

## Systematic reviews and meta-analyses

The Faculty of Medicine Postgraduate Education Unit (PGE) and Finnish Doctoral Program in Oral Sciences FINDOS-Turku organize two-day course 30-31.10.2023. All doctoral researchers at the Faculty of Medicine are welcome to attend the course.

**Course leader:** Professor Ulvi Gursoy, Institute of Dentistry

**Teachers:** Jouko Miettunen, Professor, Clinical epidemiology, University of Oulu, Auli Suominen, University Teacher, Institute of Dentistry, University of Turku  
Saija Hurme, Biostatistician, Department of Biostatistics, University of Turku

**Credits:** 1-2 ECTS

**Learning outcomes:** The objective of the course is to understand the whole process of performing systematic review or meta-analysis. Student understands the basics of the systematic reviews and meta-analysis: how to search, evaluate and qualify the systematic review or meta-analysis material/articles, how to pool the studies, understand different kind of meta-analyses and know how to handle the publication bias.

**Study methods:** Lectures (6 hours) and workshops (4 hours) and reporting work (2-4 pages based on workshops and your own study question).

**Requirements:** Active participation in the lectures and workshops (1 ECTS) and sending the reporting work after the course (1 ECTS).

**Evaluation:** Pass/Fail

**Registration** in Peppi by 1.10.2023.

## Programme

### Monday 30.10.2023

Place: lecture room DEN218 (Dent2) in Dentalia (Lemminkäisenkatu 2, Turku)

9.00-11.00 Lecture I: Systematic reviews  
11.00-12.15 Lunch (not free)  
12.15-13.45 Lecture II: Meta-analyses: Basics  
13.45-14.00 Coffee  
14.00-14.45 Workshop I: Own work - Selection of studies

### Tuesday 31.10.2023

Place: seminar room DEN203 (Dent4) in Dentalia

9.00-10:00 Lecture III: Meta-analyses: Advanced  
10:00-10.15 Coffee  
10.15-12.00 Workshop II: Own work - Extracting and entering data  
12.00-13.00 Lunch (not free)  
13.00-13.45 Workshop III: Own work - Meta-analysis in SPSS

Please contact FINDOS-Turku Coordinator (sanni.helander@utu.fi), Saija Hurme (saija.hurme@utu.fi) or Auli Suominen (auli.suominen@utu.fi) for more information.