



School of Public Health, Physiotherapy and Sports Sciences. College of Health Sciences. University College Dublin

Wednesday, 18th March, 2020

Introduction to Systematic Reviews and Meta-analysis

Thursday, 19th March, 2020

Advanced features of MA. Appraising the certainty of the body of evidence. Basis of Network Metaanalysis

Friday, 20th March, 2020

From evidence to decision framework. Using the evidence to make decisions applying the GRADE methodology

Course Director

Dr Carla Perrotta, MD MPH PhD Assistant Professor , School of Public Health, Physiotherapy and Sports Sciences College of Health Sciences, University College Dublin

Speakers

Dr Ariel Izcovich, MD PhD Consultant in General Internal Medicine. Member of the GRADE network. Trainer at Mac Master University

Dr Ricardo Segurado, PhD Associate Professor Biostatistics . School of Public Health, Physiotherapy and Sports Sciences. College of Health Sciences, University College Dublin

Chris Noone, Lecturer | School of Psychology MEDAL Research Group National University of Ireland, Galway

Mr Diarmud Stokes, Librarian, Systematic Reviews representative

Dr Cailbhe Doherty, Astra Fellow. The insight Centre for Data Analysis. School of Public Health, Physiotherapy and Sports Sciences. College of Health Sciences, University College Dublin.



School of Public Health, Physiotherapy and Sports Sciences. College of Health Sciences. University College Dublin

Introduction to Systematic Reviews and Meta-analysis

Wednesday 18th March 2020

During this day we will cover the steps needed to complete a systematic review and to run a Meta-analysis.

Who should attend this workshop?

Postgraduate students of any discipline who need to complete or to use systematic reviews for their dissertations. . Current Cochrane Collaboration authors.

Users of systematic reviews wishing to understand the methodology

Workshop description

The training will consist of a brief lecture session (15-20 minutes max.) followed by a practical hands-on session.

You are welcome to bring along your systematic review project to use in the practical sessions.

Course objectives

- Identify the key elements of a systematic review and Meta-analysis
- Get familiar with the process of registering a SR protocol
- Identify the structure of a good systematic review question
- Understand the steps to run a search strategy
- Tips to succeed running your search strategy, practical tips for using Endnote, Covidence or RAYYAN.
- Understand the process of data-extraction
- Prepare your SR in RevMan or in excel (if you are planning to use Stata, R or any other statistical package to run your Meta-analysis)
- Interpret the basis of a forest plot graph



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From evidence to decision: Appraising the certainty in the body of evidence & Introduction to Network Meta-analysis

Thursday 19th March 2020

This training course is for those who have experience in conducting systematic reviews or who understand the basis of systematic reviews and would like to explore advanced features of Meta-analysis and tools for summarizing and appraising the certainty in the body of evidence.

Participants will use the GRADE pro software to construct summary of findings tables (SoF).

Who should attend this workshop?

Postgraduate students of any discipline who have either completed a systematic review or are working on one.

Developers of clinical guidelines who would like to understand the GRADE methodology to summarise the body of the evidence

Users of systematic review who understand the principles of systematic reviews and Meta-analysis methods.

Workshop description

The training will consist of 20 minutes of lectures followed by 30 – 40 minutes of practical work.

Course objectives:

At the end of this workshop participants should be able to:

- Understand and explore heterogeneity
- Assess certainty in the body of evidence following the GRADE approach
- Construct GRADE summary of findings tables
- Understand the basis and applications of Network Meta-analysis (NMA)
- Assess certainty in the body of evidence following the GRADE approach for NMA



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From Evidence to Decision

Friday 20th of March, 2020.

This training day will cover the evidence to decision framework as per the GRADE Cochrane group.

Course description:

The sessions will consist of lectures and practical sessions. Participants will use the GRADE pro software to appraise existing evidence.

Who should attend this workshop?

Health Care practitioners who use evidence and want to understand how to interpret the available evidence, advisors to policy makers, graduate students who are in the process of completing a systematic review, groups working in developing clinical guidelines.

Course objectives

- Interpret GRADE summary of findings tables
- Understand the process of moving from evidence to decisions using GRADE evidence to decision frameworks (EtD)
- Understand how to incorporate other key elements for decision-making (i.e. patients' values and preferences)
- Interpret recommendations constructed with the GRADE approach
- Implement recommendations constructed with the GRADE approach



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Fees:

Option 1 :	1 Day attendance	=	€150.00
Option 2:	2 Days attendance	=	€280.00
Option 3:	3 Days attendance	=	€350.00

Payment: [Link to Booking Centre](#)

Registration: public.health@ucd.ie

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