



EVIDENCE SYNTHESIS
IRELAND



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

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University Medical Center, Freiburg,
Germany

Dr Chris Noone

Lecturer at NUIG School of
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Associate

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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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GRADE Workshop Online – 5 days

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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GRADE Workshop Online – 5 days

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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