



How to Practise Evidence-Based Health Care

14th - 15th October 2010

An introductory EBM course with a focus on quantitative research, covering basic statistics

Evidence-based medicine (EBM) is the process of life-long, self-directed learning in which caring for patients leads to the search for, critical appraisal, and incorporation into practise of valid and clinically important information about diagnosis, prognosis, therapy, and other clinical and health-care issues.

Who should attend this workshop?

The workshop is aimed at health care professionals and researchers who wish to gain knowledge of critical appraisal and experience in the practise of evidence-based health care. The course is introductory, focussed on quantitative research and covers some basic statistics. The course now also includes an optional session on critical appraisal of qualitative research presented by Prof. Rose Barbour.

Workshop aims: After the workshop, participants should be able to:

- formulate answerable questions
- search effectively for evidence
- critically appraise evidence about treatment, prognosis, diagnosis and aetiology for its validity and applicability
- understand basic measures of efficacy e.g. numbers needed to treat and likelihood ratios
- understand the basics of decision analysis, guidelines and cost-effectiveness analysis.

Workshop format:

Plenary sessions will cover core issues in EBM including a sessions on literature searching, risk & prognosis and systematic reviews.

Most of the workshop will be conducted in small groups in which participants will develop their EBM knowledge and skills.

Workshop materials and preparation:

Participants will receive the Evidence-Based practise Workbook by Paul Glasziou, Chris Del Mar & Janet Sainsbury. This includes information about how to review papers on diagnosis, prognosis, therapy/prevention, quality of care, systematic reviews, economic analysis and appropriate background reading and advice on software tools to help you practice and teach EBM.

Course Tutors: Dr Sarah Wild, *Reader in Epidemiology & Public Health, University of Edinburgh*
Prof Simon Maxwell, *Senior Lecturer in Clinical Pharmacology, University of Edinburgh, and Honorary Consultant Physician*
Dr Colin Fischbacher, *Consultant in Public Health Medicine, Information Services Division (ISD), NHS National Services Scotland*
Dr Claire Gordon, *Consultant in Acute Medicine, Western General Hospital, Edinburgh*
Marshall Dozier, *Senior Liaison Librarian, University of Edinburgh*
Dr David McAllister, *Specialty Trainee in Public Health, NHS Fife.*

Course fee: £195

Venue: Wellcome Trust Clinical Research Facility, Western General Hospital, Edinburgh

For more information, please contact:

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