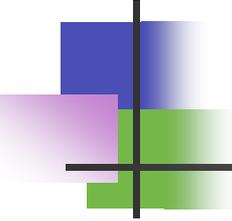


# Looking in All the Wrong Places: PubMed for Public Librarians

**[Name]**  
**Consumer Health Coordinator**  
**NN/LM, [Region]**

**E-mail: [address]**



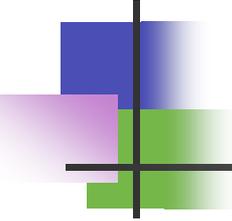


# Objectives

---



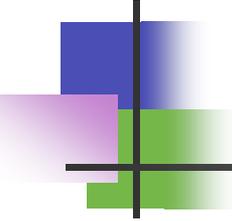
- Perform basic literature searches in MEDLINE via the PubMed interface using:
  - Limits
  - Field Searching
  - Journals Database
  - Single Citation Matcher
  - Obtain full-text of the articles



# Pretest

---

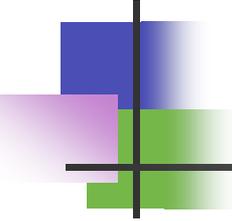
- What do the acronyms NLM and MeSH stand for?
- What is the name of the largest biomedical database in the world?
- What is the difference between MEDLINE and PubMed?



# National Library of Medicine

---

- The world's largest biomedical library
- NLM is the producer of:
  - MEDLINE
  - PubMed
  - MedlinePlus.gov
- Visit the National Library's Home Page at:
  - <http://www.nlm.nih.gov>



# What is PubMed?

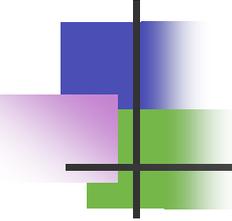
---

- Produced by the National Center for Biotechnology Information & the National Library of Medicine
- Accessible worldwide at no charge
- PubMed includes:
  - MEDLINE (1966 to present)
  - In-process & Publisher Supplied citations
  - OLDMEDLINE (1950s to 1965)

# What is MEDLINE?

- The world's largest biomedical database
- MEDLINE covers:
  - Medicine
  - Dentistry
  - Veterinary Science
  - Nursing
  - Other Biological Sciences

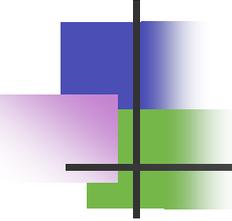




# What is MEDLINE?

---

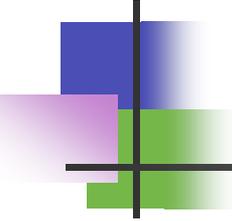
- 4,800 journals are indexed
- Covers all aspects of biosciences and healthcare
- Database of 14+ million journal citations



# What is MEDLINE, continued?

---

- Covers 1966 to the present
- Coverage worldwide, 85% are in English
- 76% have abstracts



# What is MeSH?

---

- MeSH – Medical Subject Headings
  - Controlled vocabulary terms
    - Brain Edema, Otitis Media, Myocardial Infarction

## **Breast Neoplasms**

[Breast Neoplasms, Male](#)

[Mammary Neoplasms](#)

[Mammary Neoplasms, Experimental](#)

[Phyllodes Tumor](#)

# How do I access PubMed?

---



- Directly at: <http://pubmed.gov>
- Or, National Library of Medicine's homepage: <http://www.nlm.nih.gov>

# PubMed Screen Layout

Query Box aka  
Search Box

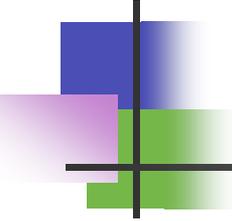
The screenshot shows the PubMed website interface. At the top, there is a navigation bar with the NCBI logo, the PubMed logo, and the National Library of Medicine (NLM) logo. To the right of the NLM logo are links for "My NCBI", "Sign In", and "Register". Below the navigation bar is a search bar with the text "Search PubMed" and a dropdown menu. To the right of the search bar are "Go" and "Clear" buttons. Below the search bar is a row of feature tabs: "Limits", "Preview/Index", "History", "Clipboard", and "Details". The "Clipboard" tab is highlighted with a green arrow pointing from the "Query Box aka Search Box" annotation. Below the tabs is a list of search instructions:

- Enter one or more search terms, or click [Preview/Index](#) for advanced searching.
- Enter [author names](#) as smith jc. Initials are optional.
- Enter [journal titles](#) in full or as MEDLINE abbreviations. Use the [Journals Database](#) to find journal titles.

Below the instructions is a paragraph of text: "PubMed, a service of the National Library of Medicine, includes over 20 million citations for biomedical articles back to the 1950's. These citations are from MEDLINE and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources." Below this text are two sections: "Bookshelf Additions" and "My NCBI". The "Bookshelf Additions" section has an orange header and contains a list of books with small thumbnail images. The "My NCBI" section has a purple header and contains text about a new default filter and the My NCBI service. At the bottom of the page is a blue banner with the text "New Global NCBI Search Engine".

Feature Tabs

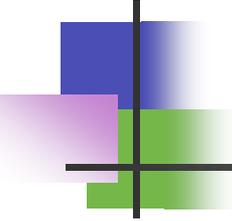
Blue  
Sidebar



# PubMed.gov

---

- Translates lay terms into medical subject headings
  - *Heart Attack into Myocardial Infarction*
- Links to selected free articles through publishers' web sites
- Most articles are written for health professionals



# Subject Searching

---

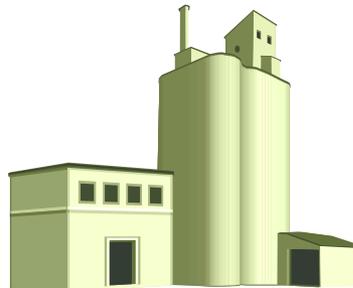
- Terms (keywords)
  - *heart*
  - *heart attack*
  - *heart attack surgery*

# Searching PubMed

---

- Let's use this search:

*"I was exposed to asbestos for years at the paper mill. Can that cause gastrointestinal cancer?"*



# Entering Your Search Terms

- Enter terms: ***asbestos gastrointestinal cancer***

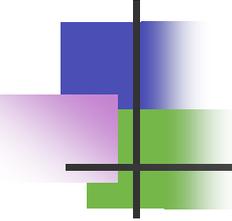
The screenshot shows the PubMed search results page. At the top, the NCBI logo is on the left, and the PubMed logo is in the center. To the right of the PubMed logo is the National Library of Medicine (NLM) logo, and further right is the 'My NCBI' section with links for 'Sign In' and 'Register'. Below the logos is a navigation bar with links for Entrez, PubMed, Nucleotide, Protein, Genome, Structure, OMIM, PMC, Journals, and Books. The search bar contains the text 'asbestos gastrointestinal cancer' and has buttons for 'Go', 'Clear', and 'Save Search'. Below the search bar are tabs for 'Limits', 'Preview/Index', 'History', 'Clipboard', and 'Details'. The 'Display' dropdown is set to 'Summary', and the 'Show' dropdown is set to '20'. The 'Sort' dropdown is set to 'Relevance'. The 'Send to' dropdown is set to 'Text'. The results show 'All: 222' and 'Review: 29'. The first two results are listed below:

Items 1 - 20 of 222

Page 1 of 12 Next

1: [Luo SQ, Mu SH, Wang JT, Zhang Y, Wen QB, Cai SP.](#) Related Articles, Links  
[A study on risk of malignant neoplasm and environmental exposure to crocidolite]  
Sichuan Da Xue Xue Bao Yi Xue Ban. 2005 Jan;36(1):105-7. Chinese.  
PMID: 15702795 [PubMed - in process]

2: [Reid A, Ambrosini G, de Klerk N, Fritschi L, Musk B.](#) Related Articles, Links  
Aerodigestive and gastrointestinal tract cancers and exposure to crocidolite (blue asbestos): incidence and mortality among former crocidolite workers.  
Int J Cancer. 2004 Sep 20;111(5):757-61.  
PMID: 15252847 [PubMed - indexed for MEDLINE]



# How Does PubMed Interpret What You Type in the Box?

---

- PubMed uses **Automatic Term Mapping** and maps to:
  - Medical Subject Headings – medical terms
  - Phrases
  - Author Name – lastname initial(s), e.g., smith j, smith ja
  - Journal Titles – full journal title, MEDLINE abbreviation, ISSN

*How do you think PubMed searched your terms?*

# The Details tab

Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for asbestos gastrointestinal cancer   [Save Search](#)

[Limits](#) [Preview/Index](#) [History](#) [Clipboard](#) **Details**

**Query Translation:**

```
("asbestos"[MeSH Terms] OR asbestos[Text Word]) AND  
(("gastrointestinal neoplasms"[TIAB] NOT Medline[SB])  
OR "gastrointestinal neoplasms"[MeSH Terms] OR  
gastrointestinal cancer[Text Word])
```

**Result:**

[222](#)

**Translations:**

asbestos	"asbestos"[MeSH Terms] OR asbestos[Text Word]
gastrointestinal cancer	("gastrointestinal neoplasms"[TIAB] NOT Medline[SB]) OR "gastrointestinal neoplasms"[MeSH Terms] OR gastrointestinal cancer[Text Word]

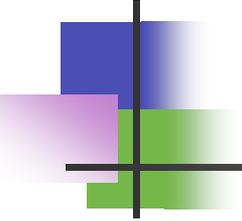
**Database:**

PubMed

**User query:**

asbestos gastrointestinal cancer

The **Details** tab shows you how PubMed translated your search terms



# When to Limit?

---

- There are many reasons for refining a search strategy. You may want to:
  - Exclude foreign language titles
  - Look for articles published within a certain timeframe
  - Retrieve articles that focus on women or perhaps just children

# A quick glance at the results....

[Square brackets quickly identify foreign language articles.]

- 4: [Sun T, Li L, Shi N, Zhang X](#) Related Articles, Links  
[A 40-year cohort study on cancer mortality among female workers with manual spinning of chrysotile asbestos]  
Wei Sheng Yan Jiu. 2003 Nov;32(6):511-3. Chinese.  
PMID: 14963894 [PubMed - indexed for MEDLINE]
- 5: [Chen R, Froom P](#) Related Articles, Links  
The CUSCORE test and the q-interval in cluster analyses of colon cancer and of lymphoma among asbestos workers.  
Stat Med. 2003 Oct 15;22(19):3101-9.  
PMID: 12973790 [PubMed - indexed for MEDLINE]
- 6: [Coggiola M, Bosio D, Pira E, Piolatto PG, La Vecchia C, Negri E, Michelazzi M, Bacaloni A](#) Related Articles, Links  
An update of a mortality study of talc miners and millers in Italy.  
Am J Ind Med. 2003 Jul;44(1):63-9.  
PMID: 12722137 [PubMed - indexed for MEDLINE]
- 7: [Kishimoto T](#) Related Articles, Links  
[A case of triple malignancies (gastric cancer, lung cancer and malignant pleural mesothelioma) after asbestos exposure]  
Nihon Kogyukai Gakkai Zasshi. 2003 Apr;41(4):304-9. Japanese.  
PMID: 12795187 [PubMed - indexed for MEDLINE]
- 8: [Cavazza A, Nigrisoli E, De Marco L, Paci M, Annessi V, Agostini L, Gardini G](#) Related Articles, Links  
[Bronchiolitis obliterans-organizing pneumonia (BOOP) containing asbestos bodies: clinico-pathological study of a case]  
Pathologica. 2001 Dec;93(6):681-4. Italian.  
PMID: 11785122 [PubMed - indexed for MEDLINE]
- 9: [Muller AM, Fischer S, Neumann V, Muller KM, Fischer M](#) Related Articles, Links  
[Association of asbestos fibers and colon cancer: an electron-microscopic study of mineral fiber concentrations in colon tissue of asbestos-exposed and non-exposed patients with and without colon cancer]  
Z Gastroenterol. 2001 Dec;39(12):993-1000. German. No abstract available.  
PMID: 11753783 [PubMed - indexed for MEDLINE]
- 10: [Goldberg MS, Parent ME, Siemiatycki J, Desy M, Nadon L, Richardson L, Lakhani R, Latreille B, Valois MF](#) Related Articles, Links  
A case-control study of the relationship between the risk of colon cancer in men and exposures to occupational agents.  
Am J Ind Med. 2001 Jun;39(6):531-46.

# The Limits tab

PubMed National Library of Medicine NLM

pubMed Nucleotide Protein Genome Structure OMIM PMC Journals

for asbestos gastrointestinal cancer Go Clear

Limits Preview/Index History Clipboard Details

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search [limits](#) may exclude in process and publisher supplied citations.

Limited to:

All Fields   only items with abstracts

Publication Types  Languages  Subsets

Ages  Humans or Animals  Gender

Entrez Date

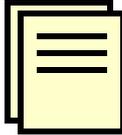
Publication Date  From    To

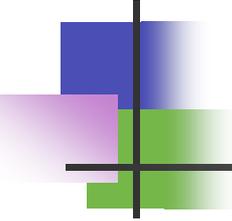
Use the format YYYY/MM/DD; month and day are optional.

Use the **Limits** tab to limit by **Age** Group, **Publication** Type, Specific **date** or date range, **Language**, **Gender** and more...

# Working with Results

---

- Citations display in batches of 20 with most recent additions on top.
- Use the check boxes to select multiple citations to view
- Click on icons  for more information, such as the abstract



# Working with Results

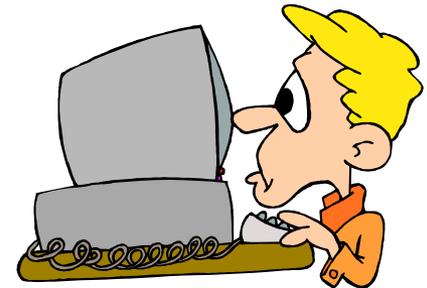
---

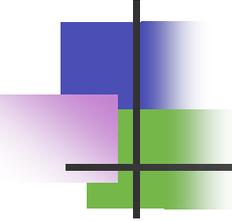
- The **Display** button is used with the following pull-down menus:
  - **Summary** lets you select other formats, such as Abstract, Brief or Citation format
  - The **Show** and **Sort** offer additional display options
  - Use **Send to** to **print, save, e-mail, order documents** or the **Clipboard** (a temporary holding bin)

# Are the actual articles online?

---

- If and only if:
  - Someone has invested the time and money to publish online
  - You or your library have purchased access to full text





# Document Delivery

---

- NLM's Loansome Doc Ordering System
  - A service that let's users obtain the full-text copies from a medical library
  - For more information go to:  
[http://www.nlm.nih.gov/loansomedoc/loansome\\_home.html](http://www.nlm.nih.gov/loansomedoc/loansome_home.html)
- Full-Text services via LinkOut
  - A fee will be charge
  - Supplier and price vary per service

# A Closer Look at Starting a Search

Enter search terms here  
and then click on **Go**.

National  
Library  
of Medicine  
NLM

My NCBI

[\[Sign In\]](#) [\[Register\]](#)

Genome Structure OMIM PMC Journals Books

Search PubMed for asbestos gastrointestinal cancer   [Save Search](#)

Limits Preview/Index History Clipboard Details

Display Summary Show: 20 Sort Send to Text

All: 222 Review: 29

Items 1 - 20 of 222

Page 1 of 12 Next

1: Luo SQ, Mu SH, Y

[A study on risk  
Sichuan Da Xue X  
PMID: 15702795]

Articles, Links

Add Limits like date, language,  
publication type, and more.

# Related Articles



Med Nucleotide Protein Genome Structure OMIM PMC Journals Books

for chin[Author] AND neurology[Journal] AND celiac   [Save Search](#)

Display Summary Show: 20 Sort Send to Text

All: 2 nyamlib: 1

Items 1 - 2 of 2

One page.

1: [Chin RL, Latov N.](#)

Peripheral Neuropathy and Celiac Disease.  
Curr Treat Options Neurol. 2005 Jan;7(1):43-48.  
PMID: 15610706 [PubMed - as supplied by publisher]

2: [Chin RL, Sander HW, Brannagan TH, Green PH, Hays AP, Alaedini A, Latov N.](#)

Celiac neuropathy.  
Neurology. 2003 May 27;60(10):1581-5. Review.  
PMID: 12771245 [PubMed - indexed for MEDLINE]

[Related Articles](#), [Links](#)

[Related Articles](#), [Links](#)

**Links**

- ▶ Substance via MeSH
- ▶ Books
- ▶ LinkOut

**Related Articles** – a pre-formulated search strategy to match other PubMed citations that are closely related to the selected citation

# Links to LinkOut



Med Nucleotide Protein Genome Structure OMIM PMC Journals Books

for chin[Author] AND neurology[Journal] AND celiac   [Save Search](#)

Display Summary Show: 20 Sort Send to Text

All: 2 nyamlib: 1

Items 1 - 2 of 2 One page.

1: [Chin RL, Latov N.](#) Related Articles, [Links](#)

Peripheral Neuropathy and Celiac Disease.  
Curr Treat Options Neurol. 2005 Jan;7(1):43-48.  
PMID: 15610706 [PubMed - as supplied by publisher]

2: [Chin RL, Sander HW, Brannagan TH, Green PH, Hays AP, Alaedini A, Latov N.](#) Related Articles, [Links](#)

Celiac neuropathy.  
Neurology. 2003 May 27;60(10):1581-5. Review.  
PMID: 12771245 [PubMed - indexed for MEDLINE]

**Links**

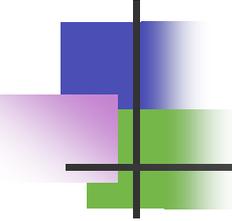
- ▶ Substance via MeSH
- ▶ Books
- ▶ LinkOut

**LinkOut** – connects you to other related resources, e.g., publishers, NLM resources and other organizations

# The Clipboard tab



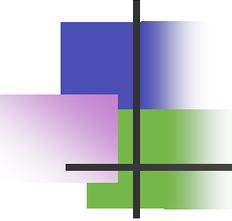
- Lets you keep track of the good ones while you are still searching
- How to:
  - #1: Check the citations to keep
  - #2: Use the **Send** pull-down menu to select Clipboard
  - #3: Click on **Send**.
- Will keep up to 500 records for 8 hours!



# Are there other ways to limit your search?

---

- Add additional terms to query box
  - *copd air pollution*
- Use Boolean Connectors
  - AND, OR, NOT

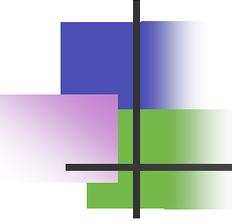


# Combination Searching

---

- Let's use the search:

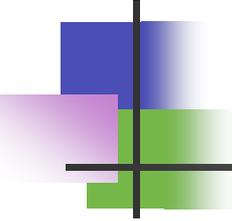
*"I am looking for an article from a few years ago (maybe 4-5 years ago) by Dr. **Keys** about **cervical cancer** treatment. It was published in the **New England Journal of Medicine.**"*



# Combination Searching

---

- PubMed uses Automatic Term Mapping and maps the search terms as:
  - keys → keys[All Fields]
  - cervical cancer → "cervix neoplasms" [MeSH Terms]
  - new england journal of medicine → "N Engl J Med"[Journal]



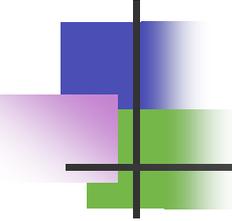
# Advanced Searching

---

- Let's use this search:

*"My child has celiac disease. I understand that Dr. Chin has done research on the neurological aspects of this and it was published in the journal Neurology."*

- We need to search in specific fields for this type of search – adding terms to the query box won't do.



# Preview/Index tab

---

- Preview the number of search results before displaying the citations
- Refine searches by adding one or more terms one at a time
- Add terms to a strategy from specific search fields

# Preview/Index tab

The screenshot shows the PubMed search interface. At the top, the PubMed logo is on the left, and the National Library of Medicine (NLM) logo is in the center. On the right, there is a 'My NCBI' button with links for '[Sign In]' and '[Register]'. Below the logos, a navigation bar contains links for 'PubMed', 'Nucleotide', 'Protein', 'Genome', 'Structure', 'OMIM', 'PMC', 'Journals', and 'Books'. The main search area has a text box containing 'chin[Author]' and buttons for 'Preview', 'Go', and 'Clear'. Below the search box, there are tabs for 'Limits', 'Preview/Index', 'History', 'Clipboard', and 'Details'. A green arrow points from the 'Preview/Index' tab to the search query. Below the tabs, there are instructions: 'Enter terms and click Preview to see only the number of search results.', 'To combine searches use # before search number, e.g., (#2 OR #3) AND asthma.', and 'Click on query # to add to strategy'. Below these instructions is a table titled 'Most Recent Queries' with columns for 'Search', 'Time', and 'Result'. The table contains two entries: '#2 Search keys cervical cancer new england journal of medicine' with a time of 11:57:38 and a result count of 1, and '#1 Search asbestos gastrointestinal cancer' with a time of 11:22:32 and a result count of 222. Below the table, there is a section titled 'Add Term(s) to Query or View Index:' with instructions: 'Enter a term in the text box; use the pull-down menu to specify a search field.' and 'Click Preview to add terms to the query box and see the number of search results, or click Index to view terms within a field.' Below these instructions is a text box with a pull-down menu set to 'Author' and buttons for 'Preview' and 'Index'. At the bottom, there are buttons for 'AND', 'OR', and 'NOT' to add a term to the query box.

PubMed

National Library of Medicine NLM

My NCBI  
[Sign In] [Register]

PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

for chin[Author] Preview Go Clear

Limits **Preview/Index** History Clipboard Details

- Enter terms and click Preview to see only the number of search results.
- To combine searches use # before search number, e.g., (#2 OR #3) AND asthma.
- Click on query # to add to strategy

Search	Most Recent Queries	Time	Result
#2	Search keys cervical cancer new england journal of medicine	11:57:38	<a href="#">1</a>
#1	Search asbestos gastrointestinal cancer	11:22:32	<a href="#">222</a>

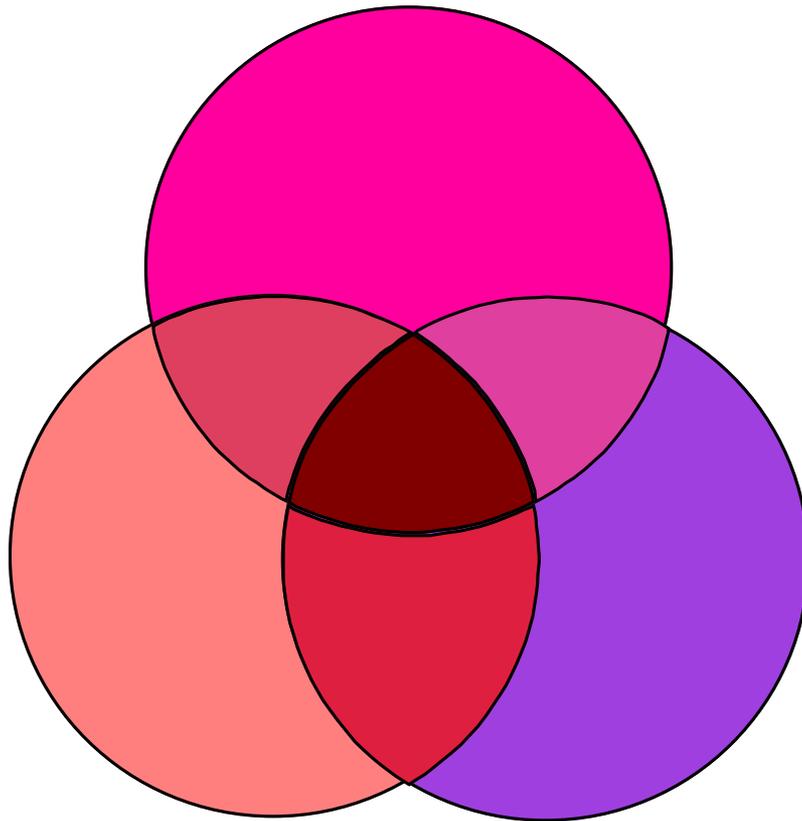
Add Term(s) to Query or View Index:

- Enter a term in the text box; use the pull-down menu to specify a search field.
- Click Preview to add terms to the query box and see the number of search results, or click Index to view terms within a field.

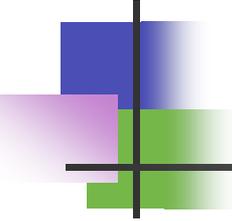
Author [v] Preview Index

Click AND OR NOT to add a term to the query box.

# Boolean Searching



- AND narrows
- OR broadens



# Boolean Searching, continued:

---

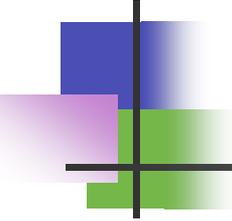
- Let's use the search:

*"A woman heard that there was a study published recently in either JAMA or in the New England Journal of Medicine on the effectiveness of a "virtual" colonoscopy."*

**JAMA**



The NEW ENGLAND  
JOURNAL of MEDICINE

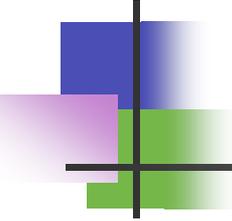


# Boolean Searching

---

Use AND, OR, NOT and parentheses:

*(jama OR new england journal of medicine)  
AND virtual colonoscopy*



# The History tab

---

- Shows the searches that you have done
- Searches are available for 8 hours if inactivity
- You can combine searches using the search number e.g. #2 AND #6.

# The History tab

PubMed National Library of Medicine

Med Nucleotide Protein Genome Struct

for (#1) Preview

Limits Preview/Index **History** Clipboard Details

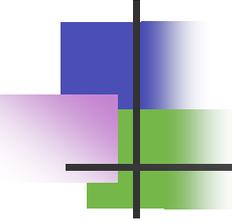
- Search History will be lost after eight hours of inactivity.
- To combine searches use # before search number, e.g., #2 AND #6.
- Search numbers may not be continuous; all searches are represented.
- Click on query # to add to strategy

Search	Most Recent Queries	Time	Result
#5	Search keys cervical cancer new england journal of medicine	21:05:18	<a href="#">1</a>
#6	Search chin[Author] AND neurology[Journal] AND celiac disease	20:49:14	<a href="#">2</a>
#4	Search (keys[All Fields] AND ("cervix neoplasms"[TIAB] NOT Medline[SB]) OR "cervix neoplasms"[MeSH Terms] OR cervical cancer[Text Word]) AND "N Engl J Med"[Journal] AND English[Lang] AND "2000/03/02 21.36"[EDAT] : "2005/03/01 21.36"[EDAT] Limits: ignored	20:36:29	<a href="#">0</a>
#3	Search keys cervical cancer new england journal of medicine Limits: 5 Years, English	20:36:13	<a href="#">0</a>
#2	Search asbestos gastrointestinal cancer Field: All Fields, Limits: 5 Years, English	20:35:42	<a href="#">10</a>
#1	Search asbestos gastrointestinal cancer	20:33:23	<a href="#">222</a>
#	Options	21:10:51	<a href="#">6</a>

Options

- ▶ AND
- ▶ OR
- ▶ NOT
- ▶ Delete
- ▶ Go
- ▶ Details
- ▶ Save in My NCBI

- Lists of searches that you have done
- Searches will be lost after 8 hrs of inactivity
- You can combine search using the search number, e.g., #2 and #6



# Journals Database

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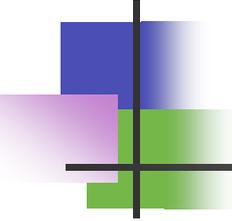
- Sometimes when performing a search, it is difficult to determine the full Journal name. You may see something like:
  - Arch Dis Child
  - Methods Find Exp Clin Pharmacol
  - BJOG
  - J Bone Miner Res
  - J Womens Health Gend Based Med

# Journals Database Search

The screenshot displays a search interface with a navigation bar at the top containing tabs for Med, Nucleotide, Protein, Genome, Structure, OMIM, PMC, Journals, and Books. The search bar contains the text "for arch dis child" and includes "Go", "Clear", and "Save Search" buttons. Below the search bar are buttons for "Limits", "Preview/Index", "History", "Clipboard", and "Details". A "Suggestions" section lists various journal titles such as "Arch dis child", "Am j dis child", "Ama j dis child", "Arch child health", "Chronic dis can", "Arch ital chir", "Chin j dig dis", "J dent child", "J dent child chic", "Br j dis chest", and "more...". The display format is set to "Summary" and "Show" is set to "20". A "Send to" dropdown is set to "Text". There are "All 2" and "x" buttons. The results section shows "Items 1 - 2 of 2" and "One page." Two search results are listed:

- 1: [Archives of disease in childhood.](#)  
pISSN: 0003-9888  
eISSN: 1468-2044  
MEDLINE Abbr: Arch Dis Child  
ISO Abbr: Arch. Dis. Child.  
NLM ID: [0372434](#)
- 2: [Archives of disease in childhood. Fetal and neonatal edition.](#)  
pISSN: 1359-2998  
eISSN: 1468-2052  
MEDLINE Abbr: Arch Dis Child Fetal Neonatal Ed  
NLM ID: [9501297](#)

On the right side, there are "Links" labels and a "Links" dropdown menu. The "Links" dropdown menu is open, showing options: PubMed, Single Citation Matcher, and NLM Catalog. Green arrows point from the "Links" label to the dropdown menu and from the search bar to the first result.



# Single Citation Matcher

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- Let's use the search:

“I know that there was an article published in **2001** in **JAMA** about the quality of information on the Internet. The researchers used search engines to retrieve health information in English and Spanish. There were a bunch of authors, but I don't know their names. I do know that the words **English** and **Spanish** were in the title. Can you find this?”

# Single Citation Matcher

Entrez PubMed Nucleotide Protein Genome Structure OMIM

About Entrez

Text Version

Entrez PubMed

Overview  
Help | FAQ  
Tutorial  
New/Noteworthy  
E-Utilities

PubMed Services

Journals Database  
MeSH Database  
**Single Citation  
Matcher**  
Batch Citation Matcher  
Clinical Queries  
LinkOut  
Cubby

Related Resources

Order Documents  
NLM Gateway

Enter information about the article you wish to find.

Journal:

Date:

Volume:  Issue:  First page:

Author's last name and initials (e.g., Smith BJ)

Title words:

Notes:

- You may omit any item if you wish
- Journal titles may be entered in full or as valid MEDLINE abbrevia
- For Date, you may enter yyyy, yyyy/mm, or yyyy/mm/dd. For exam  
1998/03/06
- Author names are automatically truncated to account for varying in  
match on smith ja, smith jb, smith jc jr, etc. Enclose author names i  
that exact match e.g. "smith i"



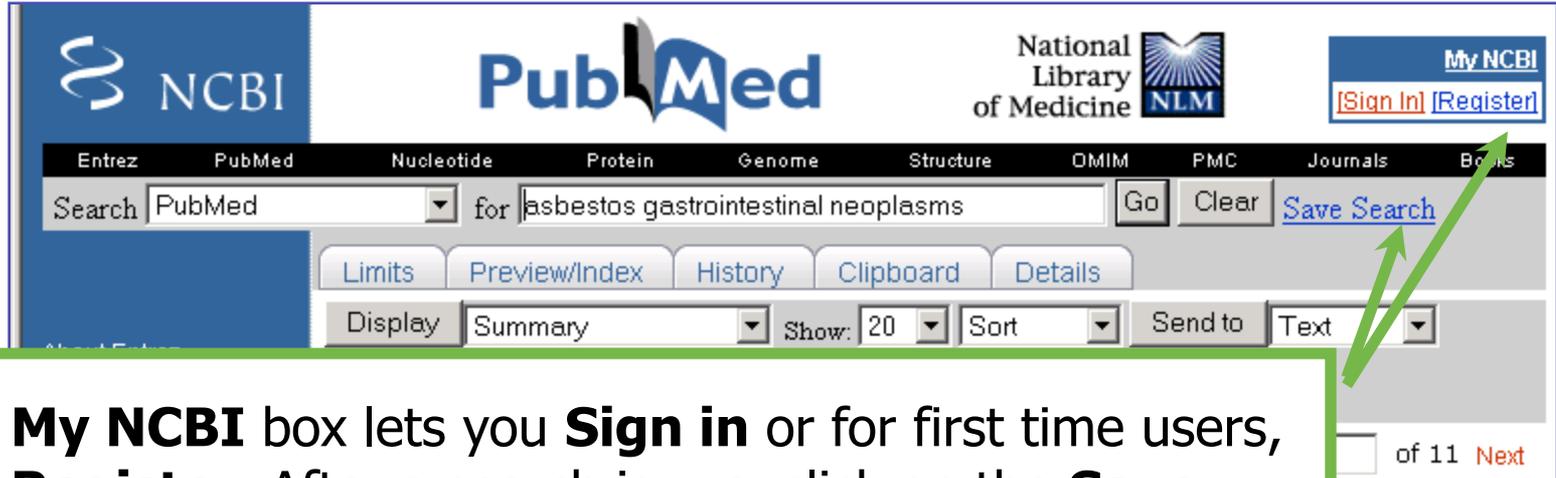
# Saved Searches

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- This new PubMed feature allows you to:
  - Save search strategies and set-up automatic email updates
  - Select filters that customize and sort your search results
  - *and more...*
- This feature replaces **Cubby**



# Saved Searches



**My NCBI** box lets you **Sign in** or for first time users, **Register**. After a search is run, click on the **Save Search** link to save the search strategy.



# Saved Searches

After you sign in, the **Save Search** box displays. 1) **Enter a name for your search** (something meaningful), 2) click **Yes** or **No** for automatic e-mail updates and 3) click **OK** after you have made your selections.

The screenshot shows a dialog box titled "Save Search" from a Microsoft Internet Explorer browser window. The browser's address bar shows "My NCBI - Microsoft Internet Explorer". The dialog box has a blue header with the title "Save Search". Below the header, it says "Your search in PubMed" followed by the search term "asbestos gastrointestinal neoplasms". There is a text input field with the label "Enter a name for your search:" and the text "asbestos gastrointestinal neoplasms" entered. Below the input field, there is a question: "Would you like to receive e-mail updates of new search results?" with two radio button options: "No" (selected) and "Yes". At the bottom of the dialog box, there are two buttons: "OK" and "Cancel".



# Saved Searches

Click on **My NCBI** to update saved searches. Click check boxes to get **What's New** for selected searches. Click on **No Schedule** to get email updates.

Entrez PubMed Nucleotide

Search PubMed for

Limits Preview/

About Entrez

Entrez PubMed Overview Help | FAQ

My NCBI Resources

- Saved Searches
- Filters **NEW** (Includes LinkOut)
- Document Delivery
- Outside Tool
- User Preferences
- Change Password
- Sign Out

### My Saved Searches

Search PubMed	Last Updated	Details
<input type="checkbox"/> <a href="#">asbestos gastrointestinal neoplasms</a>	today	<a href="#">No Schedule</a>
<input type="checkbox"/> <a href="#">breast cancer</a>	6 days ago	<a href="#">No Schedule</a>
<input type="checkbox"/> <a href="#">Asbestos Gastrointestinal Cancer -- Mr. Jones</a>	4 months ago	<a href="#">No Schedule</a>
<input type="checkbox"/> <a href="#">Health Literacy Search</a>	19 days ago	<a href="#">No Schedule</a>
<input type="checkbox"/> <a href="#">Consumer Health Information Search</a>	19 days ago	<a href="#">No Schedule</a>
<input type="checkbox"/> <a href="#">gallstones pain</a>	2 years ago	<a href="#">No Schedule</a>
<input type="checkbox"/> <a href="#">consumer health on the internet and physicians</a>	2 years ago	<a href="#">No Schedule</a>
<input type="checkbox"/> <a href="#">vitamin c common cold</a>	2 years ago	<a href="#">No Schedule</a>

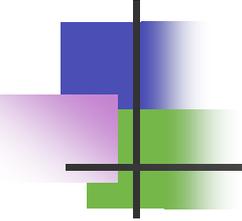
**What's New for Selected** **Delete Selected**



# Saved Searches

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- Important My NCBI Note:
  - *Record your user name and password!*



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# EXERCISES

# Customer Support & Contact Info

- NLM Customer Support



UNITED STATES

National Library of Medicine

- If you need assistance or have questions, please contact the **NLM Help Desk**:
  - **E-mail:** [custserv@nlm.nih.gov](mailto:custserv@nlm.nih.gov)
  - **Phone:** 1.888.346.3656

- NN/LM Contact Information:

- National Web site: <http://nnlm.gov>
- Your Regional Web site: <http://nnlm.gov/mar>
- Phone: 1.800.338.7657

