

12 CPD
credit
points by
DHA



Critical Appraisal

Advance Workshop For Physicians

A comprehensive & practical overview of everything you need to know to understand & appraise clinical papers with confidence, with exercises using real clinical papers.

7 - 8 May 2012 at Rashid Medical Library-Auditorium.

Instructor: Dr. Gurpal Gosall, Consultant General Adult Psychiatrist, Royal Blackburn Hospital, Lancashire, UK.



The Critical Appraisal Advanced Workshop provides a comprehensive overview of everything you need to know to understand & appraise clinical papers with confidence.

Become an expert in two days!

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 & weaknesses
- be able to understand how to choose a statistical test to analyze data & 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

The Tutor will guide you through presentations & exercises designed to illustrate key points. You will test your understanding by completing exercises in the workshop handout & appraising real clinical papers.

Agenda

DAY ONE – Monday, 07 May 2012

- 07:30 > Registration
- 09:00 Appraising methodology - quick review
- 10:30 Refreshment Break + Opportunity to discuss
- 11:00 Cohort study
- 12:30 Lunch Break
- 13:30 Case-control study
- 14:30 Randomised controlled trial
- 15:30 Break
- 15:45 Randomised controlled trial
- 17:00 END

DAY TWO – Tuesday, 08 May 2012

- 09:00 Randomised controlled trial
- 09:45 Prognostic (survival) study
- 10:45 Refreshment Break + Opportunity to discuss
- 11:00 Diagnostic study
- 12:30 Lunch Break
- 13:30 Systematic reviews / meta-analyses
- 15:30 Break
- 15:45 Review of key learning points
- 16:00 END

You will be provided with the handout & a certificate of attendance (**CPD/CME 12hours**). You will receive complimentary access to the Critical Appraisal Online course including the core teaching materials until **3** months after the workshop date.

Registration Fees:

Non-DHA: AED400 (Certificates are included)!

To register send your details to: rmllibrary@dha.gov.ae

Registration is open to all Physicians. For information call: 04-2191919, 04-2191914

Payment Office Location:

Dubai Health Authority, Rashid Medical Library, Business Support Office, Office C-3,
Between 8am–1pm

Location Map: <http://web.dohms.gov.ae/medlib/map.pdf>

All Physicians from Dubai Health Authority (DHA), Private and Public Health Sectors in UAE, Gulf and all other countries can apply!

Real clinical papers are appraised in the workshop, including examples of the following types of studies

Aetiological study
Treatment study
Prognostic study
Systematic review / meta-analysis
Workshop topics include
Types of studies
Populations & samples
Sample size & power
Inclusion & exclusion criteria
Bias & confounding
Randomization & allocation
Blinding & placebos
Reliability & validity
Intention-to-treat analysis
Incidence & prevalence
Means, medians, modes
Null hypothesis & P values
Type 1 & type 2 errors
Choosing statistical tests
Risks & odds
Numbers needed to treat
Correlation & regression
Systematic reviews
Meta-analyses
Forest plots & funnel plots
Homogeneity/heterogeneity
Non-inferiority/equivalence
Diagnostic studies
Sensitivity & specificity
Pre/post-test probabilities
ROC curves
Prognostic studies
Kaplan Meier survival graph

Target Audiences:

- ✓ All Medical HealthCare Professionals
- ✓ Residents, Interns & Faculty Members
- ✓ Researchers & Academics
- ✓ Librarians

