

# VIRTUAL FIRST STEPS IN CRITICAL APPRAISAL MASTERCLASS

**No prior knowledge assumed!**

## **Aim**

To gain a comprehensive overview and understanding of how to critically appraise clinical papers.

## **Objectives**

1. To understand the meaning of evidence-based dentistry and the importance of critical appraisal skills.
2. To be able to identify different study designs.
3. To be able to evaluate the methodology of any study for strengths and weaknesses.

## **Agenda**

0900	Introduction to evidence-based medicine - <i>types of studies</i>
1010	Appraising methodology - <i>The clinical question and primary hypothesis, secondary hypotheses.</i>
1100	Appraising methodology - <i>bias</i>
1115	Appraising methodology - <i>confounding factors.</i>
1130	Appraising methodology - <i>power</i>
1200	<b>Break</b>
1230	Understanding results - <i>Types of data</i>
1315	Understanding results – <i>risks and odds</i>
1400	Interpretation of results – <i>understanding the use of statistical tests</i>
1400	Systematic reviews and meta-analyses
1530	Feedback and close