

## Introduction to Cochrane Methodology Workshop - Athens, Greece

Date: 19<sup>th</sup> to 20<sup>th</sup> February 2021

### PRELIMINARY PROGRAM

	<b>Day 1 - 19 February 2021, Saturday</b>
15:00	<b>Welcome and Introductions</b> Siristatidis C, Fountoulakis K
15:10-15:30	<b>Introduction to Cochrane and the Cochrane Collaboration - Cochrane organization and structure</b>
15:30 – 16:00	<b>General issues about Cochrane reviews</b> Reporting of the protocol of a new Cochrane review - MECIR standards Updating reviews Overviews of reviews
16:00-16:30	<b>Planning a Cochrane Review</b> Determining the scope of a review Defining the review question Defining PICO(S)
16:30-16:45	<b>Protocol structure</b> <ul style="list-style-type: none"><li>• Protocol information</li><li>• Background</li><li>• Objectives</li><li>• Types of participants</li><li>• Types of interventions</li><li>• Types of comparisons</li><li>• Types of outcome measures</li><li>• Types of studies</li><li>• Acknowledgements</li></ul>

	<ul style="list-style-type: none"> <li>• Contributions of authors</li> <li>• Declarations of interest</li> </ul>
16:45 – 16:55	<p><b>Formulating the question (PICOS) - practical</b></p> <p>Examples</p>
17:05-17:20	<p><b>Search methods for identification of studies</b></p> <p>Sources to search</p> <p>Designing search strategies (sensitivity vs precision, filters, restrictions, timing)</p>
17:20-17:40	<p><b>Selection of studies</b></p> <p>A typical process for selecting studies</p> <p>Selecting “excluded” studies</p> <p>Documenting and reporting the search and selection process</p>
17:40-18:00	<p><b>Collecting data</b></p> <p>Sources of data – what data to collect</p> <p>Data collection tools</p>
18:00-18:15	<p><b>Dealing with missing data</b></p> <p>Types of missing data</p>
18:15-19:00	<p><b>Choosing effect measures and computing estimates of effect</b></p> <p>Types of data and effect measures</p> <p>Introduction to a meta-analysis</p> <p>Introduction to a network meta-analysis</p>

	<b>Day 2 - 20 February 2021, Saturday</b>
09:45-10:00	<p><b>Summary of key messages from Day 1</b> Siristatidis C, Fountoulakis K, Sergentanis T</p>
10:00-10:40	<p><b>Assessment of risk of bias in included studies</b> Bias and conflicts of interest Assessment of reporting biases – bias due to missing results Overview of RoB2 tool</p>
10:40-11:10	<p><b>Investigation of heterogeneity</b> Sensitivity analysis Subgroup analysis</p>
11:10-11:30	<p><b>Presentation of findings</b> Summary of findings' table and grading the certainty of the evidence GRADE framework</p>
11:30-12:00	<p><b>Interpreting results and drawing conclusions</b></p>
12:00-12:30	<p><b>Introduction to Cochrane tools; Covidence- Revman 5.4 – Revman Web</b> <b>Overview of tables and graphs</b> <b>Accessing the Cochrane library</b></p>
12:30-16:00	<p><b>Discussion with participants</b> <b>One-to-one activity</b> <b>Questions - answers</b></p>

