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 Jan 2022

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 and 25th Jan 2022

9-12   Appraising   methodology
1-330   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!