

Richardson WS. Crit Care Med 1998; 26: 1603-1612.

[\[abstract\]](#)

- How to use the results of an economic evaluation. Heyland DK, Gafni A, Kernerman P, et al. Crit Care Med 1999; 27: 1195-1202. [\[abstract\]](#)
- How to use articles about diagnostic technology: Gastric tonometry. Keenan SP, Guyatt GH, Sibbald WJ, et al. Crit Care Med 1999;27:1726-1731. [\[abstract\]](#)

Critical Care Clinics, July 1998 issue, is dedicated to evidence based critical care. Articles include:

- Evidence-based medicine. A tool for enhancing critical care practice. Cook DJ, Levy MM. Crit Care Clin 1998; 14:353-8. [\[abstract\]](#)
- Interpreting and using clinical trials. Doig GS. Crit Care Clin 1998; 14:513-525. [\[abstract\]](#)
- Evidence-based medicine and cost-effectiveness analysis. Chalfin DB. Crit Care Clin 1998; 14:525-37. [\[abstract\]](#)
- with other management-specific articles cited throughout the [PedsCCM File Cabinet](#)

How well do we understand our interventions?

- Ferreira F, Vincent JL, Brun-Buisson C et al. Doctors' perceptions of the effects of interventions tested in prospective, randomised, controlled, clinical trials: results of a survey of ICU physicians. Intensive Care Med, 2001; DOI 10.1007/s001340000749 [\[abstract, full-text for subscribers\]](#)

Generalizability of clinical trials

- Padkin A, Rowan K, Black N. Using high quality clinical databases to complement the results of randomised controlled trials: the case of recombinant human activated protein C. Br Med J 2001;323:923-926. [\[full-text\]](#)

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EBM Groups on the WWW

- [The Centre for Evidence-Based Medicine](#), Mount Sinai Hospital, University Health Network, Toronto,

[and Trial Design](#)

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Canada. This site now has many new resources.

- [Website of the book, Evidence-Based Medicine: How to Practice and Teach EBM](#), Sackett et al., editors,
- An excellent [EBM STATs calculator](#) for the Palm OS.
- Teaching resources for EBM in [Critical Care](#) and [Child Health](#)
- Other [Evidence resources](#)
- A [glossary of EBM terms](#)
- [The Evidence-Based Medicine Informatics Project](#) from the Health Informatics Research Unit (HIRU) at McMaster University
- [The Canadian Centres for Health Evidence](#)
 - "The principal task of Centres of Health Evidence (CHE) is to package, disseminate, and present health knowledge in ways that facilitate its optimum use."
 - Also includes the full-text of the [User's Guide to the Medical Literature Series](#)
- [The Cochrane Collaboration](#) an international organization with the goal of critically appraising and systematically reviewing the evidence underlying our clinical management across all areas of medicine
 - [Between What We Know and What We Do: The Cochrane Collaboration](#), by Georgina Ferry. In [HMS Beagle](#) (free registration required)
 - Also see [The Australasian and Canadian Cochrane Centers](#)
 - Update Software to subscribe to the CD-ROM version of the Cochrane Library at the [UK Cochrane Center Web Site](#)
 - [Search the abstracts](#) of the latest Cochrane Database of Systematic Reviews, from Update Software
 - [The Cochrane Database of Systematic Reviews on the WWW](#); a fee-based online subscription from [Synapse Publishing](#) or [Health Communication Network](#)
 - [Cochrane Collaboration Child Health Field](#)
 - [Neonatal Collaborative Review Group](#)
 - Olsen O, Middleton P, Ezzo J. et al. Quality of Cochrane reviews: assessment of sample from 1998. Br Med J 2001;323 829-832. [\[abstract/full-text\]](#)
- [Division of Informatics and Outcomes Research](#), Oregon Health Sciences University
 - [IDEA: Internet Database of Evidence-Based Abstracts and Articles](#) (no longer maintained up-to-date)
 - other [Evidence-Based Medicine Resources](#)

- The Sheffield Centre for Health and Related Research
 - Netting the Evidence: A SCHARR Introduction to Evidence Based Practice on the Internet
 - Now with a Core Library for Evidence Based Practice
- Evidence Based Medicine Resource Center, from New York Academy of Medicine
- NHS Centre for Reviews and Dissemination.
 - Database of Abstracts of Reviews of Effectiveness (DARE) Structured reviews and critiques of systematic reviews and meta-analyses. Examples include:
 - Theophylline in acute childhood asthma: a meta-analysis of its efficacy reviews: Goodman D C, Littenberg B, O'Connor G T, Brooks J G. Theophylline in acute childhood asthma: a meta-analysis of its efficacy. *Pediatric Pulmonology*, 1996; 21: 211-218 [Medline abstract]
 - Efficacy of bronchodilator therapy in bronchiolitis: a meta-analysis reviews: Kellner J D, Ohlsson A, Gadomski A M, Wang E E. Efficacy of bronchodilator therapy in bronchiolitis: a meta-analysis. *Arch Pediatr Adolesc Med* 1996; 150: 1166-1172. [Medline abstract]
- The NHS (UK) Research and Development Centre for Evidence-Based Medicine
 - Tools and Terminology
 - Glossary of Terms
 - What's a CAT? (Critically-appraised topic)
 - Specific tools, such as Number Needed to Treat and Likelihood Ratios
- Faculty of Medicine and Oral Sciences, University of Alberta
 - The EBM Toolkit
 - clinical epidemiology definitions
 - Medline definitions list
- Zynx Health
 - A subsidiary of Cedars Sinai Health System in Los Angeles, California, offers a commercial set of web based evidence based medicine tools for disease management, clinical guidelines, patient safety, health caremanagement, and tools to reduce medication errors for health care organizations, hospitals, and medical practitioners.

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Evidence-Based Medicine Databases and Directories

Databases

- [National Institute of Child Health and Human Development Cochrane Neonatal Collaborative Review Group](#); complete listing of systematic reviews (full-text)
- [Database of Abstracts of Reviews of Effectiveness \(DARE\)](#) from the [NHS Centre for Reviews and Dissemination](#).
- [Abstracts of Cochrane Reviews](#), sorted by Review Groups, from [The Australasian Cochrane Center](#)
- [TRIP Database](#): a searchable database of evidence-based medicine sources on the net, from [CeReS \(Center for Research Support\)](#) 
- [National Guideline Clearinghouse](#); evidence-based guideline collection - a joint effort of the [Agency for Health Care Policy and Research \(AHCPR\)](#), [American Medical Association \(AMA\)](#), and [American Association of Health Plans \(AAHP\)](#).
- [Primary Care Clinical Practice Guidelines](#) on the web. Compiled by Peter Sam. [UCSF](#)

Directories

- [SUMSearch](#) is a "meta-search" engine for evidence-based medicine resources. It searches multiple online databases and returns a customized list - that can be further refined - of retrievable documents. From the [University of Texas Health Science Center at San Antonio](#)
- [Evidence-Based Health Care Resources on the Internet](#), from [University of Rochester Medical Center Edward G. Miner Library](#)
- [Evidence-based medicine and the Internet](#). Hersh W. *ACP Journal Club* 1996 July/Aug; 125: A14-16. (full-text editorial)
- [Evidence Based Health Care](#); a succinct compilation of resources, including [EB Health Care Databases on the web](#) and [Finding the Best Clinical Literature](#), a guide to MEDLINE search strategies. From [HealthWeb](#)
- A [bibliography](#) of references on evidence-based medicine
- a searchable database of evidence-based medicine sources on the net, from [CeReS \(Center for Research Support\)](#)
- [Evidence Based Medicine Italian Group](#), with an

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Medline Search Strategies

- [SUMSearch](#) is a "meta-search" engine for evidence-based medicine resources. It searches multiple online databases and returns a customized list - that can be further refined - of retrievable documents. From the [University of Texas Health Science Center at San Antonio](#)
- [Strategies for Searching the Medical Literature](#) from the [The Evidence-Based Medicine Informatics Project](#) at McMaster University (available from [Canadian Centres for Health Evidence](#))
- [Beyond ACP Journal Club - How to harness MEDLINE for review articles](#). McKibbin, K. A. et al. ACP J Club 1996 May/June; 124: A12-13. (full-text editorial)
- [Medline definitions list](#) from the Faculty of Medicine and Oral Sciences, University of Alberta
- [Making your database search easier](#) from Andre Tomlin at Oxford
- [Applying Clinical Search Features](#), a guide to MEDLINE search strategies. From [Evidence Based Health Care](#) of the [Library of the Health Sciences-Peoria, University of Illinois at Chicago](#), and [HealthWeb](#).

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Pediatric and General Online Journal Clubs, Teaching Resources & Tutorials

Online Journal Clubs and Critically Appraised Topic "Banks"

Pediatric-specific Resources

- Phillips RS. Accessing electronic information for clinical decisions Arch Dis Child 2000; 83: 373-374. [full-text for subscribers]
- [Pediatric Evidence Based Medicine](#), includes a

EBM Databases

MEDLINE Search Strategies

Pediatric and General Online Journal Clubs

Teaching Resources &

Tutorials

growing collection of Critically Appraised Topics, from University of Washington and Harborview Injury Prevention and Research Center

- Pediatría Basada en la Evidencia; Pediatric Evidence Based Medicine; an excellent and comprehensive Spanish language resource.
- The PedsCCM Evidence-Based Journal Club: Peer-reviewed critical analyses of clinical trials pertinent to pediatric critical care medicine
- Evidence Based Pediatrics Critically Appraised Topics, from the University of Michigan Health System's Department of Pediatrics and Communicable Diseases
- Pediatric Critically Appraised Topics, from the combined program in Internal Medicine and Pediatrics offered by the Departments of Medicine and Pediatrics at the University of Rochester
- Cochrane Neonatal Review Group

General journal clubs

- Critically Appraised Topics: examples of evidence-based medicine analyses, from the Southwestern Ontario Regional Health Science Network
- BioMedNet (registration fee required)
- Evidence-Based Clinical Practice Guidelines, by K. Moores, from MedScape
- Journal Club on the Web
- POEM's: Patient Oriented Evidence that Matters, from the Journal of Family Practice
- Critique et Pratique, critical appraisals. From Laval University Family Medicine Department, in French.
- Critical Care Journal Club, from The American Thoracic Society

Other Resources for Teaching EBM

- CAT-Maker Software developed at the Centre for Evidence Based Medicine in Oxford to produce critically appraised topics (CATs) by Douglas Badenoch.
- Centre for Evidence Based Medicine A range of teaching materials including scenarios and checklists.
- Centre for Evidence Based Mental Health This site has examples of mental health scenarios to be used in critical appraisal workshops.
- EBM Toolbox from the University of Alberta. Not to be confused with the Centre for Evidence Based Medicine's resource of the same name, this is a Canadian based collection of resources to support EBM.
- Evidence Calculator for Therapeutic Decisions; from B

Online Tutorials

- [WISDOM Seminars on Evidence-based practice](#); from [The WISDOM Centre of UK's NHS](#). (EB Resources)
- [Emergency Medicine-Ambulatory Care \(EMAC\) at Emory University: Evidence Based Medicine](#)
- [Clinical Epidemiology for Effective Clinical Practice](#), from [IntensiveCare.com](#) Updated
- [SUNY Health Sciences Evidence Based Medicine Course](#) (server temporarily not responding)
- [An Introduction to Information Mastery](#), from [Michigan State University](#)
- [Introduction to Evidence-based Medicine](#), from Duke University and the University of North Carolina.

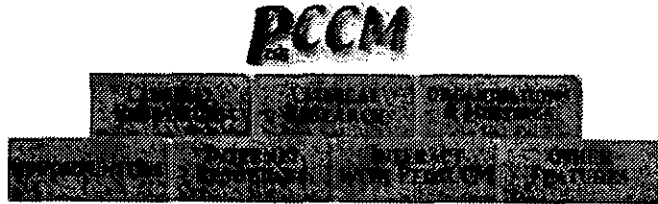
Courses for Learning EBM & How to Teach EBM

- [Workshop on How to Teach Evidence Based Medicine at McMaster University](#) Department of Clinical Epidemiology and Biostatistics have assembled sets of readings dealing with evidence-based medicine and critical appraisal issues in therapy, diagnosis, prognosis, harm, overviews and economic analysis. A similar workshop is held at [Oxford University](#) and they post a [Calendar of Events](#) on the WWW.
- [Critical Appraisal Skills Programme \(CASP\)](#)
CASP is an international project that aims to help health service decision makers develop skills in the critical appraisal of evidence about effectiveness, in order to promote the delivery of evidence-based health care.
- [CAMS - Critical Appraisal for Medical Students](#)
CAMS is a student-led group dedicated to provide exciting opportunities to develop the skills of applying papers to patients.
- [North Thames Research Appraisal Group](#). This regional initiative runs a series of training courses designed to equip clinical staff with the skills required to find and to appraise the evidence.
- [How to find the evidence](#); a self-directed web course on locating research evidence for translation into practice. From [South and West Health Care Libraries, University of Southampton](#)

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