

# Evidence-based healthcare evaluation

## Short Course

16-18 October 2019, Vienna

Medical University of Vienna, Center for Public Health  
Department of Health Economics (DHE)

### Aim of the Course

The scientific evaluation of health care as a whole and individual healthcare services and technologies is a fundamental element of policy and funding decisions in healthcare systems. This course aims to introduce the basic concepts and methods of evidence-based healthcare evaluation through relevant steps from evidence review, appraisal and synthesis to outcome, cost, cost-effectiveness and efficiency evaluations both in theory and in practice using applied examples and practical exercises.

### Learning Objectives

By the end of the course, participants will be familiar with concepts and methods of evidence-based health technology and healthcare system evaluations including:

- Literature review, appraisal and synthesis incl. meta-analysis
- Methods for economic evaluation (outcome, cost, cost-effectiveness)
- Healthcare system performance assessment

### Structure of the Course

#### *Day 1 / 09:00 – 16:45*

- Module 1: Introduction
- Module 2: Review and critical appraisal of evidence

#### *Day 2 / 09:00 - 17:00*

- Module 3: Evidence synthesis
- Module 4: Evaluation of costs
- Module 5: Evaluation of outcomes
- Module 6: Evaluation of cost-effectiveness using patient-level data

#### *Day 3 / 09:00 – 13:45*

- Module 7: Evaluation of cost-effectiveness using modelling
- Module 8: Evaluation of healthcare systems

*13:45 – 14:45*

- Exam: Optional for ECTS accreditation

***For more information follow this link***

**<https://healthconomics.meduniwien.ac.at/ausbildung/dhe-short-courses/?L=1>**

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