



# Critical Appraisal

Dental trainees workshop

*A comprehensive and practical overview of everything you need to understand and appraise clinical papers with confidence.*

***Live virtual Critical Appraisal  
Masterclass 5th & 6th Oct 2021***



**The virtual *Critical Appraisal Masterclass* provides a comprehensive overview of everything you need to understand and appraise clinical papers with confidence.**

Critical appraisal is taught from first principles and you will be guided through presentations designed to illustrate key points.

The workshop offers the opportunity to learn how to critically appraise clinical papers and to apply these skills to your own clinical papers. For those preparing for the ISFE examination this work will be invaluable to understand the principles of critical appraisal.

The tutor is Narinder Gosall, author of *"The Doctor's Guide to Critical Appraisal"* 5th edition, PasTest, which was a winner at the BMA Medical Book Awards 2012 in the Basis of Medicine category.

## Become an expert!

By the end of the workshop, you will:

- ★ understand the meaning of evidence-based medicine and the importance of critical appraisal skills
- ★ be able to identify different study designs
- ★ be able to evaluate the methodology of any study for strengths and weaknesses
- ★ understand how to choose a statistical test to analyse data and be able to interpret the results of any study
- ★ be able to calculate clinically useful statistics from results data
- ★ be able to decide whether to change clinical practice based on the results of a study

You will receive CPD 10 hours.

You will receive complimentary access to the *Critical Appraisal Online Course* for 3 months after the workshop date. The online course includes the core teaching materials.

## Workshop places are limited!

Reserve your place today!

**Date** 5th and 6th Oct 2021

9-12 Appraising methodology

1-3 Understanding results

### Workshop topics include

Types of studies

Populations and samples

Sample size and power

Inclusion and exclusion criteria

Bias and confounding

Randomisation and allocation

Blinding and placebos

Reliability and validity

Intention-to-treat analysis

Incidence and prevalence

Means, medians, modes

Null hypothesis and P values

Type 1 and type 2 errors

Choosing statistical tests Risks and odds

Numbers needed to treat

Correlation and regression

Systematic reviews

Meta-analyses

Forest plots and funnel plots

Homogeneity/heterogeneity

**and more!**

