

Introduction to Systematic Reviews and Meta-Analysis - ONLINE

28 - 30 September 2023

Early Booking Deadline until 17 August 2023

Dear Colleagues,

we are pleased to announce the 3-Day Certificate University Course “**Introduction to Systematic Reviews and Meta-Analysis**”, to be held **online**.



Course Faculty

Marjan Arvandi, PhD, MSc

Senior Scientist, UNITIROL – University for Health Sciences and Technology, Hall i.T., Austria

Lisa Hess, PhD, MSc

Research Advisor, Global Patient Outcomes, Eli Lilly and Company/Indiana University, USA

Rachel Richardson

Methods Support Unit Manager, Evidence Production and Methods Directorate, Cochrane, UK

This 3-day virtual hands-on workshop provides an introduction to conducting systematic reviews, evidence synthesis and meta-analyses. We will cover how to formulate an answerable research question, perform a literature search, extract data, assess study quality and risk of bias, perform a meta-analysis and report results. The course will be interactive and practical, with a mixture of lectures, hands-on tutorials and computer exercises.

Topics covered in this course:

- Formulate an answerable research question along the PICO (Population, Intervention, Comparator, Outcome) framework
- Perform a systematic literature review, including selection of databases, development of a search code, defining inclusion and exclusion criteria, data extraction and quality & bias assessment
- Develop and implement an analysis plan, including determining the interventions, the outcomes and effect measure to be used
- Understand the principles of fixed and random effects models and their differences
- Critically assess study quality and risk of bias
- Identify and explain heterogeneity
- Program specific software to perform a meta-analysis
- Report and interpret the results of meta-analyses
- Understand the role of meta-analysis in clinical guideline development, health technology assessment and decision making

Online booking for this course is available via IntroMA - Registration

Group Registrations - Save 15%

HTADS Alumni - Save 20%

Kind regards,

Marjan Arvandi (Course Director)

Uwe Siebert (HTADS Program Director)

This course is part of the International HTADS Continuing Education Program developed by the Institute of Public Health, Medical Decision Making and Health Technology Assessment, Department of Public Health and Health Technology Assessment (Chair: Prof. Dr. Uwe Siebert) at UMIT TIROL. The HTADS Program was designed to provide excellent quality education and comprehensive training in the key issues of Health Technology Assessment (HTA) and Decision Sciences (DS) for anyone in the health sector.

Detailed information about our courses and study programs is available at

www.htads.org,

via e-mail htads@umit-tirol.at or

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Imprint

Institute of Public Health, Medical Decision Making and Health Technology Assessment

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