



EVIDENCE SYNTHESIS
I R E L A N D



Cochrane
Ireland

GRADE Workshop

Online – 5 days

Background

GRADE (Grading of Recommendations, Assessment, Development and Evaluation) is used by over 100 international organisations such as WHO, Cochrane, American Society of Haematology and others to produce rigorous and transparent clinical practice guidelines and other healthcare recommendations.

GRADE is a standardised and transparent approach to assessing the certainty of evidence and the strength of healthcare recommendations. The approach provides a manageable system that integrates all important aspects. The GRADE approach was developed by the multidisciplinary GRADE working group. More information on GRADE can be found at: <http://de.gradeworkinggroup.org>

Aim

To lead course participants through the complete process of guideline development with GRADE using a concrete example: starting with the selection of a relevant PICO question and ending with the formulation of a recommendation. The GRADEpro GDT software is used for this purpose. The thematic focus is on assessing the certainty of the underlying evidence as well as the strength of the recommendation. In lectures, we introduce GRADE and explain its use with examples.

Date/Time:

**7th, 8th, 13th, 14th & 15th
October
10:15 – 13:45**

Skill level:

Introductory

Prerequisites:

Attendees should have knowledge in conducting and/or using systematic reviews as well as the basic principles of evidence-based healthcare, and the critical appraisal of research studies, especially RCTs

Places:

24

Fee:

**€250 (General)
€180 (Early Bird)
€150 (Student)**

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Learning outcomes

In this course participants will be enabled to:

- Understand the basic principles of the GRADE approach and be able to comprehend the individual steps in the assessment of the evidence and their impact on the strength of the recommendation
- Be able to create an evidence profile for a therapeutic intervention based on a systematic review
- Have a basic understanding of the GRADE Software

Target Audience

Systematic review authors, guideline developers, health and social care professionals, academics, researchers, postgraduate students, decision makers, Evidence Synthesis Ireland Fellows and other professionals.

Teaching strategies

The workshop will consist of a mixture of presentations and exercises in small groups.

Facilitators:

Ingrid Toews

Research associate

Institute for Evidence in Medicine,
University Medical Center, Freiburg,
Germany

Dr Chris Noone

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Course content/timetable

Day 1 - 7th October	
Pre-learning: tbc	
10:00	Join the meeting online
10:15	Welcome, introduction of presenters
10:30	Presentation: Evidence-based healthcare
11:15	Break
11:30	Presentation: What is GRADE? An overview
12:15	Break
12:30	Practical exercise in small groups: Set PICO and outcomes
13:30	Close

Day 2 - 8th October	
Pre-learning: tbc	
10:00	Join the meeting online
10:15	Recap and questions on previous presentations and exercise
10:45	Presentation: Certainty of evidence – downgrade
11:45	Break
12:00	Presentation: Certainty of evidence – upgrading and Summary of Findings-tables
12:45	Break
13:00	Interactive presentation: Introduction to GRADEpro GDT (GRADE software)
13:30	Close

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Course content/timetable

Day 3 - 13th October	
Pre-learning: tbc	
10:00	Join the meeting online
10:15	Recap and questions on previous (interactive) presentations
10:45	Practical exercise in small groups: Assessing the certainty of the evidence (Methodological limitations)
12:00	Break
12:15	Practical exercise in small groups: Assessing the certainty of the evidence (Inconsistency)
13:30	Close

Day 4 - 14th October	
Pre-learning: tbc	
10:00	Join the meeting online
10:15	Recap and questions on previous exercises
10:45	Practical exercise in small groups: Assessing the certainty of evidence (Indirectness)
12:00	Break
12:15	Practical exercise in small groups: Assessing the certainty of evidence (Imprecision)
13:30	Close

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Course content/timetable

Day 5 - 15th October	
Pre-learning: tbc	
10:00	Join the meeting online
10:15	Presentation: Formulation of recommendations
11:00	Break
11:15	Practical exercise: Developing and formulating recommendations (Evidence to decision)
12:15	Break
12:30	Discussion of the results and conclusion
13:30	Close

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