

GETTING STARTED

Large databases such as MEDLINE will give you access to the primary literature. Secondary resources such as UpToDate, eBooks, InfoRetriever/ InfoPOEMS, PubMed's Clinical Queries will provide you with an assessment of the original study/studies. The Cochrane Library available through Ovid provides access to systematic reviews which help to summarize the results from a number of studies.

The resources listed below are all available through the **UAMS Library's** web site, <http://www.library.uams.edu>, under "**eResources**" or "**Clinical Resources**", unless otherwise noted.

EVALUATIVE RESOURCES***EBM Reviews (Ovid)***

EBM Reviews databases can be searched one at a time, or grouped together. Use the **Change Databases** option on the Ovid main search screen to change your selection.

➤ ***Cochrane Database of Systematic Reviews***

Cochrane Collaboration's systematic reviews of therapeutic interventions. For more information about the Cochrane Collaboration, visit <http://www.cochrane.org>.

Quick Tips:

1. Use keywords in your search statement. Consider synonyms or variant spellings. Combine synonyms using **OR**. Use truncation symbol, \$, to search singular/plural or other variations on a word stem.
2. Limit your search to **Systematic Reviews**.
3. Use the **Browse Topics** option to view work of a specific Cochrane Group.

➤ ***DARE: Database of Abstracts of Reviews of Effectiveness***

Brief critical assessments of published systematic reviews. Complements *Cochrane Database of Systematic Reviews*.

Quick Tips:

1. Use keywords in your search statement. Consider synonyms or variant spellings. Combine synonyms using **OR**. Use truncation symbol, \$, to search singular/plural or variations on a word stem.
2. Limit search to **Diagnosis, Prevention, or Treatment** as appropriate.

➤ ***ACP Journal Club***

Reviews of individual articles published in a core selection of clinical journals.

Quick Tips:

1. Use keywords in your search statement. Consider synonyms or variant spellings. Combine synonyms using **OR**. Use truncation symbol, \$, to search singular/plural or variations on a word stem.
2. Limit search to **Therapeutics, Diagnosis, Prognosis, Etiology, or EBM Trends** as appropriate.

➤ ***Cochrane Central Register of Controlled Trials***

Bibliographic database of definitive randomized controlled trials or controlled clinical trials.

Quick Tip:

Use keywords in your search statement. Consider synonyms or variant spellings. Combine synonyms using **OR**. Use truncation symbol, \$, to search singular/plural or variations on a word stem.

National Guideline Clearinghouse

<http://www.ngc.gov>

Comprehensive database of evidence-based clinical practice guidelines and related documents. Structured summaries with links to full-text guideline when available. A collaborative initiative by AHRQ, AMA, and AAHP

JOURNAL LITERATURE

Ovid MEDLINE or PubMed

Both resources provide access to the National Library of Medicine's MEDLINE database, with citations and abstracts from more than 4600 biomedical journals published in the United States and 70 other countries, dating back to the mid 1960s. Both provide links to full text articles when available.

Quick Tips:

1. Use **Limit** options to focus your search results. (**Publication Type**=Consensus Development Conference, Controlled Clinical Trial, Multicenter Study, Meta-Analysis, Practice Guideline, Randomized Controlled Trial, etc.; or **Clinical Queries**=Therapy, Diagnosis, Prognosis, Etiology, Clinical Prediction Guides, etc.).
2. In PubMed, **Clinical Queries** has its own separate section under "PubMed Services". Also, for a complete list of available **Publication Types**, use the "Preview/Index" tab to view the index.
3. In Ovid MEDLINE search results only, if an article is included in a Cochrane review, you will see a "Topic Review" link; if an article has been reviewed in DARE or ACP Journal Club, you will see an "Article Review" link.

Other Meta-Analysis Tools

InfoRetriever/InfoPOEMs

Concise, evidence-based clinical information from a variety of resources. Includes Cochrane abstracts, decision support tools, diagnostic calculators, full content of Griffith's 5MCC, and more. [PDA download](#) available.

UpToDate Available on UAMS, AHEC, and ACH campuses only.

Expert reviews of published evidence with recommendations for patient care. Includes Lexi-Interact drug interactions analysis tool.

TUTORIALS

Users' Guides to the Medical Literature

<http://www.cche.net/usersguides/main.asp>

Clinical scenarios, how to find and distinguish between strong and weak evidence, how to critically appraise the best evidence, and how to apply evidence to individual patient. Sections on therapy, harm, diagnosis, and prognosis. See also: Guyatt, G. & Drummond, R. (2002). *Users' Guides to the Medical Literature: Essentials of Evidence-Based Clinical Practice*. Chicago, IL: AMA Press. **UAMS Books WB 102 Us2 2002**

Introduction to Evidence-based Medicine (UNC-CH/Duke University Medical Center)

<http://www.hsl.unc.edu/services/tutorials/ebm/welcome.htm>