READ CLINICAL PAPERS WITH CONFIDENCE

Critical Appraisal

One Day Course

A comprehensive and practical overview of everything you need to understand and appraise treatment studies.

11 November 2015 - 9am to 4.30pm - Lecture Theatre
Mackenzie Centre, Burnley General Hospital

CRITICAL APPRAISAL ONE DAY COURSE

The *Critical Appraisal One Day Course* provides a comprehensive overview of everything you need to understand and appraise treatment studies with confidence.

You will be guided through presentations and exercises designed to illustrate key points in randomised controlled trials and meta-analyses. You will test your understanding by completing exercises in the course handout. You will learn to evaluate the methods section for strengths and weaknesses, and be able to extract important data from the results section.

The course offers the opportunity to not only learn how to critically appraise clinical papers but to practice these new skills under supervision.

The course tutor is Dr Gurpal S. Gosall, Consultant Psychiatrist, Royal Blackburn Hospital and author of *"The Doctor's Guide to Critical Appraisal"* (4th edition - 2015, PasTest). The book was the winner at the BMA Medical Book Awards 2012 in the 'Basis of Medicine' category.

Agenda

Wednesday 11 November 2015

0900 Registration
0915 **Research basics**
1045 Break
1100 **Appraising methods**
1230 Break
1330 **Understanding results**
1530 Break
1545 **Systematic reviews and meta-analyses**
1630 End

Reserve your place today!

The course is suitable for all healthcare professionals. You will be provided with the handout and a certificate of attendance (CPD/ CME 6 hours).

To reserve your place, please contact:

Mackenzie Healthcare Library
Burnley General Hospital
Casterton Avenue
Burnley
BB10 2PQ

External dial : 01282 805078
Internal dial : 15078
Email : library.burnley@elht.nhs.uk

Course 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

Systematic reviews

Meta-analyses

Forest plots and funnel plots

and more!