhart Annual Memorial Lecture”

16:00-17:00 CET

Title: Partnership between patients and interprofessional healthcare providers along the multifaceted journey to medication adherence

Presenter :

- **Marie-Paule Schneider**, Professor of medication adherence & interprofessionalism, School of Pharmaceutical Sciences, University of Geneva, Switzerland, Institute of Pharmaceutical Sciences of Western Switzerland (ISPSO), University of Geneva, Switzerland, Director of pharma24, an academic community pharmacy, Geneva

Monday, November 16 : Poster Discussion Session: Adherence Interventions (day 1)

16:00-17:00 CET

- **The eHealth intervention, SHINE, improves medication adherence in chronic myeloid leukemia patients**
Jacqueline Hugtenburg
- **Outcomes of adherence intervention trials important to inflammatory arthritis patients: an international focus group study**
Charlotte Bekker
- **Interventions to improve adherence to cardiovascular medication: what about gender differences? A systematic literature review**
Liset van Dijk
- **Effectiveness of a targeted and tailored pharmacist-led intervention to improve adherence to antihypertensive drugs among patients with type 2 diabetes in Indonesia: cluster randomised controlled trial**
Sofa D. Alfian
- **Medication self-management: considerations and decisions by older people living at home**
Nienke Dijkstra
- **Characterizing Patterns of Medication Implementation in Glaucoma**
Shervonne Poleon

Tuesday, November 17: Adherence Data Analysis Workshop (Workshop 2 - Module 2)

14:00-16:00 CET

Module 2: Analysing adherence data from Electronic Healthcare Databases (EHD) and Electronic Monitoring (EM)

Faculty (in alphabetical order):

- **Dr. Samuel Allemann**, PhD, RPh, Clinical Pharmacist (University of Basel, Switzerland) and Medication adherence expert (Swiss Pharmacists' Association, Switzerland)
- **Prof. Dr. Rebecca Bartlett Ellis**, PhD, RN, Associate Professor, Assistant Dean for Graduate Programs, School of Nursing (Indiana University, USA)
- **Dr. Alexandra Dima**, PhD, CPsychol, Senior Research Fellow (Université Claude Bernard Lyon 1, France),
- Prof. Dr. Marie Schneider, PhD, RPh, Chair of Adherence and Interprofessionality (University of Geneva, Switzerland)
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- **Prof. Dr. Ira Wilson**, PhD, MD, MSc, FACP, Professor and Chair of Health Services, Policy and Practice, Professor of Medicine (Brown University, USA)
- **Dr. Hans Wouters**, PhD, Senior Researcher (GPRI, Netherlands)

See detailed program for more information

Tuesday, November 17: Poster Discussion Session: Factors Influencing Adherence (day 2)

16:00-17:00 CET

- **Aspirin non-adherence in pregnant women at risk of preeclampsia- a qualitative study**
Raya Vinogradov
- **Predictors of Antiretroviral (ARV) Adherence among Youth Living with HIV (YLH) Participating in a Stepped Care Intervention**
Susan Kamal
- **Beliefs and attitudes towards an ehealth tool to improve medication adherence in breast cancer survivors**
Catherine Goetzinger
- **Do kidney transplant recipients perceive corticosteroids more negatively than other immunosuppressants?**
Amy Clarke
- **Relationship between inhaled corticosteroids adherence, short-acting beta agonists use, exacerbations and self-reported asthma control**
Marcia Vervloet

November 18: Poster Discussion Session: Intervention Design Considerations (day 3)

16:00-17:00 CET

- **Evaluating Adjusted Per-Protocol Effect Estimators in Pragmatic Trials to Address Treatment Non-Adherence**
Lucy Mosquera
- **Skills4Adherence Online Educational Course on Patient Adherence and Polypharmacy Management designed due to iterative fine-tuning**
Przemyslaw Kardas
- **Assessing the utility of the decoy effect on biologic treatment preference**
Jeremy Bray
- **Limited information for implementation of medication adherence interventions in real-world-transplantation-settings: A systematic review of RCTs**
Janette Ribaut
- **Systematic review on the scalability of effective CVRM medication adherence interventions in primary care**
Stijn Hogervorst

November 19: Poster Discussion Session: Patient and Stakeholder Engagement to Improve Adherence (day 4)

16:00-17:00 CET

- **Patient and public engagement in medication adherence research**
Emily Holmes
- **Italian translation and validation of the original ABC Taxonomy on adherence to treatment: systematic review**
Sara Mucherino
- **A Systematic review to adapt and validate the ABC Taxonomy into Portuguese (Portugal/Brazil)**
Michelle Hyczy de Siqueira Tosin
- **Healthcare professionals' perspective changes promoted by a one-week educational course on medication adherence**
Anna Giardini
- **Responding to social needs and financial barriers to improve medication adherence in primary care**
Connor Drake

November 20 : Keynote Lecture & Closing session

16 :00-17 :00 CET

Keynote Lecture

Title: Adherence Data in the Big Real-World: analysis principles and methods to improve research evidence and patient outcomes

Presenter: Alex Dima
Senior Research Fellow,
EA 7425 HESPER Health Services and Performance Research,
Université Claude Bernard Lyon, France

17:00 CET

Closing session

Leah Zullig, Todd Ruppard, , Enrica Menditto

- Best best abstract prize
- Best student abstract
- Next year planning

HCPs Education

The educational program is free this year and consists of several video materials accessible on the main participant webpage, together with the video recordings of the meetings mentioned above and short video recordings of all conference posters.

Accepted abstracts for virtual poster presentation

Title	Presenter
Do chronic patients perceive contradictory information about their prescribed medications?	Beatriz Santos
PREVALENCE AND EXPLANATORY FACTORS OF MEDICATION NON-INITIATION IN THE PEDIATRIC POPULATION	Maria Rubio-Valera
Promoting medication adherence and self-management among kidney transplant recipients (mars-trial): Intervention development and first experiences	Denise Beck
Preferred methods for translation of the ABC taxonomy for medication adherence	Audrey Lehmann & Isabelle Arnet
Comparison of statistical methods to address treatment nonadherence in pragmatic trials with only baseline covariate-measurements	Belal Hossain
Effectiveness of interactive e-Health interventions on improving medication adherence in long-term conditions: a systematic review	Bart Pouls
A deep learning model to monitor medication dosing frequency	Antoine Pironet
Prevalence and predictors of medication non-adherence in people with multimorbidity: a systematic review and meta-analysis	Louise Foley
Understanding antibiotic prescribing behaviour in ICU	Alyssa Pandolfo
Development of the TAI-toolkit: a practical tool for medication adherence management in asthma and COPD	Job van Boven
Participatory design of an eHealth medication adherence intervention for asthma patients with limited health literacy	Charlotte poot
Retrospective study of the impact of shared medication reviews in pharmacies on improving patient's compliance.	Pierre Antoine Drubay
Introduction of a smart pillbox in Estonia– the initial feedback from patients and healthcare specialists	Hanna Keidong
A Nurse-led group intervention improves adherence and quality of life in haemophilia	Johanna Wilhelmina Hoefnagels
Towards a systems model to inform policy and interventions for medication adherence in chronic disease	Emma Danell Lindström
Evaluation of the Accountability Measurement Tool in Spanish-speaking Patients with Psoriasis: A Validation Study	Courtney E. Heron
A Digital Innovation for the Personalized Management of Adherence: Analysis of Opportunities and Barriers	Anna Hein
Physician-patient communication as an important determinant of the adherence of therapeutic areas	Natalia Świątoniowska-Lonc
Compliance with pharmacological recommendations by patients with rheumatoid arthritis	Natalia Świątoniowska-Lonc
Impact of cognitive function on the level of self-care of elderly patients with type 2	Natalia Świątoniowska-Lonc
Adherence to pharmacological recommendations of patients with ACOS	Natalia Świątoniowska-Lonc
DIGI.PASs will create patient adherence standard measures for Big Data using public and patient involvement.	Przemyslaw Kardas
THE ATTITUDE TOWARDS MEDICATION ADHERENCE OF MELANOMA PATIENTS	Judit Simon

Title	Presenter
CHANGE IN BELIEFS ABOUT IMMUNOSUPPRESSANTS IN KIDNEY TRANSPLANT PATIENTS RELATED TO ADHERENCE AND CLINICAL OUTCOMES	Katerina Mala-Ladova
Young adults' preferences for technology to support adherence to inhaled corticosteroids in asthma: Qualitative study	JANE MURPHY
The impact of the COVID-19 pandemic on self-reported medication adherence of Dutch prescription medication users	Marcia Vervloet
Medication Adherence for Growth Hormone Treatment within The MAGIC Foundation	Sean Glynn
Depression but not non-persistence to antidiabetic drugs is associated with mortality in type 2 diabetes	Carlotta Lunghi
A network approach for the study of drug co-prescriptions: new fields for management of adherence	Sara Traina
SystemCHANGE™ Solutions to Improve Medication Adherence in Kidney Transplant Recipients: A Secondary Data Analysis	Angela Andrews
Evaluation of pharmacist-patient communication through the testing of the "communication-assessment-tool"	Enrico Keber
Investigating the Intentional Non-adherence Scale – modelling and scale validation	Judith Simon
Treatment Patterns and Medication Adherence Among Newly Diagnosed Migraine Patients: A Drug Utilization Study	Sara Mucherino
Profiling Patient Treatment Behavior to Improve Adherence: SPUR Tool – The Algorithm Development (Preliminary Results)	Kevin Dolgin
Implementation of Watchyourmeds, an animated video library, in community pharmacy to support patients' medication use	Roland te Paske
Changes of multimorbidity and polypharmacy patterns in young and adult population over a 4-year period	Sara Mucherino
The impact of health-related quality of life and associations with adherence in real-world leukemia patients	Benyam Muluneh
The impact of health literacy on beliefs about medication in a Dutch medication-using population	Boudewijn Visscher
A Delphi study to adapt and validate the ABC taxonomy into Portuguese (Portugal/Brazil)	Catarina Bernardo
A New Proportion-of-Days-Covered (PDC) Algorithm to Measure Implementation Adherence in Real-World Datasets	David Prieto-Merino
Racial differences in the association between coping styles and the implementation phase of medication adherence	Lyne Racette
Real-world data on the association between treatment beliefs, adherence and asthma outcomes: a multi-country study	Amy Chan
Exploring Patients' Beliefs about Antibiotics for Upper Respiratory Tract Infections: a Qualitative Study	Nouf Almeshal
Support through Mobile Messaging and digital health Technology for Diabetes (SuMMiT-D): Feasibility of economic evaluation	Emily Holmes