

# Introduction to Evidence Based Medicine

Course guide: [http://www.mcgill.ca/library/library-findinfo/courses/guides/ebm\\_intro/](http://www.mcgill.ca/library/library-findinfo/courses/guides/ebm_intro/)

Mobile resource guide: <http://m.library.mcgill.ca/healthsciguide/>

## Summary of resources for the workshop

EBM Resource	Content	Use
<b>Filtered</b>		
<b>ACP PIER</b>	Disease-organized series of modules containing sections on prevention, screening, diagnosis, consultations for diagnosis, hospitalization, non-drug therapy, drug therapy, patient education, consultation for management, and follow-up.	Decision-support tool designed for rapid point-of-care delivery of current evidence. Also contains a drug resource, Designed for general practitioners and internists.
<b>Cochrane Library:</b> <ul style="list-style-type: none"> <li>• <b>Cochrane Database of Systematic Reviews</b></li> <li>• <b>DARE (Database of Review of Effects)</b></li> </ul>	4000+ systematic reviews from the Cochrane Collaboration, and 9000 critical appraisals of systematic reviews from DARE.	For locating high quality, well-documented systematic reviews and appraisals of systematic reviews
<b>DynaMed</b>	Clinically-organized summaries on more than 3000 topics. DynaMed is updated daily and new evidence is integrated with existing content and conclusions are changed as appropriate.	For finding the most updated answers for clinical questions on diagnosis, treatment, prognosis and etiology.
<b>Essential Evidence Plus</b>	Highly structured, referenced summaries of the evidence on specific conditions. Also appraisals of individual studies relevant to clinical care (POEMs)	For evidence-based answers to questions on diagnosis, treatment, and prognosis. For locating appraisals of systematic reviews, or for finding references for systematic reviews.
<b>PubMed Clinical Queries</b>	Medline filters for retrieving methodologically sound studies. Filters created for therapy, diagnosis, prognosis, and etiology	For locating evidence-based studies from MEDLINE database. Works best with therapy questions
<b>UpToDate</b>	Concise, peer-reviewed and fully references topical summaries, mostly in internal medicine and its subspecialties, focusing on diagnosis and treatment.	For high quality peer-reviewed answers to specific clinical questions.
<b>Individual Studies</b>		
<b>Ovid MEDLINE / PubMed</b>	Biomedical database containing references to cohort studies, RCTs, and other research studies	For locating individual studies

## Citing the Evidence

Many evidence resources are in unusual formats not covered by the *Uniform Requirements for Manuscripts Submitted to Biomedical Journals* (Vancouver Style). In these instances, we suggest following the closest approximation possible and including all relevant information in the reference. Suggestions of specific citation formats are offered below.

### Citing a section of **ACP PIER**

Cite an entry from ACP's PIER using the authors listed at the end of the module under the heading "Contributors." Use the date listed under "Status": Module Updated as the date of publication.

e.g. Kinsinger L, Harris R. Chemoprevention of Breast Cancer. ACP's PIER: Physicians' Information and Education Resource 2005 March 1 [cited Apr 18 2005]. URL: <http://online.statref.com/document.aspx?fxid=50docid=2874>.

### Citing a **Clinical Practice Guideline**:

If the CPG appears in a journal, it is cited as a journal article. If it published independently, follow the format of a book, using the organization as author if no author is specified.

e.g. Diabetes Coalition of California, California Diabetes Prevention and Control Program. Basic guidelines for diabetes care. Sacramento (CA): California Diabetes Prevention and Control Program, Department of Health Services; 2003. 26 p.

### Citing a review from the **Cochrane Database of Systematic Reviews**:

[Authors]. [Title] (Cochrane Review). In: The Cochrane Library, Issue [number], [year]. Chichester, UK: John Wiley & Sons, Ltd.

e.g. Linde K, Jobst K, Panton J. Acupuncture for chronic asthma (Cochrane Review). In: The Cochrane Library, Issue 4, 2001. Chichester, UK: John Wiley & Sons, Ltd.

### Citing a specific record in **DynaMed**

DynaMed content is available via multiple formats, including Internet browsing, mobile browsing and direct access from electronic health records. For simplicity, cite the Internet version of DynaMed.

e.g. DynaMed [Internet]. Ipswich (MA): EBSCO Publishing. 1995 – .Record No. 113862, Acetaminophen poisoning; [updated 2010 Mar 09; cited 2010 Mar 23]; [about 24 screens]. Available from <http://search.ebscohost.com/login.aspx?direct=true&site=DynaMed&id=113862>. Registration and login required.

### Citing a POEM from **Essential Evidence Plus**:

e.g. Topical NSAIDs of small benefit for corneal abrasion (POEM). In: Essential Evidence Plus, 2004. Wiley Interscience.

### Citing a review from DARE (Database of Abstracts of Reviews of Effects):

e.g. Centre for Reviews and Dissemination. The nursing management of fever in children: a systematic review (DARE Review Document 282830). In: DARE, 2005. University of York: NHS Centre for Reviews and Dissemination.

Cite the **UpToDate** topic review as a chapter in a book titled UpToDate, edited by Burton D. Rose, published by UpToDate in Wellesley, MA.

As an online service, there are no page numbers to cite. Since UpToDate is released every four months, each topic review will appear (i.e., be published) in each released issue, so the publication year for any topic review should be the current year.

e.g. Marion, DW. Diaphragmatic pacing. In: UpToDate, Rose, BD (Ed), UpToDate, Wellesley, MA, 2005.