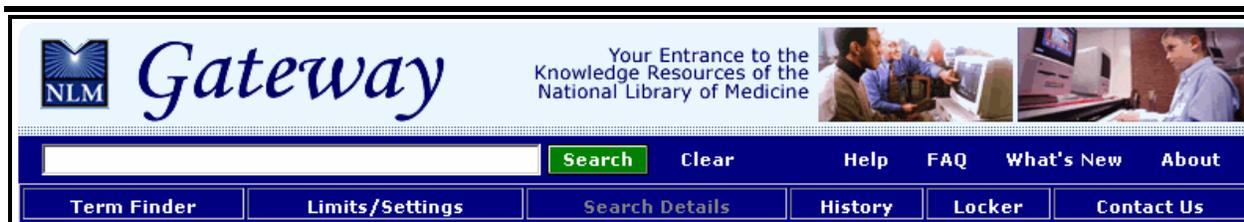


Gateway





(<http://gateway.nlm.nih.gov>)

Introduction

What?

- The NLM Gateway allows you to search simultaneously in multiple NLM retrieval systems using a single search interface.
- The Gateway was developed by the Lister Hill National Center for Biomedical Communications (LHNCBC) at the National Library of Medicine (NLM).
- Currently the Gateway searches:
 - ◆ **PubMed** ◆ **TOXLINE Special** ◆ **NLM Catalog** ◆
 - ◆ **HIV/AIDS-related, Health Services Research-related, and Space Life Sciences Meeting Abstracts** ◆
 - ◆ **MedlinePlus: Health Topics Drug Information** ◆
Medical Encyclopedia Current Health News Health Tutorials
 - ◆ **ClinicalTrials.gov** ◆ **Genetics Home Reference** ◆
 - ◆ **DIRLINE: Directory of Health Organizations** ◆
 - ◆ **HSRProj: Health Services Research Projects in Process** ◆
 - ◆ **HSDB: Hazardous Substances Data Bank** ◆
 - ◆ **OMIM: Online Mendelian Inheritance in Man** ◆
- NLM Gateway is the *only* search interface for the Meeting Abstracts.
- Other systems (PubMed, NLM Catalog, MedlinePlus) retain their own search interfaces.

Who?

Potential Gateway users could be:

- Users new to NLM's online resources who do not know what type of information is available or how best to search for it.
- Users who want "one-stop searching."
- Users who want to search resources that are only in the NLM Gateway.

Where?

- On the NLM home page, click on List of NLM Databases and Resources. At the next screen, click on NLM Gateway. **URL: <http://gateway.nlm.nih.gov>**

Gateway Home Page

Below the Gateway banner is the search query box, to the right of which are links to information about the NLM Gateway and its use: **Help** **FAQs** **What's New** and **About**. Under the search query box is the Features bar.



Gateway
Your Entrance to the Knowledge Resources of the National Library of Medicine

Search Clear Help FAQ What's New About

Term Finder Limits/Settings Search Details History Locker Contact Us

Enter term(s) in the box above to search across the following NLM resources:

Bibliographic Resources ⓘ

MEDLINE/PubMed - journal citations, abstracts	TOXLINE Special - toxicology citations
NLM Catalog - books, AVs, serials	Meeting Abstracts

Consumer Health Resources ⓘ

MedlinePlus - Health Topics	MedlinePlus - Health Tutorials
MedlinePlus - Drug Information	ClinicalTrials.gov
MedlinePlus - Medical Encyclopedia	DIRLINE - Directory of Health Organizations
MedlinePlus - Current Health News	Genetics Home Reference

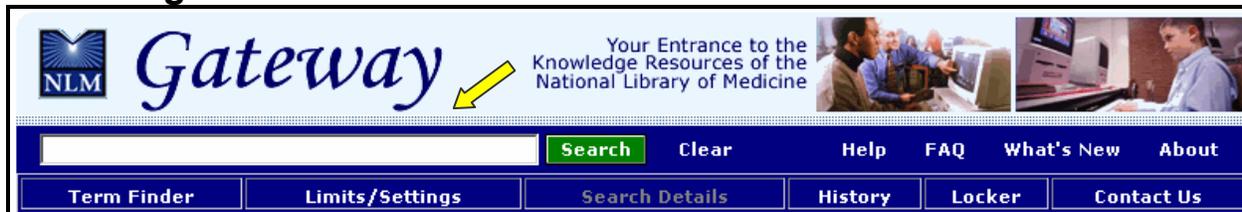
Other Information Resources ⓘ

HSRProj - Health Services Research Projects	HSDB - Hazardous Substances Data Bank
OMIM - Online Mendelian Inheritance in Man	

[U.S. National Library of Medicine](#) | [National Institutes of Health](#) | [Health & Human Services](#)
[Privacy](#) | [Copyright](#) | [Accessibility](#) | [Freedom of Information Act](#)

The list of collections that Gateway searches is arranged in 3 categories: Bibliographic Resources, Consumer Health Resources, and Other Information Resources. Each collection name links to its home web site.

Searching



- Enter the search term(s) in the query box.
- Click on “Search” or use the Enter key.



The query box is available from every screen. You do not have to return to the homepage to enter a new search.

Searching Tips

- The default Gateway search is a subject search.
- You may enter one or more terms in the query box.
Example: vitamins
 vitamin c aged
 vitamin c aged common cold
- Multi-word search terms are searched as phrases when Gateway’s Phrase Detection function identifies them as such.
- Search terms are mapped to MeSH (Medical Subject Headings) terms. For example, if your search term is heart attack, the phrase is mapped to myocardial infarction. Myocardial infarction is searched as a MeSH term in addition to heart attack being searched as text word. This mapping helps to provide more comprehensive results.
- For terms with British and American spellings, the text word search will include both the British and the American spelling of the word.
- Search terms are automatically combined (ANDed) together.

Boolean Operators

- Use AND, OR, and NOT.
- The default Boolean operator is AND.
- Boolean operators AND, OR, and NOT must be in upper case (e.g., vitamin c OR zinc).
- The Gateway processes the AND and OR Boolean operators in a left-to-right sequence.
- The NOT operator is processed first.
- Nesting: You can change the order in which the Gateway processes the AND and OR operators in a search statement by enclosing the unit in parentheses. The terms inside the set of parentheses will be processed as a unit and then incorporated in the overall strategy.

Examples:

Wrinkles AND (Vitamin E OR Vitamin C)
hay fever AND (claritin OR zyrtec)

Searching by Fields

- Searches can be refined using field qualifiers
- All field qualifiers should be entered *after* the search term.
- Field qualifiers must be in square brackets.
- Field qualifiers may be either the search field label (i.e., [**Language**]) or tag (i.e., [**LA**])
- Field qualifiers may be in upper or lower case.
- Unqualified terms should be entered after all qualified terms or should be separated with a Boolean operator (AND, OR, NOT).

Examples:

spanish [LA]
lead screening[ti] children
common cold AND vitamin c[mh]



The Gateway's **Help** lists all allowable search fields for every collection and their abbreviations.

- The most commonly used field qualifiers are Author, Title, and MeSH.

Author Name Searching

- Enter the author name in the format last name plus initials (no punctuation), followed by the field qualifier (i.e., [au] or [author]).
- You may enter only the last name or the last name and the first initial if you do not know the middle initial. The Gateway will truncate an author search for MEDLINE/PubMed, NLM Catalog, Meeting Abstracts, and HSRProj. There is no author field in the MedlinePlus collections, ClinicalTrials.gov, Genetics Home Reference, DIRLINE, HSDB, and OMIM.

Examples:

Harris M [AU]
charron-prochownik d [au] AND siminerio [au]
Ferris F 3rd [author]

Note:

You may search for investigators in **HSRProj** and **NLM Catalog** collections using the author field qualifier. Investigator names in the HSRProj collection are displayed as full names but must be searched in the format last name plus initials (no punctuation).

Title Searching

- Enter one or more title words followed by the field qualifier (i.e., [ti] or [title]).

Examples:

AIDS [title] sexually transmitted diseases [title]
lyme disease [ti]
quality of life [title]
managed care [ti] quality [ti]

MeSH Searching

- Enter the MeSH term followed by the field qualifier (i.e., [mh] or [mesh]).
- Subheadings may be entered in full or the two-character abbreviation may be used.
- To search for a MeSH term with one or more subheadings, enter the MeSH term, a forward slash, and one or more subheadings, followed by the field qualifier (e.g., [mesh]).
- If multiple subheadings are entered for one MeSH term, the subheadings will be ORed together (e.g., myocardial infarction/su/dt [mh] is equivalent to myocardial infarction/su [mh] OR myocardial infarction/dt [mh]).

Examples:

Melanoma [mh]
lyme disease[mh]
macular degeneration/therapy [mesh]
Knee Injuries/di/co [mh]

- Explosions : If a MeSH term or MeSH major topic is entered, it will be automatically exploded only in PubMed/MEDLINE and NLM Catalog.
- To turn off automatic explosion, enter the MeSH field qualifier followed by ":noexp" (e.g., [mh:noexp])
- For other collections, MeSH terms are not exploded.

Spell Check

Gateway processes search terms through a spell checker. If a spelling error is found, Gateway displays a notice.

Results Summary: 0 records found [\[Add Search to Favorites \]](#)

Note: There may be a misspelling in your query. [Details](#)

Bibliographic Resources ⓘ

<ul style="list-style-type: none"> 0 MEDLINE/PubMed - journal citations, abstracts 0 LocatorPlus - NLM catalog 	<ul style="list-style-type: none"> 0 TOXLINE Special - toxicology citations 0 Meeting Abstracts
----------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

[Details](#) of the Spell Check reports the term(s) entered incorrectly and offers suggested corrections.

Spell Check

Possible misspellings are shown below, with alternatives listed. Select one or type another term into the text box. Click on "Search with Correction(s)" to rerun the search.

<p>disphagia</p> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 5px;">dysphagia</div> <div style="border: 1px solid gray; height: 40px; width: 80%; margin-bottom: 5px;"></div> <div style="border: 1px solid gray; width: 80%; margin-bottom: 5px;"></div>	<p>intreferon</p> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 5px;">interferon</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 5px;">interferone</div> <div style="border: 1px solid gray; padding: 2px; margin-bottom: 5px;">intravirion</div> <div style="border: 1px solid gray; height: 40px; width: 80%; margin-bottom: 5px;"></div> <div style="border: 1px solid gray; width: 80%; margin-bottom: 5px;"></div>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

[Search With Correction\(s\)](#) [Cancel](#)

Search Results

Results Summary

When the search is completed, the Gateway displays the Results Summary: the number of **Items Found** in each collection.

Results Summary for “hay fever” search:

The screenshot shows the NLM Gateway search interface. At the top, the search term 'hay fever' is entered in a search box, with a 'Search' button and a 'Clear' button. Navigation links include 'Help', 'FAQ', 'What's New', and 'About'. Below the search bar are buttons for 'Term Finder', 'Limits/Settings', 'Search Details', 'History', 'Locker', and 'Contact Us'. The main content area displays the 'Results Summary: 11001 records found' with a link to '[Bookmark this Search]'. The results are categorized into three sections: Bibliographic Resources, Consumer Health Resources, and Other Information Resources. Each section contains a table of collections with their respective counts. An arrow points to the 'TOXLINE Special' collection in the Bibliographic Resources section.

Collection	Count
MEDLINE/PubMed - journal citations, abstracts	9233
NLM Catalog - books, AVs, serials	170
TOXLINE Special - toxicology citations	807
Meeting Abstracts	5
MedlinePlus - Health Topics	179
MedlinePlus - Drug Information	398
MedlinePlus - Medical Encyclopedia	170
MedlinePlus - Current Health News	9
MedlinePlus - Health Tutorials	2
ClinicalTrials.gov	4
DIRLINE - Directory of Health Organizations	1
Genetics Home Reference	0
HSRProj - Health Services Research Projects	0
OMIM - Online Mendelian Inheritance in Man	9
HSDB - Hazardous Substances Data Bank	14

To display the results for a collection, click on the collection **name** or **number** of results.

To save the search strategy, click on **[Bookmark this Search]** on the Results Summary.

The screenshot shows a dialog box titled 'Bookmark this Search'. It contains a table with the following data:

Results	Count
Total	249723
Bibliographic	
PubMed	231632
NLM Catalog	5257
TOXLINE Special	9341
Meeting Abstracts	888
Consumer Health	
MedlinePlus ...	

Below the table, there is a link to 'Create storable search page' and a message: 'The NLM Gateway does not currently support the saving of an individual collection's results.'

Then click on **Create storable search page**. A new browser window will open with the Results Summary page for the search. Use the browser's Bookmarks or Favorites feature to save the search. Then close the browser window. Click on **Results** on the Gateway sidebar or use the browser's Back button to return to the Results Summary.

Results Display

Example: Results for PubMed

Page – fill in a page number & click to jump to it. | Select an action to perform on selected items or all items on page

Results	PubMed Results (Items 1 - 20 of 9224)
Total 11030	◀ Prev Page 1 of 462 Next ▶ <input type="text" value="1"/> Select an action <input type="button" value="Go"/>
Bibliographic	
PubMed 9224	1 <input type="checkbox"/> Rhinophototherapy: A new therapeutic tool for the management of allergic rhinitis. Koreck AI, Csoma Z, Bodai L, Ignacz F, Kenderessy AS, Kadozca E, Szabo G, Bor Z, Erdei A, Szony B, Homey B, Dobozy A, Keme J Allergy Clin Immunol. 2005 Mar;115(3):541-7. PMID: 15753902 [PubMed - in process] Related Articles
NLM Catalog 170	2 <input type="checkbox"/> Allergy-like conditions and health-care contacts among children with exclusion diets at school. Gunnarsson N, Marklund B, Ahlstedt S, Borell L, Nordstrom G. Scand J Caring Sci. 2005 Mar;19(1):46-52. PMID: 15737165 [PubMed - in process] Related Articles
TOXLINE Special 807	3 <input type="checkbox"/> Number of offspring and maternal allergy. Forastiere F, Sunyer J, Farchi S, Corbo G, Pistelli R, Baldacci S, Simoni M, Agabiti N, Perucci CA, Viegi G. Allergy. 2005 Apr;60(4):510-4. PMID: 15727585 [PubMed - in process] Related Articles
Meeting Abstracts 5	4 <input type="checkbox"/> Exhaled nitric oxide in a population-based study of asthma and allergy in schoolchildren. Nordvall SL, Janson C, Kalm-Stephens P, Foucard T, Toren K, Alving K. Allergy. 2005 Apr;60(4):469-75. PMID: 15727578 [PubMed - in process] Related Articles
Consumer Health	5 <input type="checkbox"/> Margarine Consumption, Asthma, and Allergy in Young Adults: Results of the German National Health Survey 1998. Bolte G, Winkler G, Holscher B, Thefeld W, Weiland SK, Heinrich J. Ann Epidemiol. 2005 Mar;15(3):207-213. PMID: 15723766 [PubMed - as supplied by publisher] Related Articles
MedlinePlus ...	6 <input type="checkbox"/> Opposing effects of emphysema, hay fever, and select genetic variants on lung cancer risk. Schabath MB, Deldos GL, Martynowicz MM, Greisinger AJ, Lu C, Wu X, Spitz MR. Am J Epidemiol. 2005 Mar 1;161(5):412-22. PMID: 15718477 [PubMed - in process] Related Articles
Health Topics 177	7 <input type="checkbox"/> Extent of exposure to environmental tobacco smoke (ETS) and its dose-response relation to respiratory health an Maziak W, Ward KD, Rastam S, Mzayek F, Eissenberg T. Respir Res. ;6(1):13. PMID: 15701169 [PubMed - in process] Related Articles Free in PMC Free at producer site
Drug Info 437	
Med Encyclopedia 109	
Health News 11	
Health Tutorials 2	
ClinicalTrials.gov 4	
DIRLINE 1	
Genetics Home Ref 0	
Other Resources	
HSRProj 0	
OMIM 9	
HSDB 14	
Bookmark this Search	

[Related Articles](#) takes you to a set of citations closely related to the selected article.

[Free in PMC](#) links to the full-text article in PubMed Central.

[Free at producer site](#) links to the full-text article at the producer's web site.

Clicking on a title displays an expanded or fuller view of the item.

Using **Select an action**

Use the pulldown menu to **Select an action** to perform on selected items or number of items.

PubMed Results (Items 181 - 200 of 9224)

◀ Prev Page of 462 Next ▶

Select an action ▼ Go

Select an action
 Download/Display
 Send via e-mail
 Put in locker
 Order documents

181 **Assessing individual employee risk of occupational asthma in primary aluminium smelting.**
 Barnard CG, McBride DI, Firth HM, Heppner DA, et al. *Occup Environ Med.* 2004 Jul;61(7):604-608. PubMed - indexed for MEDLINE
[PMID: 15208376](#) [[PubMed - indexed for MEDLINE](#)]
[Related Articles](#)

182 **[Clinical features of Mediterranean hay fevers]**
 Charpin D, Boutin-Forzano S, Gouitaa M. *Allerg Immunol (Paris).* 2004 May;36(5):191-2. French. No abstract available.

Download/Display

- On the Results display, select citations you wish to download or display further.
- Select **Download/Display** on the **Select an action** pulldown menu. Click **Go**.
- Make your selections from the Download or Display screen.

Download or Display page:

Download or Display

NOTE: The maximum number of items for downloading is 500. Downloading hundreds of items may take several minutes.

Results from PubMed

Starting with item fetch items.

Details

Format

Destination

Download as

- Use the **Fetch** pull-down menu to select the number of items to download or display. The maximum number of items for downloading/displaying at one time is 500.
- Use the **Details** pull-down menu to select the display content. Choices are Brief, Expanded, and Complete. The default details is Brief.
- Use the **Format** pull-down menu to select the format: the default Format is Unlabelled. Labelled = labels each field with the full field name. Export = labels each field with the field name abbreviation. The Export format is used for importing data into bibliographic management programs.

- Use the **Destination** pull-down menu to select the destination for the items to be downloaded or displayed. Choices are Display in Browser, Display for Printing, Save to File, and Send via Email. The default destination is Display in Browser.
- Use the **Download as** pull-down menu to select Text or Html. The default is Text.
- Click **Go**.

Send via e-mail

Note: the E-mail Results page is similar to the Download or Display page for the top five lines –

E-mail Results

NOTE: The maximum number of items for sending via e-mail is 500. Sending hundreds of items may take several minutes.

Results from PubMed

Starting with item fetch items.

Details

Format

Send as

E-mail address

Added E-mail message (optional)

Enter an e-mail address in the box provided. An accompanying message may be entered in its designated box. Click **Send**. The email address is verified and you are notified that the data was successfully sent or when an error in the address causes the e-mail delivery to fail. The latter enables the user to correct the address and ensure delivery of the e-mail.

Download data emailed to : demseyan@mail.nih.gov.

E-mail Results

Order Documents

To order items from your current search, use the Order Documents button. The Order Documents button enables you to order documents directly from the Results Display page.

- **Please note that items may only be ordered from PubMed**
- Use checkboxes to select items for ordering.
- The Gateway Document Ordering page will be displayed, containing your selected items. Note: articles that have Free full text in PubMed Central or at the producer's web site are flagged with a link to the full-text and do not need to be ordered.

Document Ordering

The Order Documents button will open a new browser window to Loansome Doc Ordering.

A list of 3 document(s) you have requested will be forwarded. Follow the Loansome Doc instructions to complete your document order.

Order

1. Randomized controlled trial of high-dose sublingual immunotherapy to treat seasonal allergic rhinitis.

Smith H, White P, Annala I, Poole J, Andre C, Frew A.
 J Allergy Clin Immunol. 2004 Oct;114(4):831-7.
 PMID: 15480323 [PubMed - indexed for MEDLINE]
 From PubMed

2. Effectiveness of intranasal corticosteroids.

Grzincich G, Capra L, Cammarata MG, Spaggiari C, Pisi G.
 Acta Biomed Ateneo Parmense. 2004 Apr;75(1):22-5.
 PMID: 15315083 [PubMed - indexed for MEDLINE]
 From PubMed

3. Preventive and curative effects of Gyokuheifu-san, a formula of traditional Chinese medicine, on allergic rhinitis induced with Japanese cedar pollens in guinea pig.

Makino T, Ito Y, Sasaki SY, Fujimura Y, Kano Y.
 Biol Pharm Bull. 2004 Apr;27(4):554-8.
 PMID: 15056865 [PubMed - indexed for MEDLINE]
 From PubMed
[Free at producer site](#)

- Review your choices.
 [Note: for Free full text, you may go to the articles in PubMed Central or the producer's site at this time or later. To continue with the ordering process for the other articles: Return to the selections on the Results Display and "uncheck" those that are Free in PubMed Central. Click "Order Documents" on the display page once more].
- Click the "Order Documents" button on the Ordering Page.
- The Loansome Doc Ordering page will open in a separate browser window.
- You can also order documents through your Locker and its 'Order Documents' feature. (See the section on Locker.)

Gateway Sidebar

On the left side of each page displaying results is a list of all of the collections that Gateway searches and the number of results found in each for the current search. Click on a collection to go directly to the 1st results page of that collection.

Example: Click on NLM Catalog to view the results from that collection –

The image shows two screenshots from the NLM Gateway. The left screenshot is the 'Results' sidebar, and the right screenshot is the 'NLM Catalog Results' page. A yellow arrow points from the 'NLM Catalog' link in the sidebar to the results page.

Results Sidebar:

Results	
Total	11030
Bibliographic	
PubMed	9224
NLM Catalog	170
TOXLINE Special	807
Meeting Abstracts	5
Consumer Health	
MedlinePlus ...	
Health Topics	177
Drug Info	437
Med Encyclopedia	169
Health News	11
Health Tutorials	2
ClinicalTrials.gov	4
DIRLINE	1
Genetics Home Ref	0
Other Resources	
HSRProj	0
OMIM	9
HSDB	14
Bookmark this Search	

NLM Catalog Results (Items 1 - 20 of 170)

Total: 11030

Page 1 of 9

Select an action Go

1 **Medical pharmacology at a glance**
 Neal, M J
 5th ed.
 Malden, Mass. : Blackwell Pub., 2005.
 NLM ID: [101239264](#) [Book]

2 **Body snatchers**
 Films for the Humanities (Firm)
 Princeton, N.J. : Films for the Humanities & Sciences, c2004.
 NLM ID: [101235344](#) [videorecording]

Click on **Results** on the sidebar to go to the Results Summary Page.

Click on **Bookmark this search** to save the search strategy. Then click on **Create storable search page**. A new browser window will open with the Results Summary page for the search. Use the browser's Bookmarks or Favorites feature to save the search. Then close the browser window. Click on **Results** on the Gateway sidebar or use the browser's Back button to return to the Results Summary.

Practice Exercises

1. Locate information on alternative medicine and arthritis. Are there any clinical trials currently recruiting volunteers (i.e., “Status: Recruiting”)?
2. Find organizations where I can obtain information about Sleep Apnea. How many were retrieved?
3. Find information in the English language that discusses cancer of the larynx. [Remember: Gateway support Searching by Fields] Select several NLM Catalog results and display the selected items in the Expanded and Labelled format.
4. Search on Agent Orange. How many articles are found in Toxline Special? Send 10 articles to the instructor’s email address. Add a message/comment and signature to your email.
5. Are there any items by Michael E. DeBakey in NLM Catalog? Are there any videorecordings about surgery? What type of surgery is the topic?
6. Search photic sneeze reflex. From citations, meetings abstracts, or genetic information (i.e., OMIM collection) determine the syndrome name by which it is known.

Suggested Answers: Practice Exercises

1. Locate information on alternative medicine and arthritis. Are there any clinical trials currently recruiting volunteers (i.e., "Status: Recruiting")?

Type the search terms in the query box. Use the Enter key or click on the **Search** button.

The screenshot shows the NLM Gateway search interface. At the top left is the NLM logo. To its right is the word "Gateway" in a large, blue, cursive font. Below this is a search box containing the text "alternative medicine AND arthritis". To the right of the search box are two buttons: a green "Search" button and a "Clear" button. Below the search box are three buttons: "Term Finder", "Limits/Settings", and "Search".

Display Results for ClinicalTrials.gov. Note those that are currently recruiting.

ClinicalTrials.gov Results (Items 1 - 20 of 21)

◀ Prev Page of 2 Next ▶ ▼ Go

- 1 **Use of Complementary and Alternative Medicine Among Older Mexican Americans**
 Conditions: Arthritis; Diabetes Mellitus; Fractures; Hypertension; Depression; Urinary Incontinence
<http://clinicaltrials.gov/show/NCT00084110>
 Status: Terminated
- 2 **Women's Use of Alternative Medicine: A Multiethnic Study**
 Conditions: Uterine Fibroids; Osteoporosis; Urinary Tract Infection; High Blood Pressure; Heart Disease; Arthritis; Depression; Headaches
<http://clinicaltrials.gov/show/NCT00067249>
 Status: Completed
- 3 **Efficacy of Acupuncture with Physical Therapy for Knee Osteo-Arthritis**
 Conditions: Osteoarthritis
<http://clinicaltrials.gov/show/NCT00035399>
 Status: Recruiting

2. Find organizations where I can obtain information about Sleep Apnea. How many were retrieved?

Step 1: Type the search terms in the query box. Use the Enter key or click on the **Search** button.



sleep apnea Search

Term Finder Limits/Settings Search

Step 2: Note number of results for DIRLINE - Directory of Health Organizations.

Consumer Health Resources i	
118 MedlinePlus - Health Topics	0 MedlinePlus - Health Tutorials
62 MedlinePlus - Drug Information	0 ClinicalTrials.gov
672 MedlinePlus - Medical Encyclopedia	6 DIRLINE - Directory of Health Organizations
21 MedlinePlus - Current Health News	0 Genetics Home Reference

- Find information in the English language that discusses cancer of the larynx. [Remember: Gateway supports Searching by Fields] Select several NLM Catalog results and display the selected items in the Expanded and Labeled format

Step 1: Type the search terms in the query box, qualifying English by Language [la]. (Note: you can use the full name of the language or the 3-letter code, e.g., eng) Use the Enter key or click on the **Search** button.

cancer AND larynx AND english [la]		Search
Term Finder	Limits/Settings	Search

OR

english [la] cancer larynx		Search
Term Finder	Limits/Settings	Search

Step 2: Select Results from NLM Catalog.

Bibliographic Resources i	
7837 MEDLINE/PubMed - journal citations, abstracts	292 TOXLINE Special - toxicology citations
162 NLM Catalog - books, AVs, serials	4 Meeting Abstracts

Step 3: Select several results from NLM Catalog. In **Select an action**, select Download/Display.

NLM Catalog Results (Items 1 - 20 of 162)

◀ Prev Page 1 of 9 Next ▶ Download/Display Go

1 **Looking forward-- : the speech and hearing book for people with cancer of the larynx or tongue**
 Thomas, Jack E; Keith, Robert L
 4th ed.
 New York : Thieme Medical Publishers, c2005.
 NLM ID: [101230096](#) [Book]

2 **Imaging of the head and neck**
 Mafee, Mahmood F; Valvassori, Galdino E; Becker, M (Minerva)
 2nd ed.
 Stuttgart ; New York : Thieme, 2005.
 NLM ID: [101229571](#) [Book]

3 **Practical essentials of intensity modulated radiation therapy**
 Chao, K S Clifford; Apisarnthanarax, Smith; Ozyigit, Gokhan
 2nd ed.
 Philadelphia : Lippincott Williams and Wilkins, c2005.
 NLM ID: [101226208](#) [Book]

4 **Flexible bronchoscopy**
 Wang, Ko Pen; Mehta, Atul C; Turner, J Francis
 2nd ed.
 Malden, Mass. : Blackwell Pub., c2004.
 NLM ID: [101165459](#) [Book]

5 **Endoscopic management of glottic cancer**

Step 4: Select **Expanded** Details and **Labelled** Format. Click **Go**.

Download or Display

NOTE: The maximum number of items for downloading is 500. Downloading hundreds of items may take several minutes.

Results from Selected Items

Starting with item fetch items.

Details

Format

Destination

Download as

Step 5: View displayed records.

Display Results
Displaying items 1 - 3 of 3 from **Selected Items**.

1. Title(s): **Imaging of the head and neck / Mahmood F. Mafee, Galdino E. Valvassori, Minerva Becker ; with contributions by J.S. Lewin, S.G. Nour, and A.L. Weber.**

Author(s): Mafee, Mahmood F; Valvassori, Galdino E; Becker, M (Minerva)

Edition: 2nd ed.

Publisher: Stuttgart ; New York : Thieme, 2005.

Language: English

ISBN: 313100942X (GTV : alk. paper)
1588900096 (TNY : alk. paper)

MeSH:

- *Diagnostic Imaging
- Head and Neck Neoplasms/radiography
- Head/*radiography
- Neck/radiography

Notes: Valvassori's name appears first on the earlier ed.
Includes bibliographical references and index.

Contents: Imaging of the temporal bone / Dr. Valvassori -- Eye and orbit / Dr. Mafee -- Base of the skull / Dr. Mafee -- Imaging of the nasal cavity and paranasal sinuses / Dr. Mafee -- Temporomandibular joint / Dr. Mafee -- Mandible and maxilla / Dr. Weber -- Nasopharynx / Dr. Mafee -- Parapharyngeal spaces / Dr. Lewin -- Salivary glands / Dr. Mafee -- Oral cavity and oropharynx / Dr. Becker -- Larynx and hypopharynx / Dr. Becker -- Other infrahyoid neck lesions / Dr. Becker.

NLM ID: [101229571](#) [Book]
From NLM Catalog

4. Search on Agent Orange. How many articles are found in Toxline Special? Send 10 articles to the instructor's email address. Add a message/comment and signature to your email.

Step 1: Type the search terms in the query box. Use the Enter key or click on the **Search** button. Display results for Toxline Special. Select 10 citations.

agent orange [Help](#) [FAQ](#) [What's New](#) [At](#)

Term Finder **Limits/Settings** **Search Details** **History** **Locker** **Contact**

Results TOXLINE Special Results (Items 1 - 20 of 512)

Total 1647

◀ Prev Page 1 of 26 Next ▶

Bibliographic

PubMed 277

NLM Catalog 43

TOXLINE Special 512

Meeting Abstracts 0

Consumer Health

MedlinePlus ...

Health Topics 9

Drug Info 673

Med Encyclopedia 65

Health News 4

1 **AIR FORCE WILL STUDY MEN WHO SPRAYED AGENT ORANGE**
J. AM. MED. ASSOC. 1980, 243(2) 102-103

2 **AGENT ORANGE TOXICITY: A QUANTITATIVE PERSPECTIVE**
STEVENS KM
HUM. TOXICOL. 1981, 1() 31-39

3 **THORACIC SOFT-TISSUE SARCOMA IN VIETNAM VETERANS EXPOSED TO AGENT ORANGE: LETTER**
SARMA PR, JACOBS J
N. ENGL. J. MED. 1982, 306(18) 1109

Step 2: Go to **Select an action** at either the top or the bottom of the page. Select **Send via e-mail**. Click **Go**.

20 **HIGH PRESSURE LIQUID CHROMATOGRAPHY URINARY PORPHYRINS PROFILES AFTER EXPOSURE TO 2 4-D AND 2 4 5-T**

PTRYKA ZJ, PIERACH CA, CODARIO RA
66TH ANNUAL MEETING OF THE FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY, NEW ORLEANS, LA., USA, APRIL 15-23, 1982. FED PROC; 41 (4). 1982. ABSTRACT 5490.

TOXLINE Special Results (Items 1 - 20 of 512)

◀ Prev Page 1 of 26 Next ▶

Download/Display
Send via e-mail
Put in locker

[U.S. National Library of Medicine](#) | [National Institutes of Health](#) | [Human Services](#)
[Privacy](#) | [Copyright](#) | [Accessibility](#) | [Freedom of Information Act](#)

Step 4: Enter e-mail address and message. Click **Send**.

E-mail Results

NOTE: The maximum number of items for sending via e-mail is 500. Sending hundreds of items may take several minutes.

Results from Selected Items

Starting with item fetch items.

Details

Format

Send as

E-mail address

Added E-mail message (optional)

Success!	<input type="button" value="▲"/>
Student Extraordinaire	<input type="button" value="▼"/>

5. Are there any articles written by Michael E. DeBakey in Toxline Special?

Step 1: Type the search in the query box, using the 'author' field qualifier [author] or [au]. Use the Enter key or click on the **Search** button

The screenshot shows a search interface with a text input field containing 'debakey me [au]' and a green 'Search' button. Below the input field are three buttons: 'Term Finder', 'Limits/Settings', and 'Search'.

Step 2: Display results for Toxline Special.

Results	
Total	497
Bibliographic	
PubMed	449
NLM Catalog	47
TOXLINE Special	1
Meeting Abstracts	0
Consumer Health	
MedlinePlus ...	
Health Topics	0

TOXLINE Special Results (Items 1 - 1 of 1)	
◀ Prev Page <input type="text" value="1"/> of 1 Next ▶	<input type="text" value="Select an action"/> ▼ Go
1 <input type="checkbox"/> Cold Injury, Ground Type in World War II (Medical Department, United States Army).	
Wayne TF, DeBakey ME, Coates JB, McFetridge EM Govt Reports Announcements & Index (GRA&I), Issue 18, 2004	
TOXLINE Special Results (Items 1 - 1 of 1)	
◀ Prev Page <input type="text" value="1"/> of 1 Next ▶	<input type="text" value="Select an action"/> ▼ Go

6. Search photic sneeze reflex. From citations, meetings abstracts, or genetic information (i.e., OMIM collection) determine the syndrome name by which it is known.

Step 1: Type the search terms in the query box. Use the Enter key or click on the **Search** button. Display PubMed results. Use sidebar to go to OMIM results.

The screenshot shows the PubMed search interface. The search box contains 'photic sneeze reflex' and the 'Search' button is highlighted. The results page displays 'PubMed Results (Items 1 - 11 of 11)'. A sidebar on the left lists various databases with counts: Bibliographic (14), PubMed (11), NLM Catalog (0), TOXLINE Special (1), Meeting Abstracts (0), Consumer Health, MedlinePlus ..., Health Topics (0), Drug Info (0), Med Encyclopedia (0), Health News (0), Health Tutorials (0), ClinicalTrials.gov (0), DIRLINE (0), Genetics Home Ref (0), Other Resources, HSRProj (0), OMIM (2), and HSDB (0). The main results list five items:

- The photic sneeze reflex and ocular anesthesia.**
Wessels IF, Wessels DA, Zimmerman GJ.
Ophthalmic Surg Lasers. 1999 Mar;30(3):208-11.
PMID: 10100255 [PubMed - indexed for MEDLINE]
[Related Articles](#)
- Sudden unexpected sneezing during the insertion of peribulbar block under propofol sedation.**
Abramson DC.
Can J Anaesth. 1995 Aug;42(8):740-3.
PMID: 7586116 [PubMed - indexed for MEDLINE]
[Related Articles](#)
- Photic sneeze reflex.**
Keeton TK.
Neurology. 1995 Jul;45(7):1422. No abstract available.
PMID: 7617210 [PubMed - indexed for MEDLINE]
[Related Articles](#)
- The photic sneeze reflex as a risk factor to combat pilots.**
Breitenbach RA, Swisher PK, Kim MK, Patel BS.
Mil Med. 1993 Dec;158(12):806-9.
PMID: 8108024 [PubMed - indexed for MEDLINE]
[Related Articles](#)
- The photic sneeze reflex: literature review and discussion.**

Step 2: Note syndrome name in displayed OMIM results.

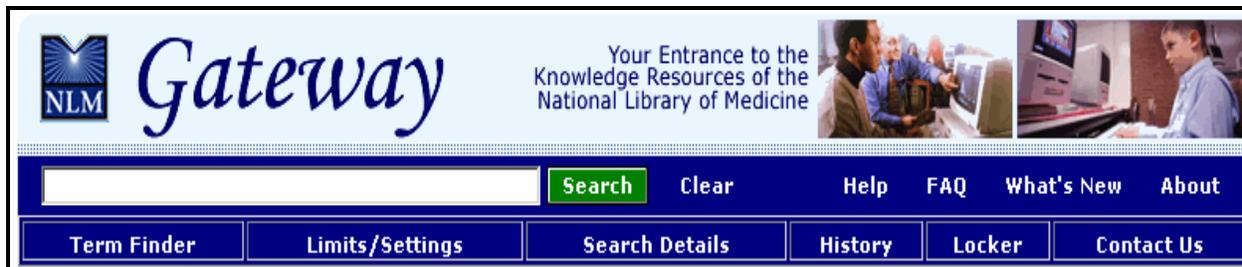
The screenshot shows the OMIM search interface. The search box contains 'photic sneeze reflex' and the 'Search' button is highlighted. The results page displays 'OMIM: Online Mendelian Inheritance in Man Results (Items 1 - 2 of 2)'. A sidebar on the left lists various databases with counts: Bibliographic (14), PubMed (11), NLM Catalog (0), TOXLINE Special (1), Meeting Abstracts (0), Consumer Health, MedlinePlus ..., Health Topics (0), Drug Info (0), Med Encyclopedia (0), and Health News (0). The main results list two items:

- ACHOO SYNDROME**
- GASTRIC SNEEZING**

Below the results, there is a second section titled 'OMIM: Online Mendelian Inheritance in Man Results (Items 1 - 2 of 2)' with navigation controls.

Features

Gateway's *Features* enhance and/or refine search and display operations. The *Features Bar* is located under the search query box.



Term Finder

- Use Term Finder to select search terms from the MeSH vocabulary and the Unified Medical Language System (UMLS) metathesaurus.
- Click on **Term Finder** on the Features Bar.

On the initial **Term Finder** screen, type the term you want to find, e.g., **shingles**.

Term Finder

Find terms, their definitions, and related terms, using NLM's MeSH and UMLS Metathesaurus.

Find term:

- Medical Subject Headings (MeSH) is NLM's controlled vocabulary thesaurus. MeSH terminology provides a consistent way to retrieve information that may use different terminology for the same concepts.
- NLM's Unified Medical Language System (UMLS) Metathesaurus contains information about biomedical concepts and terms from many sources.

After clicking on **Go**, you will see a graphic similar to that on the next page.

Note the definition.

Click on **Related Concepts** to see other related terms.

Click on **View MeSH Information** for additional details about the term.

Use the **Add to Search** button and the **Connector** pull-down to add this term to your search strategy.

Use the **Main point of item** checkbox to limit the term to the main point of the item.

Use the **Do not explode this term** checkbox to turn off automatic explosion in PubMed and NLM Catalog.

Click on **Subheading Definitions** if you need to check a subheading definition.

Select subheading(s) to attach to your term by clicking on the checkbox(s).

Note the MeSH hierarchical tree structure(s) where the term is found.

Concept Details

Herpes Zoster

An acute infectious, usually self-limited, disease believed to represent activation of latent varicella-zoster virus (HERPESVIRUS 3, HUMAN) in those who have been rendered partially immune after a previous attack of chickenpox. It involves the sensory ganglia and their areas of innervation and is characterized by severe neuralgic pain along the distribution of the affected nerve and crops of clustered vesicles over the area. (From Dorland, 27th ed)

Related Concepts View MeSH Information

Add to search using Connector: or

- Main point of item
 Do not explode this term

With Subheadings: [Subheading Definitions](#)

- | | |
|----------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> blood | <input type="checkbox"/> mortality |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> nursing |
| <input type="checkbox"/> chemically induced | <input type="checkbox"/> parasitology |
| <input type="checkbox"/> classification | <input type="checkbox"/> pathology |
| <input type="checkbox"/> complications | <input type="checkbox"/> physiopathology |
| <input type="checkbox"/> congenital | <input type="checkbox"/> prevention & control |
| <input type="checkbox"/> diagnosis | <input type="checkbox"/> psychology |
| <input type="checkbox"/> diet therapy | <input type="checkbox"/> radiography |
| <input type="checkbox"/> drug therapy | <input type="checkbox"/> radionuclide imaging |
| <input type="checkbox"/> economics | <input type="checkbox"/> radiotherapy |
| <input type="checkbox"/> embryology | <input type="checkbox"/> rehabilitation |
| <input type="checkbox"/> enzymology | <input type="checkbox"/> surgery |
| <input type="checkbox"/> epidemiology | <input type="checkbox"/> therapy |
| <input type="checkbox"/> ethnology | <input type="checkbox"/> transmission |
| <input type="checkbox"/> genetics | <input type="checkbox"/> ultrasonography |
| <input type="checkbox"/> history | <input type="checkbox"/> urine |
| <input type="checkbox"/> immunology | <input type="checkbox"/> veterinary |
| <input type="checkbox"/> metabolism | <input type="checkbox"/> virology |
| <input type="checkbox"/> microbiology | |

MeSH Tree 1

All MeSH Categories

Diseases (MeSH Category)

Virus Diseases

DNA Virus Infections

Herpesviridae Infections

Bell Palsy

Chickenpox

Cytomegalovirus Infections

Encephalitis, Herpes Simplex

Encephalitis, Varicella Zoster

Epstein-Barr Virus Infections

Herpes Simplex

Herpes Zoster

Herpes Zoster Ophthalmicus

Herpes Zoster Oticus

Zoster Sine Herpete

Infectious Bovine Rhinotracheitis

Malignant Catarrh

Marek Disease

Pseudorabies

Roseolovirus Infections

Sarcoma, Kaposi

- Adjust the 'shingles' search by selecting the subheading **complications**.
- Click on the **Add to Search** button. If there is no term already in the query box, the default connector **AND** will be ignored.

Concept Details

Herpes Zoster
 An acute infectious, usually self-limited, disease believed to represent activation of latent varicella-zoster virus (HERPESVIRUS 3, HUMAN) in those who have been rendered partially immune after a previous attack of chickenpox. It involves the sensory ganglia and their areas of innervation and is characterized by severe neuralgic pain along the distribution of the affected nerve and crops of clustered vesicles over the area. (From Dorland, 27th ed)

[Related Concepts](#) [View MeSH Information](#)

using Connector: or

Main point of item
 Do not explode this term

With Subheadings: [Subheading Definitions](#)

<input type="checkbox"/> blood	<input type="checkbox"/> mortality
<input type="checkbox"/> cerebrospinal fluid	<input type="checkbox"/> nursing
<input type="checkbox"/> chemically induced	<input type="checkbox"/> parasitology
<input type="checkbox"/> classification	<input type="checkbox"/> pathology
<input checked="" type="checkbox"/> complications	<input type="checkbox"/> physiopathology
<input type="checkbox"/> congenital	<input type="checkbox"/> prevention & control

The selected term is entered in the search query box.

Term Finder
Limits/Settings
Search

Term Finder
 Find terms, their definitions, and related terms, using NLM's MeSH and

Find term:

Use the Enter key or click on the **Search** button to have the Gateway run your search.

Limits/Settings

- Enter your search term in the query box. Click on **Limits/Settings** on the Features Bar.

Customize your search by using **Search Limits**:

Limits and Settings

Search Limits | Results Settings | Select Fields | Download/Display

You may restrict (or limit) your searches by setting the limits below.

English Only

Subsets

Publication dates (yyyy/mm/dd) from to (default is **all dates**)

Note: A setting entry will be ignored for collections that do not support it.

[Apply](#) [Save](#) [Restore Default](#)

[Restore All Settings to Default](#)

Note: You may [sign in](#) to use your saved settings. Don't have an account yet? [Create one now](#).

English Only Limit

- Searching all languages is the default.
- Click in the box to select English Only and limit your search to English language items only. *This limit is ignored in the collections in Consumer Health Resources and in the HSDB collection.*

Subsets

- Use the Subsets pulldown menu to select the subset to limit retrieval to particular items.
- You may apply no subsets or one subset.

Search Limits | Results Settings | Select Fields

You may restrict (or limit) your searches by setting

English Only

Subsets

Publication to

Note: A s collections that

[Apply](#) [Save](#) [Restore Default](#)

Publication Date Limit

- Searching all years is the default.
- Use the from/to boxes to limit your search to specific publication dates.
- One publication date or a date range may be searched.
- A publication date or date range may be searched using the format YYYY/MM/DD (e.g., from 1998/02/02 to 2000/12/31). Months and days are optional and will be used only in searching PubMed. All other collections will be searched for the publication year only.

This limit is ignored in the Consumer Health Resources and in the HSDB and OMIM collections.

Publication dates (yyyy/mm/dd) from to (default is **all dates**)

Note: A setting entry will be ignored for collections that do not support it.

[Apply](#) [Save](#) [Restore Default](#)

Restore All Settings to Default

Note: You may [sign in](#) to use your saved settings. Don't have an account yet? [Create one now](#).

- Click on **Apply** to apply the selections only to your current Gateway session.
- Click on **Save** to apply the selections to your current and future Gateway sessions.
- Click on **Restore Default** to return settings for the selected Limits/Settings tab to the Gateway default settings.
- Click on **Restore All Settings to Default** to return all settings to the Gateway default settings

To **Save** your settings, you are required to sign in with a User ID and Password. Registration is free. Gateway displays the verification: **User preferences saved.**

Sign in

Enter your User ID and password to sign in. Don't have an account yet? [Create one now](#).

User ID:

Password:

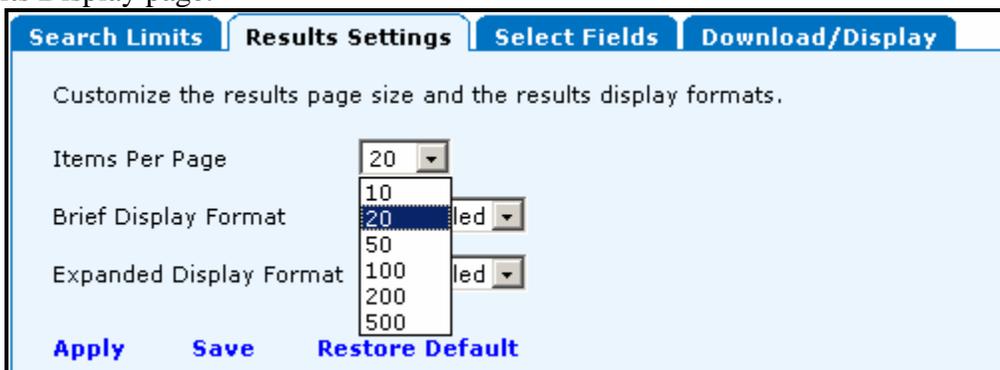
[Forgot Password?](#) [Change Password](#)

You must sign in to use the Locker or to save customized Limits and Settings. The Locker allows you to collect search items you select for printing, downloading, or document ordering. The Limits and Settings feature allows you to set personal choices to customize your search session.

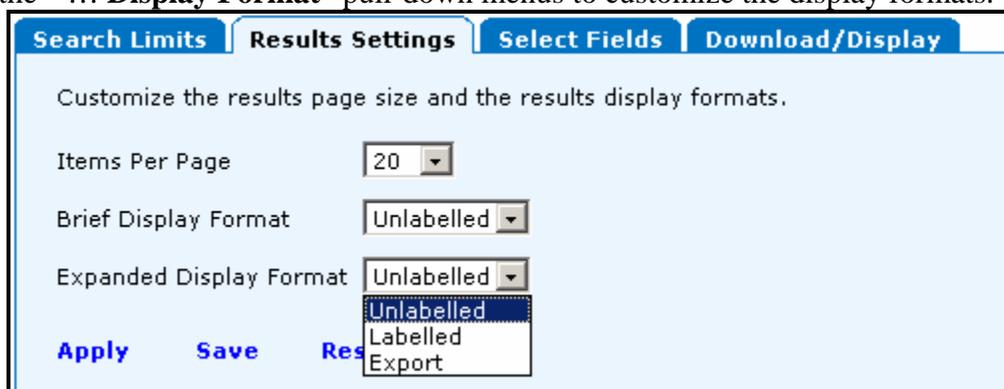
When you are signed in, use the Sign Out button that now appears on the Features Bar to exit your settings.

Customize your results display by using **Results Settings**:

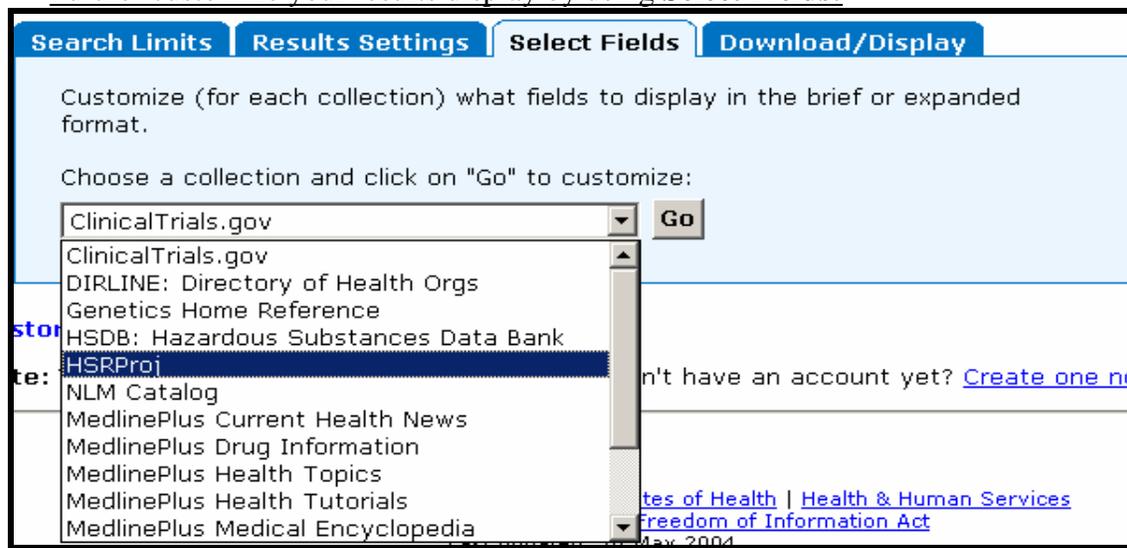
- Use the **Items per Page** pull-down menu to select the number of items displayed on the Results Display page.



- Use the “... **Display Format**” pull-down menus to customize the display formats.



Further customize your results display by using **Select Fields**:



Select a collection and click **Go**.

The graphic on this page shows the HSRProj field selection screen.

- The check marks represent the default field selections for the Brief and Expanded display formats.
- Add or remove check marks to customize the formats to display the fields you want to display.

Search Limits
Results Settings
Select Fields
Download/Display

Customize (for each collection) what fields to display in the brief or expanded format.

Customize Fields For Go

Customizing Fields for **HSRProj**:

[Apply](#) [Save](#) [Restore Default](#)

Brief Format	Expanded Format	Field Name
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Abstract
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Award Type
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Country
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Data Source
<input type="checkbox"/>	<input type="checkbox"/>	Date Completed
<input type="checkbox"/>	<input type="checkbox"/>	Date Revised
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Email Address
<input type="checkbox"/>	<input type="checkbox"/>	Entry Date
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fax Number
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Final Year
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Grant Support
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Initial Year
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Investigator
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Investigator Affiliation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Investigator Phone
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Keywords
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MeSH Terms
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Number of Subjects
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other ID
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Performing Organization
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Population Base
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Project Status
<input type="checkbox"/>	<input checked="" type="checkbox"/>	State
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Study Design
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Study Population
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Supporting Agency
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Title
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unique Identifier
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Zip Code

[Apply](#) [Save](#) [Restore Default](#)

Customize the settings for **Download/Display** and for e-mailing results.

Search Limits
Results Settings
Select Fields
Download/Display

Customize settings for download, display, and for sending results by e-mail.

Details

Format

Destination

Download or send as

Address if sending via e-mail

Add message to e-mail (optional):

[Apply](#) [Save](#) [Restore Default](#)

Search Details

- **Search Details** lets you view your search strategy as it was translated using the Gateway's automatic term mapping and search rules and syntax. Click Search Details on the Results Summary page and view the search strategies for all of the collections. Click Search Details on the Results Display page of a collection and view the search strategy for that collection. There is also a link to Details of Search for all of the collections.

Search
Clear
Help
FAQ
What's New
About

Term Finder
Limits/Settings
Search Details
History
Locker
Contact Us

Results

Total **105043**

Bibliographic

PubMed 102161

NLM Catalog 1533

TOXLINE Special 149

Meeting Abstracts 169

Consumer Health

MedlinePlus ...

Health Topics 57

Drug Info 150

Search Details

User Query: heart attack

NLM Catalog (1533 results)

- **Translated Query:**
 (((("myocardial infarction" [All Fields]) OR ("myocardial infarction" [MeSH Terms])) OR (heart attack [All Fields]))

[Show search details for all collections](#)

- **Details of Search** can also contain warning and error messages. If a search fails, check **Search Details**.

History

- Click on **History** on the Features Bar to view your search history.



- Search strategies and results for as many as the last 25 searches will be displayed..

Search History [Clear History](#)

Search Number	Search	Items Found	Actions
#5	Search: stress test	36569	View Results Delete
#4	Search: limnology	1327	View Results Delete
#3	Search: alternative medicine AND arthritis	2025	View Results Delete
#2	Search: fre[LA] hiv antibodies	734	View Results Delete
#1	Search: DIABETES	249721	View Results Delete

To add to a previous search, enter a pound sign (#) and the search number. Then add additional terms (example: #1 AND macular degeneration).

- Once the maximum number of searches (25) has been reached, Gateway will remove the oldest search from the History to add the most current search.
- You can use the Search Number(s) in a subsequent search. You can build on a search, e.g., add terms: #1 AND circulation:



You can also combine searches, using search numbers and Boolean operators (e.g., #1 AND #2).

Resulting search for the above figure:



- Your Search History will be lost when you close your web browser.

Locker

- Your locker is a place to collect selected search items for printing, downloading, e-mailing or ordering.
- You must Sign in to use the Locker (unless you have already signed in to 'Save' your Limits/Settings). User ID and password is required. Registration is free.

Click the **Locker** button on the Features Bar to open the **Sign in** page.

Sign in

Enter your User ID and password to sign in. Don't have an account yet? [Create one now.](#)

User ID:

Password:

Use my limits/settings

[Forgot Password?](#) [Change Password](#)

You must sign in to use the Locker or to save customized Limits and Settings. The Locker allows you to collect search items you select for printing, downloading, or document ordering. The Limits and Settings feature allows you to set personal choices to customize your search session.

- Note that you can elect to **Sign in** using your limits/settings.
- Use the Sign Out button that now appears on the Features Bar to exit your locker.

Marking and putting items in your Locker

- In the Results Display, use the check boxes to select items you wish to store in your locker.
- Select the action **Put In Locker**. Click **Go**.

NLM Catalog Results (Items 21 - 40 of 5257)

◀ [Prev](#) Page of 263 [Next](#) ▶

<p>21 <input checked="" type="checkbox"/> The South African journal of diabetes Began with Vol. 1, no. 1 in 2004. Durbanville, South Africa : Clinics-Cardive Publishing NLM ID: 101240846 [Serial]</p> <p>22 <input checked="" type="checkbox"/> Complete nurse's guide to diabetes care Childs, Belinda; Cypress, Marjorie; Spollett, GERALYN; American Diabetes Association. Alexandria, VA : American Diabetes Association, c2005. NLM ID: 101240683 [Book]</p> <p>23 <input type="checkbox"/> The Cleveland Clinic intensive review of internal medicine Stoller, James K; Michota, Franklin A; Mandell, Brian F; Cleveland Clinic Foundation. 4th ed.</p>	<div style="border: 1px solid #add8e6; padding: 5px; width: fit-content;"> <input type="button" value="Put in locker"/> <input type="button" value="Go"/> </div> <div style="border: 1px solid #add8e6; padding: 5px; width: fit-content; margin-top: 5px;"> Select an action Download/Display Send via e-mail Put in locker </div>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

- Gateway confirms that the items have been added to your Locker

2 items were added to locker

NLM Catalog Results (Items 21 - 40 of 5257)

- Click on **Locker** on the Features Bar to see the contents of your Locker.

Locker

6 item(s) in locker. Document delivery is available for items marked .

Select an action

- 1  **The tuberculosis vaccine challenge.**
 Brennan MJ.
 Tuberculosis (Edinb). 2005 Jan-Mar;85(1-2):7-12.
 PMID: 15687021 [PubMed - in process]
 From PubMed
- 2  **HIV/AIDS in Cuba: a model for care or an ethical dilemma?**
 Hoffman SZ.
 Afr Health Sci. 2004 Dec;4(3):208-9. No abstract available.
 PMID: 15687079 [PubMed - in process]
 From PubMed
- 3 **The South African journal of diabetes & vascular disease.**
 Began with Vol. 1, no. 1 in 2004.
 Durbanville, South Africa : Clinics-Cardive Publishing
 NLM ID: [101240846](#) [Serial]
 From NLM Catalog
- 4 **Complete nurse's guide to diabetes care**
 Childs, Belinda; Cypress, Marjorie; Spollett, GERALYN; American Diabetes Association.
 Alexandria, VA : American Diabetes Association, c2005.
 NLM ID: [101240683](#) [Book]
 From NLM Catalog
- 5 **Compliance with Universal Precautions among Physicians**
 Michalsen A, Delclos GL, Felkner SA, Davidson AL, Johnson PC, Vesley D, Murphy LR, Kelen GD, Gershon RRM
 Journal of Occupational and Environmental Medicine, Vol. 39, No. 2, Cooperative Agreement No. U60-CCU-902886,
 pages 130-137, 58 references, 1997
 From TOXLINE Special

Locker Tips:

- ✓ If an item is already in your Locker, it will not be added again.
- ✓ Locker items remain until you delete them.
- ✓ There is a limit of 500 items that may be stored in your locker.

Practice Exercises

- I. Search for information on breast cancer where tamoxifen is the treatment. How many abstracts were retrieved? Select those related to cost-effectiveness and put them in your locker. (You will most likely need to create a User ID and Password) View the contents in your Locker.

- II. Clear the search query box. Search for information about Food Allergies. Use the Term Finder feature to find and use the correct MeSH term for your search query.

- III. Locate information published between 2000 and 2004 on crystal methamphetamine and HIV. Is free full text available online for any of the results? From what journal(s)?

- IV. Clear the search query box. Uncheck the Limits box under the features bar. Use Select Fields Settings to customize your Brief format display for HSRProj to include the 2 fields named in this exercise:
Are there any ongoing health services research projects ('Project Status: Ongoing') on drug abuse treatment outcomes whose 'Supporting Agency' is National Institute on Drug Abuse (NIDA)?

- V. Using the History feature, re-search the search query for exercise #II above, refining it by adding 'AND child' Are there any items in the NLM Catalog related specifically to toddlers?

Suggested Answers: Practice Exercises

- I. Search for articles on breast cancer where tamoxifen is the treatment. How many abstracts were retrieved? Select those related to cost-effectiveness and put them in your locker. (You will most likely need to create a User ID and Password). View the contents in your Locker.

Step 1: Type the search terms in the query box. Use the Enter key or click on the **Search** button.

Step 2: Display the results for Meetings Abstracts. Select those about cost-effectiveness. Go to **Select an action** at either the top or the bottom of the page. Select **Put in locker**. Click on **Go**.

Meeting Abstracts Results (Items 1 - 14 of 14)

◀ Prev Page 1 of 1 Next ▶

Put in locker ▼ Go

1 <input checked="" type="checkbox"/>	<p>A cost-effectiveness analysis of tamoxifen for women in Canada who are at high risk of developing breast cancer.</p> <p>Will BP, Berthelot JM, Flanagan W, Logan DM, Perrinuk L, Evans WK. Annu Meet Int Soc Technol Assess Health Care. 1999;15:52.</p>	<p>▼ Select an action</p> <p>Download/Display</p> <p>Send via e-mail</p> <p>Put in locker</p>	<p>Cost-effective Tamoxifen for women in Canada who are at high risk of developing breast cancer.</p>
2 <input type="checkbox"/>	<p>The effect of tamoxifen on reverse transcriptase production from monocytes of patients with breast cancer.</p> <p>Alsumidaie AM, Leinster SJ. Natl Conf Hum Retroviruses Relat Infect (1st). 1993 Dec 12-16;132.</p>		<p>The effect of tamoxifen on reverse transcriptase production from monocytes of patients with breast cancer.</p>
3 <input type="checkbox"/>	<p>Translating evidence to clinical practice breast cancer as an example.</p> <p>Bloom B, de Pourvoirville N, Jayadevappa R, Chhantre S, Weinberg D. ISTAHC Annu Meet. 2002;18:abstract no. 34.</p>		<p>Translating evidence to clinical practice breast cancer as an example.</p>
4 <input type="checkbox"/>	<p>Geographic variation in breast cancer management .</p> <p>Scaramucci A, Mancuso M, Ash A, Boss R, Moskowitz MA, Freund KM. Abstr Book Assoc Health Serv Res. 1998;15:50-1.</p>		<p>Geographic variation in breast cancer management .</p>
5 <input type="checkbox"/>	<p>Benefits foregone by underuse of effective technology: tamoxifen as a model .</p> <p>Bloom BS. Annu Meet Int Soc Technol Assess Health Care. 1999;15:92.</p>		<p>Benefits foregone by underuse of effective technology: tamoxifen as a model .</p>
6 <input type="checkbox"/>	<p>Effects of NIH consensus conferences and clinical alerts on the management of early stage breast cancer in the United States .</p> <p>Warnecke RB, Johnson TP, Ford LG, Kaluzny AD, Ozer H, Sondik E. Abstr Int Soc Technol Assess Health Care. 1993;9:51.</p>		<p>Effects of NIH consensus conferences and clinical alerts on the management of early stage breast cancer in the United States .</p>
7 <input type="checkbox"/>	<p>Retrovirus-induced Neurodegeneration: Synergistic Treatment Effect of Combination Therapy with Tamoxifen and AZT.</p> <p>Vann JM, Szurek PF, Brooks BR. Conf Retroviruses Opportunistic Infect. 2003 Feb 10-14;10:abstract no. 688.</p>		<p>Retrovirus-induced Neurodegeneration: Synergistic Treatment Effect of Combination Therapy with Tamoxifen and AZT.</p>
8 <input checked="" type="checkbox"/>	<p>Cost-effectiveness of high-dose chemotherapy in patients with breast cancer.</p> <p>VAN ASSELT AD, VAN ENCKEVORT PJ, TENVERGERT EM, RODENHUIS S, DE VRIES EG, NWAST. ISTAHC Annu Meet. 2001;17:abstract no. 284.</p>		<p>Cost-effectiveness of high-dose chemotherapy in patients with breast cancer.</p>

Step 4: Sign into your Locker (You will most likely need to create a User ID and Password)

Sign in
Enter your User ID and password to sign in. Don't have an account yet? [Create one now.](#)

User ID:

Password:

Use my limits/settings

[Forgot Password?](#) [Change Password](#)

You must sign in to use the Locker or to save customized Limits and Settings. The Locker allows you to collect search items you select for printing, downloading, or document ordering. The Limits and Settings feature allows you to set personal choices to customize your search session.

Step 5: Note: confirmation of number of items added to the Locker. Click on **Locker** on the Features Bar to view the contents in your Locker.

	Limits / Settings	Search Details	History	Locker
2 items were added to locker				
Meeting Abstracts Results (Items 1 - 14 of 14)				

Step 6: Click on **Locker** on the Features Bar. View the contents in your Locker.

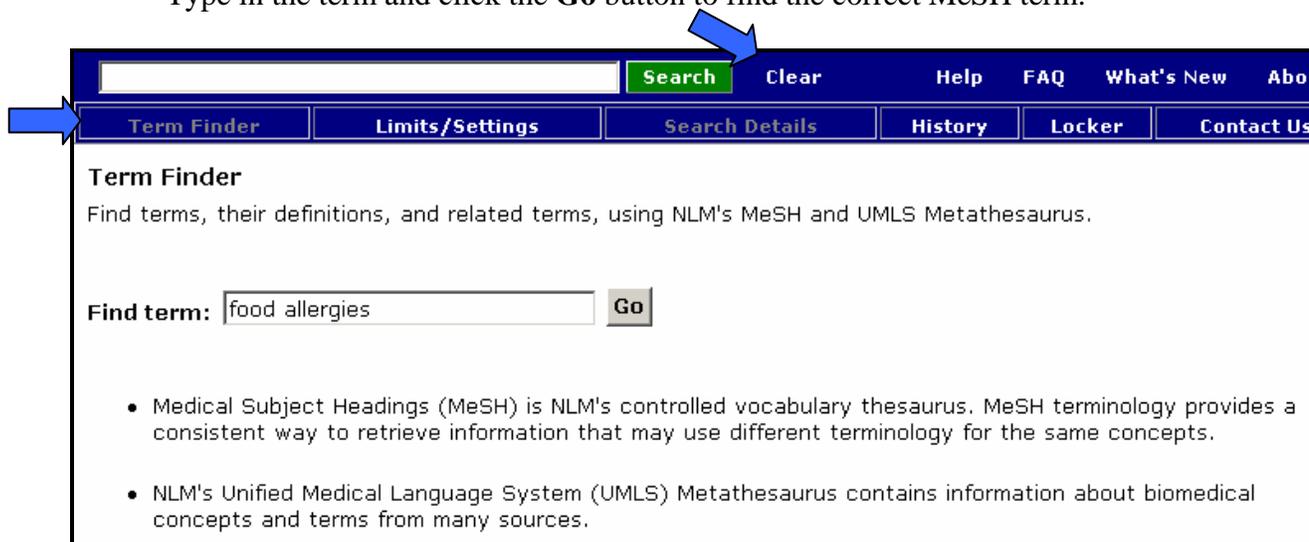
<input type="text" value="breast cancer tamoxifen"/>	<input type="button" value="Search"/>	<input type="button" value="Clear"/>	<input type="button" value="Help"/>	<input type="button" value="FAQ"/>	<input type="button" value="Contact Us"/>	
Term Finder	Limits / Settings	Search Details	History	Locker	About	What's New



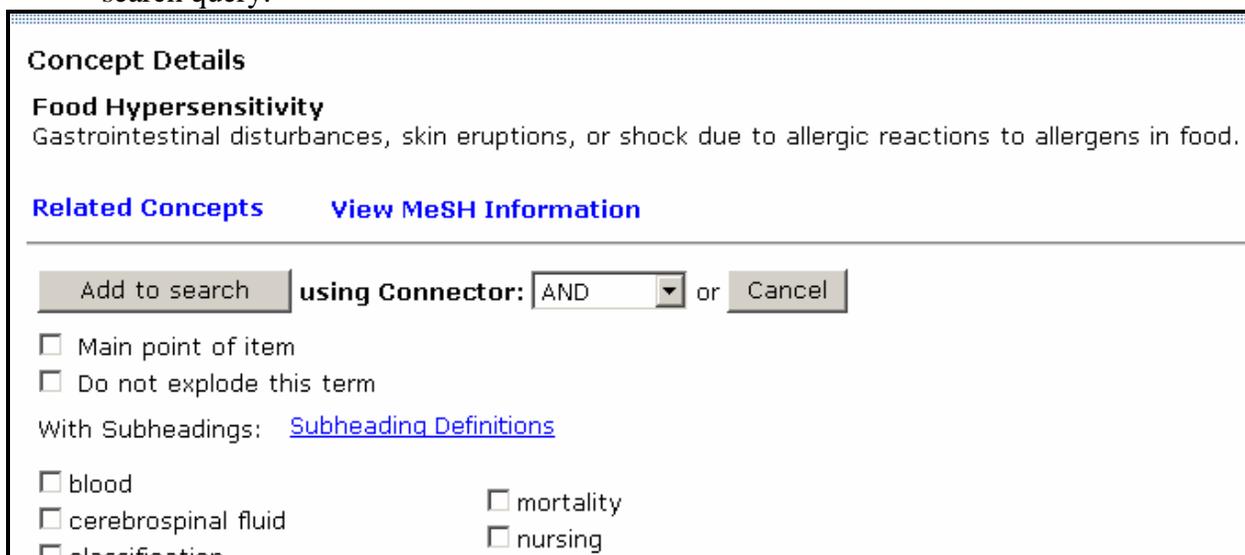
II. **Clear the search query box.** Search for information about Food Allergies. Use the Term Finder feature to find and use the correct MeSH term for your search query.

Step 1: : **Click on Clear next to the search box.** Click on **Term Finder** on the features bar directly below the search box.

Type in the term and click the **Go** button to find the correct MeSH term.



Step 2: Click on **Add to Search** button to add the MeSH term for Food Allergies in your search query.



Step 3: Click on **Search** next to the search query box to run your search.



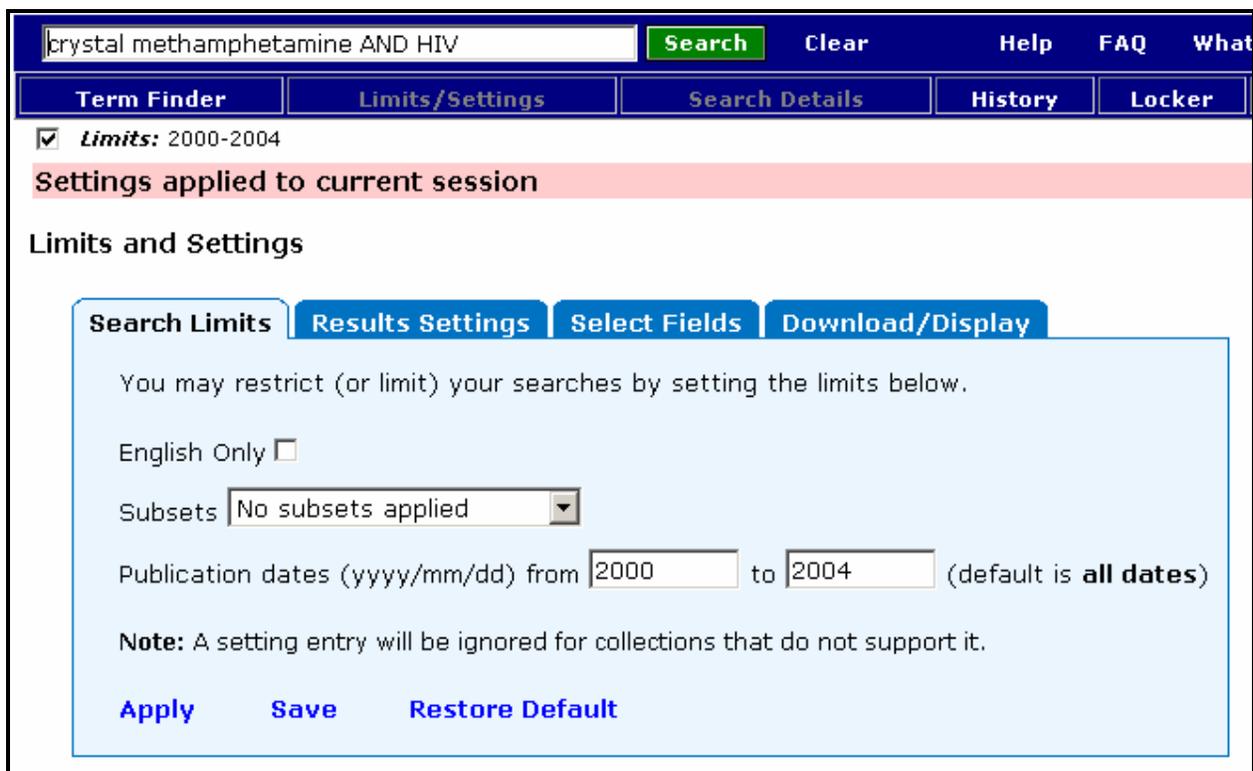
- III. Locate information published between 2000 and 2004 on crystal methamphetamine and HIV. Is free full text available online for any of the journal citation results? **From what journal(s)?**

Step 1: Type the search terms in the query box.



A screenshot of a search interface. At the top, there is a text input field containing the query "crystal methamphetamine AND HIV" and a green "Search" button to its right. Below the input field is a horizontal bar with three buttons: "Term Finder", "Limits/Settings", and "Search De".

Step 2: Click on **Limits/Settings** on the features bar directly below the query box. Go to the Search Limits tab. In Publication Dates [from] 2000 [to] 2004. Click on **Apply** to apply the Limit to the current session. Click on **Search** next to the search query box.



A screenshot of the "Limits/Settings" page in a search application. At the top, there is a search bar with the query "crystal methamphetamine AND HIV" and a green "Search" button. To the right of the search bar are links for "Clear", "Help", "FAQ", and "What". Below the search bar is a navigation bar with buttons for "Term Finder", "Limits/Settings", "Search Details", "History", and "Locker".

Below the navigation bar, there is a checked checkbox labeled "Limits: 2000-2004". A pink banner reads "Settings applied to current session". The main heading is "Limits and Settings".

Under "Limits and Settings", there are four tabs: "Search Limits", "Results Settings", "Select Fields", and "Download/Display". The "Search Limits" tab is active. The content of the "Search Limits" tab includes:

- A text box: "You may restrict (or limit) your searches by setting the limits below."
- A checkbox: "English Only" with an unchecked box.
- A dropdown menu: "Subsets" with "No subsets applied" selected.
- Text: "Publication dates (yyyy/mm/dd) from 2000 to 2004 (default is all dates)".
- A note: "Note: A setting entry will be ignored for collections that do not support it."
- Buttons: "Apply", "Save", and "Restore Default".

Step3: Display the results for MEDLINE/PubMed. Note link(s) to Free full text. **Note journal's Title Abbreviation.**

PubMed Results (Items 1 - 11 of 11)

◀ Prev Page 1 of 1 Next ▶ Select an action ▼ Go

- 1 **[One community, two epidemics: crystal, HIV and the gay population]**
Detres LL.
Sidahora. 2004;(2):16-20. Spanish. No abstract available.
PMID: 15704272 [PubMed - indexed for MEDLINE]
[Related Articles](#)
- 2 **Crystal methamphetamine use predicts incident STD infection among men who have sex with men recruited online: a nested case-control study.**
 Hirshfield S, Remien RH, Walavalkar I, Chiasson MA.
J Med Internet Res. ;6(4):e41.
PMID: 15631965 [PubMed - in process]
[Related Articles](#) [Free at producer site](#) ←
- 3 **Substance use and high-risk sex among men who have sex with men: a national online study in the USA.**
Hirshfield S, Remien RH, Humberstone M, Walavalkar I, Chiasson MA.
AIDS Care. 2004 Nov;16(8):1036-47.
PMID: 15511735 [PubMed - in process]
[Related Articles](#)



J Med Internet Res

IV. **Clear the search query box. Uncheck the Limits box under the features bar.**

Use Select Fields Settings to customize your Brief format display for HSRProj to include the 2 fields named in this exercise:

Are there any ongoing health services research projects ('Project Status: Ongoing') on drug abuse treatment outcomes whose 'Supporting Agency' is National Institute on Drug Abuse (NIDA)?

Step 1: Click on Clear next to the search box. Uncheck the Limits box under the features bar.

Click on **Limits/Settings** on the features bar directly below the query box. Go to the **Select Fields** tab. Select **HSRProj** from the pull-down menu and click on **Go**.

The screenshot shows the 'Options' page with four tabs: 'Search Limits', 'Results Settings', 'Select Fields', and 'Download/Display'. The 'Select Fields' tab is active. Below the tabs, there is a text box explaining that users can customize fields for each collection. A dropdown menu is open, showing a list of collections including 'ClinicalTrials.gov', 'DIRLINE: Directory of Health Orgs', 'Genetics Home Reference', 'HSDB: Hazardous Substances Data Bank', 'HSRProj' (which is highlighted), 'NLM Catalog', 'MedlinePlus Current Health News', 'MedlinePlus Drug Information', 'MedlinePlus Health Topics', 'MedlinePlus Health Tutorials', and 'MedlinePlus Medical Encyclopedia'. A 'Go' button is located to the right of the dropdown. On the left side of the screenshot, there is a 'Restore' link and a 'Note: You' label.

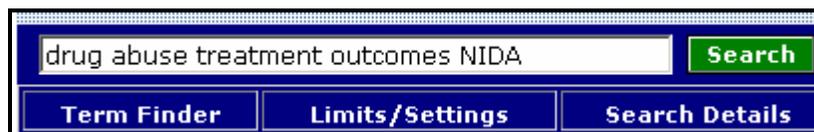
Step 2: Add the 2 fields to the Brief Format, Project Status and Sponsoring Agency.

Click on **Apply**.

The screenshot shows a table with two columns of checkboxes and a third column for field names. The 'Project Status' and 'Supporting Agency' fields have both checkboxes checked. Below the table are three buttons: 'Apply', 'Save', and 'Restore Default'.

<input type="checkbox"/>	<input checked="" type="checkbox"/>	Population Base
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Project Status
<input type="checkbox"/>	<input checked="" type="checkbox"/>	State
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Study Design
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Study Population
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Supporting Agency
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Title
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unique Identifier
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Zip Code

Step 3: Type the search terms in the query box. Use the Enter key or click on the **Search** button.



drug abuse treatment outcomes NIDA **Search**

Term Finder **Limits/Settings** **Search Details**

Step 4: View HSRProj results. Note items which have
‘Sponsoring Agency: National Institute on Drug Abuse (NIDA)’
‘Project Status: Ongoing’



HSRProj Results (Items 1 - 20 of 62)

◀ Prev Page 1 of 4 Next ▶ Select an action Go

- Case-mix adjustment for adolescent treatment evaluations.**
Morrall, Andrew.
Supporting Agency: National Institute on Drug Abuse (NIDA)
Project Status: Ongoing
- Family-based juvenile drug court services.**
Dakof, Gayle A.
Supporting Agency: National Institute on Drug Abuse (NIDA)
Project Status: Ongoing
- Clients who seek on-line drug treatment.**
Wong, Mamie M.
Supporting Agency: National Institute on Drug Abuse (NIDA)
Project Status: Completed
- Models for integrating juvenile justice and treatment.**
Jainchill, Nancy.
Supporting Agency: National Institute on Drug Abuse (NIDA)
Project Status: Ongoing

V. Using the History feature, re-search the search query for exercise #2, refining it by adding 'AND child'. Are there any items in the NLM Catalog related specifically to toddlers?

Step 1: Click on **History** on the features bar directly below the query box. Enter #2 in the search box. Add **AND child** to the query. Use the Enter key or click on the **Search** button.

Search Number	Search	Items Found	Actions
#5	Search: drug abuse treatment outcomes NIDA	750	View Results Delete
#4	Search: crystal methamphetamine AND HIV	281	View Results Delete
#3	Search: crystal mephamphetamine HIV	0	View Results Delete
#2	Search: Food Hypersensitivity[MESH]	10301	View Results Delete
#1	Search: breast cancer tamoxifen	9570	View Results Delete

- To build on a search, enter its search number preceded by the pound sign (#) in the search box.
- Then add additional terms after the search number (e.g., #1 AND macular degeneration).

Step 2: Display the results for NLM Catalog. Note toddler-related item.

NLM Catalog Results (Items 1 - 20 of 31)

◀ Prev Page 1 of 2 Next ▶ Select an action Go

- Kuhmilch- und Eiweissallergien bei Kindern : sichere Diagnose, optimale Therapie**
Werthmann, Konrad
Stuttgart : Sonntag, c2004.
NLM ID: [101202865](#) [Book]
- Gastrointestinalnainai pishchevai allergii u detei**
Baranov, A A (Aleksandr Aleksandrovich),, doktor meditsinskikh nauk.
Moskva : Dinastii, 2002.
NLM ID: [101211145](#) [Book]
- Tips for toddler nutrition**
Ponder, Julia; HSTN.
Carrollton, TX : HSTN, c2000.
NLM ID: [101154754](#) [videorecording]