Search basic, advanced in medical databases

Why Search?

- Searching Skills are necessity for all clinicians who want to stay up to up to date with best practice
- Physicians need to know where and how to find the best evidence
 - 1999 32000 medical journals
 - currently 400000 articles are added to the biomedical literature each year
 - Open access resource Biomed Central (www.biomedcentral.com), 190 Peer-reviewed journal

Aim

 Search Skills is to show you the tools for finding the best available evidence faster and more efficiently

Where to Start

The essentials of Searching the literature

Formulate your Question PICO

Clinical Queries
PubMed

Combine Search Term AND/OR/NEAR, etc

Free text Searching
Search for term n titles and
abstracts authors

Thesaurus Searching
Search by subject headings to
focus your search

Where to start Ask yourself

- How much time do I have, e.g. 5 minutes or 1 hour?
- What type of publication am I looking for, e.g. a guideline or a systematic review?
- Is my query about a specific topic, e.g. drug or safety information?

- How much time do I have?
 - Quick search (5min)
 - Intermediate search (1 hour)
 - Comprehensive search
- What type of publication am I looking for?
 - Is my query about a specific topic?

How much time do I have?

Quick Search (5min)

- PubMed Clinical Queries
 - <u>www.pubmed.go</u>
 Click on Clinical Queries
- Secondary Sources
 - Clinical guidelines <u>www.nice.org.uk</u>
 - **►** EBM summaries <u>www.ebm.bmj.com</u>
 - Subject gateways <u>www.tripdatabase.com</u>
 - Systematic reviews <u>www.cochrane.org</u>
 - The Internet (World Wide Web)
 - Search engines , e.g. www.google.co.uk

Intermediate Search (1hour)

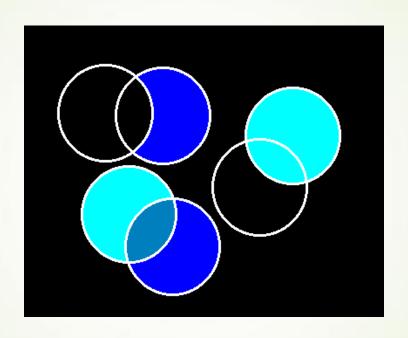
- Secondary Sources
 - Clinical guidelines <u>www.nice.org.uk</u>
 - ► EBM summaries <u>www.ebm.bmj.com</u>
 - Subject gateways <u>www.tripdatabase.com</u>
 - Systematic reviews <u>www.cochrane.org</u>
- PubMed ____www.pubmed.gov
- Systematic search using other healthcare databases
 - CINAHL
 - **■** EMBASE

Comprehensive Search

- Secondary Sources
 - Clinical guidelines
 - Systematic reviews (from Cochrane, PubMed)
- Systematic search using other healthcare databases
 - -/MEDLINE
 - **CINAHL**
 - EMBASE
 - Citation Pearl Searching

Boolean Search

Boolean operators



AND - OR - NOT

Boolean operator

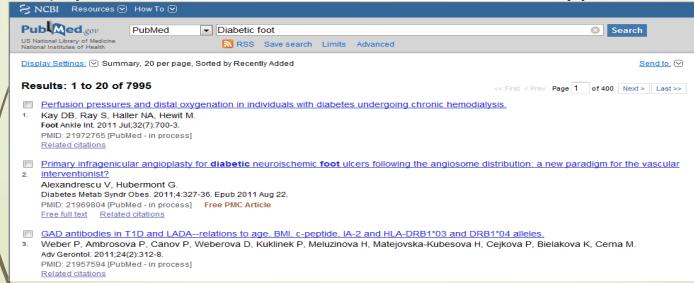
- Combined search terms using "AND", "OR", "NOT"
- Helps you retrieve more result (OR) or less (AND, NOT)

Boolean Operator: AND

 Combines two or more search words or phrases together

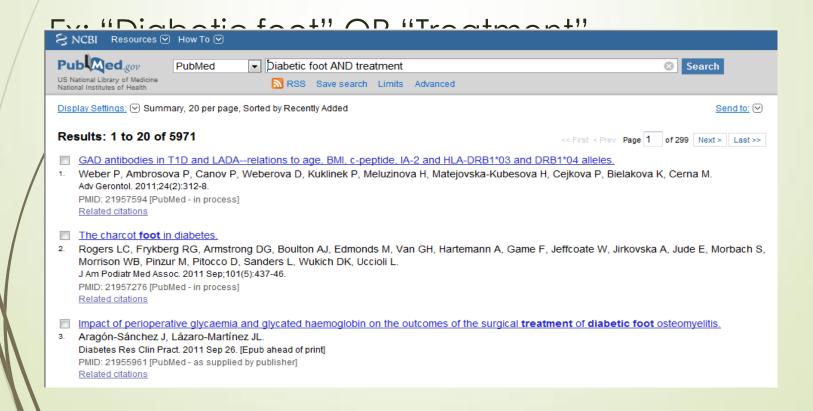
Ex: "Diabetic foot" AND "Treatment"

Only retrieves documents containing both terms!



Boolean Operator: OR

Tells the search engine that either or both of your search terms can appear in your results.



Boolean Operator: NOT

Tells the search engine that you do not want the word after the "NOT" operator to appear in the results of your search.

Ex: "Diabetic foot" NOT "Treatment"

Exact Phrases

- Truncation (backpack*)
- Clinical queries (Etiology, Diagnosis, Prognosis and Therapy)
- Search/Limit

Bibliographic Sources

پایگاههای اطلاعاتی بزرگی هستند که اطلاعات مربوط به یک یا چند موضوع خاص را در خود دارند و اغلب مقالات Original چاپ می کنند و اطلاعات مربوط به مقالات مانند نام نویسنده، نام مجله، سال انتشارو ... در آنها یافت می شود. مانند یایگاه اطلاعاتی Medline و EMBASE

Value added

■ منابعی هستند که در آنها مقالات Original به صورت خاص خلاصه شده و یک نظریه راجع به آن موضوع توسط یک فرد صاحب نظر ارایه شده است. در مورد EBM نقد صورت می گیرد.

Information Sources Clinicians Use

- 1. Journals: general, specialized, and summary
- MEDLINE, EMBASE and/or other major database service(s)
- 3. Internet: search engines, directories, government sites, etc.
- 4. / Textbooks (slowly changing factual information)
- "Personal collection" to support routine activities(e.g., personal specialty reprint collection)

Finding The Evidence

- Bibliographic Databases
- Search Engines
- Evidence-Based Journals
- Evidence-Based Databases
- Evidence-Based Guidelines
- Textbooks and narrative reviews
- Expert opinions

Medline

- Produced by the National Library of Medicine (NLM), U.S.
- More than 18 million bibliographic citations to journal articles
- Close to 5000 journals indexed on Medline
- International contents (75% English, Abstract)
- 1/950-present

Access to Medline via PubMed

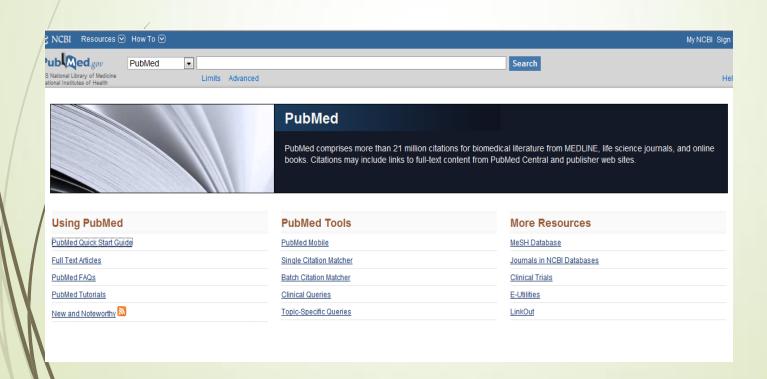
EMBASE (www.embase.com)

over 24 million indexed records and more than
 7,500 current, mostly peer-reviewed journals,
 Embase quickly and accurately delivers the
 biomedical answers you need

Access to Embase via Ovid Database

PubMed

- www.pubmed.gov
- http://www.ncbi.nlm.nih.gov/pubmed



PubMed

- PubMed <u>comprises</u> over 21 million citations for biomedical literature from <u>MEDLINE</u>, life science journals, and online books.
- PubMed citations and abstracts include the fields of medicine, nursing, dentistry,
 veterinary medicine, the health care system, and preclinical sciences.
- PubMed also provides access to additional relevant web sites and links to the other
 NCBI molecular biology resources.
- PubMed is a free resource that is developed and maintained by the National Center for Biotechnology Information (NCBI), at the U.S. National Library of Medicine (NLM), located at the National Institutes of Health (NIH).
- Publishers of journals can <u>submit</u> their citations to NCBI and then provide access to the full-text of articles at journal web sites using <u>LinkOut</u>.

PubMed Features

- Sophisticated search capabilities, including advanced search, and Special tools for searching clinical topics
- Assistance in finding search term using the MeSH, a guide to MEDLINE's controlled vocabulary
- Links to full-text articles
- Link to other NLM search systems, such as ClinicalTrials.gov,

 MedlinePlus and PubMed Central

Searching PubMed

- Simple Search
 - Search pubMed for an Author
 - Author and subject
 - Simple Subject Search
 - * Search for a journal
- Advanced Search
 - Search PubMed with MeSH
 - Clinical Queries

Search pubmed for an Author





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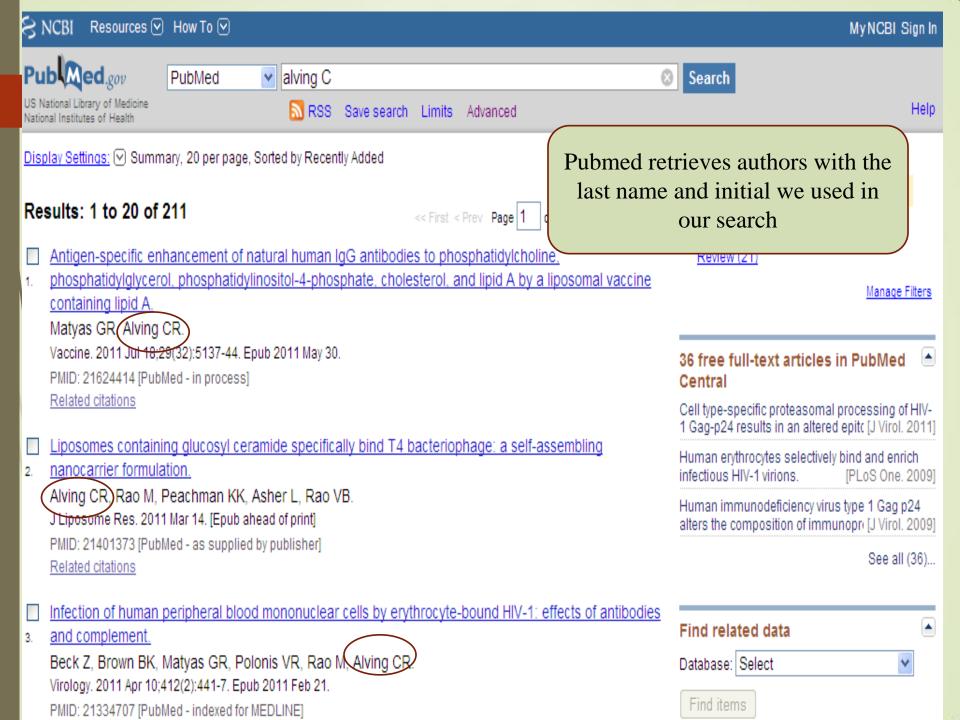
PubMed

To search for an author in pubmed, enter the author's last name and initials in the search box. use no punctuation.

PubMed comprises more than 21 million.

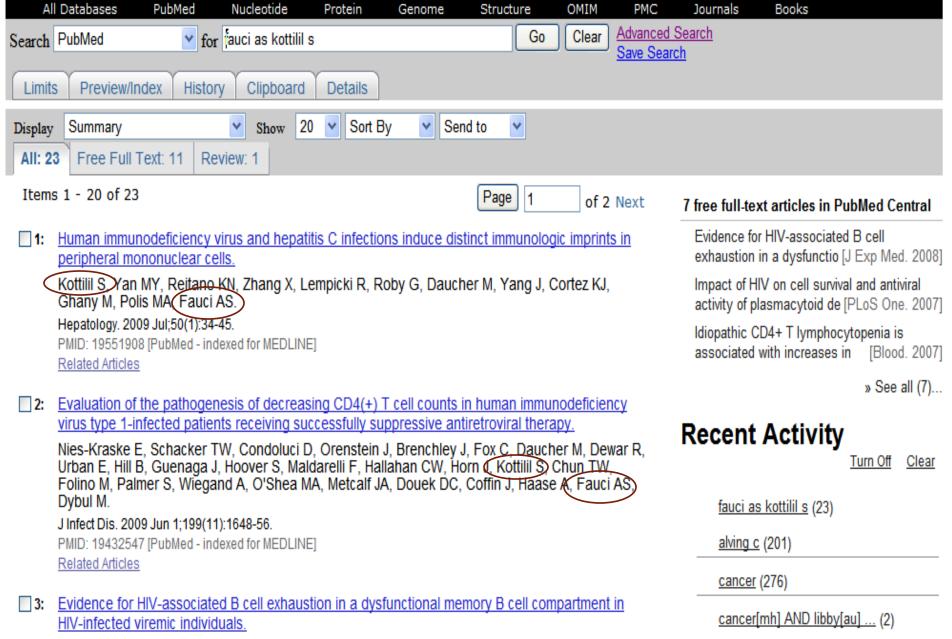
science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

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Genome

Structure

A case of colonization of a prosthetic mitral valve by Acremonium strictum. Guarro J, Del Palacio A, Gené J, Cano J, González CG.

Rev Iberoam Micol. 2009 Jun 30;26(2):146-8. PMID: 19631164 [PubMed - in process]

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In vitro antifungal susceptibility and molect [Antimicrob Agents Chemother. 2008]

Subcutaneous phaeohyphomycosis caused by Wallemia sebi in a [J Clin Microbiol. 2008]

Different virulence levels of the species of Sporothrix in a murine model.

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Access the latest research from Rapid Research Notes (RRN), a new archive of the National Library of Medicine. RRN provides permanent access to research shared through online resources for rapid scientific communication.



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NLM/NCBI H1N1 Flu Resources:

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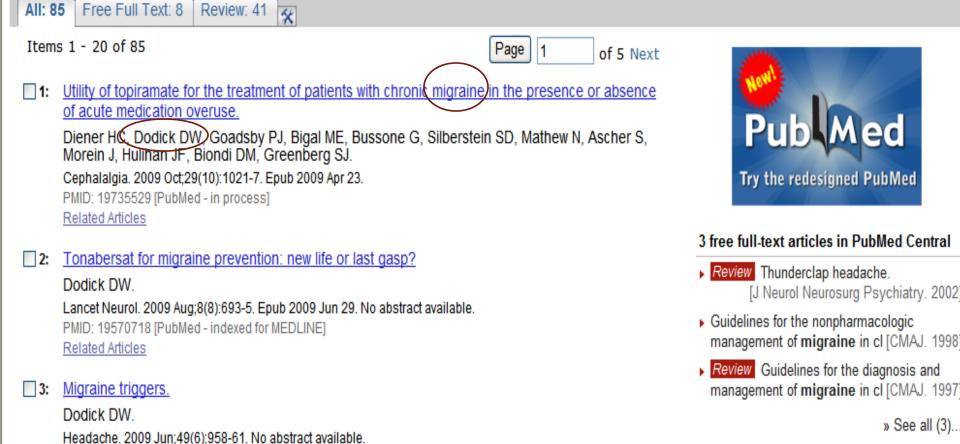
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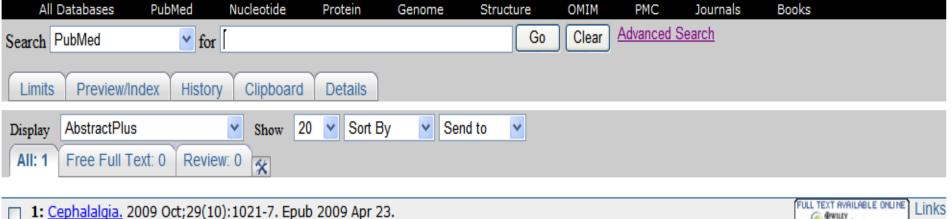
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Utility of topiramate for the treatment of patients with chronic migraine in the presence or absence of acute medication overuse.

Diener HC, Dodick DW, Goadsby PJ, Bigal ME, Bussone G, Silberstein SD, Mathew N, Ascher S, Morein J, Hulihan JF, Biondi DM, Greenberg SJ.

Department of Neurology, University of Duisburg-Essen, Hufelandstrasse 55, Essen 45122, Germany. h.diener@uni-essen.de

Chronic migraine has been linked to the excessive use of acute headache medications. Medication overuse (MO) is commonly considered the most significant risk factor for the progression of migraine from an episodic to a chronic condition. Managing MO is a challenge. Discontinuation of the acute medication can result in withdrawal headache, nausea, vomiting and sleep disturbances. This review summarizes the results from two similarly designed, randomized, placebo-controlled, multicentre studies of chronic migraine conducted in the USA and European Union. Both studies demonstrate the efficacy and safety of the migraine preventive medication, topiramate, for the treatment of chronic migraine in patient populations both with and without MO. These studies may have important implications for the future of chronic migraine management, suggesting that detoxification prior to initiating prophylactic therapy may not be required in all patients if MO is present

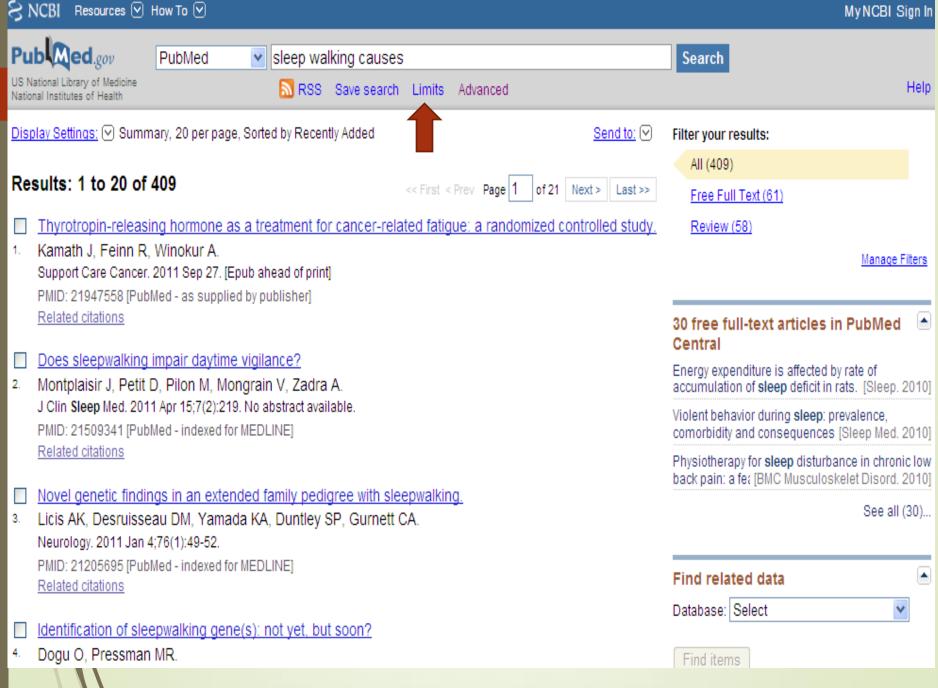


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- Topiramate reduces headache days in chronic migraine: a randomized, double-blind, placebo-control [Cephalalgia, 2007]
- Review Epidemiology, risk factors, and treatment of chronic
- migraine: a focus on topiramate. [Headache, 2008] Topiramate in patients with episodic migraine: reducing the
- risk for chronic forms of headache. [Headache, 2007]
- Efficacy and safety of topiramate for the treatment of chronic migraine: a randomized, double-blind, place [Headache, 2007]

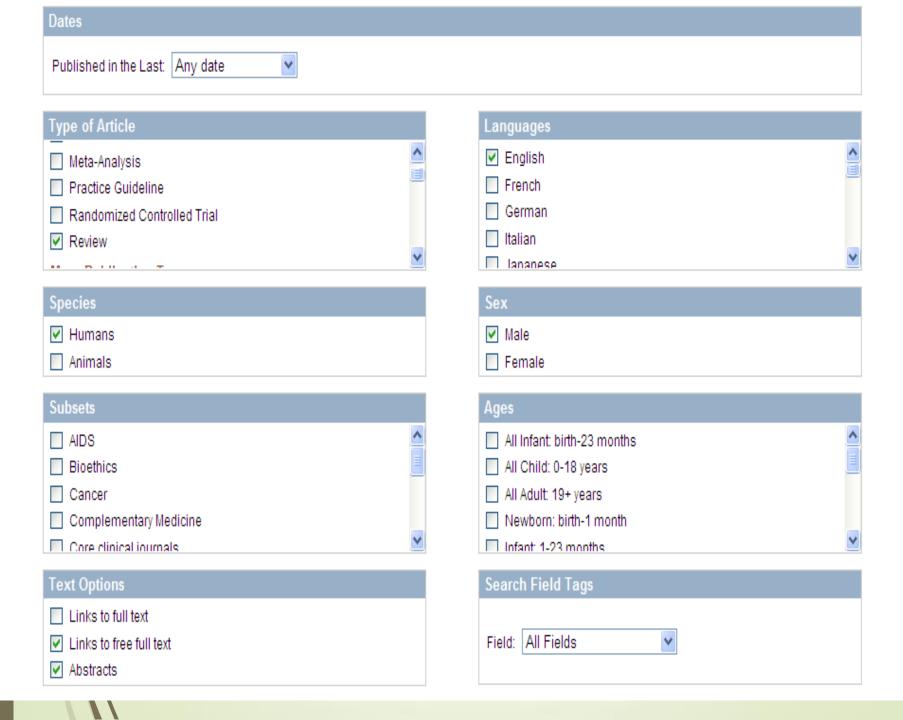
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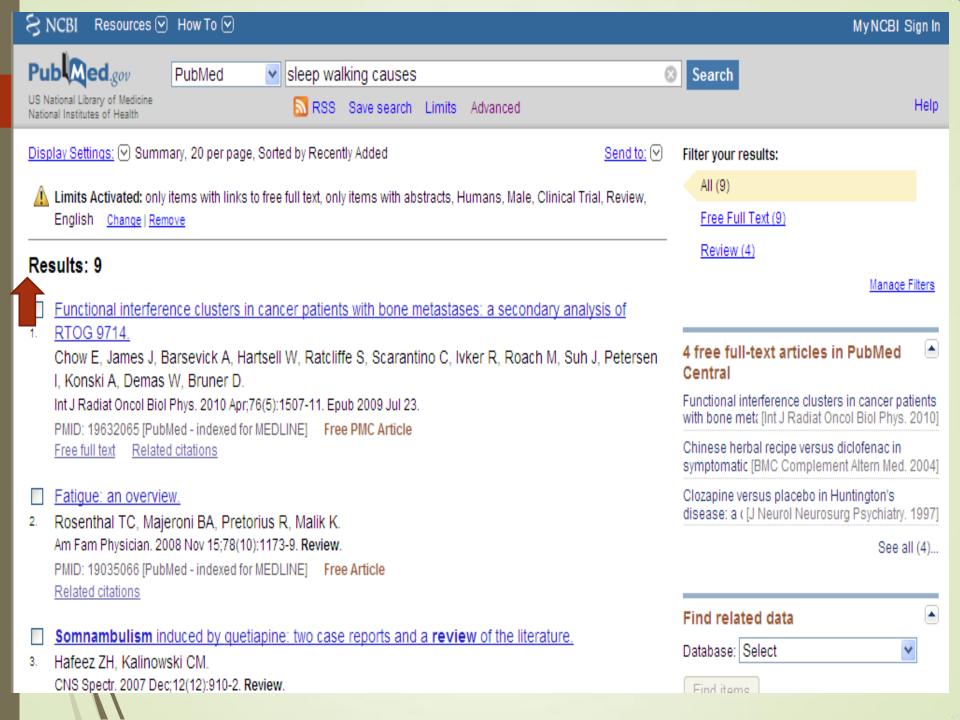




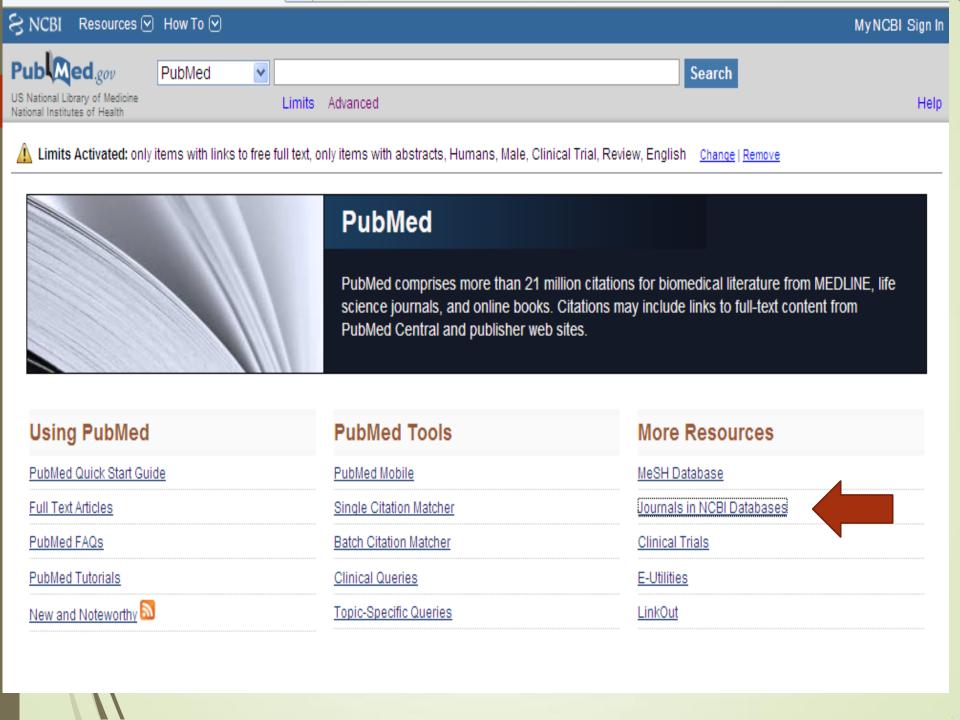
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Search for a Journal



NLM Catalog: Journals referenced in the NCBI Databases

Limit your NLM Catalog search to the subset of journals that are referenced in NCBI database records

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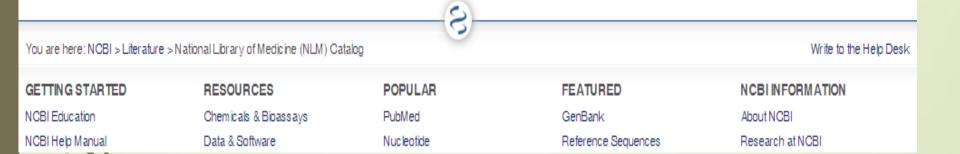
More Resources

Search NLM Catalog for the comprehensive set of NLM's collections (including Journals in the NCBI Databases.)

Browse MEDLINE Journals by broad subject terms

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Page

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* Items 1 - 20 of 63040

Aprepitant as an antipruritic agent?

Duval A. Dubertret L.

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Rickert J.

N Engl J Med. 2009 Oct 1;361(14):1413-4; author reply 1414-5. No abstract available.

PMID: 19797293 (PubMed - in process)

Rhabdomyolysis and acute kidney injury.

Basnayake K, Cockwell P, Hutchison CA.

N Engl J Med. 2009 Oct 1;361(14):1411-2; author reply 1412-3. No abstract available.

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Renal and retinal effects of enalapril and losartan in type 1 diabetes.

Tamsma JT



- Titles with your search terms Letter regarding article titled 'microembolism
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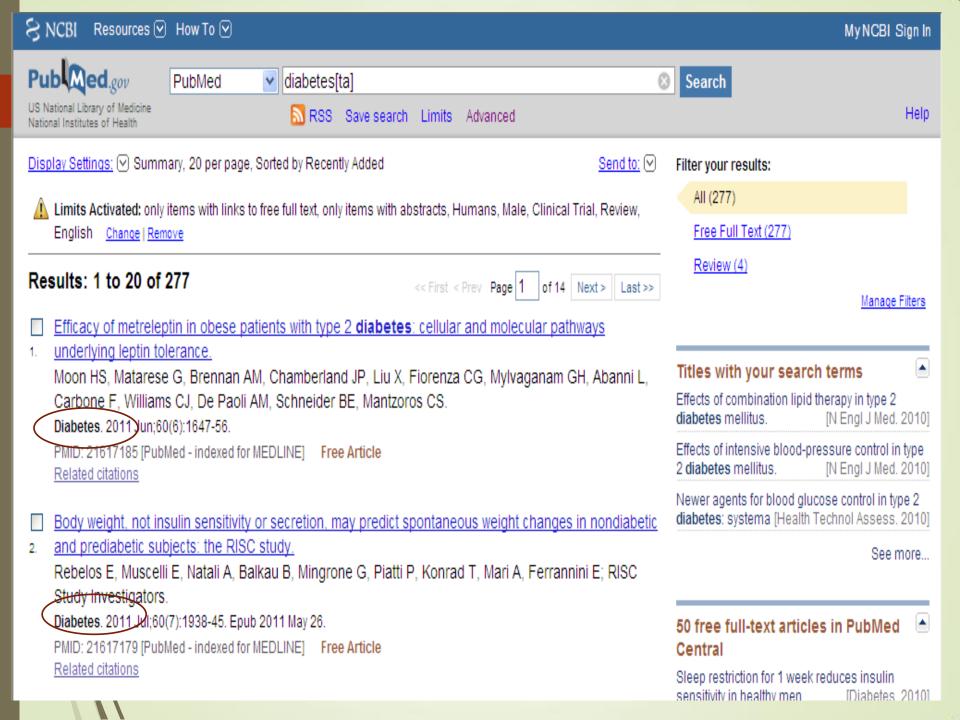
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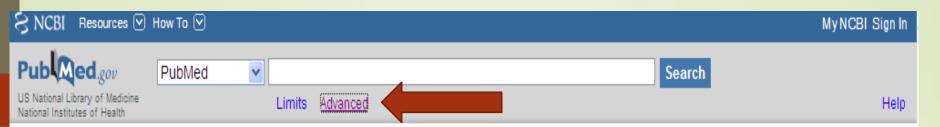
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Advanced Search





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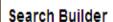


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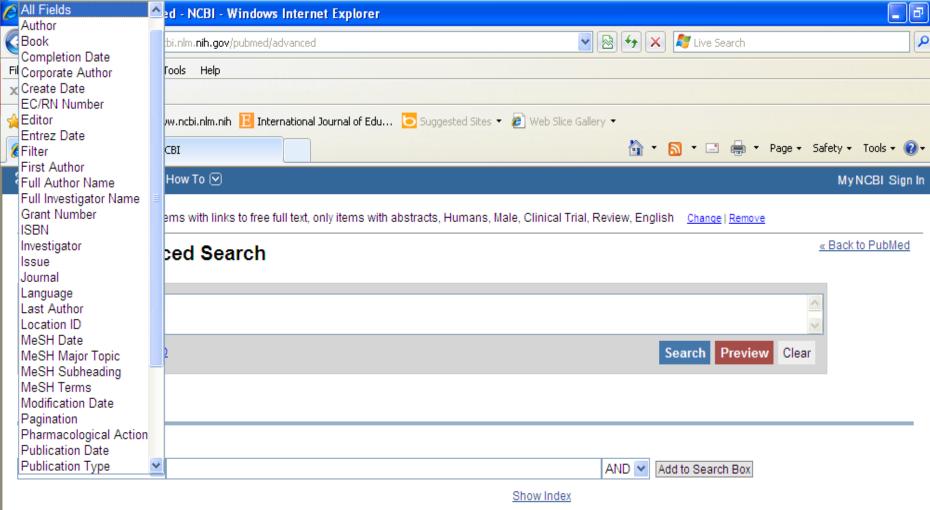


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Search History

Searc	n Most Recent Queries	Time	Result
<u>#1</u>	0 Search sleep walking causes Limits: only items with links to free full text, only items with abstracts, Humans, Male, Clinical Trial, Review, English	07:45:50	<u>9</u>
<u>#1</u>	13 Search diabetes[ta] Limits: only items with links to free full text, only items with abstracts, Humans, Male, Clinical Trial, Review, English	07:42:39	277
±	#9 Search sleep walking causes	07:31:31	409
±	#8 Search sleep walking cause	07:30:59	<u>46</u>
±	₹7 Search alving C	07:26:03	<u>211</u>



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Search	Most Recent Queries	Time	Result
<u>#10</u>	Search sleep walking causes Limits: only items with links to free full text, only items with abstracts, Humans, Male, Clinical Trial, Review, English	07:45:50	9
<u>#13</u>	Search diabetes[ta] Limits: only items with links to free full text, only items with abstracts, Humans, Male, Clinical Trial, Review, English	07:42:39	277
<u>#9</u>	Search sleep walking causes	07:31:31	409
<u>#8</u>	Search sleep walking cause	07:30:59	<u>46</u>

Searching with the MeSH Database

MeSH Features

- MeSH (Medical Subject Heading) containing over 25000 descriptors is updated annually
- Search Indexed for MEDLINE citations (92% of the PubMed database) using MeSH terms
- Limit searches to citations where the MeSH term is the major focus of the article
- Use subheading check boxes to build complex search strategies

Searching PubMed with MeSH

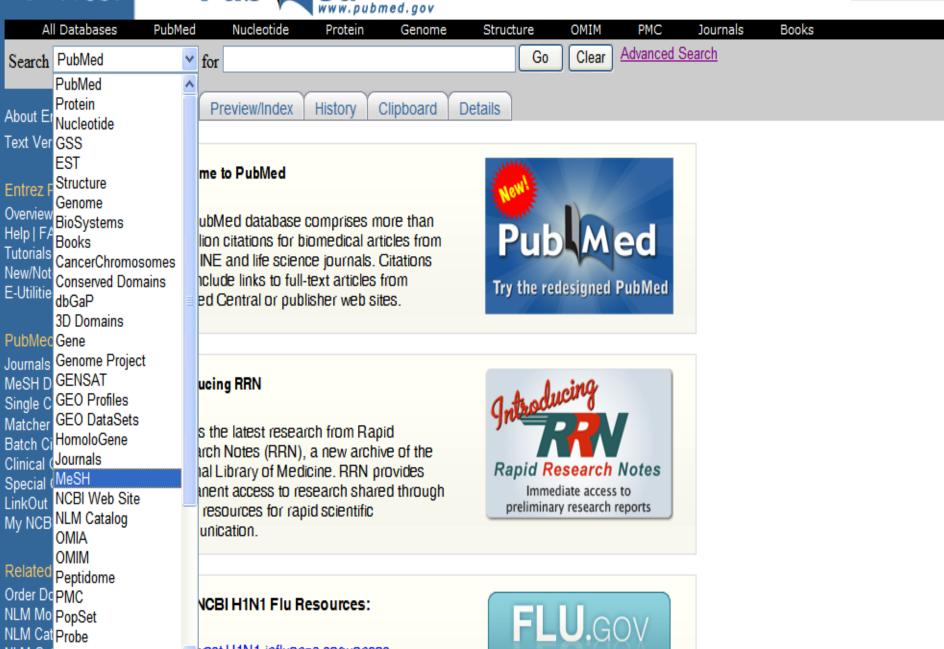
- Searching with the MeSH Database
- Combining MeSH term using the MeSH
 Database
- Applying subheading and other features using the MeSH Database

NLM Cat Probe

NLM Gal Protein Clusters

west H1N1 influenza sequences

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- Submit flu sequences to GenBank
- Latest H1N1 citations in PubMed
- MedlinePlus (consumer health information)
- Enviro-Health links

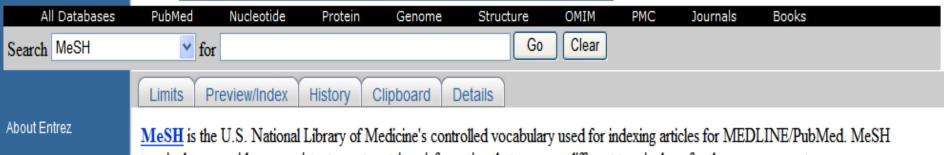


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MLM Cotologi

terminology provides a consistent way to retrieve information that may use different terminology for the same concepts.

Use the MeSH database to find Medical Subject Heading Terms and build a search strategy.

MeSH database tutorials:

- Searching with the MeSH Database Tour

 Quick
 Tour

 Tour
- Combining MeSH Terms Tour

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Applying Subheadings and other features of the MeSH Database

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This database can be used to find MeSH term for a pubmed search









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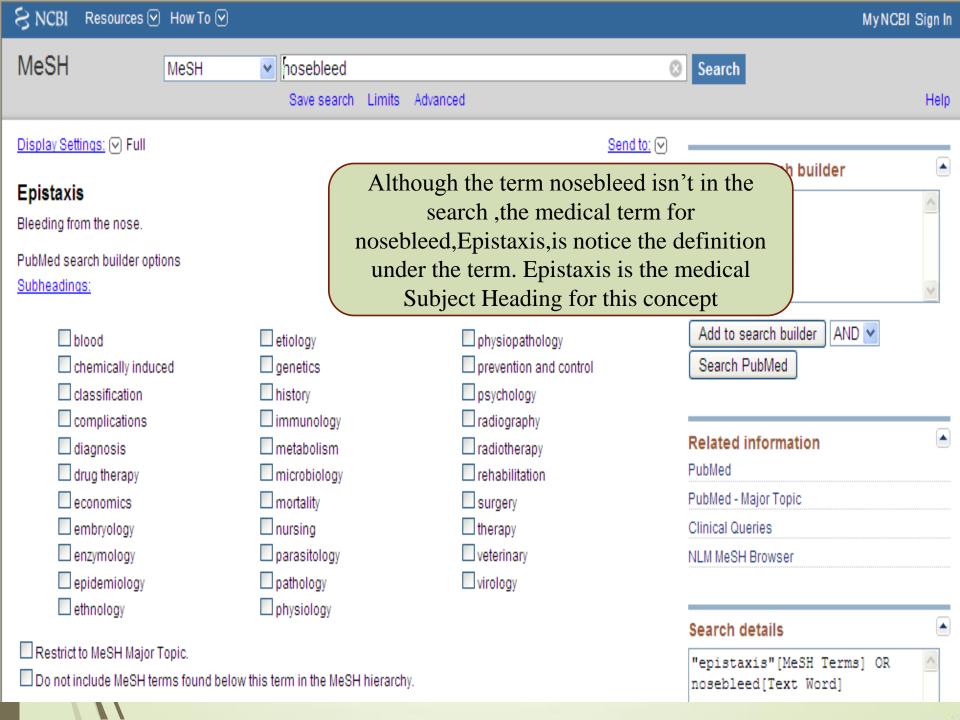
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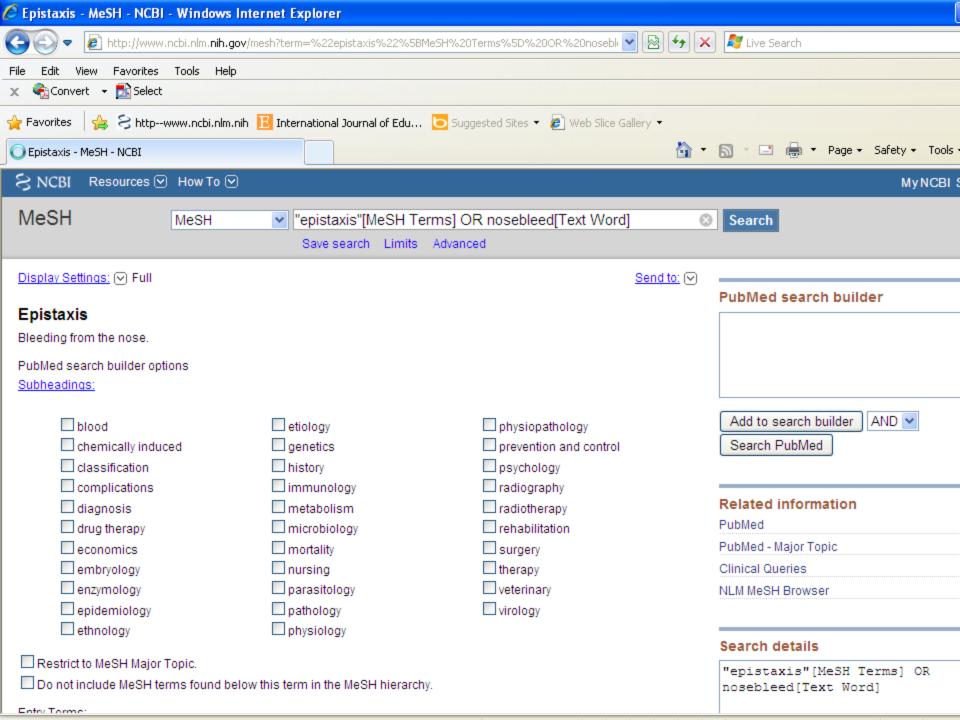
Combining MeSH Terms
 Tour

Search for **nosebleed**. Enter the term in the query box, and click the GO button

Applying Subheadings and other features of the MeSH Database Tour

Quick
Tour





- · Bleeding, Nasal
- · Bleedings, Nasal
- · Nasal Bleedings
- · Nose Bleed
- · Nose Bleeds
- Nosebleed

All MeSH Categories

Diseases Category

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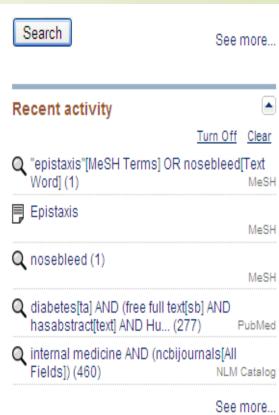
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Pathologic Processes

Hemorrhage

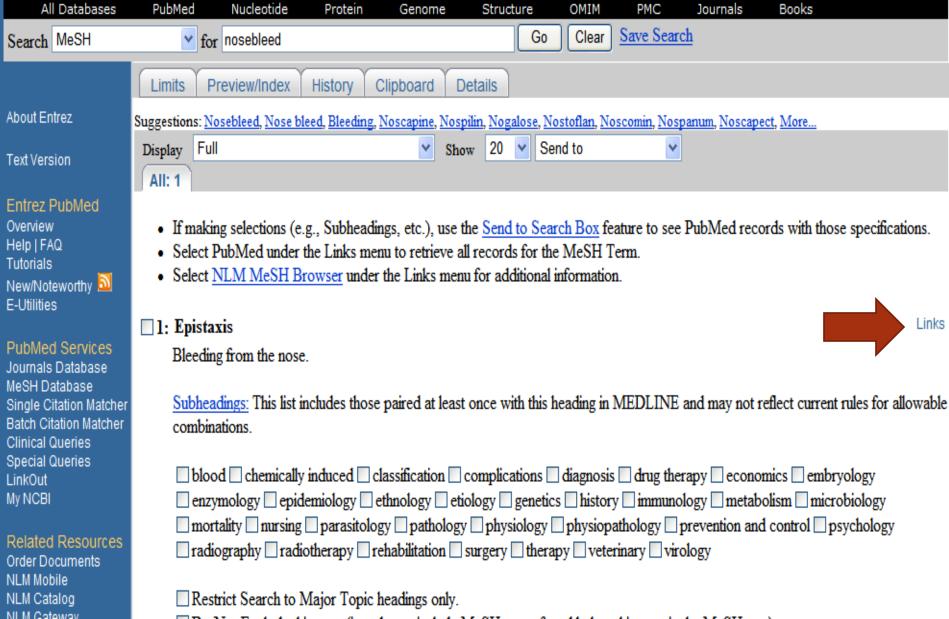
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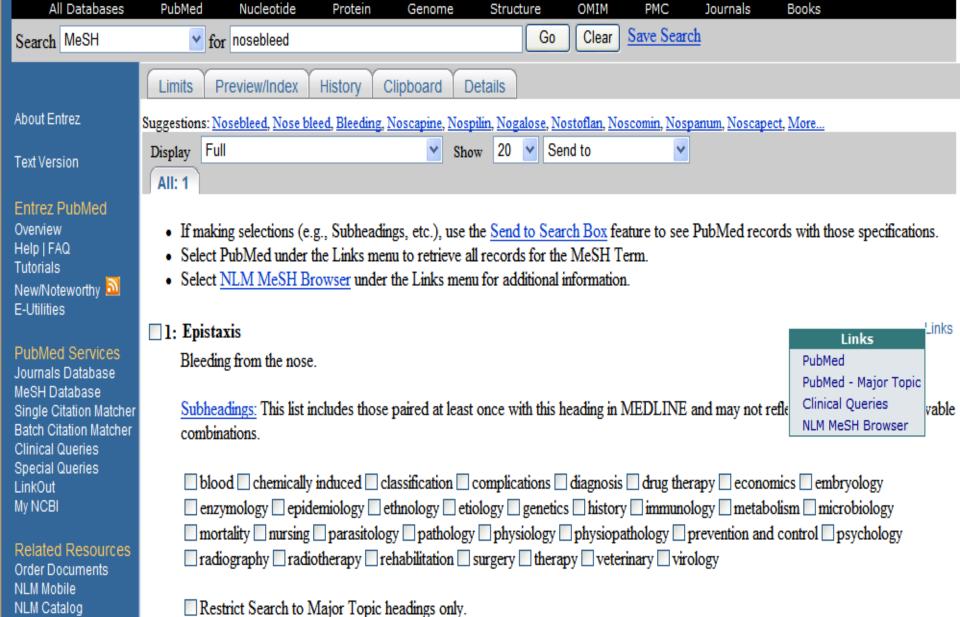
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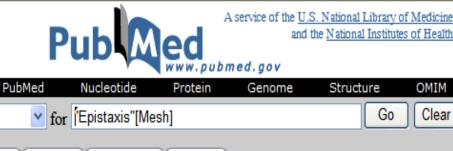






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Am J Med. 2009 Aug;122(8):779.e1-9.

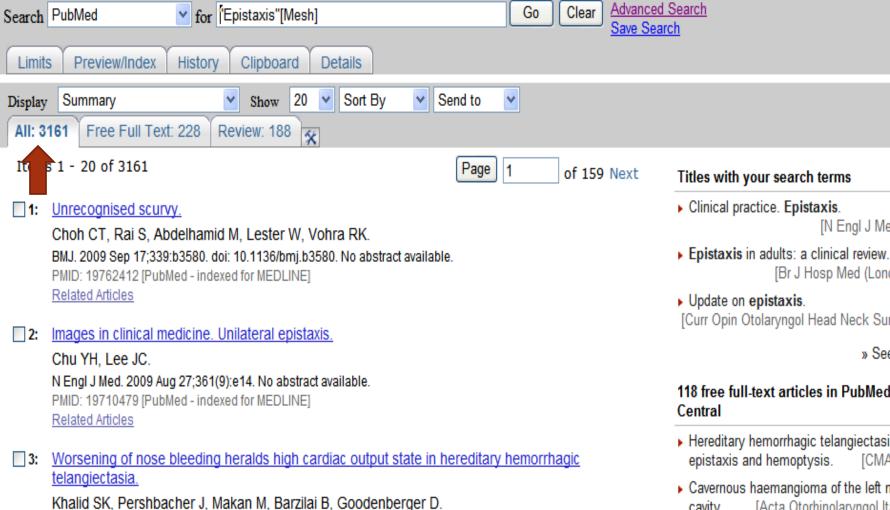
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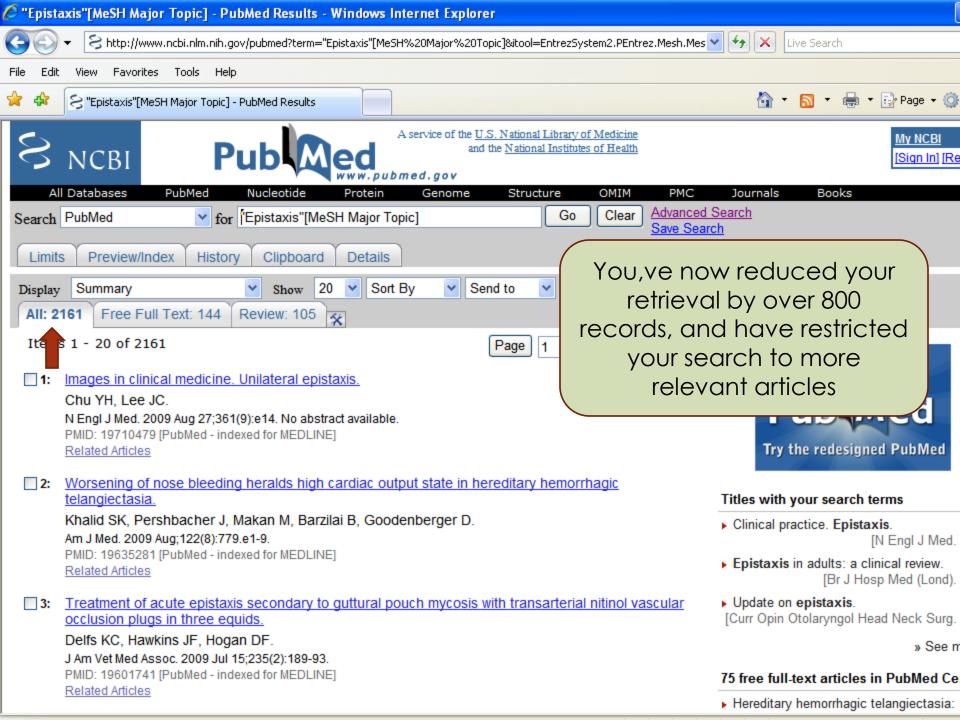
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 Quick
 Tour

 Tour
- Applying Subheadings and other features of the MeSH Database

 Tour

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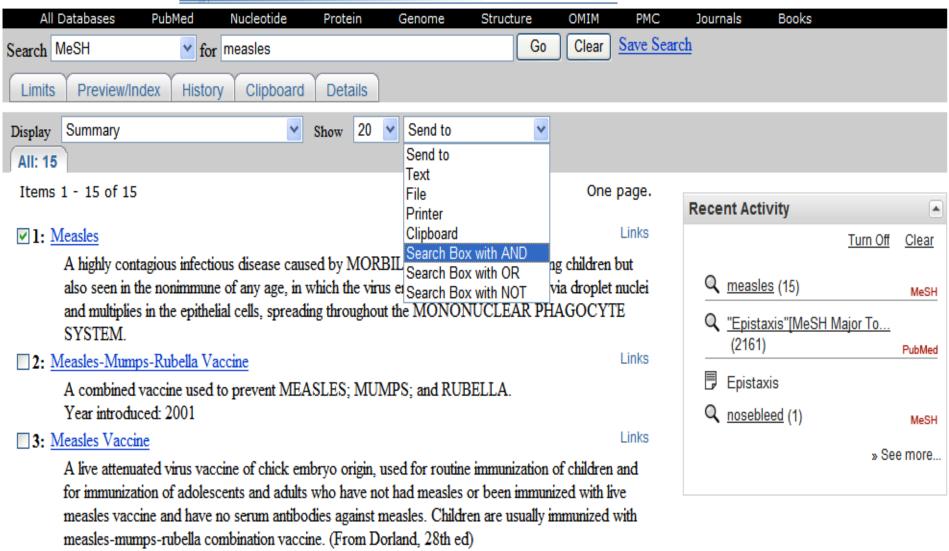
Year introduced: 1964

4: Measles virus



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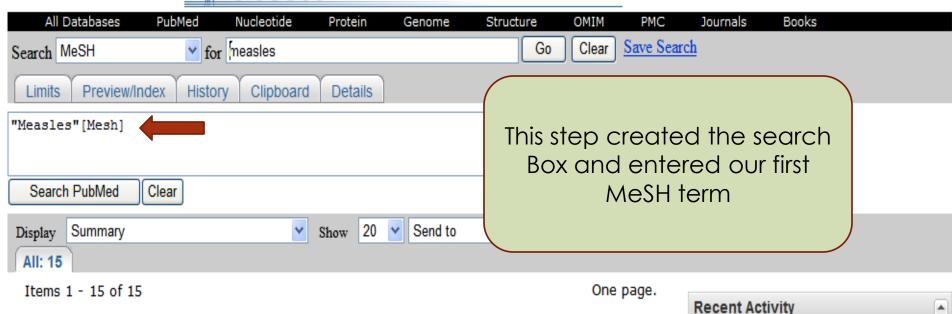






MeSH

MeSH



1: Measles

A highly contagious infectious disease caused by MORBILLIVIRUS, common among children but also seen in the nonimmune of any age, in which the virus enters the respiratory tract via droplet nuclei and multiplies in the epithelial cells, spreading throughout the MONONUCLEAR PHAGOCYTE SYSTEM.

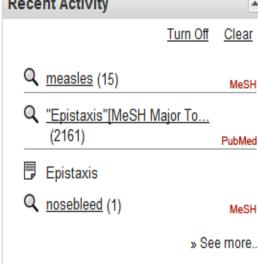
2: Measles-Mumps-Rubella Vaccine

A combined vaccine used to prevent MEASLES; MUMPS; and RUBELLA.

Year introduced: 2001

3: Measles Vaccine

A live attenuated virus vaccine of chick embryo origin, used for routine immunization of children and for immunization of adolescents and adults who have not had measles or been immunized with live measles vaccine and have no serum antibodies against measles. Children are usually immunized with



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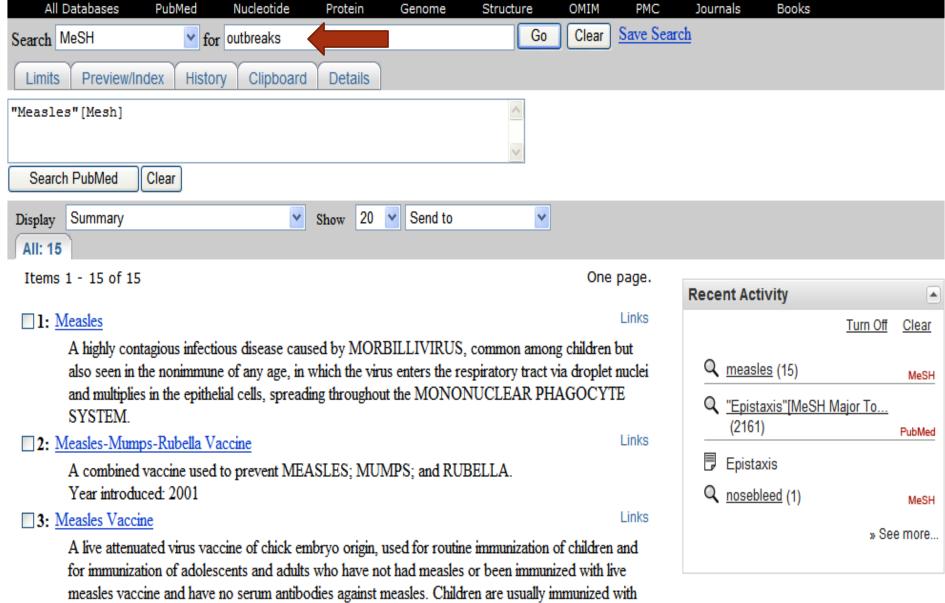
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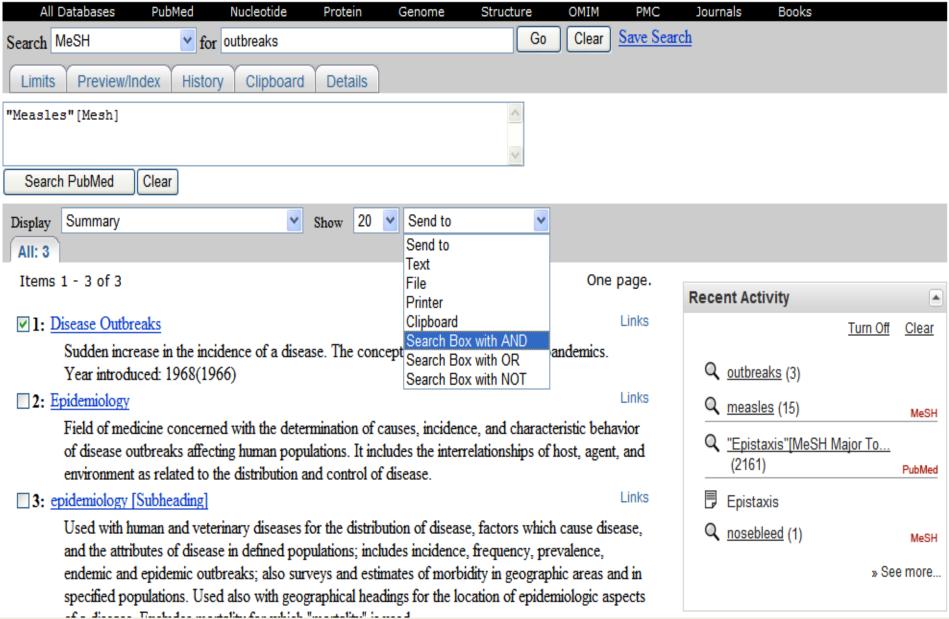








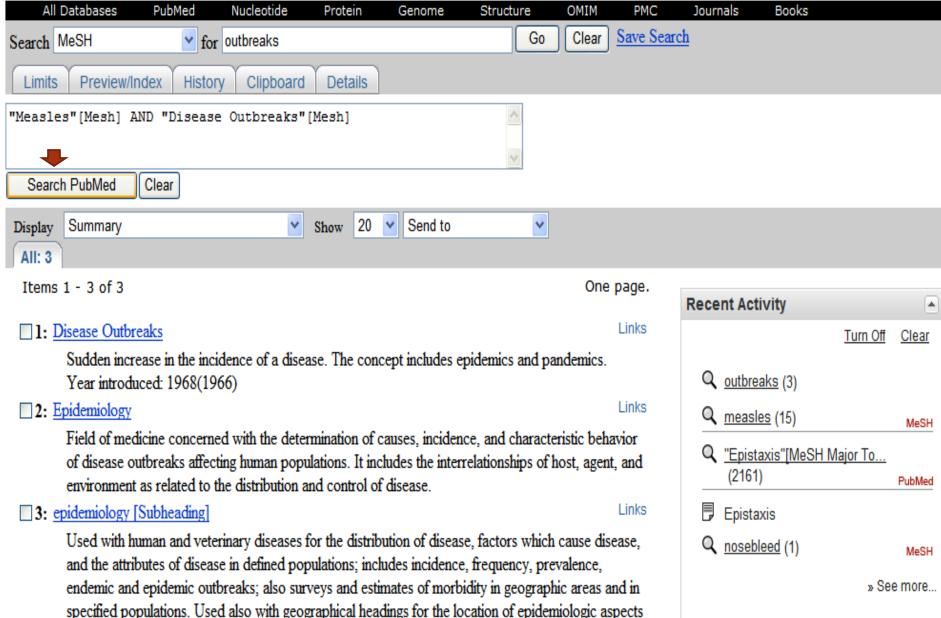
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The tragic 1824 journey of the Hawaiian king and queen to London: history of measles in Hawaii.

Shulman ST, Shulman DL, Sims RH. Pediatr Infect Dis J. 2009 Aug;28(8):728-33.

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PMID: 19633516 [PubMed - indexed for MEDLINE]

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Commun Dis Intell. 2009 Mar;33(1):21-6. PMID: 19618764 [PubMed - indexed for MEDLINE]

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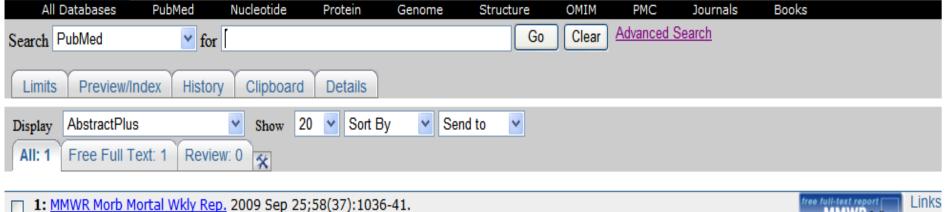
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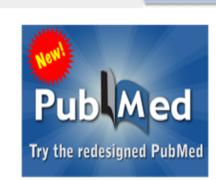


Progress toward measles control - African region, 2001-2008.

Centers for Disease Control and Prevention (CDC).

part of a global initiative with a goal of reducing the number of measles deaths by 50% by 2005, compared with 1999. Recommended strategies for measles mortality reduction included 1) increasing routine coverage for the first dose of measles-containing vaccine (MCV1) for all children, 2) providing a second opportunity for measles vaccination through supplemental immunization activities (SIAs), 3) improving measles case management, and 4) establishing case-based surveillance with laboratory confirmation of all suspected measles cases. Before introduction of MCV throughout AFR, approximately 1 million measles cases had been reported each year in the early 1980s. After strengthening measles-control activities, annual reported cases declined to an estimated 300,000--580,000 during the 1990s. This report summarizes the progress made during 2001- -2008 toward improving measles control in AFR. During 2001- -2008 estimated MCV1 coverage increased from 57% to 73%, SIAs vaccinated approximately 398 million children, and reported measles cases decreased by 93%, from 492,116 in 2001 to 32,278 in 2008. By 2005, global measles deaths had decreased by 60%, and the AFR goal had been achieved; AFR adopted a new goal to reduce deaths by 90%, compared with 2000, and that goal was achieved in 2006. However, inaccuracies in reported

In 2001, the countries of the World Health Organization (WHO) African Region (AFR) became



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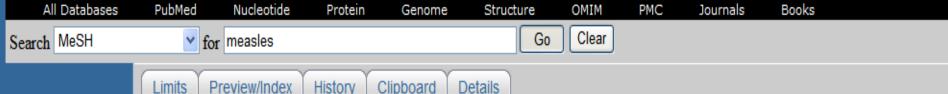
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Applying subheadings and other features using the MeSH Database









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 Tour
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 Tour

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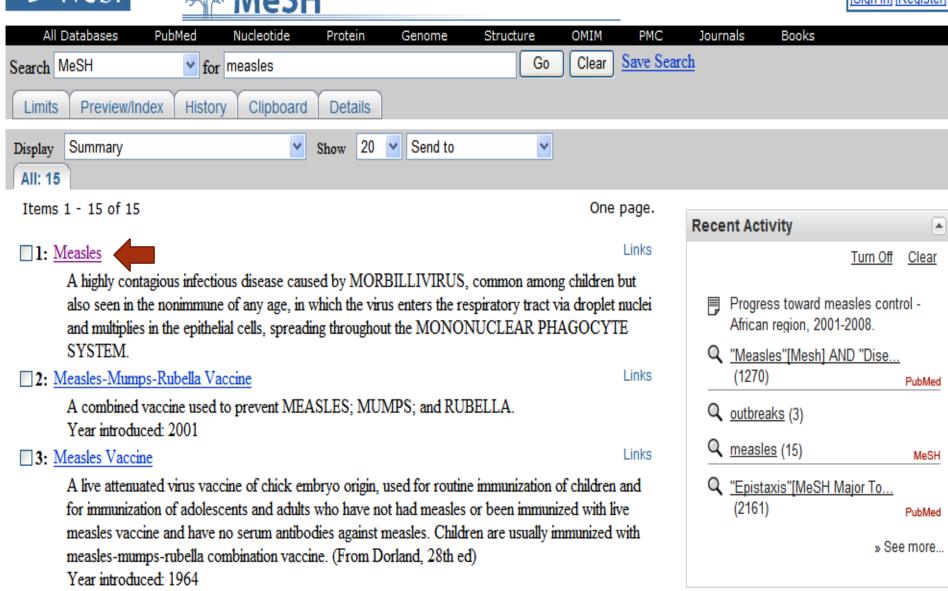


4: Measles virus



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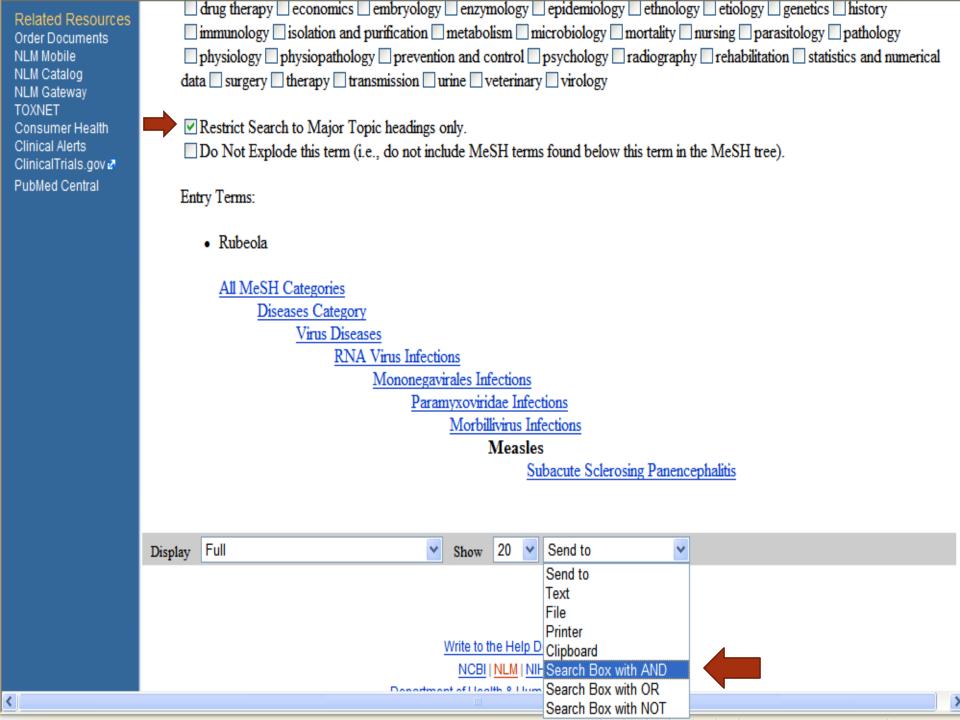
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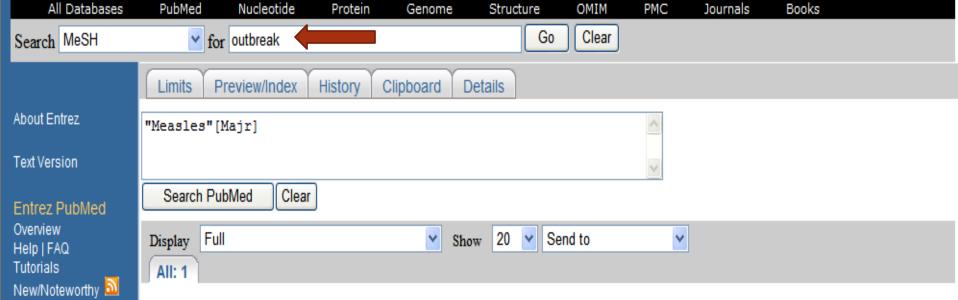
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1: Measles

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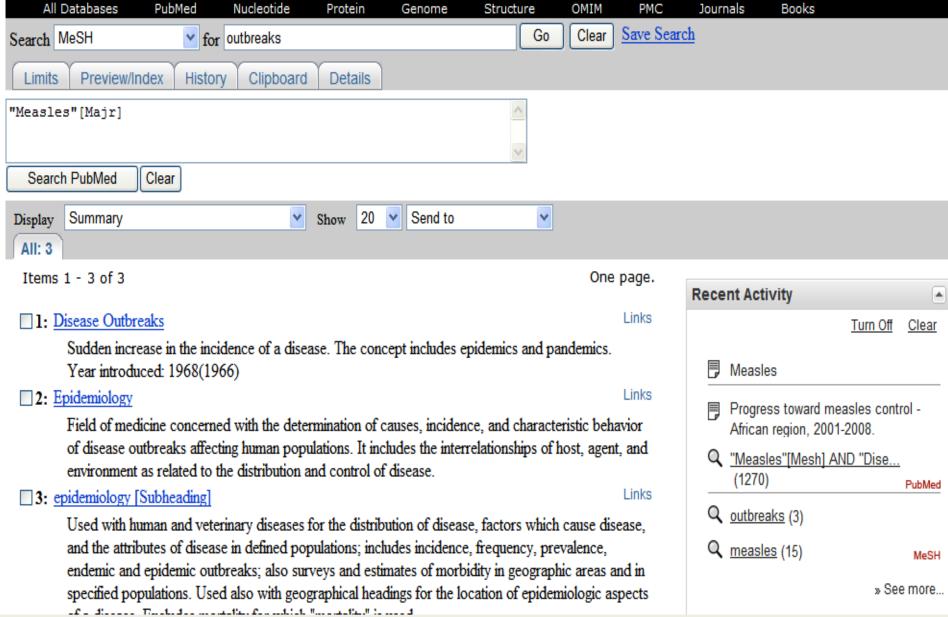
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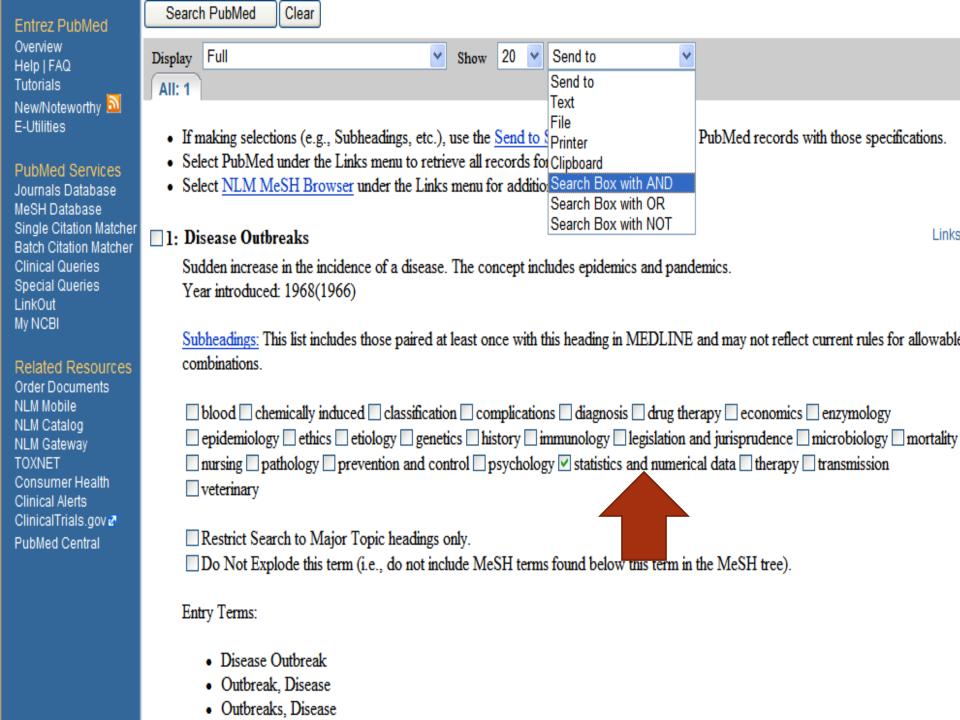
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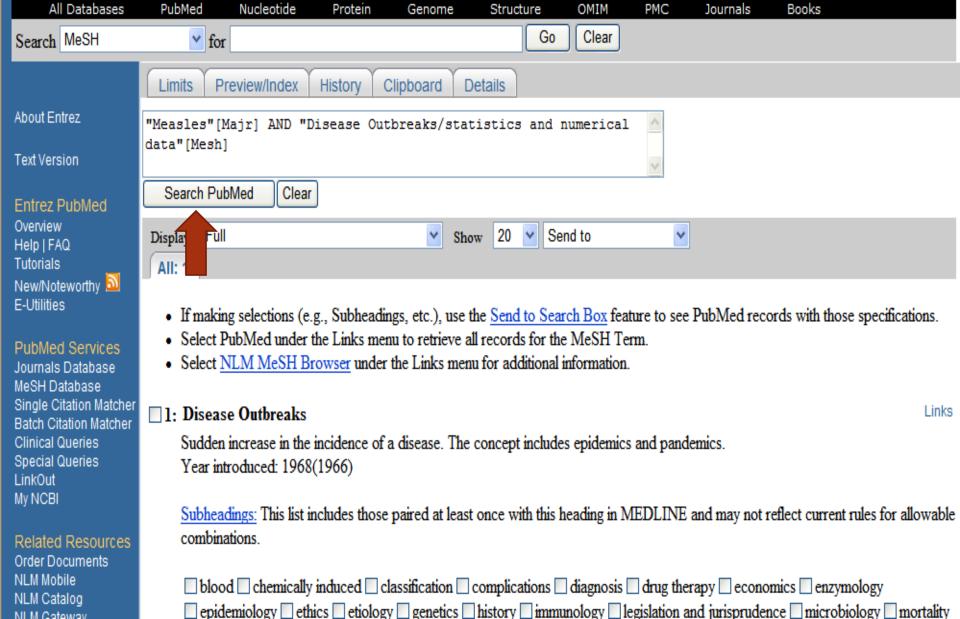








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American Academy of Pediatrics Committee on Infectious Diseases. Measles: reassessment of the current immunization policy.

[No authors listed]

Pediatrics. 1989 Dec;84(6):1110-3. No abstract available. Erratum in: Pediatrics 1990 May;85(5):714.

PMID: 2587143 [PubMed - indexed for MEDLINE]

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Risk factors for measles vaccine failure among immunized students.

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Hull HF, Montes JM, Hays PC, Lucero RL.

Pediatrics. 1985 Oct;76(4):518-23.

PMID: 4047794 [PubMed - indexed for MEDLINE]

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Measles mortality and vaccine efficacy in rural West Africa.

Hull HF, Williams PJ, Oldfield F.

Lancet. 1983 Apr 30;1(8331):972-5.

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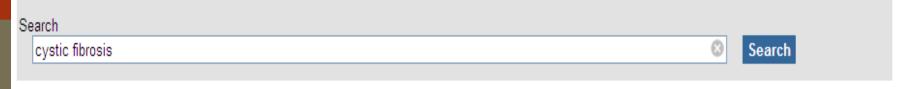
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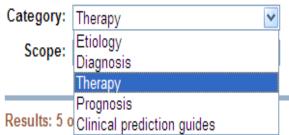
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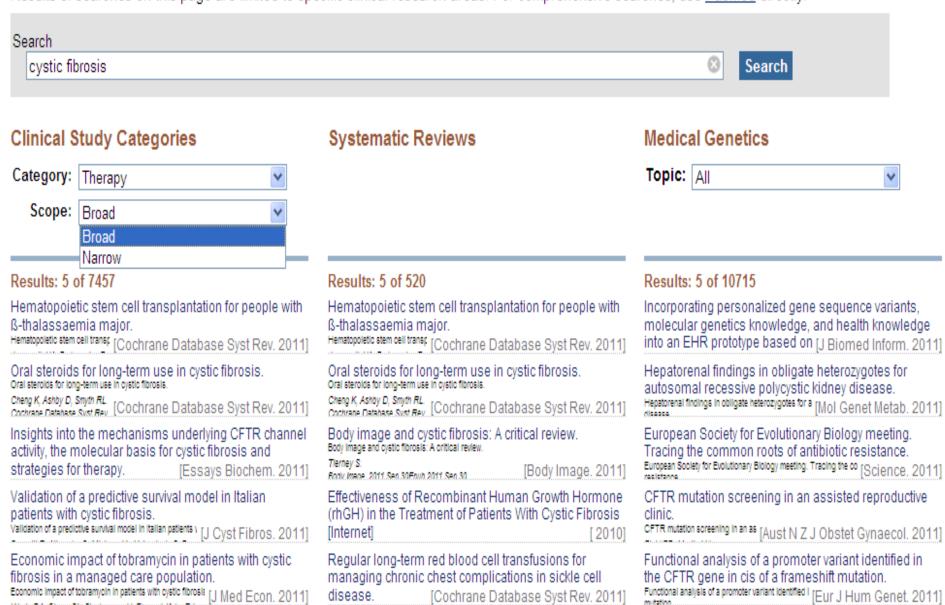
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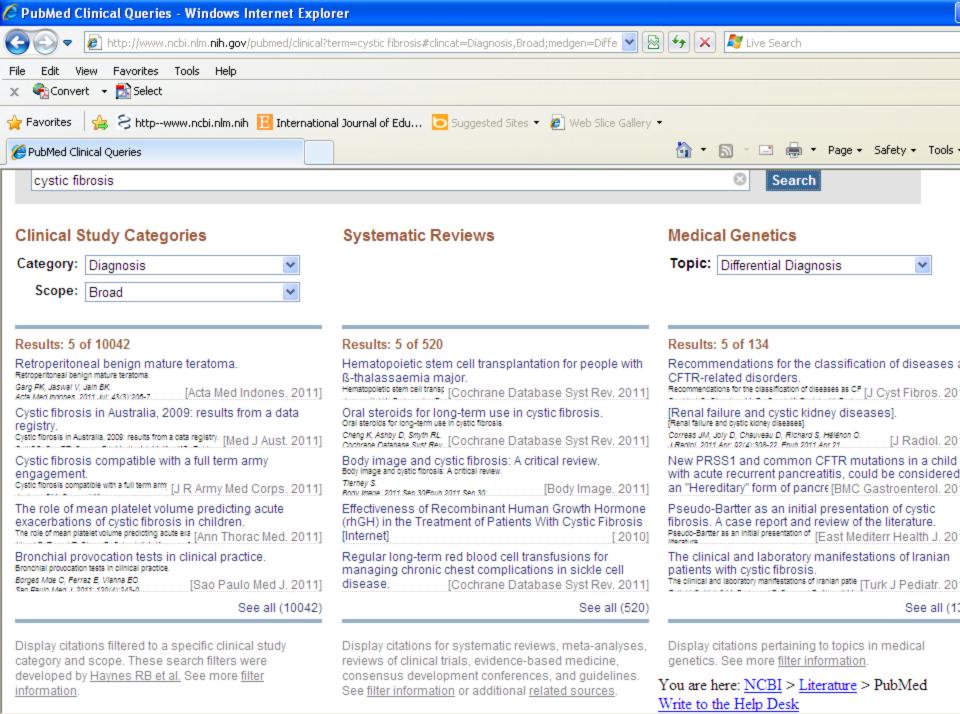
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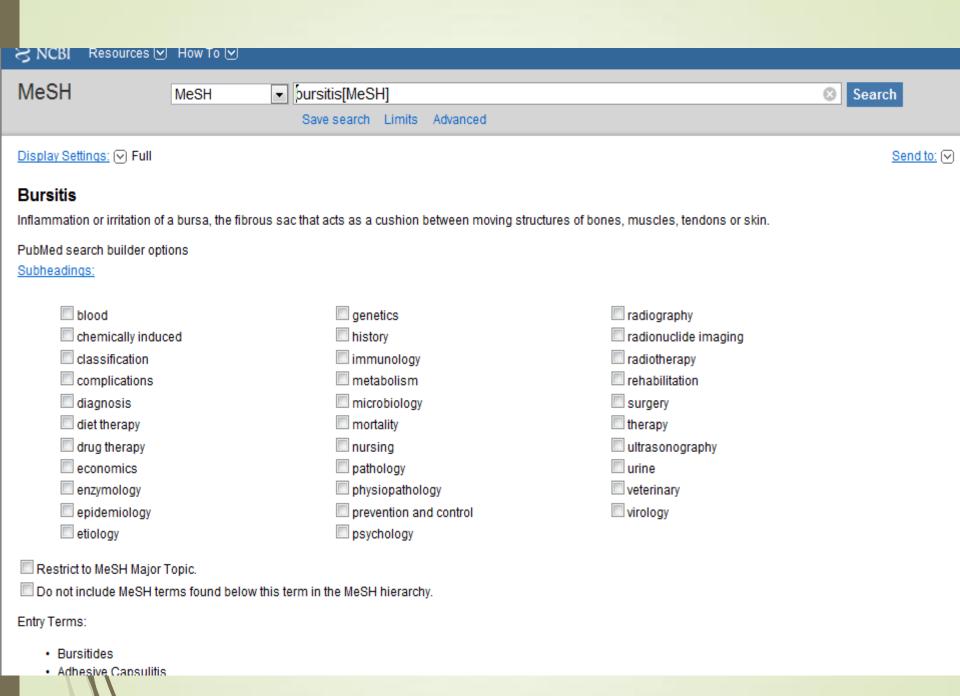
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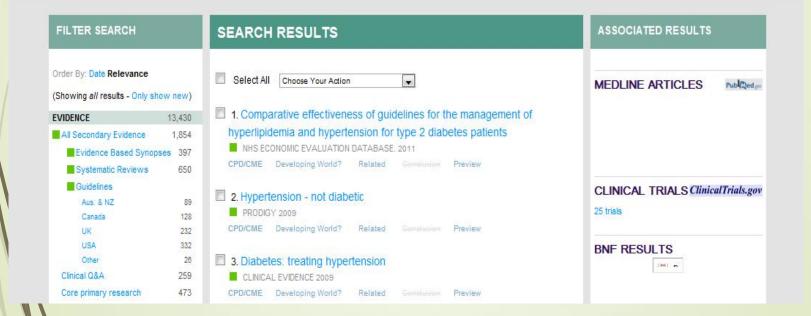


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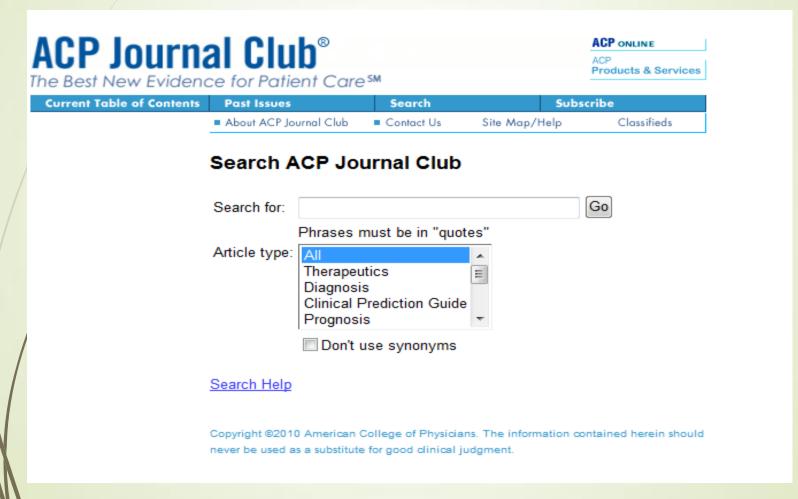
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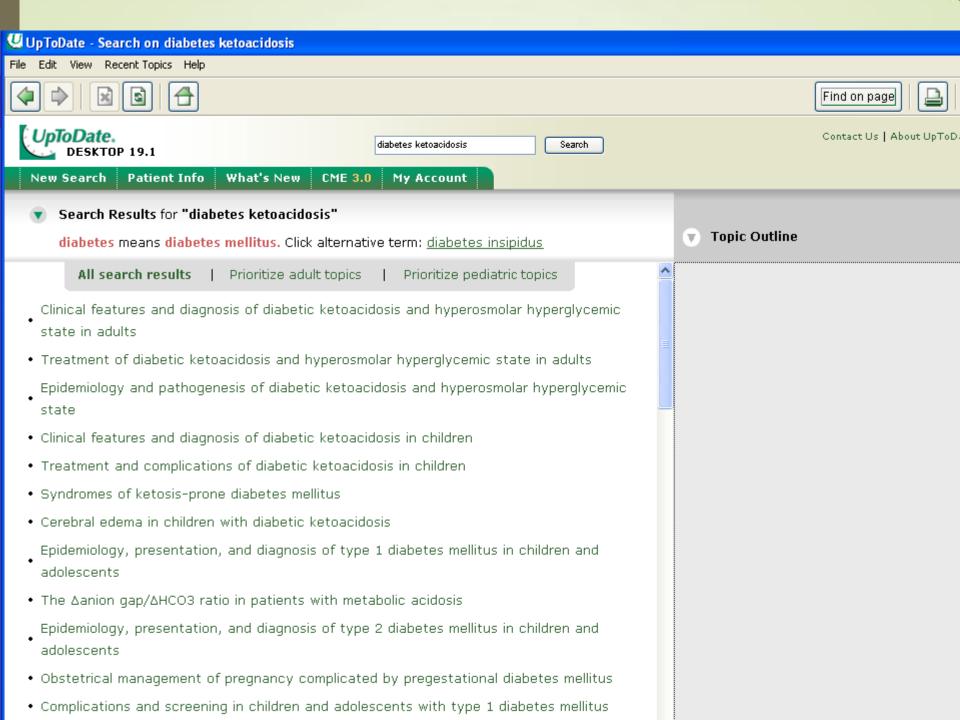
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CINAHL editors can guide searchers to the answers they need



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Netting the evidence (www.nettingtheevidence.org.u

Home

Welcome to my blog

"This is a sample welcome text which can be changed while modifying the blog to suit your requirements. The identifier used for this block of text is called welcome and can be found in the style.css file. You can change the color and style for this text from there easily and change the text from the Subscribe to RSS index.php file."

PAGES

Cost-effectiveness of Evidence Based Medicine

Ethics of Evidence Based Methods

Evidence based medicine and dentistry

Impact on Healthcare Today

Implications for the Future

Limitations

Methodology

The Effectiveness of

Evidence Based Medicine

The care of the nation is top of the list when it comes to evidence based medicine. Whether it is an individual's mental state or their physical being, evidence based medicine is of utmost importance in ensuring people's future health. Through clinical research, conducted by both medical and scientific professionals, evidence based medicine is able to assess the effectiveness and non-effectiveness of treatments, as well as the cost of such treatments, and work to generally improve people's health. This is a discipline that requires those of utmost professionalism, as it is such an important process in the future health of the nation, and there is no doubt that the research conducted will make a real difference to the treatment processes used in the future.

When did evidence based medicine originate?

Evidence based medicine can be found as far back as the 1940s. However, it was in 1972 that the concept first came into play, originated by Professor Archie Cochrane, in his book, Effectiveness & Efficiency: Random Reflections on Health Services. This was the foundation for evidence based research, and in 1992 a facility was funded by the UK government, with the aim of performing randomly controlled tests on health services.

RECENT POSTS

Evidence Based Medicine

META

Log in



Search

Advanced Scholar Search

Articles (✓ include patents) ○ Legal opinions and journals

Stand on the shoulders of giants

Go to Google Home - About Google - About Google Scholar

82011 Google

ساختار اينترنت

- http: Hypertext Transfer Protocol
- www: world wide web
- NLM (Sub domain)
- NIH (Organization)
- Gov (Main domain
- Entrez
- Query.fcgi

Example

Туре	Domain	Example
Education	Edu/ac	<u>www.stanford.edu</u> <u>www.Tums.ac.ir</u>
Organization	Org/or	www.idf.org
Commercial	Com/co	www.yahoo.com www.hbi.co.uk
Government	gov	www.guideline.gov
Service Providers	net	www.neda.net
Business services	biz	<u>www.pcgames.biz</u>
General information on a topic	info	www.pezeshk.info

Internet search tools and services

- Search engine
- Meta search engine
- Subject Directory
- Other search tools

Search engine

- Built by computer "spider" robot programs
- NOT organized by subject categories
- Often retrieve huge amounts of information
- Not evaluated contain good and bad sites

Search engine

Individual (general) Search engine

Google

www.google.com

Altavista

www.altavista.com

Alltheweb

www.alltheweb.com



Google

for scientific information only

Academic Search engine

Google Scholar http://scholar.google.com scirus

Scirus

www.scirus.com



Medhunt

www.hon.ch/medhunt/

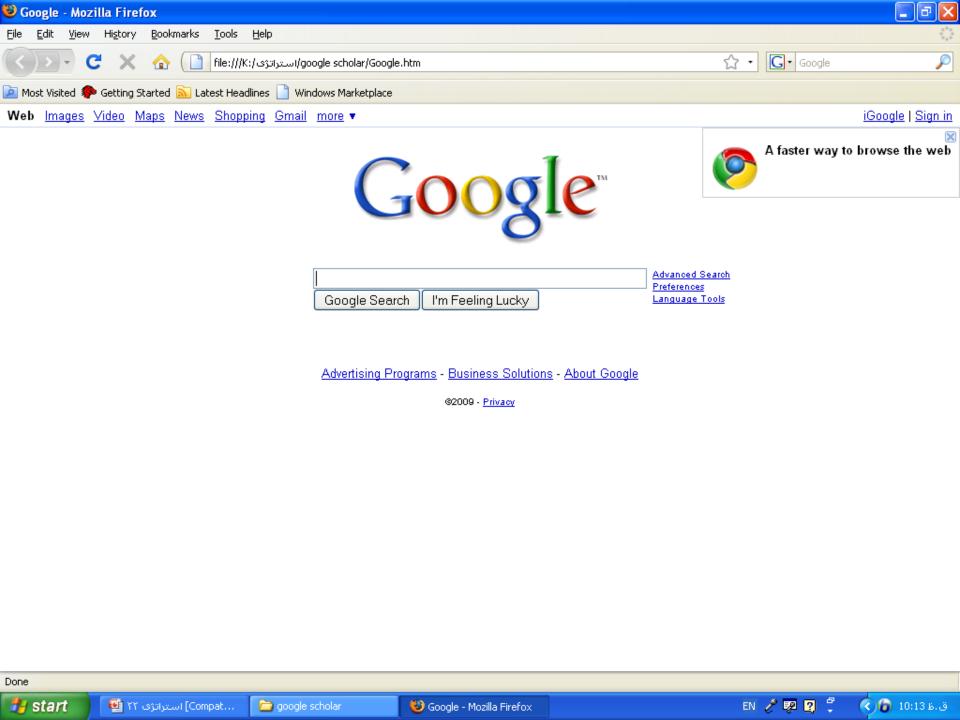
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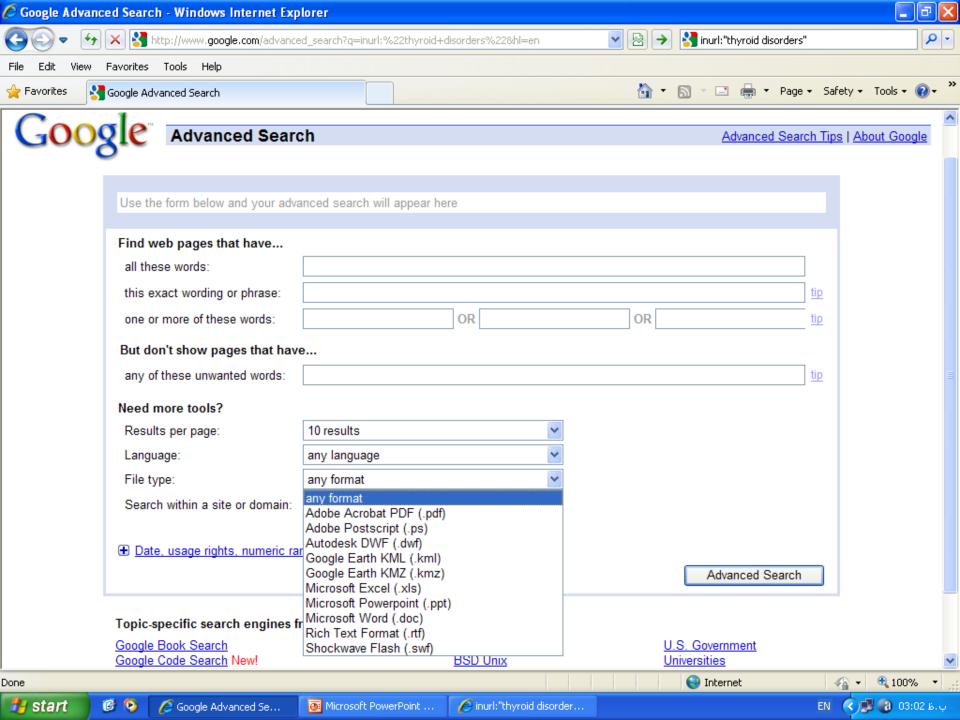




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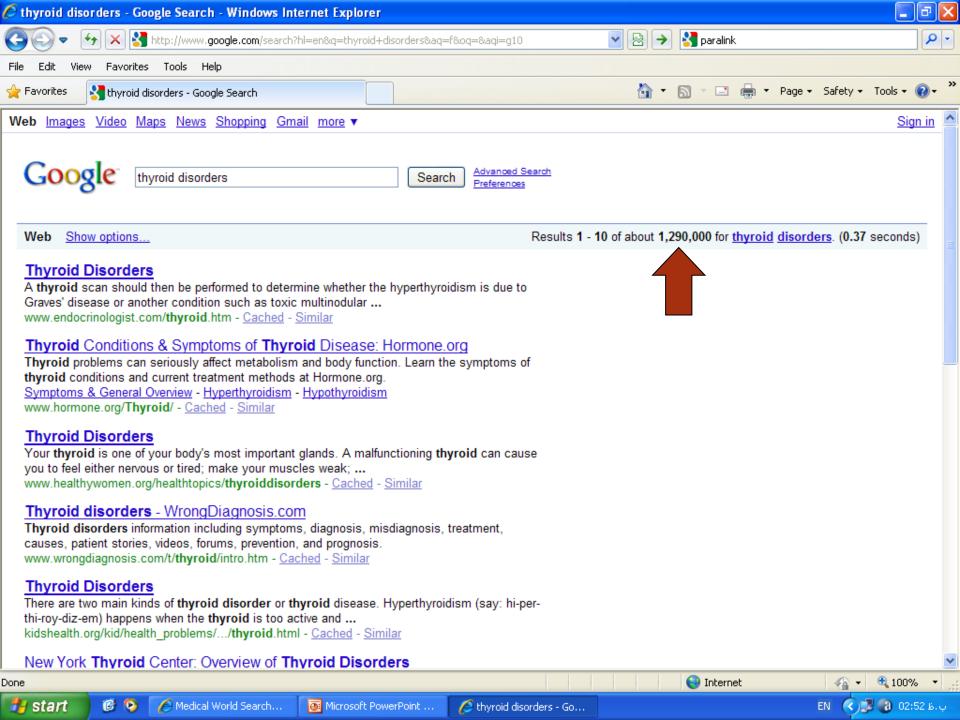
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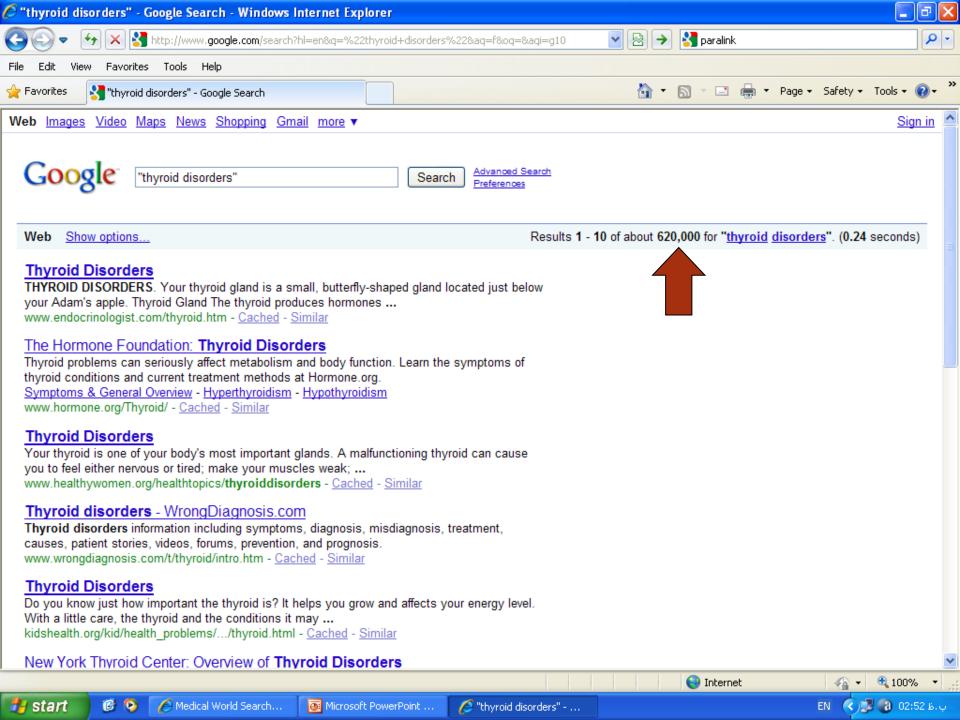


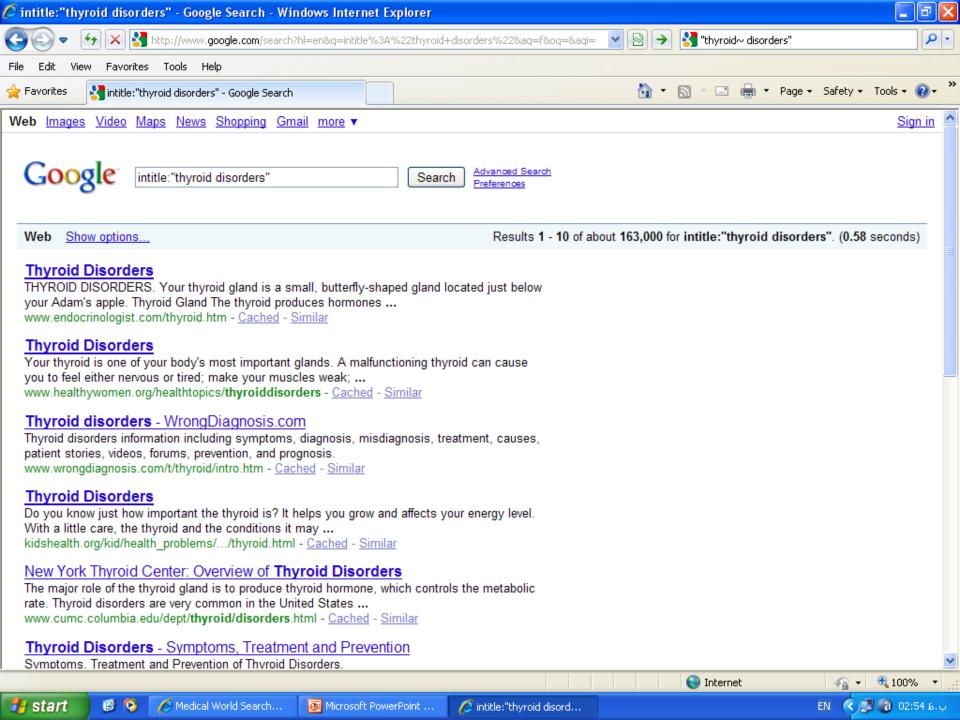


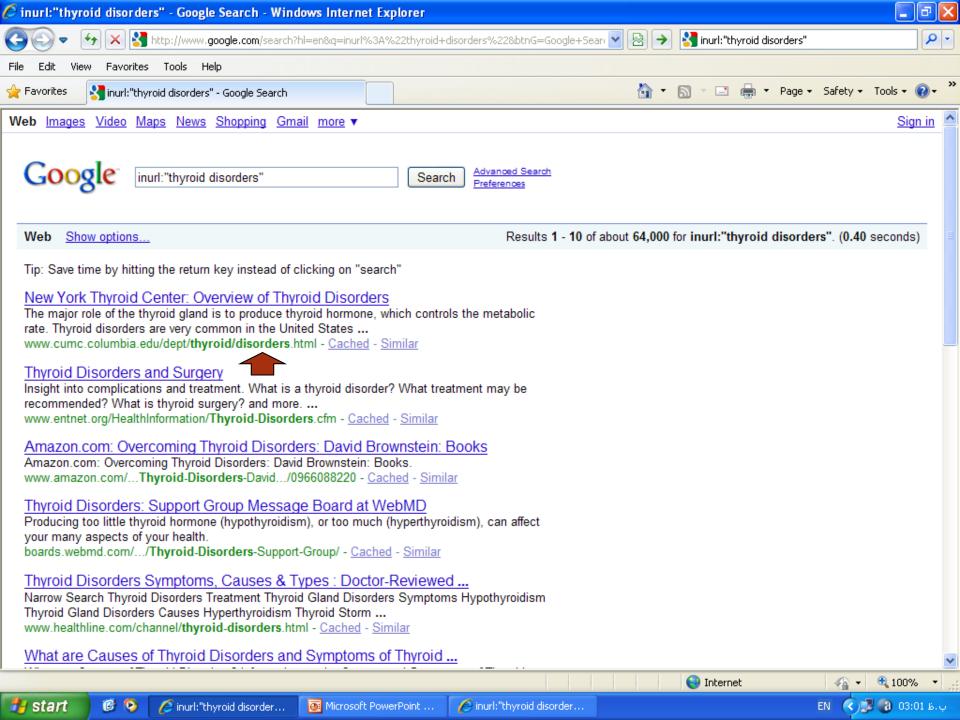
Google search tips

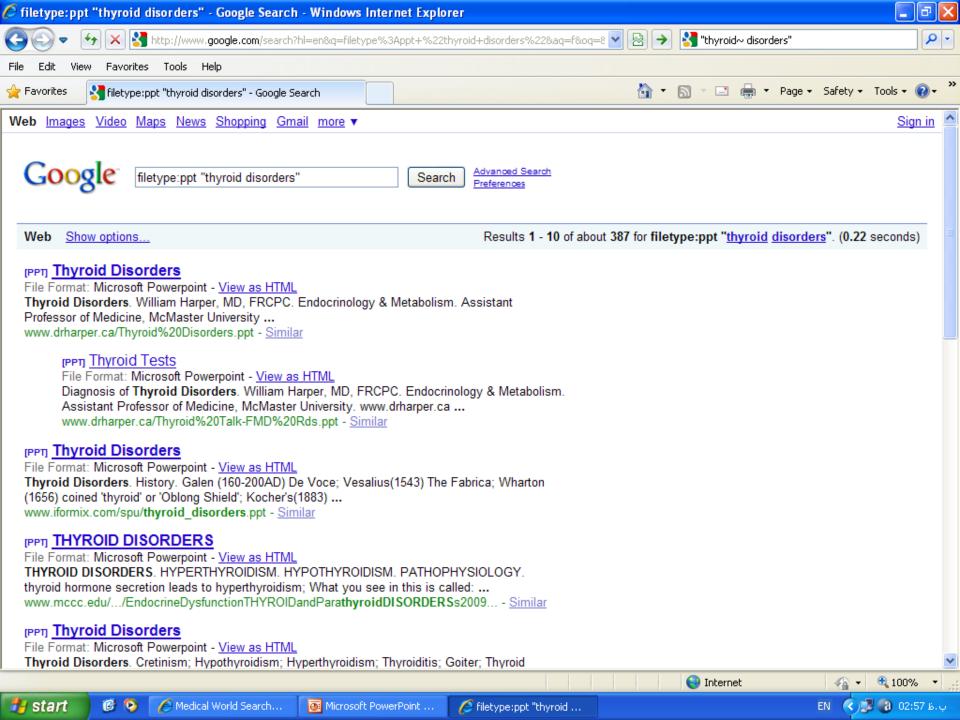
- " ": always use quotations to search a phrase
- Intitle: Requires terms to appear in the title of the document eg. intitle:"thyroid disorders"
- Allintitle: Requires all terms to appear in the title of the document.
 - eg. Allintitle:"thyroid disorders"
- Site: used to search within a particular site
 - eg. Site:ac.ir "diabetes"
- Inurl: requires terms to be in the url.
 - eg. inurl:diabetes.ir
- Filetype: only searches particular types of documents
 - eg. Filetype:ppt "thyroid disorders"

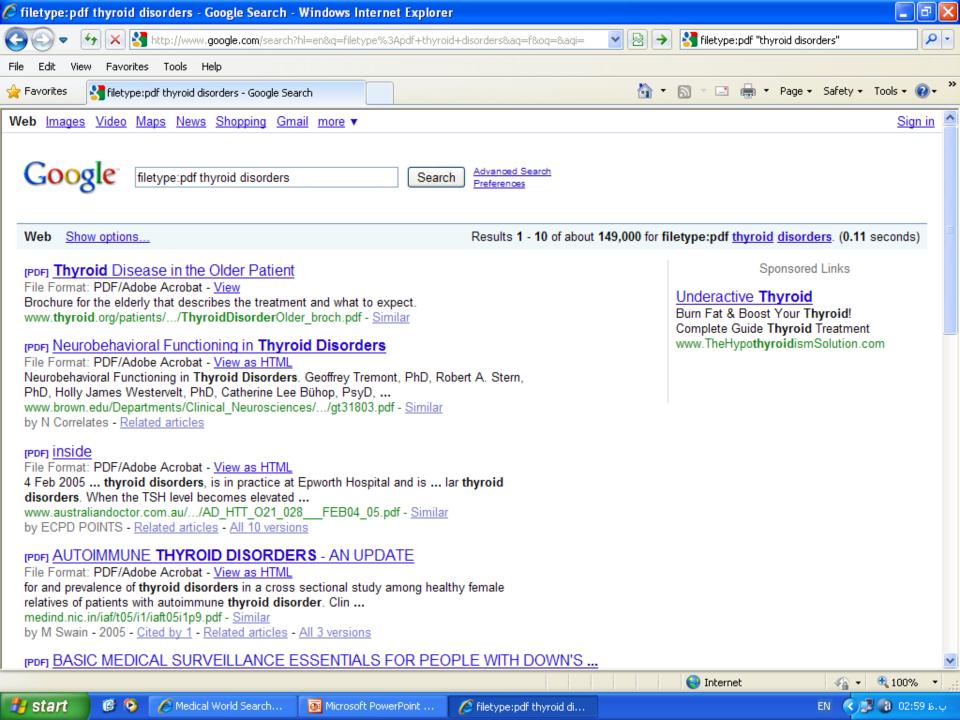






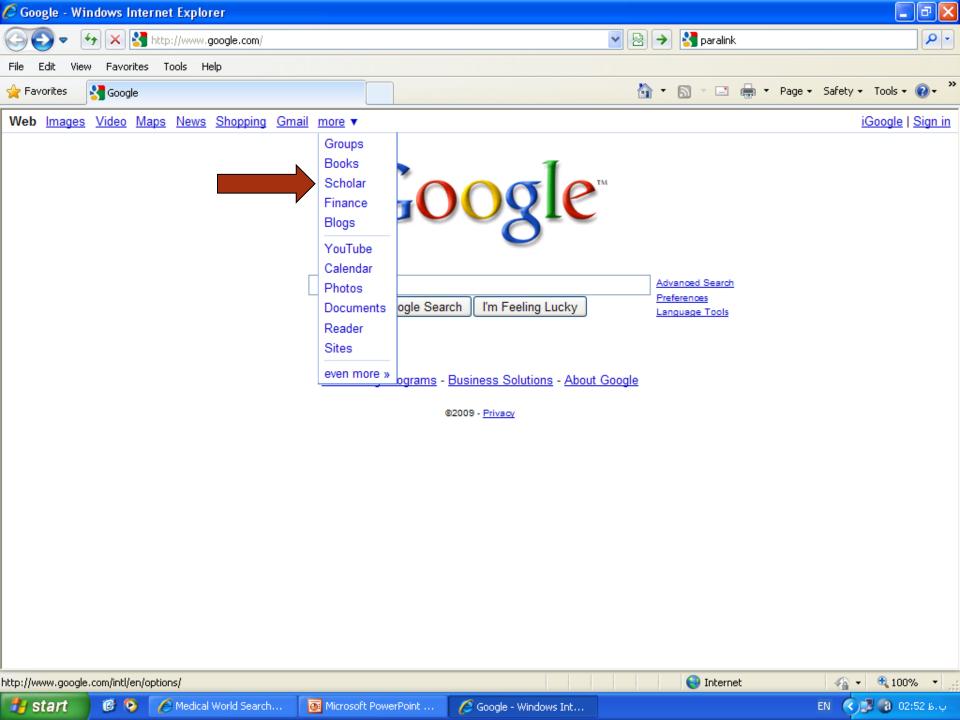


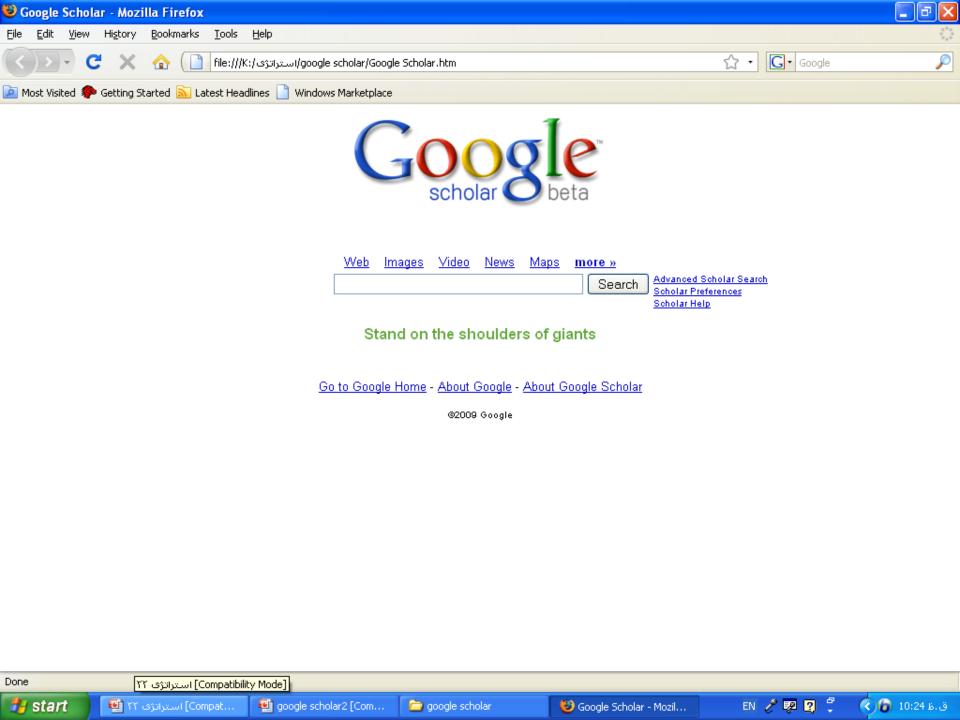


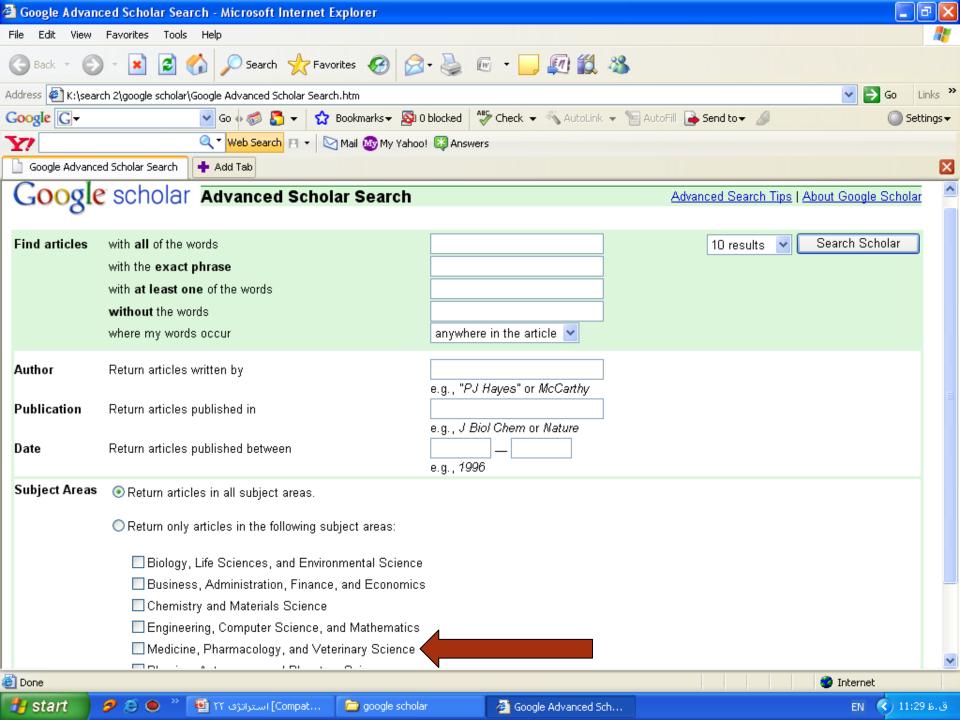


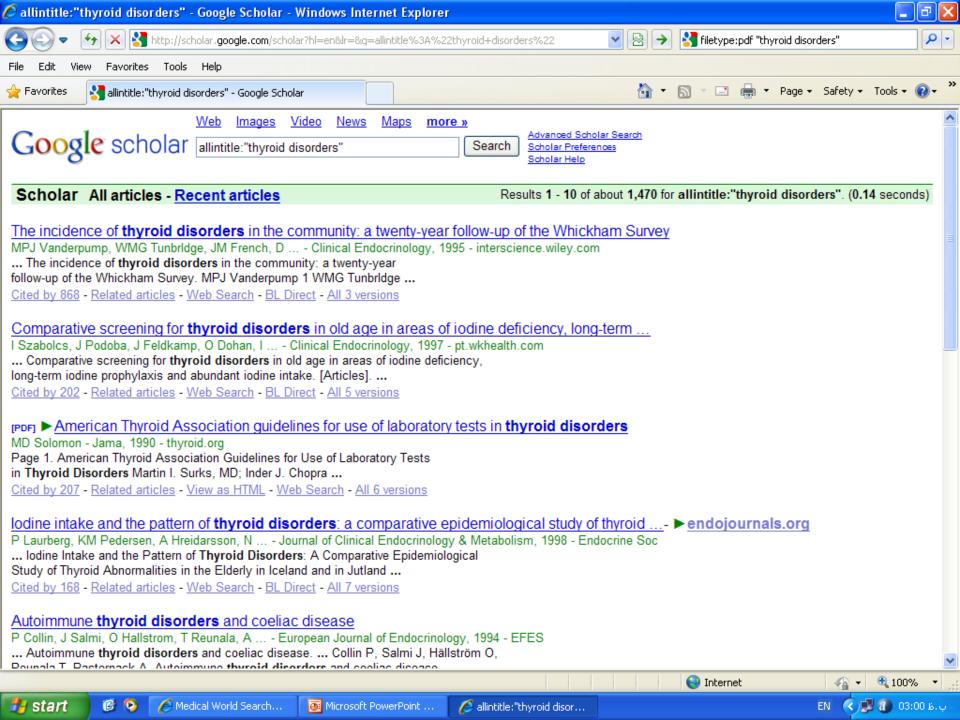
Google Scholar

- Google Scholar
 - Inputs:
 - All sources and types, except patents
 - Special features:
 - Citation analysis, ranking and navigation options



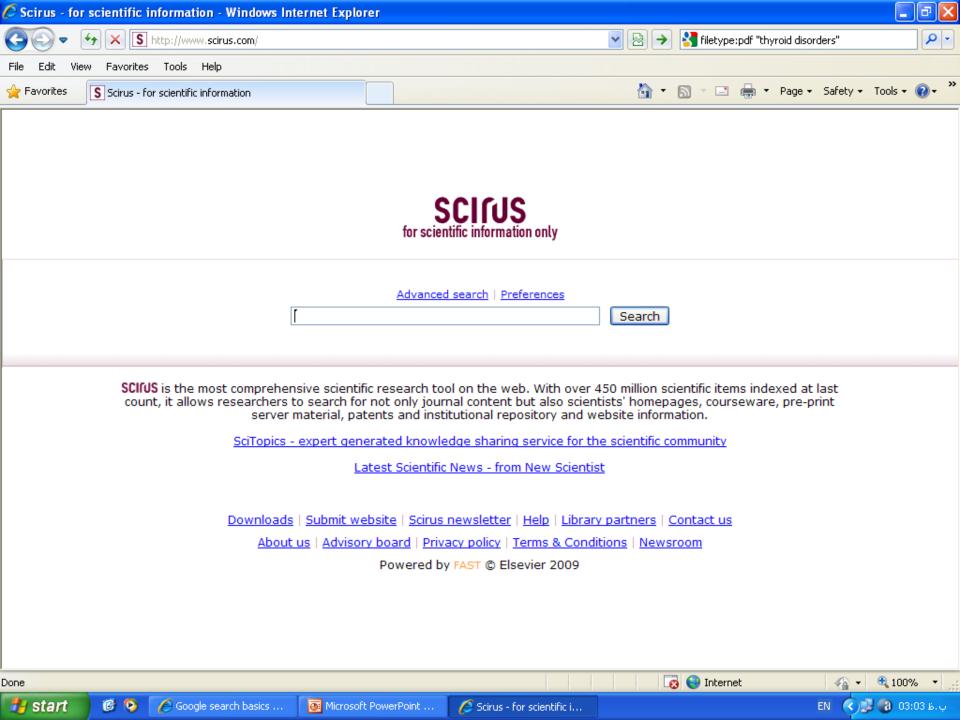


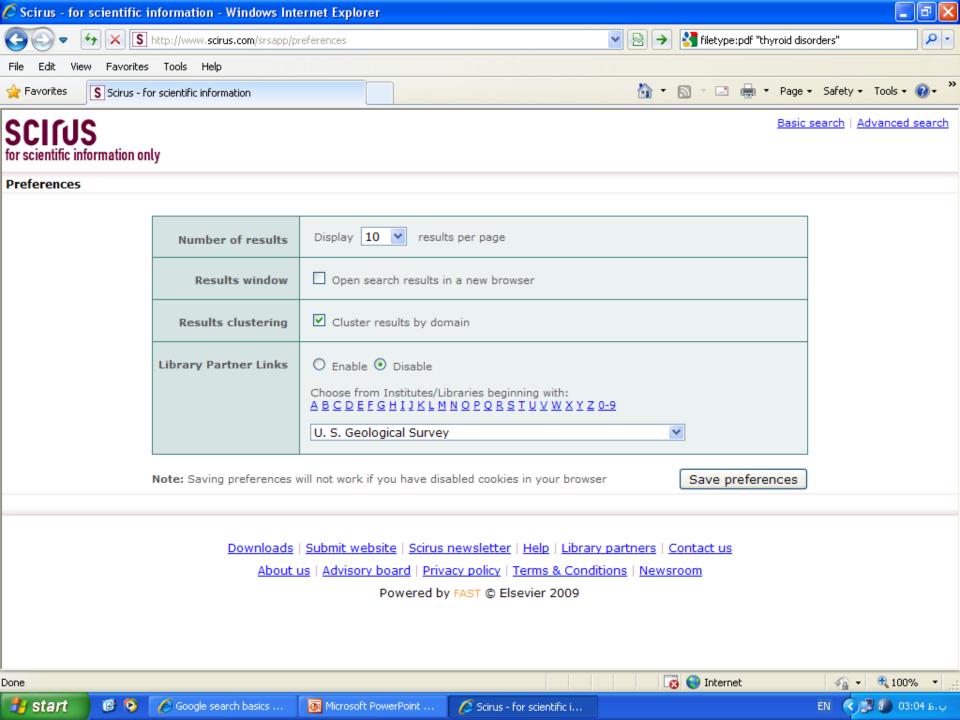


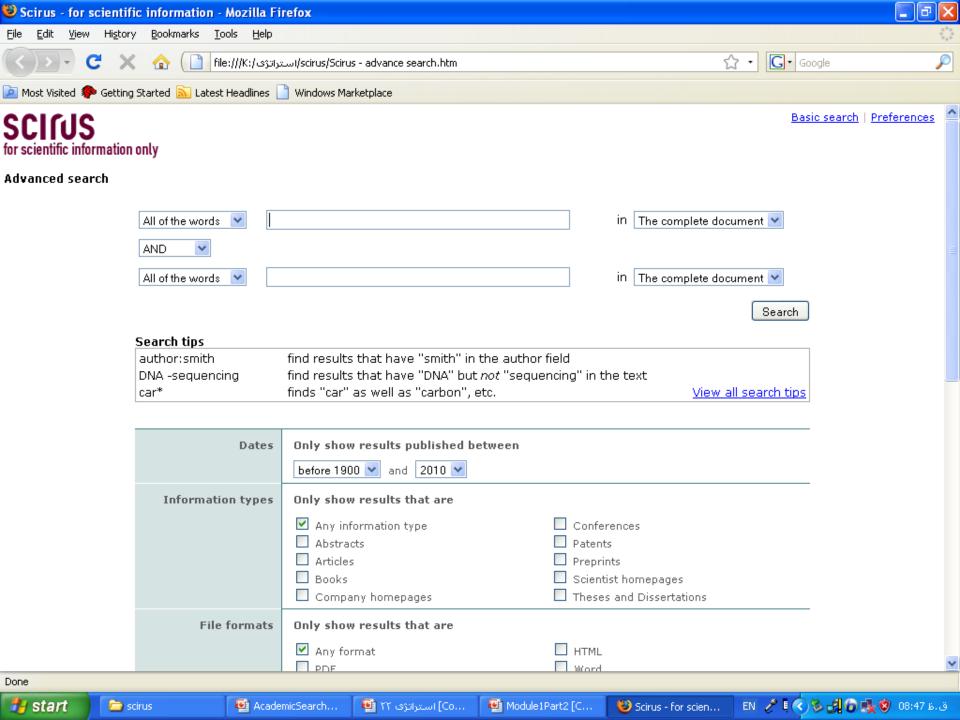


Scirus

- Scirus
 - Inputs:
 - All sources and types, except books and references
 - Special features:
 - The search facilities, the characteristics of the results page, the diversity of sources, the access to full text patents and the total amount of available information

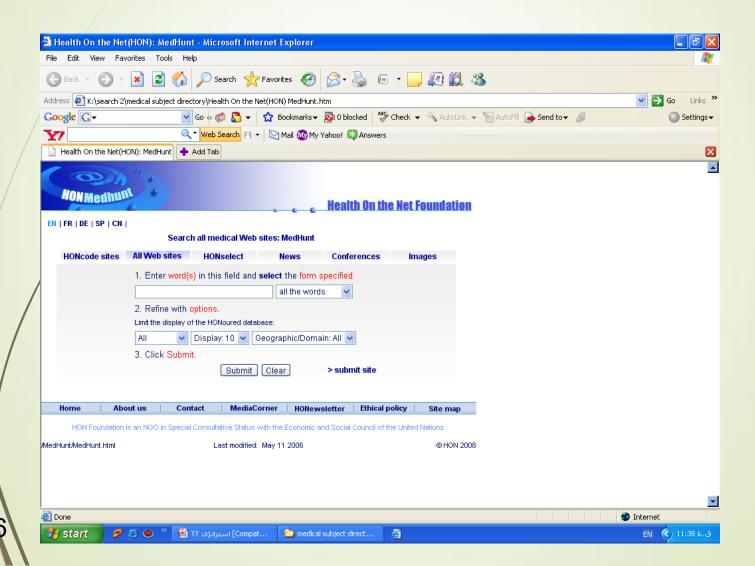




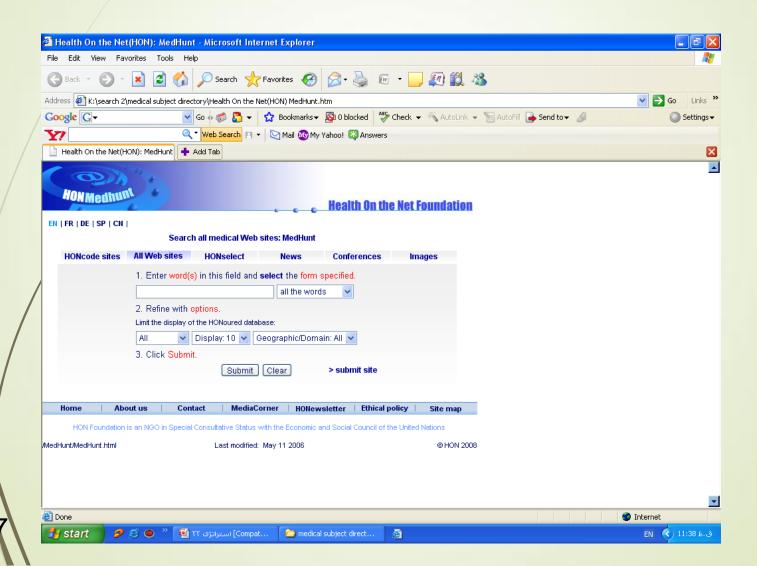


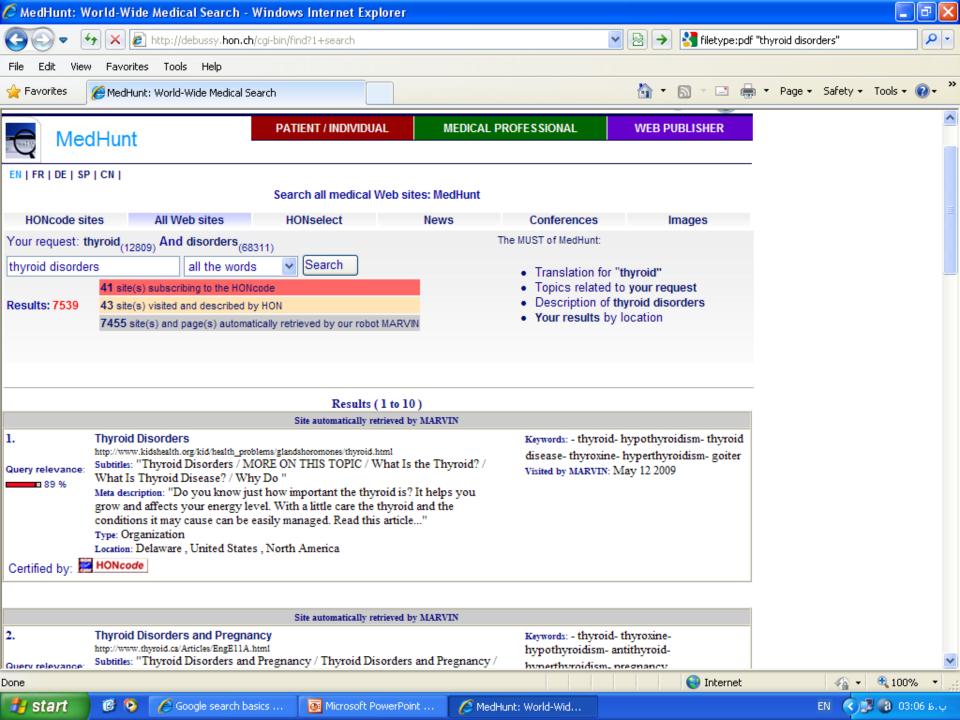
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Medical Search engine



Medical Search engine





Iranian Search engine



Meta search engine

- Dogpile
- Metacrawler
- Vivisimo
- Ixquick
- Mamma



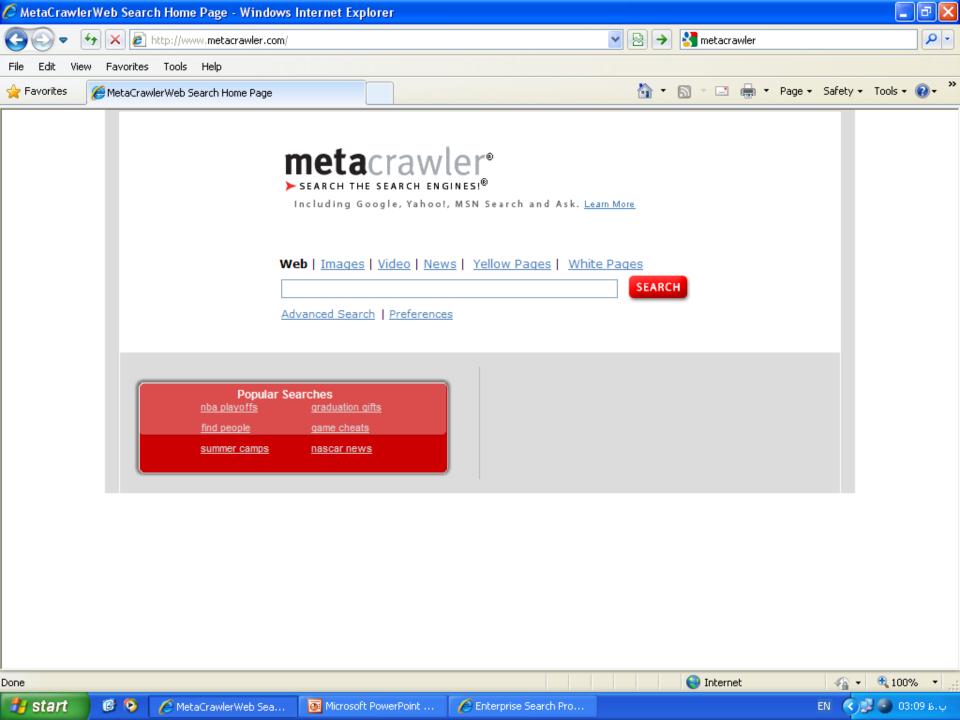












Subject directory

- Built by information specialists
- Organized into subject categories
- Selected, evaluated, annotated
 - Infomine
 - By UC consortium of library professionals
 - Academic Info
 - By a librarian in Arizona

- Subject directory
 - Yahoo
 - Open directory project
 - Open text
 - Infomine
- Médical Subject directory
 - Medical Matrix
 - Omni
 - Cliniweb international

www.yahoo.com

www.dmoz.com

www.opentext.com

www.infomine.ucr.edu

www.medmatrix.org

http://omni.ac.uk

http://ohsu.edu/cliniweb

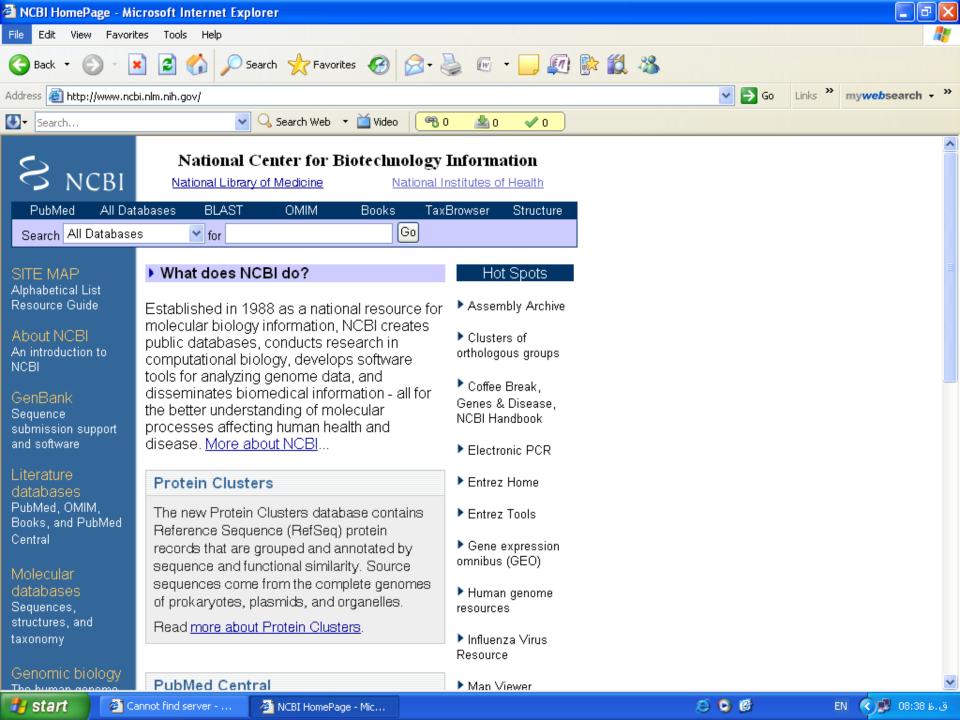
Other search tools

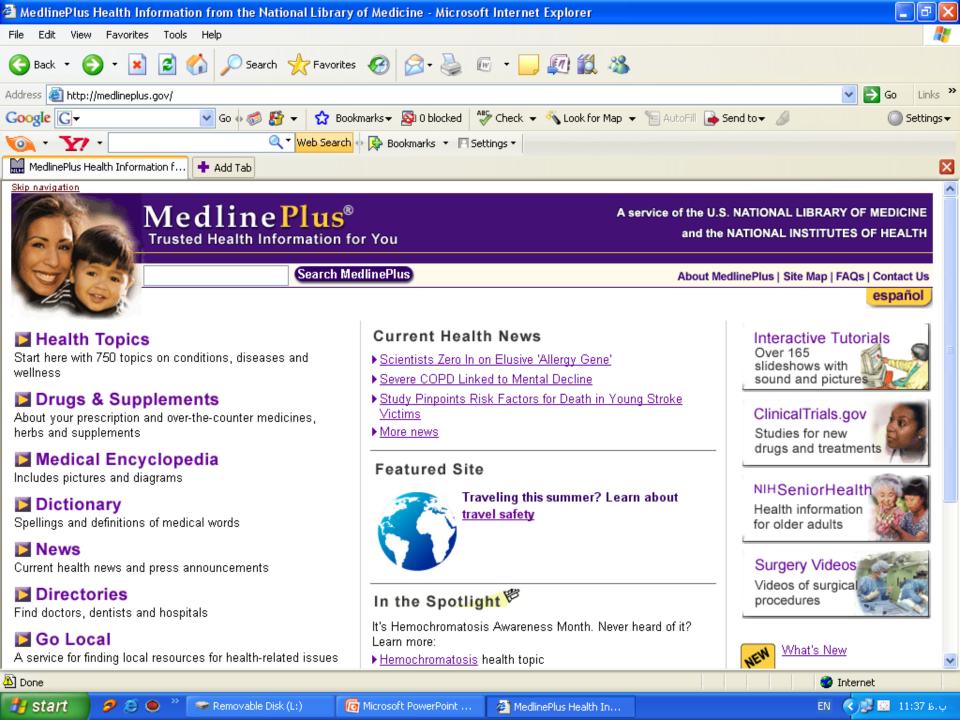
Pubmed

www.pubmed.gov

MedlinePlus

www.medlineplus.gov





Iranian Databases

- Free
 - · SID

www.sid.ir

- Subscription
 - Magiran

www.magiran.ir

Iranmedex

www.iranmedex.com

Parsmedline

www.parsmedline.com

سایر پایگاههای اطلاعاتی بینالمللی

- Medline
- Embase
- **ISI**
- Scopus
- Cochrane
- Biological Abstracts
- **CINAHL**
- Psychinfo
- Chemical Abstracts

پایگاههای الکترونیک مقالات

- Elsevier Science
- Ovid
- Blackwell Science
- Oxford university Press
- Springer
- Proquest
- Ebsco

پایگاههای اطلاعاتی منطقهای

- EMRO
- Emrmedex

IranMedex

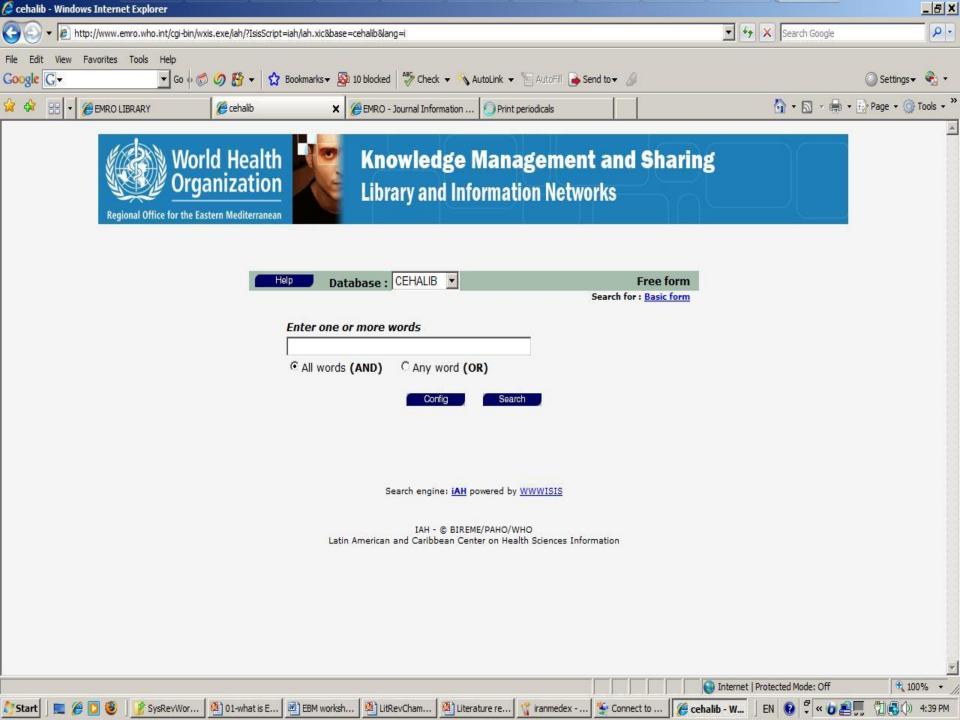
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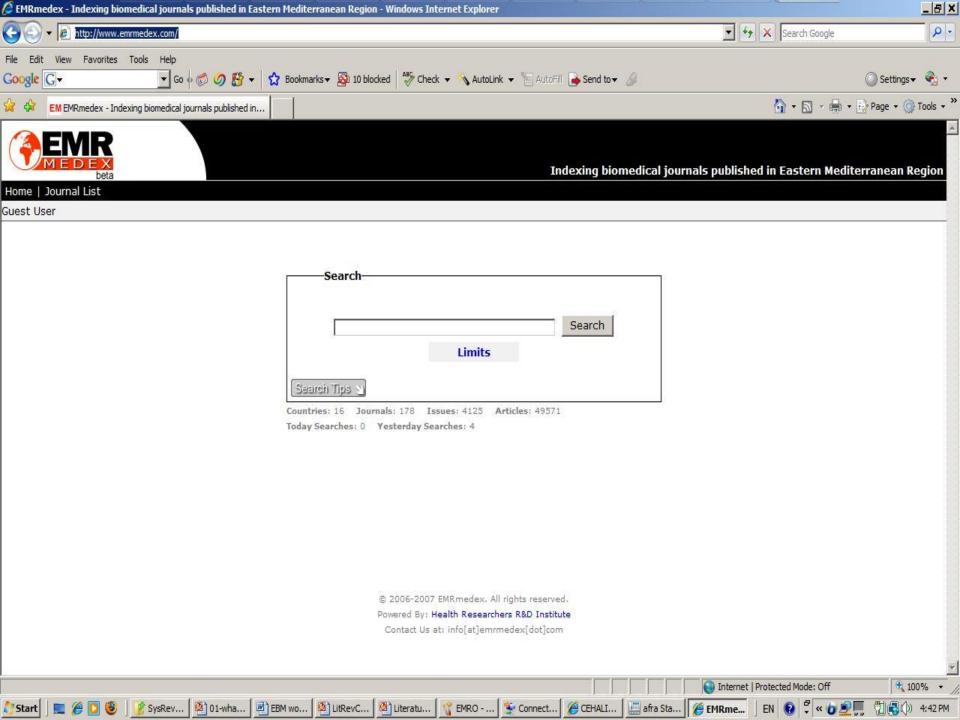
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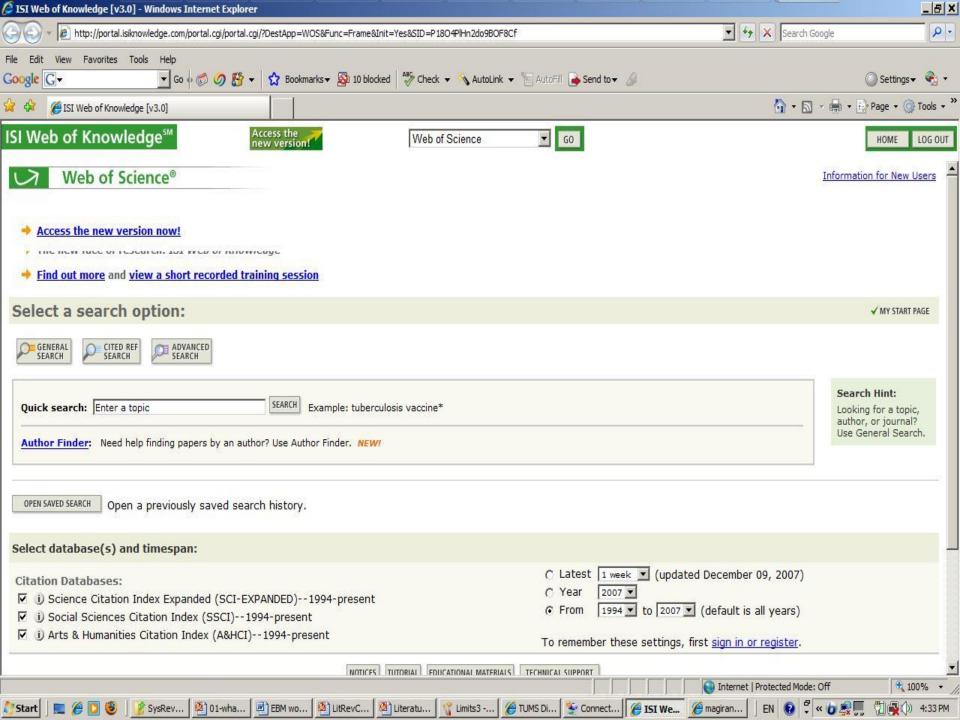






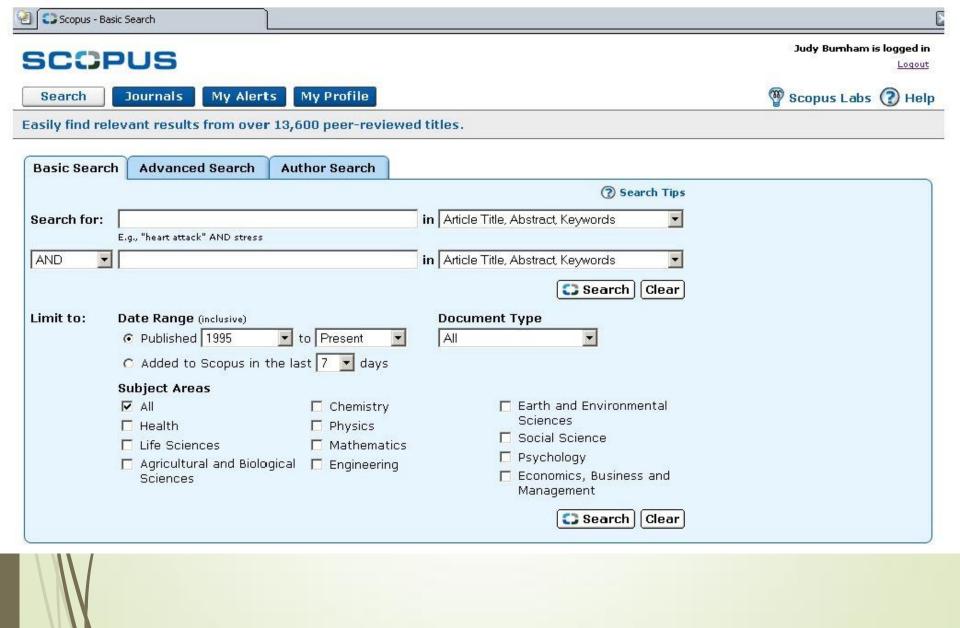
EMBASE

- Electronic version of Excerpta Medical
- Elsevier Science Publishers
- Numbers of Journals: 3500
- European in focus
- Thesaurus: Uses own thesaurus (EMTREE)
- Pharmaceutical and Clinical Medicine
- Overlap with MEDLINE estimated at between 25 and 40%
 - 75% of References contain Abstracts
 - Updated Weekly and is about 4 weeks behind
 - Database: Bibliographic



ISI

- Electronic version of Science Citation Index
- Web of Science
- Numbers of Journals: 8700 in all sciences
- animal & plant biology, biotechnology, agriculture, environmental sciences, physics, chemistry, earth sciences, mathematics, engineering, technology, computer science
- / pe of Database: Bibliographic
 - date: Updated Weekly
 - see who has cited that paper or author to articles.



پایگاههای اطلاعاتی منطقهای

- EMRO
- Emrmedex

IranMedex

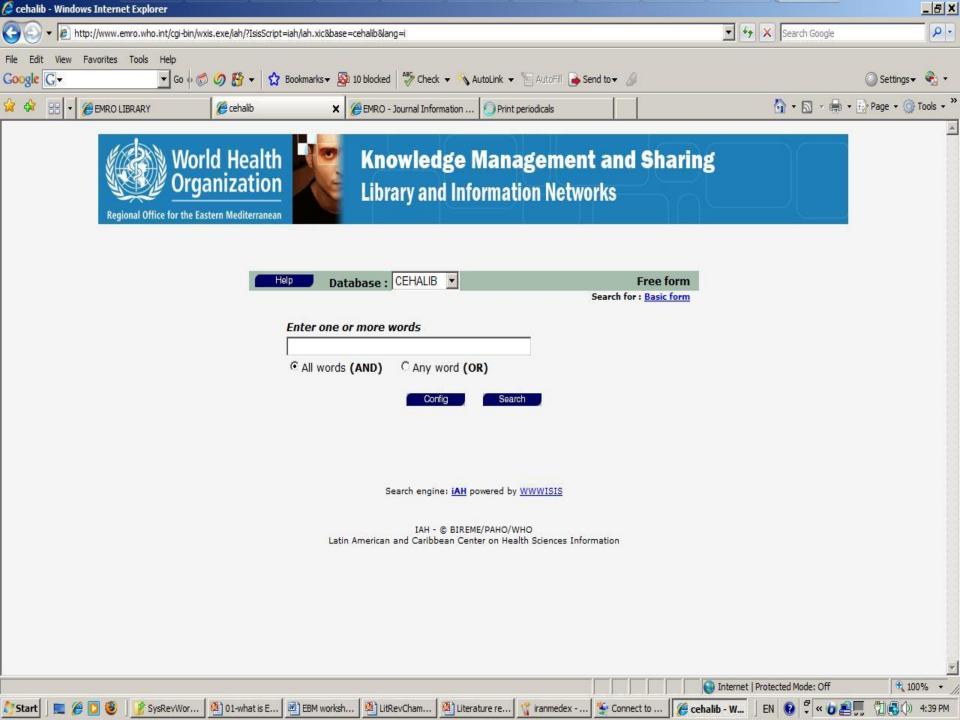
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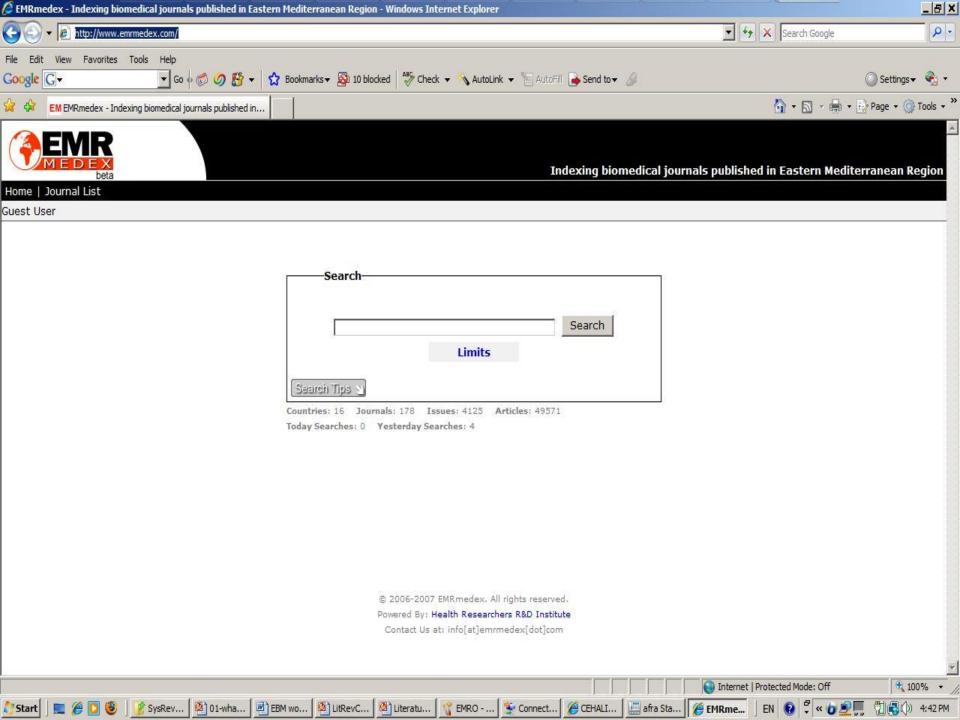
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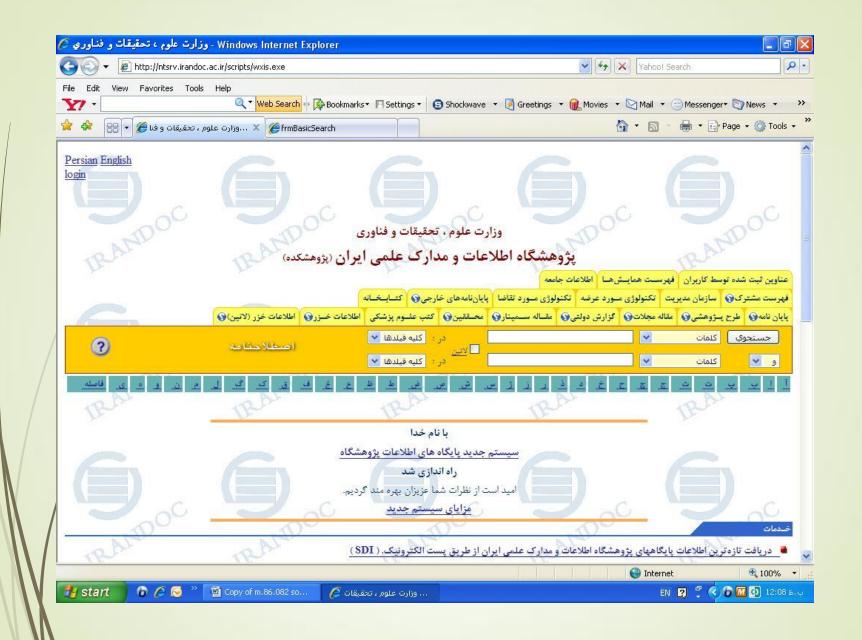














Source on the Internet for finding different publication type

- Guidelines
 - National Library of Guidelines
 - www.library.nhs.uk/guidelinesfinder
 - National Guideline Clearinghouse
 - www.guideline.gov
 - Professional Organization
 - www.ipl.gov/div/subject/browse/hea00 .00.00

Systematic review

Cochrane Library

www.thecochranelibrary.org

PubMed Clinical queries

http://www.ncbi.nlm.nih.gov/pubmed/clinical

National Library for Health Specialist Libraries

www.library.nhs.uk/specialistlibraries

Patient Information

Health On the Net Foundation

www.hon.ch

NHS Choices

www.nhs.uk/Conditions/Pages/bodymap.aspx

 Consumer and Patient Health Information Section (CAPHIS)

http://caphis.mlanet.org/consumer

New York Online Access to Health (NOAH)

www.noah-health.org/en/search/health.html

Randomized Controlled trials

Cochrane Library

www.thecochranelibrary

PubMed Clinical Queries

http://www.ncbi.nlm.nih.gov/pubmed/clinical

Clinical databases

AMED, CINAHL, EMBASE, MEDLINE, PSYCINFO

- Trial registers
 - Current Controlled Trials-www.controlled-trials.com
 - Clinical Trials-http://clinicaltrials.gov
 - MRC Clinical Trials Unit-www.CTU.mrc.ac.uk
 - National Cancer Institute www.cancer.gov/clinicaltrials/search

Subject gateways

ute: www.intute.ac.uk/healthandlifesciences/medicine

- National Library for Health: www.library.nhs.uk
- National Library of Medicine: www.nlm.nih.gov
- Pinakes: www.hw.ac.uk/libwww/irn/pinakes.html
- SUMSearch: http://sumsearch.uthscsa.edu
- TRIP Database: www.tripdatabase.com

Search engine

- Gøogle: www.google.com
- Altavista: www.av.com
- Googlescholar: http://scholar.google.co.uk
- Yahoo: <u>www.yahoo.co.uk</u>

/S my Query about a specific topic?

Drug Information

- UK: www.bnf.org
- US: <u>www.fda.gov</u>
- Merck manual: www.merck.com/mmpe/index.html

Safety Information

- UK: www.mhra.gov.uk/index.htm
- US: www.fda.gov/cder/index.html
- Europe: www.emea.europa.eu/home.htm
- WHO: <u>www.who.int/medicines/en</u>

Subject Specific

- e.g. Cancer, Diabetes, Mental Health
- UK specialist libraries: www.library.nhs.uk/specialistlibraries
- British Heart Foundation: www.bhf.org.uk
- Patient groups (e.g. Anticoagulation Europe: www.Anticoagulationeurope.org)
- Clinician Association (e.g. American Health Association: www.americanheart.org)

References

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- Straus S. Evidence Based Medicine: How to Practice and Teach EBM. Elsevier, 2005.

Thanks for your attention