



ESPACOMP Workshop 2023: How to describe medication adherence interventions?

Bridging the gap between intervention development and reporting guidelines and behaviour change in real life:

Saturday 2nd December 2023 9:00 to 12:30 CET

Faculty (in alphabetical order)

Prof. Vera Araújo-Soares PhD, Professor of Prevention at the Faculty of Medical Sciences Mannheim, Heidelberg University, Germany.

MSc. Carmen Corral-Partearroyo, PhD student in Public Health at Sant Joan de Déu Research Institute and Autònoma University of Barcelona, Spain.

Dr. Sarah Serhal PhD, Postdoctoral Research Fellow in Pharmaceutical Sciences, University of Geneva, Switzerland.

Raya Vinogradov, PhD student at the Population Health Sciences Institute, Newcastle University, UK.

Purpose:

This workshop will introduce participants to medication adherence intervention development, provide an overview of the state-of-the-art on intervention reporting recommendations, and illustrate their application with ongoing project examples.

Description:

The workshop will start with an overview of intervention development and reporting guidelines and recommendations to delineate the context of intervention development and description standards. It will then focus on three practical examples of ongoing intervention development and evaluation projects to illustrate the challenges of applying these standards to diverse real-life conditions.

By the end, participants will be able to:

- Describe the main intervention reporting guidelines and frameworks available for medication adherence interventions (development and evaluation).
- Apply these recommendations to reporting example interventions.
- Describe and critically assess the practical challenges of applying these recommendations to medication adherence real-life intervention studies at different stages in the development process.
- Propose and justify solutions for applying reporting recommendations to real-life interventions.

This workshop aims to create a space to discuss practical challenges for reporting medication adherence interventions, and form a task force with those willing to continue towards a consensus on intervention description specific to medication adherence and consistent with available guidelines (EMERGE, ABC).

This workshop is relevant to adherence researchers and healthcare professionals planning and/or conducting medication adherence intervention studies.

- Requires **no** prior knowledge or experience, but experience with developing interventions is advantageous.
- It will have a mixed theory-practical format. Participants will be asked to work interactively to formulate solutions to reporting intervention challenges and discuss the implications.
- Includes a mix of short presentations, lectures, group discussions, and practical exercises.

Leaders:

Professor Vera Araújo-Soares will provide an overview of medication adherence interventions and reporting guidelines and recommendations for intervention development and description. Vera has extensive experience in the development and evaluation of evidence-based health promotion interventions. Carmen Corral-Partearroyo, Raya Vinogradov and Dr. Sarah Serhal will illustrate their application with examples from ongoing projects as well as the challenges of applying these standards to diverse real-life situations. All leaders will synthesise the challenges of reporting interventions, potential solutions, and future steps toward a consensus



Vera Araújo-Soares

Vera is a Professor of Prevention at the Faculty of Medical Sciences Mannheim, Heidelberg University. She completed her PhD in 2006 in Portugal where she worked as an academic and a clinician. After her PhD she moved to the UK where she worked in Scotland and England. In England she was Professor of Health Psychology and Public Health at the Medical Faculty of Newcastle University. Her research targets the development and assessment of evidence-based interventions for the promotion of health behaviours and the prevention and self-management of chronic conditions. She is passionate about translating theory and empirical evidence into practice and by doing so, contributing to refining theory.



Carmen Corral-Partearroyo

Carmen is a nursing and public health professional. She graduated in Nursing in 2015 from the Complutense University of Madrid and developed her professional career in London (UK). In 2020, she completed an MSc in Public Health at LSHTM. Since 2020, she is part of the PRISMA research group at Sant Joan de Déu Research Institute and a PhD student in the field of Design, Evaluation and Implementation of Complex Interventions at the University Autònoma of Barcelona with a particular interest in supporting medication adherence in a range of chronic conditions.



Sarah Serhal

Sarah is a postdoctoral researcher within the School of Pharmaceutical Sciences, University of Geneva, Switzerland. She is a pharmacist with a Master's in International Public Health and completed her PhD at the Woolcock Institute of Medical Research/University of Sydney, Australia. Her research explores ways we can address patient, medication, and healthcare related barriers to achieve optimal illness control and how these actions can be transformed into real-world impact using principles of implementation science.



Raya Vinogradov

Raya (BA Social and Life Sciences, MClinRes) is a research radiographer working in the North East of England (Newcastle upon Tyne NHS Hospitals Foundation Trust) and a PhD student in the Population Health Sciences Institute, Newcastle University, UK. Her research interests are focused on improving adherence to prophylactic aspirin amongst pregnant people.