

Workshop 1, advanced level course:

TITLE: Adaption of Interventions: How to translate existing intervention to your own setting – A practical guide.

Room: Roma I

Faculty: [Prof. Dr. Sabina De Geest](#), PhD, RN (University of Basel, Switzerland & KU Leuven, Belgium), [Dr. Juliet Foster](#), PhD, Research Psychologist (Woolcock Institute of Medical Research, University of Sydney, Australia), [Dr. Bart van den Bemt](#), PhD, RPh (UMC St Radboud, Netherlands), [Dr. Liset Van Dijk](#), PhD, Sociologist (NIVEL, Netherlands), [Prof. Leah Zullig](#), PhD, MPH, (Duke University and Durham Veterans Affairs Centre for Health Services Research in Primary Care, USA)

Introduction

The goal of this advanced level workshop is to build on the pre-conference workshops of 2014 and 2015 which addressed aspects of medication adherence intervention development, implementation and sustainability. This years' workshop will focus on adapting an existing intervention to a different setting. For example, how to translate an intervention developed in one country so that is suitable for another country, or how to translate an intervention developed for a hospital setting to one that is suitable for a primary care setting.

This workshop is intended for health services researchers, clinicians, educators, and policy makers who have some experience in the design, implementation, testing and/or dissemination of adherence interventions. Participants should have knowledge of evidence-based behavioural and organizational theories relevant to intervention implementation. Balancing theoretical discussion and practical, hands-on learning, the workshop will comprise interactive presentations, group work, and discussion. A case study will provide concrete examples to guide and stimulate the application of new content learned.

Learning objectives

- Recognize and explain the key elements required for the adaption of an existing evidence-based adherence intervention for implementation in a different context.
- Apply the proposed adaptation frameworks and strategies to example case studies.
- Reflect and discuss the transferability of the material learned to your own setting or context.

Learning methods

Interactive presentations; case study analysis; critical reflection; discussion; small group work.

Case studies

This year's case study will build on the MAESTRO-TX study and the BRIGHT study. The MAESTRO-TX is a randomized controlled trial testing the efficacy of a multidimensional 6-month adherence enhancing intervention in heart, lung and liver transplant recipients REF. For contextual guidance on adaption of the Maestro Tx intervention to a 'real life' setting we will use data from the BRIGHT study to help us substantiate the different dimensions of the Consolidated Framework for Implementation Research (CIFR).

Bibliography

Participants must be well prepared in order to get the maximum benefit from the workshop. A limited list of journal articles and workshop case studies (mandatory reading) will be sent to participants approximately one month prior to the meeting.

Number of participants

50

Requirements for participation

Experience in the design of formal implementation & dissemination strategies, and/or testing of adherence interventions. Knowledge in behavioural theory and interventions. Reading of preparatory materials.

**All participants need to print out the materials themselves.
Hard copies will not be provided at the conference!**



PROGRAM WORKSHOP 1

We will start with a short review of important aspects in the development, implementation and evaluation of large system, scalable adherence interventions. The main topic of the workshop will be addressed in a presentation on theoretical background (~45 minutes), presentation of the case study (~45 minutes), small group work including case study analysis (~2x90 minutes), and a full group discussion (~60 minutes).

For small group work, participants will be divided in 6 groups of approximately 8 or 9 people. A faculty member will be a part of each group and will facilitate group discussion.

09.00-09.15	Welcome and Review of Workshop Program General overview and welcome. Participants will introduce themselves within their small groups.	Liset van Dijk
09.15-09.30	A brief overview of the Maestro Tx intervention	Sabina De Geest
09.30-10.00	Quick refreshment review of implementation theory (general): <ol style="list-style-type: none">1. Review why theories are important in implementation2. Review the life of an intervention from development to implementation and sustainability3. Provide detailed discussion of CFIR	Leah Zullig
10.00-10.30	Lecture Adapting an intervention to another setting <ol style="list-style-type: none">1. Review why and when to adapt2. Review core elements and adaptable periphery (what are they and how to identify)3. Discuss fit and fidelity4. Apply the CFIR5. Involve research team and multidisciplinary stakeholders	Leah Zullig
10.30-10.45	BREAK	
10.45-11.15	Presentation Case study	Sabina De Geest
11.00-12.30	Group work part 1: Goal: application of the proposed frameworks and strategies for adaption of an adherence intervention to another setting using the case study (see above).	Sabina De Geest & Bart van den Bemt

Reflection and discussion of transferability of the learned material to the participants' own setting/context will also be encouraged.

12.30-13.30	LUNCH	
13.30-13.45	Reflection on First Israeli Medication Adherence and Implementation Science Workshop (Avi Leader and Leah Zullig)	Leah Zullig
13.45-15.15	Case Study /Group work, follow-up Goal: application of the proposed frameworks and strategies for implementation and sustainability for adherence interventions using the case studies (see above). Reflection and discussion of transferability of the learned material to the participants' own setting/context will also be encouraged.	Juliet Foster & Sabina De Geest
15.15-15.30	BREAK	
15.30-16.30	Feedback group work & discussion	Bart van den Bemt & Sabina De Geest
16.30-17.00	Discussion and Evaluation of Workshop & Conclusion Goal: Review of current workshop and discuss improvements for future workshops <ul style="list-style-type: none">• What was appreciated? What was less valuable?• Which new content could be integrated into a similar 2017 ESPACOMP conference?• What should be the emphasis / priorities for research from your perspective?• In what way will today's workshop impact your future research/practice? What are you going to apply and come and tell us next year?	Sabina De Geest & Liset van Dijk

