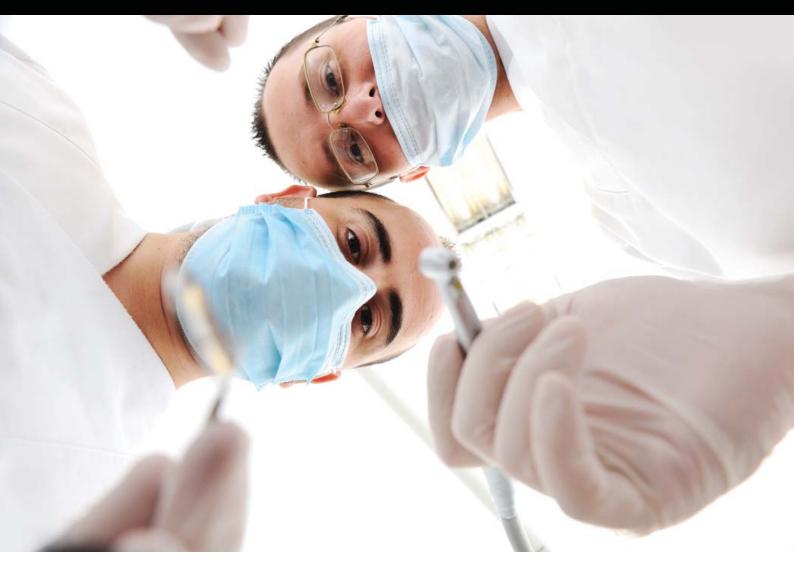
#### **READ CLINICAL PAPERS WITH CONFIDENCE**



# **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 24th & 25th Feb 2021*



**The Critical Appraisal Company** 

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

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 24th & 25th Feb 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!

