

EVIDENCE BASED MEDICINE

I. EBM WEB BASED RESOURCES

Primary Data Sources:

PubMed <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi>

- National Library of Medicine site for searching MEDLINE for journal articles; allows for refining search by limiting to type and year of publication, author, language, etc.
- Quality/quantity of results depend in part on the wording of the inquiry; best results obtained by sitting with your medical librarian
- FREE

SUMSearch <http://sumsearch.uthscsa.edu/>

- The sum of searches" is a very useful site that searches for original articles (PubMed), reviews (PubMed), Cochrane reviews, and guidelines from the National Guideline Clearinghouse
- Simple search screen with simultaneous display of search terms including hints for improving search (provides you with synonymous MeSH terms); also "focus filters" for intervention, diagnosis, PE findings, screening/prevention, prognosis, etiology/causation, adverse Tx effects
- FREE

Google Scholar <http://scholar.google.com/>

- Enables you to search specifically for scholarly literature, including peer-reviewed papers
- Orders your search results by how relevant they are to your query.
- Ranking takes into account the full text of each article as well as the article's author, the publication in which the article appeared and how often it has been cited in scholarly literature.
- FREE

Medline Plus <http://medlineplus.gov/>

- Sponsored by NIH and National Library of Medicine
- Excellent source of patient information (currently in English and Spanish) for disease, conditions, "wellness", medications, medical dictionary, medical news, sources of health care
- FREE

Data Interpretation: University of Alberta EBM <http://www.med.ualberta.ca/ebm/ebm.htm>

- This is a collection of tools for identifying, assessing and applying relevant evidence for better health care decision-making.
- Tools are adapted from the Users' Guides series prepared by the Evidence Based Medicine Working Group and originally published in JAMA.
- FREE

University of Toronto EBM <http://www.cebm.utoronto.ca/>

- Department of Medicine Toronto General Hospital
- Develops, disseminates, and evaluates resources that can be used to practice and teach EBM for undergraduate, postgraduate and continuing education for health care professionals from a variety of clinical disciplines.
- FREE

New York Academy of Medicine <http://www.ebmny.org/journal.html>

- The New York Academy of Medicine in partnership with the Evidence-based Medicine Committee of the American College of Physicians, New York Chapter has received a grant from the National Institutes of Health to develop an Evidence-based Medicine Resource Center.
- Hundreds of useful links
- FREE

Synthesized EBM Interpretation & Data:

Bandolier <http://www.jr2.ox.ac.uk/bandolier/>

- An independent journal about evidence-based healthcare, written by Oxford scientists, (RAM AND HJM) was printed in February 1994.
- The premier source of evidence based healthcare information in the UK.
- FREE online database

ACP Journal Club <http://www.acpjc.org/>

- General purpose is to select from the biomedical literature articles that report original studies and systematic reviews that warrant immediate attention by physicians attempting to keep pace with important advances in internal medicine.
- Articles are summarized in value-added abstracts and commented on by clinical experts.
- Need ACP membership for full text

PIER (Patient Information and Education Resource) <http://pier.acponline.org/index.html?hp>

- Rigorously evidence based
- Excellent resource for screening/prevention, complimentary/alternative medicine, ethical/legal issues, procedures and medications.
- FREE to members of ACP

Society of General Internal Medicine <http://www.sgim.org/tools.cfm>

- EBM resources and calculators
- The full text of the JAMA series the Rational Clinical Exam
- <http://www.sgim.org/clinexam.cfm#RCE>
- FREE

UpToDate <http://www.uptodate.com>

- An "e-textbook" that is maintained and updated by chapter authors; on-line version is continuously updated
- Goal of UpToDate is to provide a practical clinical resource for busy clinicians; summary and recommendations provided for each topic
- Evidence-based, weighting sources by quality filters
- Quality of chapters vary, rigor of evidence varies
- Special section devoted to evidence-based patient information
- NOT FREE

US Preventive Services Task Force (USPSTF) <http://www.ahrq.gov/clinic/uspstfix.htm>

- Evidence-based site managed by AHRQ and US Department of HHS, with focus on all aspects of preventive care (screening, counseling, therapeutic modalities)
- Format is systematic review (sometimes with meta-analysis, sometimes including cost analysis) including clear summary recommendations each with an evidence/quality ranking, details of evidence all available by link
- Includes recommendations by other major organizations
- The premier reference site for preventive care
- FREE

ZYNX Health <https://www.zynx.com/zynxprd/home.asp>

- Evidence-based site managed by private company ZYNX
- Geared toward hospital systems to track quality, cost and patient safety
- Excellent source of up to date evidence (quality rated) for conditions that have been reviewed

National Guideline Clearinghouse <http://www.guideline.gov>

- Resource for evidence-based clinical practice guidelines.
- An initiative of the Agency for Healthcare Research and Quality (AHRQ), U.S. Department of Health and Human Services.
- Originally created by AHRQ in partnership with the American Medical Association and the American Association of Health Plans.
- Includes United States Preventive Services Task Force (USPSTF) recommendations for prevention and screening.

II. SELECTED PRACTICE GUIDELINES

UCLA Chest Pain and Acute Coronary Syndrome Guidelines http://medres.med.ucla.edu/useful_links/chest_pain_guidline.pdf

Hypertension

Seventh Report of the Joint National Committee (JNC 7) on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure.

- A special version of the updated clinical practice guidelines for hypertension is written for the busy Primary Care Clinician: <http://www.nhlbi.nih.gov/guidelines/hypertension/jncintro.htm>
- Available to UCLA providers (on Mednet Home page) because UCLA Healthcare is a member of the University Health Consortium

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