



NLM[®] Training:

**NLM Gateway and
ClinicalTrials.gov**

**MEDLARS Management Section
U.S. National Library of Medicine[®]
National Institutes of Health
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Bethesda, Maryland**

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NOTES

NLM Training: NLM Gateway & ClinicalTrials.gov

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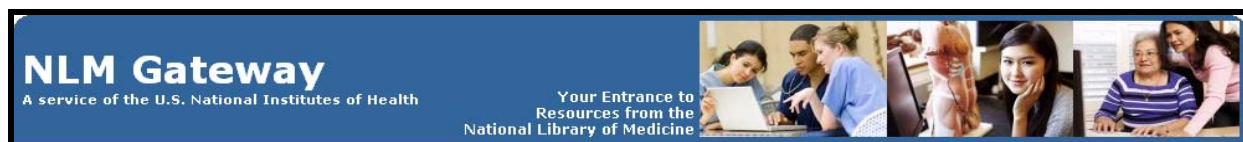
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NLM Training: NLM Gateway & ClinicalTrials.gov

Agenda	
8:30 – 8:45	Welcome
8:45 – 10:00	NLM Gateway Background Searching Functions Download/Display Send via e-mail Order documents Practice Exercises
10:00 – 10:15	BREAK
10:15 – 11:00	Features Term Finder Limits/Settings Search Details History Locker Practice Exercises
11:00 – 12:00	ClinicalTrials.gov Basic Search Working with Results Display Options Menu Advanced Search Studies by Topic Studies by Map Refining your Search ClinicalTrials.gov & PubMed Practice Exercises

NOTES



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

Introduction to Gateway

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:
 - **MEDLINE/PubMed**
 - **TOXLINE Subset**
 - **NLM Catalog**
 - **Bookshelf**– full text biomedical books
 - **Meeting Abstracts:** HIV/AIDS-related, Health Services Research-related, and Space Life Sciences
 - **MedlinePlus:**
 - Health Topics**
 - Drug Information**
 - Medical Encyclopedia**
 - Current Health News**
 - Other Resources**
 - **Household Products Database**
 - **ClinicalTrials.gov**
 - **Genetics Home Reference**
 - **DIRLINE:** Directory of Health Organizations
 - **HSRProj:** Health Services Research Projects
 - **OMIM:** Online Mendelian Inheritance in Man
 - **IRIS:** Integrated Risk Information System
 - **HSDB:** Hazardous Substances Data Bank
 - **ITER:** International Toxicity Estimates for Risk
 - **GENE-TOX:** Genetic Toxicology Mutagenicity
 - **CCRIS:** Chemical Carcinogenesis Research Information System
 - **Profiles in Science:** Archival collections of Scientist
- 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.

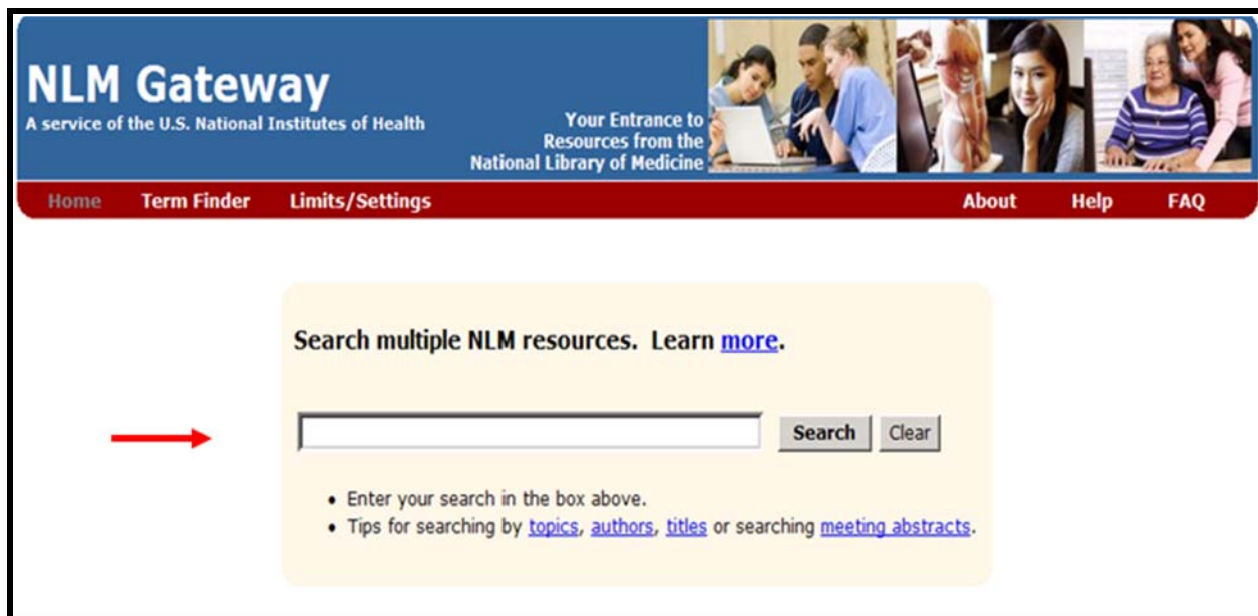
Where?

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

Gateway Homepage

Beneath the Gateway banner is the Features Bar. On this bar are links to two (2) Gateway Features, **Term Finder** and **Limits/Settings**, and to information about the NLM Gateway and its use: **About Help FAQ**.

In the center of the page is the search query box.



Searching

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



The query box is also available on every screen below the features bar. You do not have to return to the homepage to enter a new search.

Searching Tips

There are links under the query box to tips on searching by topics, authors, and titles and about searching meeting abstracts. Additional helpful points to know:

- 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 qualifiers to limit the search to specific field(s).
- All field qualifiers should be entered *after* the search term.
- **Example:** *spanish [la]*
- Field qualifiers may be in upper or lower case and must be in square brackets.
- Qualifiers may be the search field label (i.e., [**Language**]) or abbreviation/tag (i.e., [**LA**])
- **N.B.:** Unqualified terms should be entered after all qualified terms or should be separated with a Boolean operator (AND, OR, NOT).

Examples: *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.

Author Name Searching

- Enter the author name in the format last name plus initials (no punctuation), followed by the field qualifier ([au] or [author]). Suffixes may be included if known.

Examples: *harris mj [au]*
 ferris f 3rd [author]

- You may enter only the last name or the last name and the first initial if you do not know the middle initial.

Example: *charron-prochownik d [au] AND siminerio [au]*

The Gateway will truncate an author search for MEDLINE/PubMed, NLM Catalog, Meeting Abstracts, HSRProj, OMIM, and TOXLINE Subset. There is no author field in the other collections.

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).

Corporate Author Searching

- To search for a particular corporate author, enter the corporate author followed by the field qualifier [cn].
- You may search for multiple corporate authors at one time.

Examples:

international society of technology assessment in health care meeting [cn]
cochrane colloquium [cn]
conference on retroviruses and opportunistic infections [cn] AND hiv outpatient study [cn]
international conference on aids [cn] AND 2000 [dp]



Drop parentheses from corporate author names that contain them.

Example: International Conference on AIDS (15th : 2004 : Bangkok, Thailand)
Enter as: international conference on aids 15th : 2004 : bangkok, thailand [cn]

Title Searching

- Enter one or more title words followed by the field qualifier ([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 ([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.

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

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.

disphagia	intreferon
<input type="text" value="dysphagia"/>	<input type="text" value="interferon"/>
<input type="text"/>	<input type="text" value="interferone"/>
	<input type="text" value="intravirion"/>

[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 results summary for the query "hay fever". The search bar contains "hay fever" and the results summary indicates 12,941 records found. The results are organized into three columns: Bibliographic Resources, Consumer Health Resources, and Other Information Resources. Red arrows point to the "196 NLM Catalog" and "178 ClinicalTrials.gov" entries.

Bibliographic Resources	Consumer Health Resources	Other Information Resources
11406 MEDLINE/PubMed - journal citations, abstracts	2 MedlinePlus - Health Topics	0 HSRProj - Health Services Research Projects
196 NLM Catalog - books, AVs, serials	47 MedlinePlus - Drug Information	8 OMIM - Online Mendelian Inheritance in Man
115 Bookshelf - full text biomedical books	21 MedlinePlus - Medical Encyclopedia	92 HSDB - Hazardous Substances Data Bank
860 TOXLINE Subset - toxicology citations	3 MedlinePlus - Current Health News	2 IRIS - Integrated Risk Information System
5 DART - Developmental and Reproductive Toxicology	0 MedlinePlus - Other Resources	0 ITER - International Toxicity Estimates for Risk
6 Meeting Abstracts	178 ClinicalTrials.gov	0 GENE-TOX - Genetic Toxicology (Mutagenicity)
	0 DIRLINE - Directory of Health Organizations	0 CCRIS - Chemical Carcinogenesis Research Information System
	0 Genetics Home Reference	0 Profiles in Science
	Results Household Products Database	

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

Results Display

Example: *Results for PubMed*

Navigating: Use **Next** and **Previous** arrows or fill in a page number & click **Page** to jump to it.

The screenshot shows the PubMed search results interface. At the top, there is a search bar containing the text 'hay fever' and buttons for 'Search' and 'Clear'. Below the search bar, the results are displayed as 'PubMed Results (Items 1-20 of 11406)'. A navigation bar includes 'Prev', 'Page 1 of 571', and 'Next' buttons, along with links for 'E-mail', 'Download', 'Put in locker', and 'Order documents'. A 'Clear check marks' link is also present. The results list includes three items:

- Air quality influences the prevalence of hay fever and sinusitis.**
Bhattacharyya N.
Laryngoscope. 2009 Jan 21; [Epub ahead of print]
PMID: 19160400 [PubMed - as supplied by publisher]
[Related Articles](#)
- Persistent allergic rhinitis has a moderate impact on the sense of smell, depending on both nasal congestion and inflammation.**
Guilemany JM, García-Piñero A, Alobid I, Cardelús S, Centellas S, Bartra J, Valero A, Picado C, Mullol J.
Laryngoscope. 2009 Jan 21; [Epub ahead of print]
PMID: 19160389 [PubMed - as supplied by publisher]
[Related Articles](#)
- Regional pollen load: Effect on sensitisation and clinical presentation of seasonal allergic rhinitis in patients living in Ankara, Turkey.**

A green arrow points to the 'Related Articles' link for the second article.

Related Articles takes you to a set of citations closely related to the selected article.

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

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

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

Expanded Record (item 31 of 10672 from PubMed)

◀ [Prev](#) **Page** of 10672 [Next](#) ▶

For this item only:

[E-mail](#) | [Download](#) | [Put in locker](#) | [Order documents](#)

Treating the ocular component of allergic rhinoconjunctivitis and related eye disorders.

Bielory L, Katelaris CH, Lightman S, Naclerio RM.

MedGenMed. 2007 Aug 15;9(3):35.;Print

UMDNJ, New Jersey Medical School, Newark, New Jersey, USA. bielory@umdnj.edu

CONTEXT: Allergy symptoms that affect the eyes are common in adults and children worldwide, and are often associated with nasal allergy symptoms, prompting the term 'rhinoconjunctivitis' to describe the condition. However, this condition has not always been recognized, and earlier literature reported allergic conjunctivitis only within a subset of nasal allergy patients. **EVIDENCE**

ACQUISITION: To assess the current state of ocular allergy epidemiology, pathophysiology, and currently available treatment options, we performed a MEDLINE search for articles regarding ocular allergy, rhinoconjunctivitis, vernal keratoconjunctivitis (VKC), atopic keratoconjunctivitis (AKC), and giant papillary conjunctivitis (GPC). **EVIDENCE SYNTHESIS:** The more severe forms of ocular allergy are not only distressing, but can also threaten a patient's vision. Each type of ocular allergy is associated with ocular redness, itching, and tearing; however, AKC and VKC can threaten the cornea, and research has revealed that involvement of different immune cell populations (mast cells, eosinophils, and lymphocytes) may cause these more severe symptoms. A variety of treatment options exist to control ocular allergy symptoms. Nonpharmacologic options include allergen avoidance and lubrication with saline, and if these fail to be sufficiently effective, symptom relief may be provided by medicinal agents that are either applied topically to the eye or taken orally. Recent evidence suggests that nasal allergy treatments applied topically to the nose may also positively affect ocular allergy symptoms, which raises the interesting possibility that a parasympathetic nasal-ocular neural reflex pathway may be involved in the stimulation of allergic responses in the eye.

CONCLUSIONS: Ocular allergy is underdiagnosed and has a significant impact on the life of the patient. It is vital to reach a better understanding of ocular allergic mechanisms and inflammation, which may lead to improved treatment.

Publication Types:

- Research Support, Non-U.S. Gov't
- Review

MeSH Terms:

- Conjunctivitis, Allergic/*complications
- Eye Diseases/epidemiology/*etiology/physiopathology/*therapy
- Humans
- Hypersensitivity/epidemiology/*etiology/physiopathology/*therapy
- Rhinitis, Allergic, Perennial/*complications
- Rhinitis, Allergic, Seasonal/*complications

Publication Status: epublish

PMID: 18092041 [PubMed - indexed for MEDLINE]

[Related Articles](#)

[LinkOut](#)

[Free in PubMed Central \(PMC\)](#)

Gateway Functions

[E-mail](#) | [Download](#) | [Put in locker](#)

The Functions are at the top and bottom of each Results Page. The added function of [Order documents](#) is available for PubMed results. Use the check boxes to select the items for a function to process. If none are selected, all on the page will be processed... Use [Clear check marks](#) to deselect.

PubMed Results (Items 501-520 of 10672)

◀ Prev Page 26 of 534 Next ▶ [E-mail](#) | [Download](#) | [Put in locker](#) | [Order documents](#)

[Clear check marks](#)

501 **Proteome analysis of maize pollen for allergy-relevant components.**
 Petersen A, Dresselhaus T, Grobe K, Becker WM.
Proteomics. 2006 Dec;6(23):6317-25.
 PMID: 17080481 [PubMed - indexed for MEDLINE]
[Related Articles](#)

502 **Review: Genetically modified plants for the promotion of human health.**
 Yonekura-Sakakibara K, Saito K.

E-mail

- On the Results display, select items you wish to e-mail. (Use check boxes to select items)
- Click on **E-mail**. The E-mail Search Results page displays.

E-mail Search Results

E-mail Address(es): *(Use semicolons (;) to separate addresses)*

Add message (optional):

Send selected items Start with item 1 and send 20 of 11417 (max. 500)

Send as: Text HTML [Help me choose](#)

Format: Unlabelled Labelled Export [Help me choose](#)

Level of Detail: Brief Expanded Complete [Help me choose](#)

Selected Items

1 **Respiratory allergy to Cupressus sempervirens in Rome.**
 De Luca A, Graziani E, Anticoli S, Simeoni S, Terzano C, Mazzino F.

- “Send selected items” or enter the number range of items to email. The maximum is 500.
- Send as: Select Text or Html for the e-mail. The default is Text.
- Select **Format for items to me sent**: the default Format is Unlabelled. (See [Help me choose](#): Labelled = labels each field with the full field name. Export=labels are field tags)
- Select **Level of Detail** for the display of the items. The default is Brief. (See [Help me choose](#))
- **Selected Items** displays items to be sent. The check boxes enable the user to deselect 1 or more items.
- 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.

E-mail sent to : person@mail.nih.gov

Download

Use **Download** to Display multiple items in the Web browser or Save items to a file.

- On the Results display, select items you wish to download or display further.
- Click on **Download**.
- Make your selections from the Download or Display screen.

Download or Display

Send selected items
 Start with item and send of 11417 (max. 500)

Destination:
 Save to File
 Display for Printing
 Display in Browser

Download as:
 Text
 HTML [Help me choose](#)

Format:
 Unlabelled
 Labelled
 Export [Help me choose](#)

Level of Detail:
 Brief
 Expanded
 Complete [Help me choose](#)

Selected Items

1 **Atopy, exposure to pesticides and risk of non-Hodgkin lymphoma.**
Vaidia GM, Fritschy L, Grylich AF, Kaldor JM, Banks C, Krieger A, Hughes AM, Turner JJ, Mill

- Select **Destination** for the items to be downloaded or displayed. The default destination is Display in Browser.
- **Download as:** Select Text or Html. The default is Text.
- Select **Format** for items to me sent: the default Format is Unlabelled. See [Help me choose](#). (Labelled = labels each field with the full field name. Export=labels are field tags)
- Select **Level of Detail** for the display of the content. The default is Brief.
- **Selected Items** displays items to be sent. The check boxes enable the user to deselect 1 or more items.
- Click **Go**.

Put in Locker

This function enables you to store items. **My Locker** is a place to collect selected search items for printing, downloading, e-mailing or ordering. For details on using the locker, see **My Locker** in the Features section (p. 36).

Order Documents

To order items from PubMed results of your current search, select the Order Documents function. Order Documents enables you to order documents directly from the Results Display page.

- **Please note that items may only be ordered from PubMed**
- On the Results display, select citations you wish to order.
- Click on **Order Documents**.
- 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 My Locker and its 'Order Documents' function. (See the section on My Locker.)

Gateway Sidebar

On the left side of each page displaying a collection's 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.

Results

Bibliographic

- PubMed (10672)
- NLM Catalog >>**
- Bookshelf (105)
- TOXLINE Subset (858)
- DART (5)
- Meeting Abstracts (6)

Consumer Health

- MedlinePlus ...
- Health Topics (1)
- Drug Info (46)
- Med Encyclopedia (20)
- Health News (1)
- Other Resources (1)
- ClinicalTrials.gov (127)
- DIRLINE (0)
- Genetics Home Ref (0)
- Household Prods (Results)

Other Resources

- HSRProj (0)
- OMIM (8)
- HSDB (86)
- IRIS (2)
- ITER (0)
- GENE-TOX (0)
- CCRIS (0)
- Profiles in Science (0)

Total (12129)

Bookmark this Search

NLM Catalog Results (Items 1-20 of 191)

◀ Prev Page 1 of 10 Next ▶ E-mail | Download | Put in locker

Clear check marks

- Breathing space : how allergies shape our lives and landscapes**
Mitman, Gregg
New Haven : Yale University Press, c2007.
NLM ID: [101309054](#) [Book]
- A fejfájás, az asztma és a szénanátha gyógyítása a természetgyógy [a fejfájás elleni leghatékonyabb 18 módszer!]**
Ford, Norman D
[Tyukod] : Black & White, [2006]
NLM ID: [101302702](#) [Book]
- Sugi kafunshō no chiryō : shoki ryōhō**
Baba, Kōtarō
Dai 1-pan.
Tōkyō : Raifu Saiensu, 2006.
NLM ID: [101289185](#) [Book]
- Hana arerugī shinryō gaidorain : tsūnensei bien to kafunshō = Pract management of allergic rhinitis in Japan**
Hana Arerugī Shinryō Gaidorain Sakusei Inkai.
2005-nenban (kaitei dai 5-han).
Tōkyō : Raifu Saiensu, 2005.
NLM ID: [101276784](#) [Book]
- Rastanii i allergii**
Bazarova, É É (Élővira Érdyneevna)
Ulan-Ude : GUZ RTSO MP MZ RB, 2005.
NLM ID: [101274853](#) [Book]
- Hana arerugī : kiso to rinshō**

Click **Bookmark this search** to save the search strategy. Then click **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. Use the browser's Back button to return to the previous page.

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

NOTES

Practice Exercises

1. Locate information on acupuncture and knee pain. How many clinical trials are currently recruiting volunteers (i.e., “Status: Recruiting”)?
2. Locate information on alternative medicine and back pain. Review abstracts from papers presented at meetings. Identify the earliest paper. What organization held the meeting at which it was presented?
3. Find organizations where I can obtain information about Sleep Apnea. How many were retrieved?
4. Find information in the German language that discusses liver cancer. [Remember: Gateway supports Searching by Fields] Select several NLM Catalog results and, using a Gateway function, display the selected items in the Expanded and Labelled format.
5. Search on Agent Orange. How many articles are found in TOXLINE Subset? Send 10 articles to your email address. Add a message/comment and signature to your email.
6. Are there any items by Michael E. DeBakey in NLM Catalog? Are there any videos (i.e., Visual Material) about surgery? What type of surgery is the topic?
7. Search photic sneeze reflex. From citations or genetic information (i.e., OMIM collection) determine the syndrome name by which it is known.
8. Search for information about genetics and testing of newborns. From the Results: Locate information in Genetics Home Reference about types of tests done in the United States. What are the 2 disorders all states test for?

In Bookshelf, select the National Library of Medicine’s HSTAT publication. What 2 diseases are discussed?

What former Johns Hopkins lecturer in medical genetics impacted newborn testing world-wide? (Hint: see NLM’s archival collection, Profiles in Science)
What assessment method is their legacy?

Suggested Answers

1. Locate information on acupuncture and knee pain. How many clinical trials are currently recruiting volunteers (i.e., “Status: Recruiting”)?

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

Search multiple NLM resources. Learn [more](#).

- Enter your search in the box above.
- Tips for searching by [topics](#), [authors](#), [titles](#) or searching [meeting abstracts](#).

Step 2. Display Results for ClinicalTrials.gov. Note those that are currently recruiting.

ClinicalTrials.gov Results (Items 1-12 of 12)

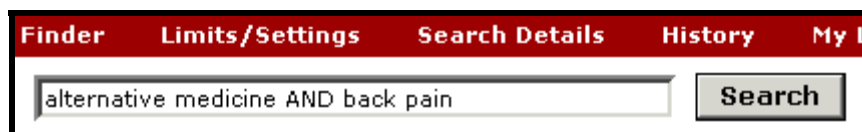
◀ Prev 1 of 1 Next ▶ [E-mail](#) | [Download](#) | [Put in locker](#)

[Clear check marks](#)

- 1 **Acupuncture for Pain Management After Hip or Knee Arthroplasty**
 Conditions: Pain; Postoperative Complications
<http://ClinicalTrials.gov/show/NCT00455182>
 Status: **Recruiting** ←
- 2 **Auricular Acupuncture for Pain Relief After Ambulatory Knee Arthroscopy**
 Conditions: Postoperative Pain
<http://ClinicalTrials.gov/show/NCT00233857>
 Status: **Completed**
- 3 **Acupuncture for Pain and Sleep Disturbance in Knee Osteoarthritis**
 Conditions: Sleep; Pain
<http://ClinicalTrials.gov/show/NCT00694447>
 Status: **Completed**

2. Locate information on alternative medicine and back pain. Review abstracts from papers presented at meetings. Identify the earliest paper. What organization held the meeting at which it was presented?

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



Finder Limits/Settings Search Details History My I

alternative medicine AND back pain Search

Step 2: Display Results for Meeting Abstracts. Note name of organization.



Meeting Abstracts Results (Items 1-11 of 11)

◀ Prev Page 1 of 1 Next ▶ E-mail | Download | Put in locker

Clear check marks

- Acupuncture for low back pain: a systematic review.**
van Tulder M, Cherkin D, Berman B, Lao L, Koes B; International Society of Technology Assessment in Health Care. Meeting.
Annu Meet Int Soc Technol Assess Health Care Int Soc Technol Assess Health Care Meet. 1998;14:56.
- Early results from a pragmatic randomised controlled trial demonstrate acceptability and potential effectiveness of acupuncture as a treatment for low back pain.**
Thorpe L, Thomas K, Fitter M, Brazier J, MacPherson H; International Society of Technology Assessment in Health Care. Meeting.
Annu Meet Int Soc Technol Assess Health Care Int Soc Technol Assess Health Care Meet. 2002;18:abstract no. 315.
- Acupuncture: evidence from systematic reviews.**
Harstall C, Leggett Tait P, Brooks L; International Society of Technology Assessment in Health Care. Meeting (19th : 2003 : Canmore, Alta.).
Annu Meet Int Soc Technol Assess Health Care Int Soc Technol Assess Health Care Meet. 2003;19:abstract no. 129.
- Recruiting patients to trials in primary care: Lessons learnt from two randomised controlled trials of low back pain.**
Thorpe L, Bell-Syer S; International Society of Technology Assessment in Health Care. Meeting.
Annu Meet Int Soc Technol Assess Health Care Int Soc Technol Assess Health Care Meet. 2002;18:abstract no. 316.

3. 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.



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

Results Summary: 18119 records found [Bookmark this Search]

Bibliographic Resources	Consumer Health Resources	Other Information Resources
16977 MEDLINE/PubMed - journal citations, abstracts	5 MedlinePlus - Health Topics	13 HSRProj - Health Services Research Projects
238 NLM Catalog - books, AVs, serials	8 MedlinePlus - Drug Information	37 OMIM - Online Mendelian Inheritance in Man
262 Bookshelf - full text biomedical books	41 MedlinePlus - Medical Encyclopedia	61 HSDB - Hazardous Substances Data Bank
203 TOXLINE Subset - toxicology citations	7 MedlinePlus - Current Health News	0 IRIS - Integrated Risk Information System
9 DART - Developmental and Reproductive Toxicology	7 MedlinePlus - Other Resources	0 ITER - International Toxicity Estimates for Risk
20 Meeting Abstracts	225 ClinicalTrials.gov	0 GENE-TOX - Genetic Toxicology (Mutagenicity)
	6 DIRLINE - Directory of Health Organizations	0 CCRIS - Chemical Carcinogenesis Research Information System
	0 Genetics Home Reference	0 Profiles in Science
	0 Household Products Database	

4. Find information in the German language that discusses liver cancer. [Remember: Gateway supports Searching by Fields] Select several NLM Catalog results and, using a Gateway function, display the selected items in the Expanded and Labelled format.

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

liver cancer AND german[LA] Search

OR

german[LA] liver cancer Search

Step 2. Select NLM Catalog results.

Results Summary: 6804 records found

Bibliographic Resources

- 3435 MEDLINE/PubMed - journal citations, abstracts
- 18 NLM Catalog - books, AVs, serials** (indicated by a red arrow)
- 262 Bookshelf - full text biomedical books
- 0 TOXLINE Subset - toxicology citations

Step 3: Choose several results from NLM Catalog. Select the **Download** function.
(Note check marks)

NLM Catalog Results (Items 1-18 of 18)

◀ Prev Page 1 of 1 Next ▶ E-mail | **Download** | Put in locker

Clear check marks

- 1 **Das hepatozelluläre Karzinom**
Allgaier, Hans-Peter
Bremen ; Boston : Uni-Med, c2002.
NLM ID: [101141877](#) [Book]
- 2 **LeberMetastasen : Diagnose, Intervention, Therapie**
Vogl, Thomas J
Berlin ; New York : Springer, c2002.
NLM ID: [101140957](#) [Book]
- 3 **Die Laserinduzierte Thermotherapie (LITT) zur Behandlung maligner Lebertumore**
Germer, C-T
Landsberg : Ecomed, c2000.
NLM ID: [101096013](#) [Book]
- 4 **Lebertumoren und portale Hypertension : radiologische und chirurgische Aspekte : mit deutschen und englischen Beiträgen**
Reiser, Maximilian
Berlin ; New York : Springer-Verlag, c1993.
NLM ID: [9319211](#) [Book]

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

Download or Display

Send selected items
 Start with item and send of 11417 ([max. 500](#))

Destination:
 Save to File
 Display for Printing
 Display in Browser

Download as:
 Text
 HTML [Help me choose](#)

Format:
 Unlabelled
 Labelled
 Export [Help me choose](#)

Level of Detail:
 Brief
 Expanded
 Complete [Help me choose](#)

Step 5: View displayed records.

1. Title(s): **LeberMetastasen : Diagnose, Intervention, Therapie / T.J. Vogl, M.G. Mack, J.O. Balzer (Hrsg.).**

Author(s): Vogl, Thomas J

Publisher: Berlin ; New York : Springer, c2002.

Description: xvi, 342 p. : ill.

Language: German

ISBN: 9783540421528 (alk. paper)
3540421521 (alk. paper)

MeSH: • Liver Neoplasms/*secondary

Publication Type(s): • Congresses

NLM ID: [101140957](#) [Book]
From NLM Catalog

5. Search on Agent Orange. How many articles are found in TOXLINE Subset? Send 10 articles to your 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 Subset. Select 10 citations. Click the **E-mail** Function.

TOXLINE Subset Results (Items 1-20 of 556)

◀ Prev Page 1 of 28 Next ▶ **E-mail** | Download | Put in locker

[Clear check marks](#)

- 1 **Rao Quan Feasibility Study - Phase 1: Toxic Substances and Contamination (Final Report).**
Berge D, Knutzen J
Govt Reports Announcements & Index (GRA&I), Issue 06, 2000.
- 2 **Office of the Special Assistant to the Deputy Secretary of Defense for Gulf War Illnesses.**
Govt Reports Announcements & Index (GRA&I), Issue 12, 2000.
- 3 **Variable Name Dictionary for the Air Force Health Study 1985 Physical Exam, Questionnaire and Analyses Diskette.**
Michalek JE
Govt Reports Announcements & Index (GRA&I), Issue 14, 2001.
- 4 **Variable Name Dictionary for the Air Force Health Study 1992 Questionnaire and Analyses Diskette.**
Michalek JE
Govt Reports Announcements & Index (GRA&I), Issue 14, 2001.
- 5 **Epidemiologic Investigation of Health Effects in Air Force Personnel Following Exposure to Herbicides. Volume I: 1997 Follow-up Examination Results.**

Step 2: Enter E-mail address and message. Review **Selected Items**. Click **Send**.

E-mail Search Results

E-mail Address(es): *(Use semicolons (;) to separate addresses)*

Add message (optional):

Send selected items Start with item and send of 559 (max. 500)

Send as: Text HTML [Help me choose](#)

Format: Unlabelled Labelled Export [Help me choose](#)

Level of Detail: Brief Expanded Complete [Help me choose](#)

Selected Items

Rao Quan Feasibility Study - Phase 1: Toxic Substances and Contamination (Fi

6. Are there any items by Michael E. DeBakey in NLM Catalog? Are there any videos (i.e., Visual Material) about surgery? What type of surgery is the topic?

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

A screenshot of a search interface. It features a text input field containing the query 'debakey me [au]' and a button labeled 'Search' to its right. The entire search area is enclosed in a rectangular box with a red border.

Step 2: Display results for NLM Catalog.

A screenshot of the NLM Catalog search results page. The page title is 'NLM Catalog Results (Items 1-20 of 50)'. Below the title, there are navigation controls: 'Prev', 'Page 1 of 3', and 'Next'. To the right of these are links for 'E-mail', 'Download', and 'Put in locker'. Below the navigation is a link to 'Clear check marks'. The main content is a list of six search results, each with a checkbox and a title:

- 1 **MEDLINE : medical answers at your computer**
DeBakey, Michael E (Michael Ellis),, 1908-; Houston Public Library.; Municipal Channel (Television station : Houston, Tex.)
[Houston, Tex.] : Houston Public Library, c1998.
NLM ID: [101225670](#) [Videorecording;]
- 2 **The new living heart**
DeBakey, Michael E (Michael Ellis),, 1908-; Gotto, Antonio M
Holbrook, Mass. : Adams Media Corp., c1997.
NLM ID: [9713659](#) [Book]
- 3 **Dr. DeBakey remembers -- : the evolution of the National Library of Medicine, 1942-19**
DeBakey, Michael E (Michael Ellis),, 1908-; Lindberg, Donald A B, 1933-
[Bethesda, MD] : U.S. National Library of Medicine, 1997.
NLM ID: [100887950](#) [Videorecording;]
- 4 **The new living heart diet**
DeBakey, Michael E (Michael Ellis),, 1908-
Completely rev. and updated.
New York : Simon & Schuster, c1996.
NLM ID: [9608266](#) [Book]
- 5 **Advances in cardiovascular surgery : proceedings of the 8th Congress of Michael E. DeBakey International Surgical Society, 11-15 September, 1990, Yokohama, Japan**
Matsumoto, Akihiko; DeBakey, Michael E (Michael Ellis),, 1908-; Kondo, J; Michael E. DeBakey International Surgical Society. Congress, (8th : 1990 : Yokohama-shi, Japan)
Amsterdam ; New York : Excerpta Medica ; New York, NY, USA : Sole distributors for the USA and Canada, Elsevier Science Pub. Co., 1991.
NLM ID: [9111344](#) [Book]
- 6 **Pioneers in cardiovascular surgery : reflections**
Edwards, W Sterling, 1920-; Sauvage, Lester R, 1926-; DeBakey, Michael E (Michael Ellis),, 1908-; DevCom, Inc.; C.R. Bard, Inc.
[Murray Hill, N.J.?] : C.R. Bard, c1991.
NLM ID: [101095973](#) [Videorecording;]

A red arrow points to the NLM ID [101095973](#) in the sixth result.

7. Search photic sneeze reflex. From citations 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. For citations, display PubMed results. Use sidebar to go to OMIM results.

The screenshot shows the PubMed search results interface. On the left is a sidebar with navigation options like 'Bibliographic', 'PubMed', 'NLM Catalog', 'Bookshelf', 'TOXLINE Subset', 'DART', 'Meeting Abstracts', 'Consumer Health', 'MedlinePlus', 'Health Topics', 'Drug Info', 'Med Encyclopedia', 'Health News', 'Other Resources', 'ClinicalTrials.gov', 'DIRLINE', 'Genetics Home Ref', 'Household Prods', 'Other Resources', 'HSRProj', and 'OMIM (2)'. The main content area is titled 'PubMed Results (Items 1-13 of 13)'. It includes navigation controls (Prev, Page 1 of 1, Next), action links (E-mail, Download, Put in locker, Order documents), and a 'Clear check marks' link. Four search results are listed, each with a checkbox and a title in blue text:

- [Photic sneeze reflex or autosomal dominant compelling helio-ophthalmic outburst syndrome]**
García-Moreno JM. *Neurologia*. 2006 Jan-Feb;21(1):26-33. Review. Spanish. PMID: 16525923 [PubMed - indexed for MEDLINE] [Related Articles](#)
- [Autosomal dominant compelling helio-ophthalmic outburst syndrome (photic sneeze reflex). Clinical study of six Spanish families.]**
García-Moreno JM, Páramo MD, Cid MC, Navarro G, Gamero MA, Lucas M, Izquierdo G. *Neurologia*. 2005 Jul-Aug;20(6):276-82. Spanish. PMID: 16007510 [PubMed - indexed for MEDLINE] [Related Articles](#)
- 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]

Step 2: Note syndrome name in displayed OMIM results.

The screenshot shows the OMIM search results interface. It is titled 'OMIM: Online Mendelian Inheritance in Man Results (Items 1-2 of 2)'. It includes navigation controls (Prev, Page 1 of 1, Next), action links (E-mail, Download, Put in locker), and a 'Clear check marks' link. Two results are listed, each with a checkbox and a title in blue text:

- ACHOO SYNDROME**
<http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=100820>
- GASTRIC SNEEZING**
<http://www.ncbi.nlm.nih.gov/entrez/dispomim.cgi?id=137130>

A red arrow points to the first result, 'ACHOO SYNDROME'.

Below the results, the interface repeats the title 'OMIM: Online Mendelian Inheritance in Man Results (Items 1-2 of 2)', navigation controls, action links, and 'Clear check marks'.

9. Search for information about genetics and testing of newborns. Locate information in Genetics Home Reference about types of tests done in the United States. What are the 2 genetic disorders all states test for?

In Bookshelf, select the National Library of Medicine’s HSTAT publication. What 2 diseases are discussed?

What former Johns Hopkins lecturer in medical genetics impacted newborn testing world-wide? (Hint: see NLM’s archival collection, Profiles in Science)

What assessment method is their legacy?

- Step 1.** Enter the search terms in the query box. Use the Enter key or click on the **Search** button. Display Genetics Home Reference results. Click on a relevant link.

Genetics Home Reference Results (Items 1-2 of 2)

◀ Prev Page 1 of 1 Next ▶ [E-mail](#) | [Download](#) | [Put in locker](#)

[Clear check marks](#)

1 **What are the types of genetic tests?**
<http://ghr.nlm.nih.gov/handbook/testing/uses>
 Subcategory: Help Me Understand Genetics

2 **Why might someone have a genetic consultation?**
<http://ghr.nlm.nih.gov/handbook/consult/reasons>
 Subcategory: Help Me Understand Genetics

- Step 2.** Note the 2 disorders all states currently test infants for.

[About](#) [Site Map](#) [Contact Us](#)

Genetics Home Reference
 Your Guide to Understanding Genetic Conditions

Search

A service of the U.S. National Library of Medicine®

[Conditions](#) [Genes](#) [Chromosomes](#) [Handbook](#) [Glossary](#) [Resources](#)

[Handbook](#) > [Genetic Testing](#) >

[Next](#)

What are the types of genetic tests?

Genetic testing can provide information about a person’s genes and chromosomes. Available types of testing include:

[Newborn screening](#)

Newborn screening is used just after birth to identify genetic disorders that can be treated early in life. Millions of babies are tested each year in the United States. All states currently test infants for [phenylketonuria](#) (a genetic disorder that causes mental retardation if left untreated) and [congenital hypothyroidism](#) (a disorder of the thyroid gland). Most states also test for other genetic disorders.

[Diagnostic testing](#)

Step 3. Close Genetics Home Reference page. Use sidebar on the Results Page to go to Bookshelf.

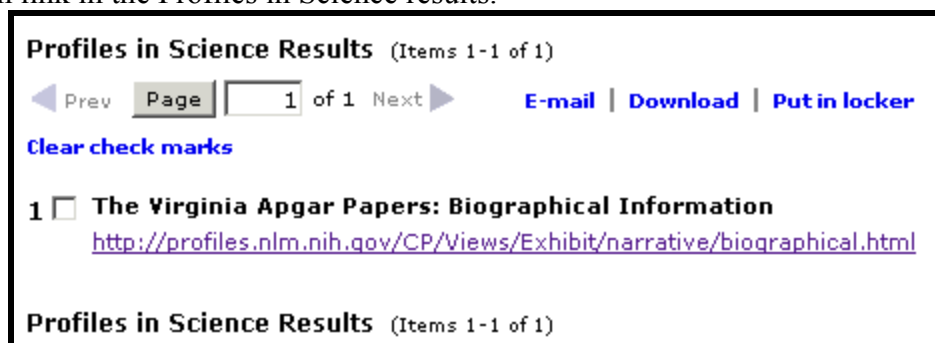
Display Bookshelf results and select the HSTAT publication.

Step 4. Note the 2 diseases discussed.

Step 4. Close Bookshelf page. Use sidebar to go to Profiles in Science results.




Click on link in the Profiles in Science results.



The Virginia Apgar Papers

Biographical Information



- Biographical Information
- [From Surgery to Anesthesiology, 1933-1937](#)
- [Establishing a New Specialty, 1938-1949](#)
- [Obstetric Anesthesia and a Scorecard for Newborns, 1949-1958](#)
- [Second Career: The National Foundation-March of Dimes, 1959-1974](#)

[Documents](#) Jump to [Chronology](#) [Visu](#)

"Nobody, but nobody, is going to stop breathing on me!"
--Dr. Virginia Apgar, ca. 1950s, explaining why she kept basic resuscitation equipment with her at all times.

It has been said that every baby born in a modern hospital anywhere in the world is looked at first through the eyes of Dr. Virginia Apgar. Her simple, rapid method for assessing newborn viability, the "Apgar score," has long been standard practice. Developed in the early 1950s and quickly adopted by obstetric teams, the method reduced infant mortality and laid the foundations of neonatology. While best known for this

Features

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

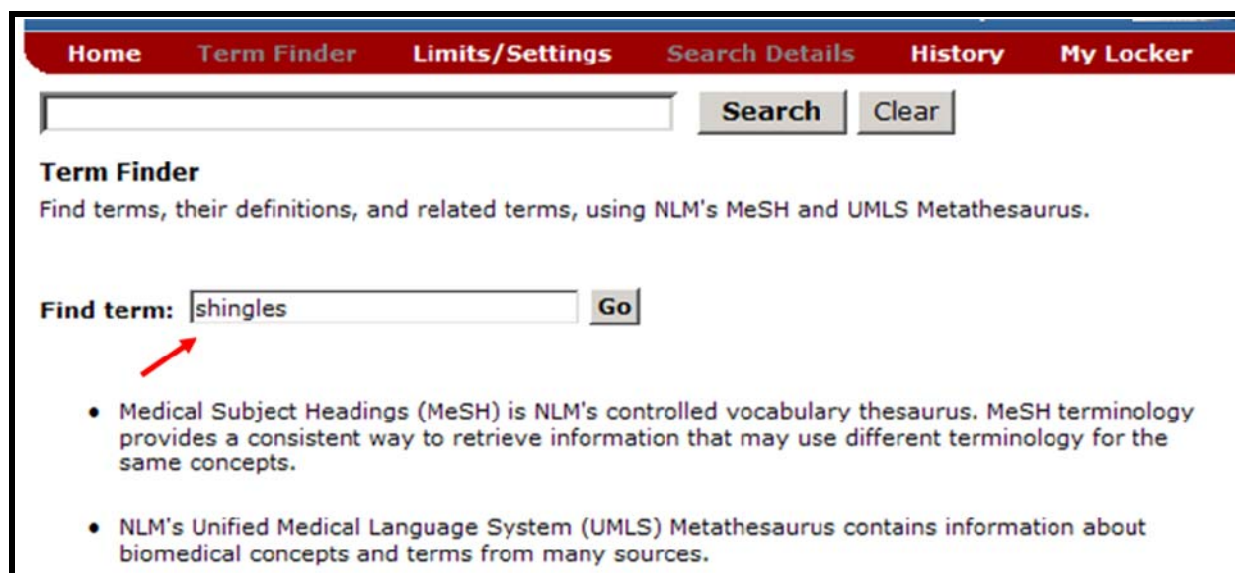


The screenshot shows the top of the NLM Gateway website. On the left, the text reads "NLM Gateway" in large blue letters, with "A service of the U.S. National Institutes of Health" below it. On the right, it says "Your Entrance to Resources from the National Library of Medicine" next to a small image of people. Below this is a red navigation bar with white text for "Home", "Term Finder", "Limits/Settings", "Search Details", "History", "My Locker", "About", "Help", and "FAQ". At the bottom of the banner is a search bar containing the text "hay fever", with "Search" and "Clear" buttons to its right.

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**.



The screenshot shows the Term Finder page. At the top is a red navigation bar with white text for "Home", "Term Finder", "Limits/Settings", "Search Details", "History", and "My Locker". Below this is a search bar with "Search" and "Clear" buttons. The main heading is "Term Finder" followed by the text "Find terms, their definitions, and related terms, using NLM's MeSH and UMLS Metathesaurus." Below this is a "Find term:" label, a text input field containing "shingles", and a "Go" button. A red arrow points to the "shingles" text in the input field. At the bottom, there are two bullet points: "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." and "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**

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.

[Home](#)
[Term Finder](#)
[Limits/Settings](#)
[Search Details](#)
[History](#)
[My Lo](#)

Term Finder

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

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](#)

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 | 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](#)

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 Bookshelf, the Consumer Health Resources, and in the HSDB, IRIS, ITER, GENE-TOX, CCRIS, and Profiles in Science collections.

- 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.

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.

Gateway displays the verification: **User preferences saved.**

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.

The screenshot shows the 'Limits and Settings' panel with the 'Results Settings' tab selected. The panel has four tabs: 'Search Limits', 'Results Settings', 'Select Fields', and 'Download/Display'. Below the tabs, there is a text box that says 'Customize the results page size and the results display formats.' There are three dropdown menus: 'Items Per Page' set to '20', 'Brief Display Format' set to 'Unlabelled', and 'Expanded Display Format' set to 'Unlabelled'. At the bottom, there are three buttons: 'Apply', 'Save', and 'Restore Default'.

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

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

The screenshot shows the 'Select Fields' panel with the 'Select Fields' tab selected. The panel has four tabs: 'Search Limits', 'Results Settings', 'Select Fields', and 'Download/Display'. Below the tabs, there is a text box that says 'Customize (for each collection) what fields to display in the brief or expanded format.' Below that, there is a text box that says 'Choose a collection and click on "Go" to customize:'. There is a dropdown menu with a list of collections: 'CCRIS: Chemical Carcinogenesis Research Info System', 'ClinicalTrials.gov', 'DART: Developmental and Reproductive Toxicology', 'DIRLINE: Directory of Health Organizations', 'GENE-TOX: Genetic Toxicology (Mutagenicity)', 'Genetics Home Reference', 'HSDB: Hazardous Substances Data Bank', 'HSRProj', 'IRIS: Integrated Risk Information System', 'ITER: International Toxicity Estimates for Risk', and 'MedlinePlus Current Health News'. The 'HSRProj' option is highlighted. To the right of the dropdown menu is a 'Go' button.

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.

Limits and Settings

[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

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 Link
<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"/>	Performing Organization Link
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Performing Organization Phone
<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 type="checkbox"/>	<input checked="" type="checkbox"/>	Supporting Agency Link
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Supporting Agency Phone
<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

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.

E-mail Address(es): *(Use semicolons (;) to separate addresses)*

Add message (optional):

Download as: Text HTML [Help me choose](#)

Format: Unlabelled Labelled Export [Help me choose](#)

Level of Detail: Brief Expanded Complete [Help me choose](#)

[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.

Search Details

User Query: heart attack

PubMed (158417 results)

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

NLM Catalog (1399 results)

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

Bookshelf (529 results)

Clicking Search Details on the Results Display page of a collection displays the search strategy for that collection. There is also a link to Details of Search for all of the 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.

Home
Term Finder
Limits/Settings
Search Details
History
My Locker

Search History

[Clear History](#)

Search Number	Search	Items Found	Actions
#5	Search: aspergers syndrome	6136	View Results Delete
#4	Search: fragile x syndrome AND 2006 [dp]	508	View Results Delete
#3	Search: heart attack	166559	View Results Delete
#2	Search: Herpes Zoster[MESH]	11892	View Results Delete
#1	Search: hay fever	12941	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).

- Search strategies and results for as many as the last 25 searches will be displayed.
- 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 by adding terms (e.g., #1 AND circulation)
- You can also combine searches, using search numbers and Boolean operators (e.g., #1 AND #2).
- Your Search History will be lost when you close your web browser.

My Locker

- **My Locker** is a place to collect selected search items for printing, downloading, e-mailing or ordering.

Marking and putting items in your Locker

- Perform a search and select a collection from the Results Summary.
- In the Results Display, use the check boxes to select items you wish to store in your locker.
- Click on **Put in locker**.

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.

Sign in

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

User ID:

Password:

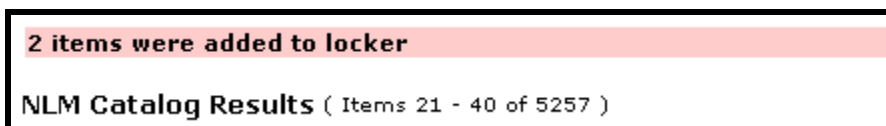
Use my limits/settings

[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: you can elect to **Sign in** using your limits/settings.

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





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

My Locker

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

[Order Documents](#) | [Delete](#) | [Download](#) | [E-mail](#)

- 1  **Myocardial infarction mimics Q waves.**
Jacobson C.
AACN Adv Crit Care. 2007 Oct-Dec;18(4):440-4. No abstract available.
PMID: 17978618 [PubMed - indexed for MEDLINE]
From PubMed
- 2  **MRI for the assessment of myocardial viability.**
Weinsaft JW, Klem I, Judd RM.
Magn Reson Imaging Clin N Am. 2007 Nov;15(4):505-25, v-vi.
PMID: 17976589 [PubMed]
From PubMed
- 3 **Biomarkers in heart disease**
De Lemos, James A; American Heart Association.
Malden, Mass. : Blackwell, 2008.
NLM ID: [101322144](#) [Book]
From NLM Catalog
- 4 **Focus on heart attack in Pennsylvania.**
Sessa EJ; Association for Health Services Research. Meeting.
Abstr Book Assoc Health Serv Res Meet. 1997;14:196.
From Meeting Abstracts

Note: the Sign Out button now appears on the Features Bar.

Locker Tips:

- o If an item is already in your locker, it will not be added again.
- o Contents of My Locker are grouped by collection.
- o Gateway functions are available in your locker.
- o Locker items remain until you delete them.
- o There is a limit of 500 items that may be stored in your locker.

NOTES

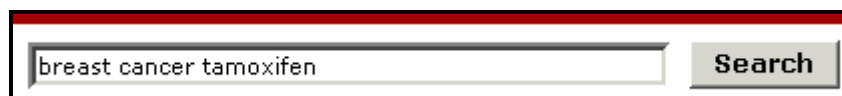
Practice Exercises

1. Search for information on breast cancer where tamoxifen is the treatment. How many meeting 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.
2. Delete term(s) in search query box.. Search for information about Food Allergies, using the Term Finder feature to find and use the correct MeSH term for your search query.
3. Using Gateway's Limits feature, locate information published between 2000 and 2004 on crystal methamphetamine and HIV. Is free full text of a journal article available online for any of the results? From what journal
4. Delete term(s) in search query box, uncheck Limits under the query box, and customize the Brief format display for the HSRProj collection. Using the Limits/Settings feature, click on Select Fields tab to customize the Brief format display for HSRProj to include 2 fields: Project Status & Supporting Agency. Then, find the following information:
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)?
5. Using the History feature, re-search the search query for exercise #2 above, refining it by adding 'AND child.' Review NLM Catalog results.

Suggested Answers

1. Search for articles on breast cancer where tamoxifen is the treatment. How many meeting 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.



A screenshot of a search interface. It features a text input field containing the search terms "breast cancer tamoxifen" and a button labeled "Search" to its right.

Step 2: Display the results for Meetings Abstracts. Select those about cost-effectiveness. Click on **Put in locker**.



Meeting Abstracts Results (Items 1-17 of 17)

◀ Prev Page 1 of 1 Next ▶ [E-mail](#) | [Download](#) | [Put in locker](#)

[Clear check marks](#)

- 1 **Primary Prevention of Breast Cancer with Tamoxifen: A Meta-analysis and Cost-effectiveness Analysis.**
Holty JE, Tan K; AcademyHealth. Meeting (2004 : San Diego, Calif.).
Abstr AcademyHealth Meet. 2004;21:abstract no. 1748.
- 2 **A cost-effectiveness analysis of the provision of preventative Tamoxifen for women in Canada who are at high risk of developing breast cancer.**
Will BP, Berthelot JM, Flanagan W, Logan DM, Tomiak E, Evans WK; International Society of Technology Assessment in Health Care. Meeting.
Annu Meet Int Soc Technol Assess Health Care Int Soc Technol Assess Health Care Meet. 1999;15:52.
- 3 **Effects of NIH consensus conferences and clinical alerts on the management of early stage breast cancer in the United States.**
Warnecke RB, Johnson TP, Ford LG, Kaluzny AD, Ozer H, Sondik E; International Society of Technology Assessment in Health Care. Meeting.
Abstr Int Soc Technol Assess Health Care Meet. 1993;9:51.

4 **The effect of tamoxifen on reverse transcriptase production from monocytes**

Step 3: 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.

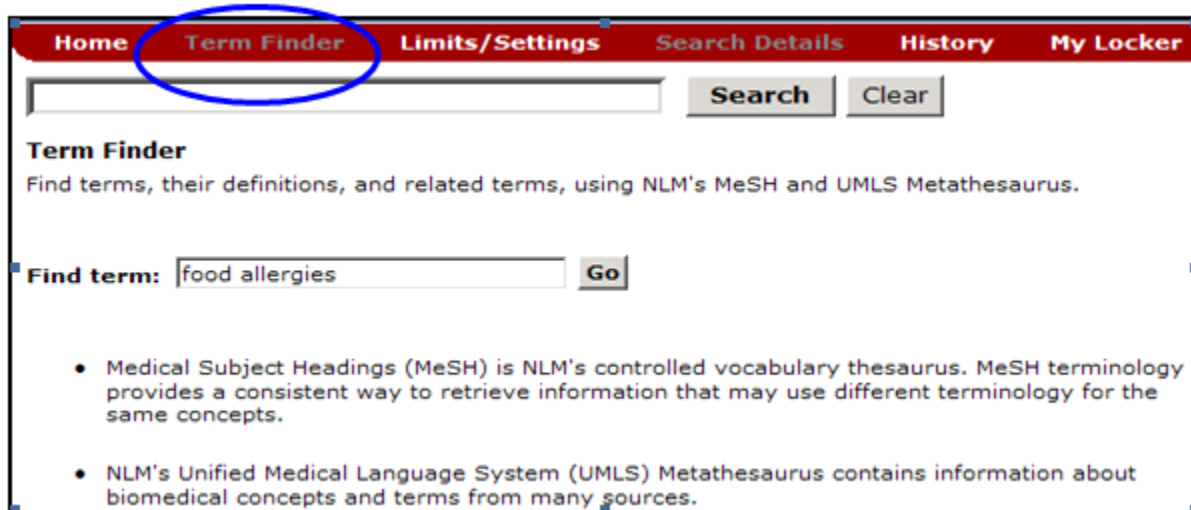
Step 4: Note: confirmation of number of items added to the Locker. Click on **My Locker** on the Features Bar to view the contents in your Locker.

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

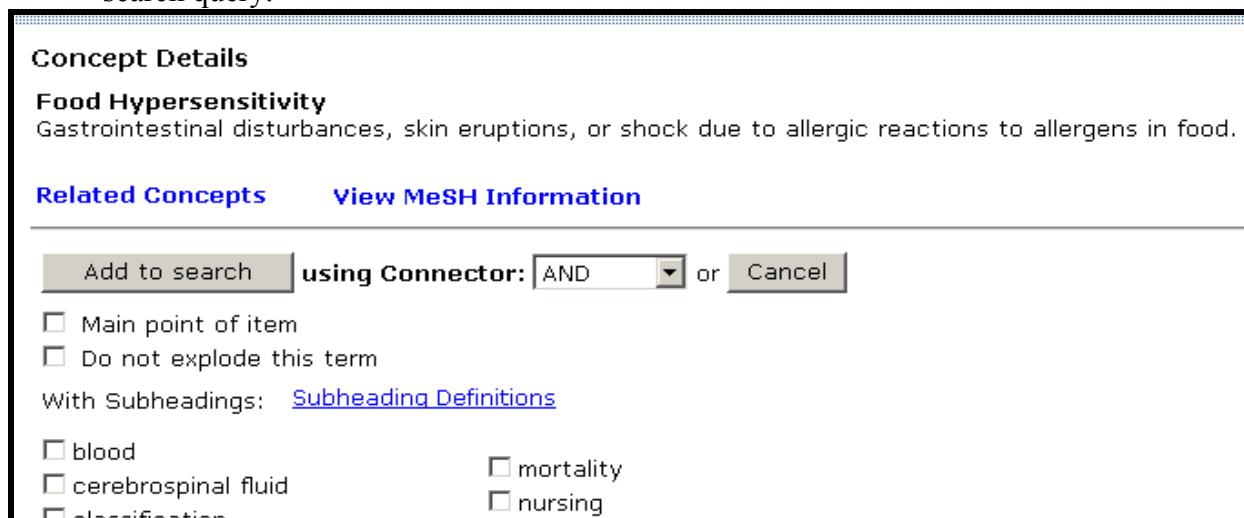
3 items were added to locker

2. Delete term(s) in search query box. Search for information about Food Allergies, using the Term Finder feature to find and use the correct MeSH term for your search query.

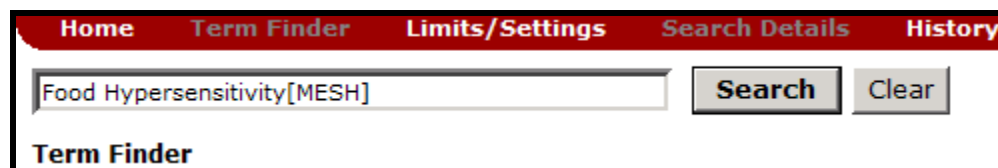
Step 1: Delete term(s) in search query box. Click on **Term Finder** on the features bar. Type in the term and click the **Go** button to find the correct MeSH term.



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.



3. Using Gateway's Limits feature, locate information published between 2000 and 2004 on crystal methamphetamine and HIV. Is free full text of a journal article available online for any of the results? From what journal(s)?

Step 1: Type the search terms in the query box. Click on **Limits/Settings** on the features bar. On Search Limits tab, add 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.

The screenshot displays the NLM Gateway interface with the following elements:

- Navigation Bar:** Home, Term Finder, Limits/Settings, Search Details, History, My Locke
- Settings applied to current session:** A search box containing "crystal methamphetamine AND HIV" with "Search" and "Clear" buttons. A checked checkbox indicates "Limits: 2000-2004".
- Limits and Settings Panel:**
 - Tabbed interface with "Search Limits" selected.
 - Text: "You may restrict (or limit) your searches by setting the limits below."
 - English Only:
 - Subsets: "No subsets applied" (dropdown menu)
 - Publication dates (yyyy/mm/dd) from "2000" to "2004" (default is **all dates**)
 - Note: A setting entry will be ignored for collections that do not support it.
 - Buttons: **Apply**, **Save**, **Restore Default**
- Footer:** [Restore All Settings to Default](#)

Step 2.: Display the results for MEDLINE/PubMed. Note link(s) to Free full text.
Note journal's Title Abbreviation.

The screenshot shows a PubMed search interface. At the top, a search box contains the text "crystal methamphetamine AND HIV". To the right of the search box are "Search" and "Clear" buttons. Below the search box, a checkbox labeled "Limits: 2000-2004" is checked. The main section is titled "PubMed Results (Items 1-20 of 84)". Below this title are navigation links: "Prev", "Page 1 of 5", "Next", "E-mail", "Download", "Put in locker", and "Order documents". A link "Clear check marks" is also present. The search results are listed as follows:

- 6** **Determinants of condom use stage of change among heterosexually-identified methamphetamine users.**
Semple SJ, Patterson TL, Grant I.
AIDS Behav. 2004 Dec;8(4):391-400.
PMID: 15690112 [PubMed - indexed for MEDLINE]
[Related Articles](#)
- 7** **Crystal methamphetamine use predicts incident STD infection among men who have sex with men recruited online: a nested case-control study.**
Hirschfield S, Remien RH, Walavalkar I, Chiasson MA.
J Med Internet Res. 2004 Nov 29;6(4):e41.
PMID: 15631965 [PubMed - indexed for MEDLINE]
[Related Articles](#) [Free in PMC](#) [Free at producer site](#)
- 8** **Crystal meth, HIV and the gay community: an epidemic within an epidemic.**
Malpas J.
Body Posit. 2004;17(3):24-7.
PMID: 15628017 [PubMed - indexed for MEDLINE]
[Related Articles](#)

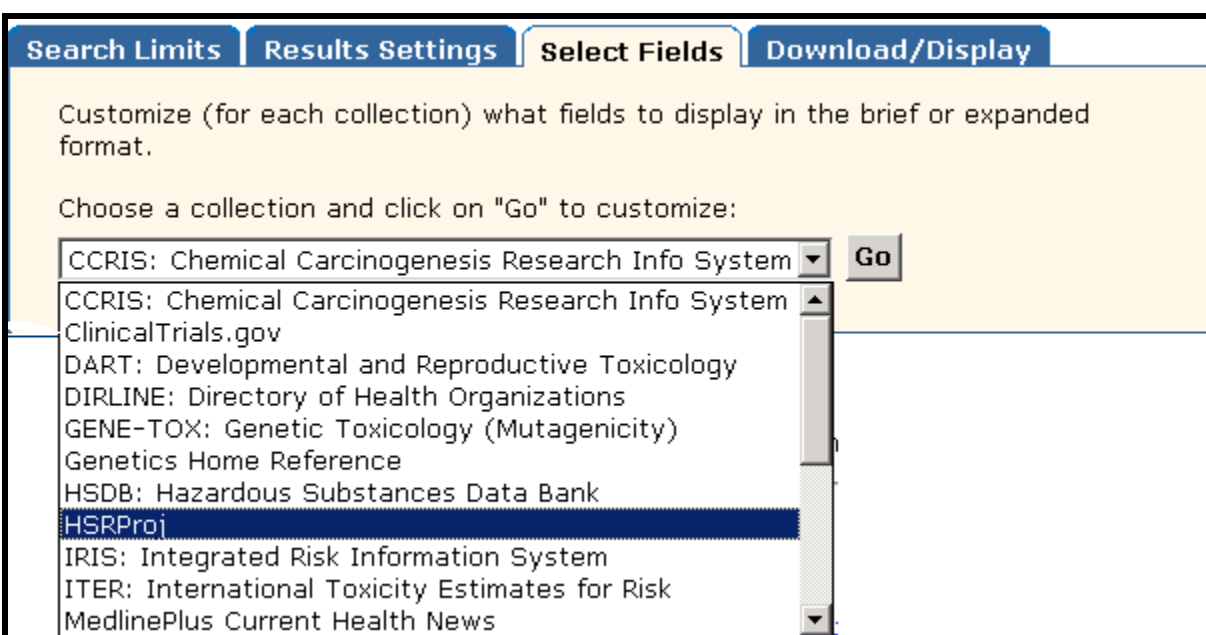
Red annotations in the image include a circle around the journal title "J Med Internet Res." in result 7, and two red arrows pointing to the "Free in PMC" and "Free at producer site" links in the same result.

4. Delete term(s) in search query box, uncheck Limits under the query box, and customize the Brief format display for the HSRProj collection. Using the Limits/Settings feature, click on Select Fields tab to customize the Brief format display for HSRProj to include 2 fields: Project Status & Supporting Agency.

Then, find the following information:

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:** . Delete term(s) in search query box and uncheck Limits under the query box. Click on **Limits/Settings** on the features bar directly. Go to the **Select Fields** tab. Select **HSRProj** from the pull-down menu and click on **Go**.



Step 2: Add the 2 fields to the **Brief Format**, Project Status and Supporting Agency.
Click on **Apply**.

<input type="checkbox"/>	<input checked="" type="checkbox"/>	Performing Organization Phone
<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 type="checkbox"/>	<input checked="" type="checkbox"/>	Supporting Agency Link
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Supporting Agency Phone
<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](#)

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

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

HSRProj Results (Items 1-87 of 87)

◀ Prev Page 1 of 1 Next ▶ [E-mail](#) | [Download](#) | [Put in locker](#)

[Clear check marks](#)

- 1 **Integrated continuity of care for adolescent drug users**
Jainchill, Nancy.
Supporting Agency: National Institute on Drug Abuse (NIDA)
Country: United States
Project Status: Ongoing
- 2 **Criminal justice addiction treatment in Texas (CJATT).**
Simpson, D D.
Supporting Agency: National Institute on Drug Abuse (NIDA)
Country: United States
Project Status: Completed
- 3 **Course of problems in adolescent drug treatment intakes.**
Weisner, Constance M.
Supporting Agency: National Institute on Drug Abuse (NIDA)
Country: United States
Project Status: Ongoing
- 4 **Adolescent substance abuse performance measures**

5. 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. Enter **#2** in the search query box. Add **AND child** to the query. Use the Enter key or click on the **Search** button.

The screenshot shows the NLM Gateway interface with the following elements:

- Navigation bar: Home, Term Finder, Limits/Settings, Search Details, History, My Locker
- Search bar: #2 AND child, Search, Clear
- Search History section with a "Clear History" link.
- Search History table:

Search Number	Search	Items Found	Actions
#5	Search: drug abuse treatment outcomes NIDA	2389	View Results Delete
#4	Search: crystal methamphetamine AND HIV Limit: 2000:2004	158	View Results Delete
#3	Search: crystal methamphetamine AND HIV	411	View Results Delete
#2	Search: Food Hypersensitivity[MESH]	13118	View Results Delete
#1	Search: breast cancer tamoxifen	12389	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.

The screenshot shows the NLM Catalog search results page with the following elements:

- Search bar: (Food Hypersensitivity [MeSH]) AND child, Search, Clear
- Section: NLM Catalog Results (Items 1-20 of 36)
- Navigation: Prev, Page 1 of 2, Next, E-mail, Download, Put in locker
- Clear check marks link
- Search results list:

- Sabrina's law**
Lank/Beach Productions Inc.; National Film Board of Canada.
[Montréal, Québec] : National Film Board of Canada, c2008.
NLM ID: [101478944](#) [Videorecording]
- Food allergies : new research**
Chesterton, Carrie M, 1959-
New York : Nova Science Publishers, c2008.
NLM ID: [101478846](#) [Book]
- Nutrition support for infants and children at risk**
Cooke, Richard J; Vandenplas, Yvan; Wahn, U (Ulrich); Nestlé Nutrition Workshop, (59th : 2006 : Berlin, Germany); Nestlé Nutrition Institute.
Basel ; New York : Karger ; Vevey : Nestlé Institute, c2007.
NLM ID: [101290179](#) [Book]
- Childhood health issues 1**
Ford-Jones, Elizabeth L; Chip Taylor Communications.
Derry, NH : Chip Taylor Communications, 2005.
NLM ID: [101247545](#) [Videorecording]

NOTES



About ClinicalTrials.gov

- A clinical trial is a research study in human volunteers to answer specific health questions.
- *Interventional trials* determine whether experimental treatments or new ways of using known therapies are safe and effective under controlled environments.
- *Observational trials* address health issues in large groups of people or populations in natural settings.
- ClinicalTrials.gov offers up-to-date information for locating federally and privately supported clinical trials for a wide range of diseases and conditions.
- Studies listed in the database are conducted in 50 states and in over 160 countries.
- ClinicalTrials.gov receives over 40 million page views per month and hosts approximately 50,000 visitors daily.
- Available at **clinicaltrials.gov**; alternatively, from NLM's home page (www.nlm.nih.gov), click on Health Information, and then click on the link to ClinicalTrials.gov from that page.



Menu & Search bar

- Appears as logo banner on all pages.
- Facilitates navigation.
- Search box provides an easy method to send a search from any page.
- Click on **Home** to return to the home page of ClinicalTrials.gov.
- **Search** returns to the Basic Search query page.
- Use **Study Topics** to view studies in four main categories of Conditions, Drug Interventions, Sponsors, and Locations (discussed later in this workbook).
- Use **Glossary** to become familiar with many of the common terms used in clinical trials.

The Footnote



- Click **U.S. National Library of Medicine** to reach NLM's home page.
- Click **Contact Help Desk** to send a customer service inquiry.
- Click **U.S. National Institutes of Health** to reach its home page.
- Click **U.S. Department of Health & Human Services** to reach its home page.
- Click **USA.gov** to reach its home page.
- Click **Copyright** to reach NLM's copyright information.
- Click **Privacy** to reach NLM's privacy policy.
- Click **Accessibility** to reach NLM's accessibility statement.
- Click **Freedom of Information Act (FOIA)** to reach the NIH FOIA Office home page.

ClinicalTrials.gov Home Page



A service of the U.S. National Institutes of Health

[Home](#) [Search](#) [Study Topics](#) [Glossary](#)

ClinicalTrials.gov is a registry of federally and privately supported clinical trials conducted in the United States and around the world. ClinicalTrials.gov gives you information about a trial's purpose, who may participate, locations, and phone numbers for more details. This information should be used in conjunction with advice from health care professionals. [Read more...](#)

▶ [Search for Clinical Trials](#)

Find trials for a specific medical condition or other criteria in the ClinicalTrials.gov registry. ClinicalTrials.gov currently has **69,244 trials** with locations in **161 countries**.

▶ [Investigator Instructions](#)

Get instructions for clinical trial investigators/sponsors about how to register trials in ClinicalTrials.gov. Learn about mandatory registration and results reporting requirements and US Public Law 110-85 (FDAAA).

▶ [Background Information](#)

Learn about clinical trials and how to use ClinicalTrials.gov, or access other consumer health information from the US National Institutes of Health.

Resources:

[Understanding Clinical Trials](#)

[What's New](#)

[Glossary](#)

Study Topics:

[List studies by Condition](#)

[List studies by Drug Intervention](#)

[List studies by Sponsor](#)

[List studies by Location](#)



This site complies to the [HONcode standard](#) for trustworthy health information: [verify here](#).

Resources

Helpful information for patients and families

- **Understanding Clinical Trials** in a question/answer format
- **What's New** to view the most recently added trials
- **Glossary** to become familiar with the most common terms used in clinical trials

Investigator Instructions

- Links to the system for investigators/sponsors to register trials in ClinicalTrials.gov

Background Information

- Resources links also included here
- Links to Help; Glossary; and other consumer health-oriented resources

Search for Clinical Trials

Basic Search

- Use **Basic Search** query box to find information broadly.

Type search terms.

Click Search button.

Basic Search [Advanced Search](#) [Studies by Topic](#) [Studies on Map](#)

Enter a word or phrase, such as the name of a medical condition or intervention.

Example: Heart Attack AND Los Angeles

[Advanced Search](#) [Help](#)

Search Tips:

Use AND (all upper case) to search for multiple terms. For example:
prostate cancer AND radiation
heart disease AND stroke AND California



Some misspelled words can be recognized and suggestions are provided through the automatic spell check feature.

Working with Results

- Results of your search are displayed under the **List Results** tab.
- The current status of the trial (e.g., recruiting), title, condition(s), and interventions are shown for each clinical trial.



The display default is for *all* trials. Click on the **Hide studies which are not seeking new volunteers** link to narrow your results to only studies recruiting new volunteers (see example on next page).

List Results (partial display):

The screenshot shows the ClinicalTrials.gov search results interface. At the top, there are navigation buttons: 'List Results', 'Refine Search', 'Results by Topic', 'Results on Map', and 'Search Details'. Below these, it states 'Found 994 studies with search of: colon cancer'. A red oval highlights the link 'Hide studies which are not seeking new volunteers.' To the right of this link is a '+ Display Options' button. The main content area lists five studies:

- 1 Recruiting** [Resveratrol for Patients With Colon Cancer](#)
Condition: Colon Cancer
Intervention: Drug: Resveratrol
- 2 Recruiting** [Prognostic Molecular and Environmental Factors in High-Risk Colon Cancer Patients](#)
Condition: Colon Cancer
Intervention: Behavioral: Questionnaire
- 3 Recruiting** [Frequency of Circulating Tumour Cells in Stage II and Stage III Colon Cancer Patients](#)
Condition: Colon Cancer
Intervention: Procedure: Cell Search Assay
- 4 Recruiting** [Thymidylate Synthase Polymorphisms as a Predictor of Toxicity to Capecitabine Chemotherapy in Colon Cancer Treatment](#)
Condition: Colon Cancer
Intervention:
- 5 Active, not recruiting** [A Study of Palifermin for the Reduction of Oral Mucositis in Subjects With Stage 2B or 3 Locally Advanced, Colon Cancer](#)
Condition: Colon Cancer
Intervention: Drug: palifermin

Click on the clinical trial title to see the full text view that may include:

- Brief Title
- Name of Sponsoring Institute
- Purpose
- Name of Disease or Condition
- Name of the Treatment or Intervention
- Phase
- Links to related MedlinePlus and Genetics Home Reference topics
- Study Type and Design
- Official Title
- Detailed Description
- Eligibility Information
- Dates of the study
- Location and Contact Information
- More Information Supplied by Sponsoring Organization
- References
- Results Data

See next page for a partial view of a fuller record.

Full Text View (partial display):

1 { Study 2 of 1404 for search of: colon cancer
 ← Previous Study Return to Search Results Next Study →

2 { Full Text View Tabular View No Study Results Posted Related Studies

Resveratrol for Patients With Colon Cancer
 This study is currently recruiting participants.
 Verified by University of California, Irvine, January 2009
 First Received: November 17, 2005 Last Updated: January 2, 2009 [History of Changes](#)

Sponsors and Collaborators:	University of California, Irvine University of California, Los Angeles
Information provided by:	University of California, Irvine
ClinicalTrials.gov Identifier:	NCT00256334

3 { **Purpose**
 Resveratrol is purported to possess cancer preventive activity, especially for colon cancer, though its mechanisms of action are not well defined.
 Resveratrol is found in the skin of grapes and has anti-oxidative and pro-apoptotic effects on cancer cell lines in vitro. The main dietary sources of resveratrol are grapes, grape products, red wine and small amounts in mulberries. A prior report and compelling preliminary data from our laboratory suggest that resveratrol modulates Wnt signaling, a signaling pathway which is activated in over 85% of colon cancers. In this proposal, studies will be performed to define

Legend:

- 1 Navigational area Use the **Next Study** or **Previous Study** or arrows to navigate through your retrieval. Use **Return to Search Results** to get back to your full retrieval in the short format.
- 2 Tabs **Tabular View:** displays the full record in a tabular/table format
Study Results: As of September 24, 2008 summary results information from completed studies is displayed
Related Studies: method to find related studies by searching for the conditions, interventions, and sponsors found in that specific clinical trial
- 3 Highlighting Searched terms are highlighted in a pale pink.
 Synonyms of those terms are highlighted in a pale yellow.

At the *bottom* of the List Results brief display page there are options for an RSS Feed and download options:

4 { [RSS Feed for studies found by your search that were received in the last 14 days](#)
[Hide Download Options](#)

5 { Number of Studies: Top 10 Studies
 Download Content: Download Full Studies as XML
 Download Select Study Fields:
 Which Fields: 2 Shown Fields
 Which Format: Plain Text
 Plain Text
 Tab Separated Values
 Comma Separated Values
 XML
 Download Zip File [WinZip](#) [PKZIP](#)

Legend:

- 4 RSS Feed Set up an **RSS Feed** for studies received in the last 14 days for a particular search.
- 5 Download Options Click **Download Options** to select options to download studies to a zip file.

Tabular View (partial display):

Full Text View	Tabular View	No Study Results Posted	Related Studies
--------------------------------	---------------------	-------------------------	---------------------------------

Resveratrol for Patients With Colon Cancer

This study is currently recruiting participants.

Study NCT00256334 Information provided by University of California, Irvine
 First Received: November 17, 2005 Last Updated: January 2, 2009 [History of Changes](#)

This Tabular View shows the required WHO registration data elements as marked by †

Tracking Information	
First Received Date †	November 17, 2005
Last Updated Date	January 2, 2009
Start Date †	July 2005
Current Primary Outcome Measures † (submitted: November 18, 2005)	Test the hypothesis that resveratrol modulates Wnt signaling in vivo in colon cancer and normal colonic mucosa [Time Frame: 3 years] [Designated as safety issue: No]

Study Results:

Full Text View	Tabular View	No Study Results Posted	Related Studies
--------------------------------	------------------------------	-------------------------	---------------------------------

Resveratrol for Patients With Colon Cancer

This study is currently recruiting participants.

Study NCT00256334. Last updated on January 2, 2009.
 Information provided by University of California, Irvine

No Study Results Posted for this Study

This page is available for displaying summary results information from completed studies (available as of September 24, 2008). However, no results data have been posted for this study. While all studies registered at ClinicalTrials.gov may submit results information, US Public Law 110-85, Title VIII, and the Maine state law on prescription drug clinical trial reporting require the posting of results for certain clinical trials at ClinicalTrials.gov within a specified time period.

Note that some studies will not have results posted for various reasons, including the following: the trial is not yet completed; the results data are being analyzed for future posting; mandatory submission requirements do not apply; or the deadline for results reporting has not been reached. Links to other resources providing results information for this study, including peer-reviewed publications, may be available in the full text view.



Search NCT00440011 to see Study Results. See below (partial display):

[Full Text View](#)
[Tabular View](#)
Study Results
[Related Studies](#)

Bimatoprost 0.03% Versus Travoprost 0.004% in Patients Currently on Latanoprost 0.005%

This study has been completed.

Study NCT00440011. Last updated on October 7, 2008.
Information provided by Allergan

Study Type:	Interventional
Study Design:	Randomized, Single Blind (Investigator), Active Control, Parallel Assignment
Conditions:	Glaucoma Ocular Hypertension
Interventions:	Drug: bimatoprost 0.03% eye drops Drug: travoprost 0.004% eye drops

Participant Flow

Recruitment Details

Key information relevant to the recruitment process for the overall study, such as dates of the recruitment period and locations

No text entered.

Pre-Assignment Details

Significant events and approaches for the overall study following participant enrollment, but prior to group assignment

No text entered.

Reporting Groups

	Description
Bimatoprost	bimatoprost 0.03% 1 drop nightly for 3 months
Travoprost	travoprost 0.004% 1 drop nightly for 3 months

Participant Flow: Overall Study

	Bimatoprost	Travoprost
STARTED	131	135
COMPLETED	127	132
NOT COMPLETED	4	3
Adverse Event	2	0
Lost to Follow-up	0	2
Protocol Violation	0	1
Withdrawal by Subject	1	0
Other	1	0

Related Studies (partial display):

[Full Text View](#)
[Tabular View](#)
[No Study Results Posted](#)
[Related Studies](#)

Resveratrol for Patients With Colon Cancer

This study is currently recruiting participants.

Study NCT00256334. Last updated on January 2, 2009.
Information provided by University of California, Irvine

Related Studies can be found by searching for the Conditions, Interventions, and Sponsors found in this study:

Conditions listed in this trial
[Colon Cancer](#)

Additional conditions recognized in this trial
[Colonic Neoplasms](#)

More general conditions related to this trial
[Colonic Diseases](#)
[Colorectal Neoplasms](#)
[Digestive System Diseases](#)
[Digestive System Neoplasms](#)
[Gastrointestinal Diseases](#)
[Gastrointestinal Neoplasms](#)
[Intestinal Diseases](#)
[Intestinal Neoplasms](#)
[Neoplasms](#)
[Neoplasms by Site](#)

Interventions listed in this trial
[Resveratrol](#)

Display Options Menu



To customize your display, on the **List Results** page of your search retrieval, click on the Display Options icon or link. Then, check the fields you want to display. Note the fields are added/deleted as you click in the field.

Display Options - choose fields to display below:

<input checked="" type="checkbox"/> Condition	<input checked="" type="checkbox"/> Intervention	<input type="checkbox"/> Sponsor	<input type="checkbox"/> Age Group
<input type="checkbox"/> Phase	<input type="checkbox"/> Size	<input type="checkbox"/> Funded By	<input type="checkbox"/> Study Type
<input type="checkbox"/> Study Design	<input type="checkbox"/> IICT Id	<input type="checkbox"/> Other Ids	<input type="checkbox"/> First Received
<input type="checkbox"/> Start Date	<input type="checkbox"/> Completion Date	<input type="checkbox"/> Last Updated	<input type="checkbox"/> Last Verified

To hide the Display Options, click on the Hide Display Options icon or link:



Advanced Search

- From the Basic Search page, click on the Advanced Search link or tab.
- Use this page to conduct a more structured and targeted search.
- The labels to the left of each box are links to further information about each field.
- It is not necessary to fill in all the fields.

The screenshot shows the 'Advanced Search' page on ClinicalTrials.gov. The 'Advanced Search' tab is highlighted with a red circle. Below the navigation tabs, there are instructions: 'Fill in any or all of the fields below.' and 'Click on a label to the left for further explanation or read the [Help](#).' The search fields are organized into sections: 'Search Terms' (a text box), 'Recruitment' (a dropdown menu set to 'Open Studies'), 'Study Results' (a dropdown menu set to 'All Studies'), and 'Study Type' (a dropdown menu set to 'All Studies'). A 'Search' button is located to the right of these fields. Below this is the 'Targeted Search' section, which includes 'Conditions' (a text box containing 'crohn's disease'), 'Interventions', 'Sponsors', and 'Study IDs'. A checkbox for 'Exact' is also present. The 'Locations' section consists of three numbered entries, each with 'State' and 'Country' dropdown menus. The first entry has 'United States, California' selected for the state. A red circle highlights the first two entries. A red box next to the locations section contains the text: 'When selecting more than 1 location, they will be ORed together.' Below the locations is a 'Location Terms' text box. A red box next to it contains the text: 'Use this box to search for a specific city or facility name.' The 'Additional Criteria' section includes checkboxes for 'Age Group' (Child (birth-17), Adult (18-65), Senior (66+)), 'Phase' (Phase I, Phase II, Phase III, Phase IV), and 'Funded By' (NIH, Other U.S. Federal Agency, Industry, University/Organization). At the bottom, there are 'First Received' and 'Last Updated' date range fields, each with 'From' and 'To' text boxes and '(MM/DD/YYYY)' format indicators. A 'Search' button and links for 'Basic Search' and 'Help' are at the very bottom.

Studies by Topic

- Easy way to search by selecting options from lists.

Example: Click on Conditions by Category

Basic Search Advanced Search **Studies by Topic** Studies on Map

Categorize All Studies in ClinicalTrials.gov

Select a Main Category

Conditions
[Alphabetic \(A-Z\)](#)
[By Category](#)

Rare Diseases
[Alphabetic \(A-Z\)](#)

Drug Interventions
[Alphabetic \(A-Z\)](#)
[By Category](#)

Dietary Supplements
[Alphabetic \(A-Z\)](#)
[By Category](#)

Sponsors
[Alphabetic \(A-Z\)](#)
[By Category](#)

Locations
[Alphabetic \(A-Z\)](#)
[By Region](#)

Select a Main Category.

Basic Search Advanced Search **Studies by Topic** Studies on Map

Categorize All Studies in ClinicalTrials.gov

Main Category: Conditions By Category

Select a Condition Category

Click on a link to list conditions in each category. If you are unsure of the category, try the [alphabetical listing of conditions](#)

[Bacterial and Fungal Diseases](#)
[Behaviors and Mental Disorders](#)
[Blood and Lymph Conditions](#)
[Cancers and Other Neoplasms](#)
[Digestive System Diseases](#)
[Diseases and Abnormalities at or before Birth](#)
[Ear, Nose, and Throat Diseases](#)
[Eye Diseases](#)
[Gland and Hormone Related Diseases](#)
[Heart and Blood Diseases](#)
[Immune System Diseases](#)
[Injuries, Poisonings, and Occupational Conditions](#)
[Mouth and Tooth Diseases](#)
[Muscle, Bone, and Cartilage Diseases](#)
[Nervous System Diseases](#)
[Nutritional and Metabolic Diseases](#)
[Parasitic Diseases](#)
[Respiratory Tract \(Lung and Bronchial\) Diseases](#)
[Skin and Connective Tissue Diseases](#)
[Symptoms and General Pathology](#)
[Urinary Tract, Sexual Organs, and Pregnancy Conditions](#)
[Viral Diseases](#)

Select a Condition.

Basic Search **Advanced Search** **Studies by Topic** **Studies on Map**

Categorize All Studies in ClinicalTrials.gov

Main Category: Conditions By Category

Condition Category: Mouth and Tooth Diseases

Search for Condition

Click on a link to search for the Condition. Use the back button to return to this page to try another Condition.

- [Alveolar Bone Loss](#) 6 studies
- [Anodontia](#) 2 studies
- [Basal Cell Nevus Syndrome](#) 8 studies
- [Behcet Syndrome](#) 10 studies
- [Bell Palsy](#) 5 studies
- [Bruxism](#) 1 study
- [Burning Mouth Syndrome](#) 6 studies
- [Candidiasis, Oral](#) 30 studies
- [Cheilitis](#) 1 study
- [Cleft Lip](#) 13 studies
- [Cleft Palate](#) 20 studies
- [Craniofacial Disorders](#) 17 studies
- [Dental Calculus](#) 2 studies
- [Dental Caries](#) 44 studies
- [Dental Occlusion, Traumatic](#) 1 study
- [Dental Plaque](#) 17 studies
- [Dental Pulp Diseases](#) 9 studies
- [Dental Pulp Exposure](#) 1 study
- [Dental Pulp Necrosis](#) 3 studies

Refine the Condition.

List Results for “Cleft Palate” studies (partial display):

List Results **Refine Search** **Results by Topic** **Results on Map** **Search Details**

Found 20 studies with search of: “Cleft Palate”

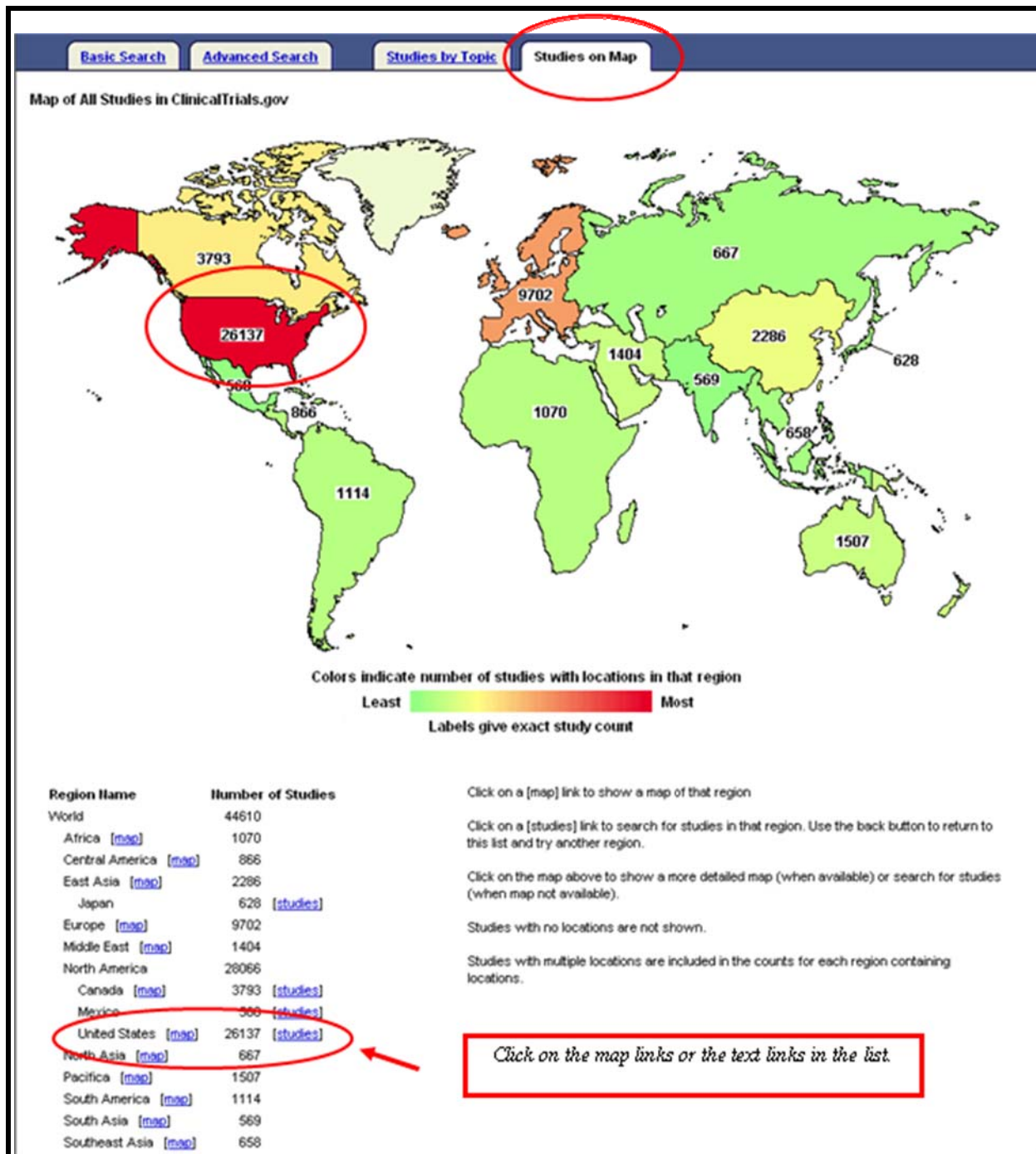
[Hide studies that are not seeking new volunteers.](#) [Display Options](#)

Rank	Status	Study
1	Recruiting	Middle Ear Pressure Disregulation in Cleft Palate Patients Condition: Cleft Palate Intervention:
2	Recruiting	An Investigation for the Optimal Timing of a Cleft Palate Repair Condition: Cleft Palate Interventions: Procedure: Palatoplasty; Procedure: Palatoplasty
3	Active, not recruiting	Retrospective Study on the Outcome of Cleft Palate Repair: Comparing US Surgical and Ethicon Suture Materials Condition: Cleft Palate Intervention:

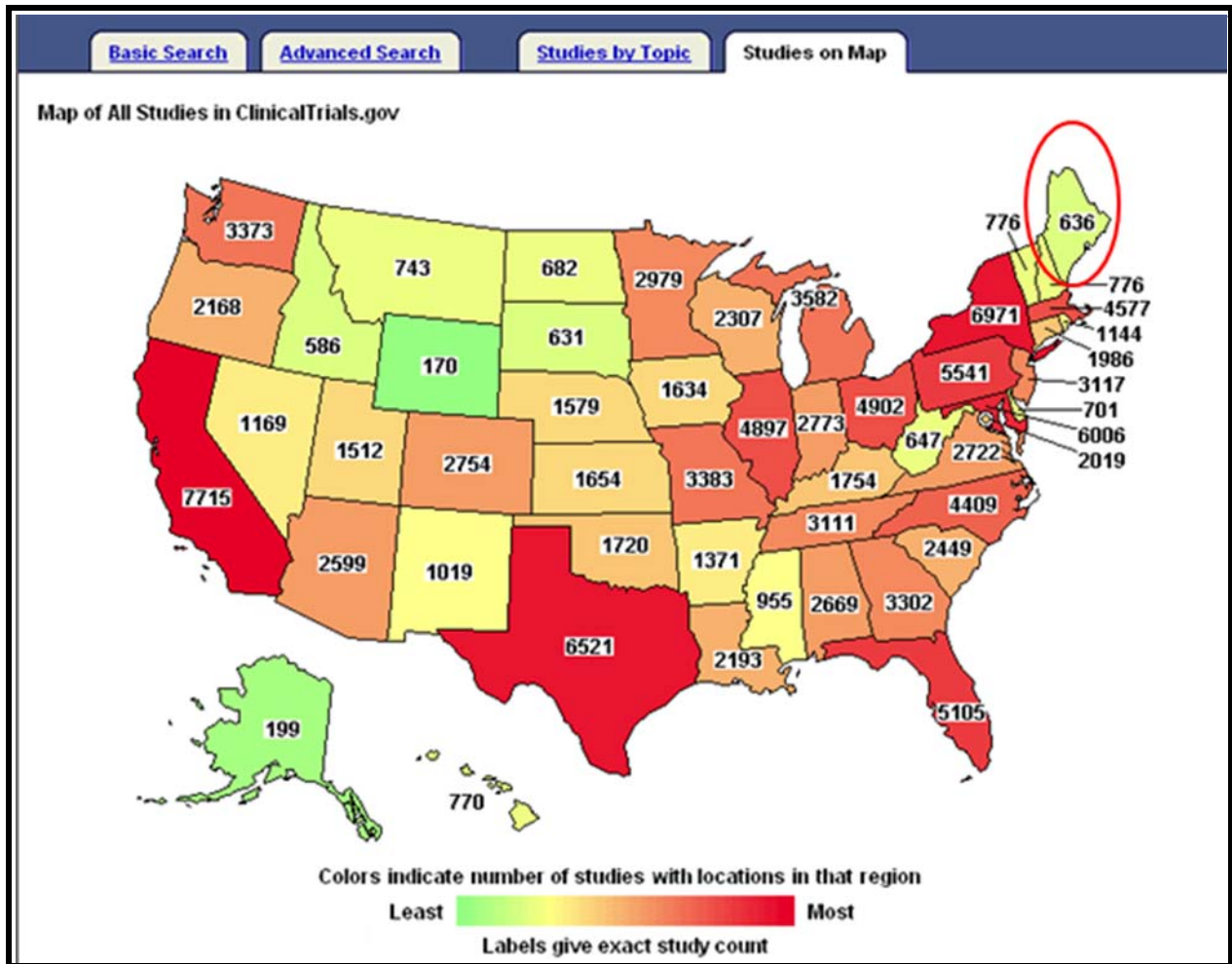
Studies on Map

- Easy way to search for clinical trials by location.

Example: Click on United States.



Click on the state of **Maine**:



Partial display of retrieval:

List Results [Refine Search](#) [Results by Topic](#) [Results on Map](#) [Search Details](#)

Found 655 studies with search of: United States, Maine

[Hide studies which are not seeking new volunteers.](#) [Display Options](#)

- 1 Active, not recruiting** [JUPITER – Crestor 20mg Versus Placebo in Prevention of CV Events](#)
Condition: Hypercholesterolemia
Intervention: Drug: Rosuvastatin
- 2 Recruiting** [Hormone Therapy With or Without Combination Chemotherapy in Treating Women Who Have Undergone Surgery for Node-Negative Breast Cancer \(The TAILORx Trial\)](#)
Condition: Breast Cancer
Interventions: Drug: anastrozole; Drug: exemestane; Drug: letrozole; Drug: tamoxifen citrate;
Procedure: adjuvant therapy; Procedure: antiestrogen therapy;
Procedure: aromatase inhibition; Procedure: biological markers;
Procedure: chemotherapy; Procedure: cytogenetic analysis; Procedure: diagnostic test;
Procedure: endocrine therapy; Procedure: hormone therapy; Procedure: radiation therapy

Refining your Search

Example: Start with a search for lymphoma from the Basic Search page:

Basic Search **Advanced Search** Studies by Topic Studies on Map

Enter a word or phrase, such as the name of a medical condition or intervention.

Example: Heart Attack AND Los Angeles

lymphoma

[Advanced Search](#) [Help](#)

- Use the various tabs from the **List Results** to refine or further limit your search:

List Results **Refine Search** Results by Topic Results on Map Search Details

Found 2108 studies with search of: lymphoma

[Hide studies which are not seeking new volunteers.](#) [Display Options](#)

- 1 Recruiting** [17-AAG in Treating Patients With Relapsed or Refractory Anaplastic Large Cell Lymphoma, Mantle Cell Lymphoma, or Hodgkin's Lymphoma](#)
Condition: Lymphoma
Interventions: Drug: tanespimycin; Procedure: chemotherapy
- 2 Completed** [A Safety and Effectiveness Study of Vaccine Therapy in Patients With Indolent Lymphoma](#)
Conditions: Lymphoma, Follicular; Lymphoma, Small Lymphocytic
Intervention: Drug: autologous human tumor-derived HSPPC-96
- 3 Recruiting** [R-CHOP Vs. R-FC Followed by Interferon Maintenance Vs. Rituximab Maintenance in Mantle Cell Lymphoma](#)
Condition: Lymphoma, Mantle-Cell
Interventions: Drug: Rituximab; Drug: Cyclophosphamide; Drug: Doxorubicin; Drug: Vincristine; Drug: Prednisone; Drug: Fludarabine; Drug: Interferon-alpha; Drug: pegylated formula Interferon-alpha 2b; Procedure: chemotherapy: R-CHOP; Procedure: chemotherapy: R-FC; Procedure: Interferon maintenance; Procedure: Rituximab maintenance
- 4 Recruiting** [Non-Randomized Safety Study With Bortezomib-Rituximab in Relapsed Refractory Indolent Lymphoma](#)
Conditions: Lymphoma; Non-Hodgkin Lymphoma
Interventions: Drug: Rituximab; Drug: VELCADE

Refine Search

[List Results](#) **Refine Search** [Results by Topic](#) [Results on Map](#) [Search Details](#) [Expert Search](#)

Refine your search here or [Start Over](#).

Change your search with any or all of the fields below.
Search within your current results by adding more search terms.

Search Terms: lymphoma

Recruitment: Open Studies

Study Results: All Studies

Study Type: All Studies

Targeted Search:

Conditions:

Interventions:

Sponsors:

Study IDs:

Exact

Locations:

1. **State:** --- Optional ---
Country: --- Optional ---

2. **State:** --- Optional ---
Country: --- Optional ---

3. **State:** --- Optional ---
Country: --- Optional ---

Location Terms:

Additional Criteria:

Age Group:

- Child (birth-17)
- Adult (18-65)
- Senior (66+)

Phase:

- Phase I
- Phase II
- Phase III
- Phase IV

Funded By:

- NIH
- Other U.S. Federal Agency
- Industry
- University/Organization

First Received: From To (MM/DD/YYYY)

Last Updated: From To (MM/DD/YYYY)

Search

[Help](#)

When you are done making changes, click Search to show new results

Lymphoma is retained as the search term.



Notice that the Refine Search page is the Advanced Search page with your previous search criteria retained for your convenience.

Results of Refine Search (partial display):

List Results	Refine Search	Results by Topic	Results on Map	Search Details
Found 107 studies with search of: lymphoma Open Studies Adult Phase III				
Include studies that are not seeking new volunteers.				Display Options
Rank	Status	Study		
1	Recruiting	Immunotherapy in Peripheral T Cell Lymphoma - the Role of Alemtuzumab in Addition to Dose Dense CHOP Conditions: Peripheral T Cell Lymphoma, Unspecified; Angioimmunoblastic Lymphadenopathy; AIL Type Lymphoma; Anaplastic Large Cell Lymphoma, ALK Negative; Extranodal NK/T-Cell Lymphoma Interventions: Biological: alemtuzumab; Drug: chemotherapy		
2	Recruiting	Rituximab After Induction Chemotherapy (R-CHOP Vs. R-FC) Followed by Interferon Maintenance Versus Rituximab Maintenance in Mantle Cell Lymphoma Condition: Lymphoma, Mantle-Cell Interventions: Drug: Rituximab; Drug: Cyclophosphamide; Drug: Doxorubicin; Drug: Vincristine; Drug: Prednisone; Drug: Fludarabine; Drug: Interferon-alpha; Drug: pegylated formula Interferon-alpha 2b; Procedure: chemotherapy: R-CHOP; Procedure: chemotherapy: R-FC; Procedure: Interferon maintenance; Procedure: Rituximab maintenance		
3	Recruiting	First-Line R-CVP vs R-CHOP Induction Immunochemotherapy for Indolent Lymphoma and R Maintenance. Conditions: Follicular Lymphoma; Marginal Zone Lymphoma; Small Lymphocytic Lymphoma; Lymphoplasmacytic Lymphoma Interventions: Drug: Rituximab, Cyclophosphamide, Vincristine, Prednisone; Drug: Rituximab, Cyclophosphamid, Doxorubicin, Vincristine, Prednisone		
4	Recruiting	Randomized Trial of Chlorambucil Versus Chlorambucil Plus Rituximab in MALT Lymphoma Condition: Lymphoma, Mucosa-Associated Lymphoid Tissue Interventions: Drug: rituximab (drug); Drug: chlorambucil (drug)		

Results by Topic

- Narrow your results by selecting specific topical categories.

Example: Use Results by Topic to narrow your original retrieval by Drug Intervention:

The screenshot shows the 'Results by Topic' interface on ClinicalTrials.gov. At the top, there are four tabs: 'List Results', 'Refine Search', 'Results by Topic' (circled in red), and 'Results on Map'. Below the tabs, the text reads 'Categorize 107 studies found by search of: lymphoma | Open Studies | Adult | Phase III'. The main content area is titled 'Select a Main Category' and contains several sections with links: 'Conditions' (Alphabetic (A-Z), By Category), 'Rare Diseases' (Alphabetic (A-Z)), 'Drug Interventions' (Alphabetic (A-Z), By Category - circled in red), 'Dietary Supplements' (Alphabetic (A-Z), By Category), 'Sponsors' (Alphabetic (A-Z), By Category), and 'Locations' (Alphabetic (A-Z), By Region).

Then limit to Antineoplastic Agents:

The screenshot shows the 'Results by Topic' interface with 'Drug Interventions By Category' selected as the main category. The text reads 'Categorize 107 studies found by search of: lymphoma | Open Studies | Adult | Phase III'. Below this, the 'Main Category: Drug Interventions By Category' is displayed. The section is titled 'Select a Drug Intervention Category' and contains a list of drug intervention categories. The link 'Antineoplastic Agents' is circled in red. Other categories listed include Analgesics, Non-Narcotic; Anti-Infective Agents; Anti-inflammatory Agents; Antirheumatic Agents; Blood Substitutes; Bone Density Conservation Agents; Central Nervous System Depressants; Channel Blockers; Dermatologic Agents; Gastrointestinal Agents; Hematinics; Hypoglycemic Agents; Micronutrients; Psychotropic Drugs; and Reproductive Control Agents.

Next you reach a page with an alphabetic list of Antineoplastic Agents to choose from (partial display):

Let's choose Cyclophosphamide:

Categorize 107 studies found by search of: lymphoma | Open Studies | Adult | Phase III

Main Category: Drug Interventions By Category

Drug Intervention Category: Antineoplastic Agents

Search for Drug Intervention

Click on a link to search for the Drug Intervention. Use the back button to return to this page to try another Drug Intervention.

Counts are limited to those studies found by your search. [Similar listings are available for all studies in ClinicalTrials.gov](#)

- [Alemtuzumab](#) 4 studies
- [Angiogenesis Inhibitors](#) 2 studies
- [Anticarcinogenic Agents](#) 2 studies
- [Antimitotic Agents](#) 24 studies
- [Antineoplastic Agents, Alkylating](#) 37 studies
- [Antineoplastic Agents, Hormonal](#) 27 studies
- [Antineoplastic Agents, Phytogetic](#) 24 studies
- [Bevacizumab](#) 1 study
- [Bexarotene](#) 1 study
- [Bleomycin](#) 8 studies
- [Bortezomib](#) 1 study
- [Busulfan](#) 5 studies
- [Carmustine](#) 4 studies
- [Cetuximab](#) 1 study
- [Chlorambucil](#) 3 studies
- [Clofarabine](#) 1 study
- [Cyclophosphamide](#) 35 studies
- [Cytarabine](#) 15 studies

Results of search (partial display):

Found 35 studies with search of: lymphoma | Open Studies | "Cyclophosphamide" | Adult | Phase III

[Include studies that are not seeking new volunteers](#) [Display Options](#)

Rank	Status	Study
1	Recruiting	Study of the Combination of Rituximab, Cyclophosphamide, Doxorubicin, VELCADE, and Prednisone or Rituximab, Cyclophosphamide, Doxorubicin, Vincristine, and Prednisone in Patients With Newly Diagnosed Mantle Cell Lymphoma Condition: Mantle Cell Lymphoma Interventions: Drug: Rituximab, Cyclophosphamide, Doxorubicin, VELCADE, and Prednisone; Drug: Rituximab, Cyclophosphamide, Doxorubicin, Vincristine and Prednisone
2	Recruiting	Efficacy of Rituximab - Cyclophosphamide, Doxorubicin, Vincristine, and Prednisone (R-CHOP) Versus R-CHOP/R-DHAP in Patients With Untreated Mantle Cell Lymphoma Condition: Lymphoma, Mantle-Cell Interventions: Drug: Rituximab; Drug: Cyclophosphamide; Drug: Doxorubicin; Drug: Vincristine; Drug: Prednisone; Drug: Cisplatinium; Drug: Ara-C; Drug: Dexamethasone; Drug: BCNU; Drug: Melphalan; Drug: Etoposide; Drug: G-CSF; Procedure: chemotherapy: R-CHOP; Procedure: chemotherapy: R-DHAP; Procedure: chemotherapy: Dexamethasone; Procedure: stem cell harvest; Procedure: total body irradiation; Procedure: high-dose chemotherapy: Cyclophosphamide; Procedure: high-dose chemotherapy: Ara-C/Melphalan

Example: Use Results by Topic to narrow retrieval to a specific location - Connecticut

[List Results](#) [Refine Search](#) **Results by Topic** [Results on Map](#) [Search Details](#)

Categorize 35 studies found by search of: lymphoma | Open Studies | "Cyclophosphamide" | Adult | Phase III

Select a Main Category

Categories are limited to those in the 35 studies found by your search.
[Similar listings are available for all studies in ClinicalTrials.gov](#)

Conditions Alphabetic (A-Z) By Category	Rare Diseases Alphabetic (A-Z)
Drug Interventions Alphabetic (A-Z) By Category	Dietary Supplements Alphabetic (A-Z) By Category
Sponsors Alphabetic (A-Z) By Category	
Locations Alphabetic (A-Z) By Region	

[List Results](#) [Refine Search](#) **Results by Topic** [Results on Map](#) [Search Details](#)

Categorize 35 studies found by search of: lymphoma | Open Studies | "Cyclophosphamide" | Adult | Phase III

Main Category: Locations By Region

Select a Location Region

Click on a link to list locations in each region. If you are unsure of the region, try the [alphabetical listing of locations](#)

Categories are limited to those in the 35 studies found by your search.
[Similar listings are available for all studies in ClinicalTrials.gov](#)

- [Central America](#)
- [East Asia](#)
- [Europe](#)
- [Middle East](#)
- [North America](#)**
- [Pacific](#)

Next, is a listing of states (partial display):

Categorize 35 studies found by search of: lymphoma | Open Studies | "Cyclophosphamide" | Adult | Phase III

Main Category: Locations By Region

Location Region: North America

Search for Location

Click on a link to search for the Location. Use the back button to return to this page to try another Location.

Counts are limited to those studies found by your search. [Similar listings are available for all studies in ClinicalTrials.gov](#)

[Canada](#) 9 studies

- [Canada, Alberta](#) 5 studies
- [Canada, British Columbia](#) 6 studies
- [Canada, Manitoba](#) 6 studies
- [Canada, New Brunswick](#) 2 studies
- [Canada, Newfoundland and Labrador](#) 5 studies
- [Canada, Nova Scotia](#) 6 studies
- [Canada, Ontario](#) 7 studies
- [Canada, Quebec](#) 7 studies
- [Canada, Saskatchewan](#) 7 studies

[United States](#) 14 studies

- [United States, Alabama](#) 4 studies
- [United States, Alaska](#) 1 study
- [United States, Arizona](#) 4 studies
- [United States, Arkansas](#) 4 studies
- [United States, California](#) 6 studies
- [United States, Colorado](#) 6 studies
- [United States, Connecticut](#) 4 studies
- [United States, Delaware](#) 4 studies
- [United States, District of Columbia](#) 5 studies

List Results (partial display):

[List Results](#) [Refine Search](#) [Results by Topic](#) [Results on Map](#) [Search Details](#)

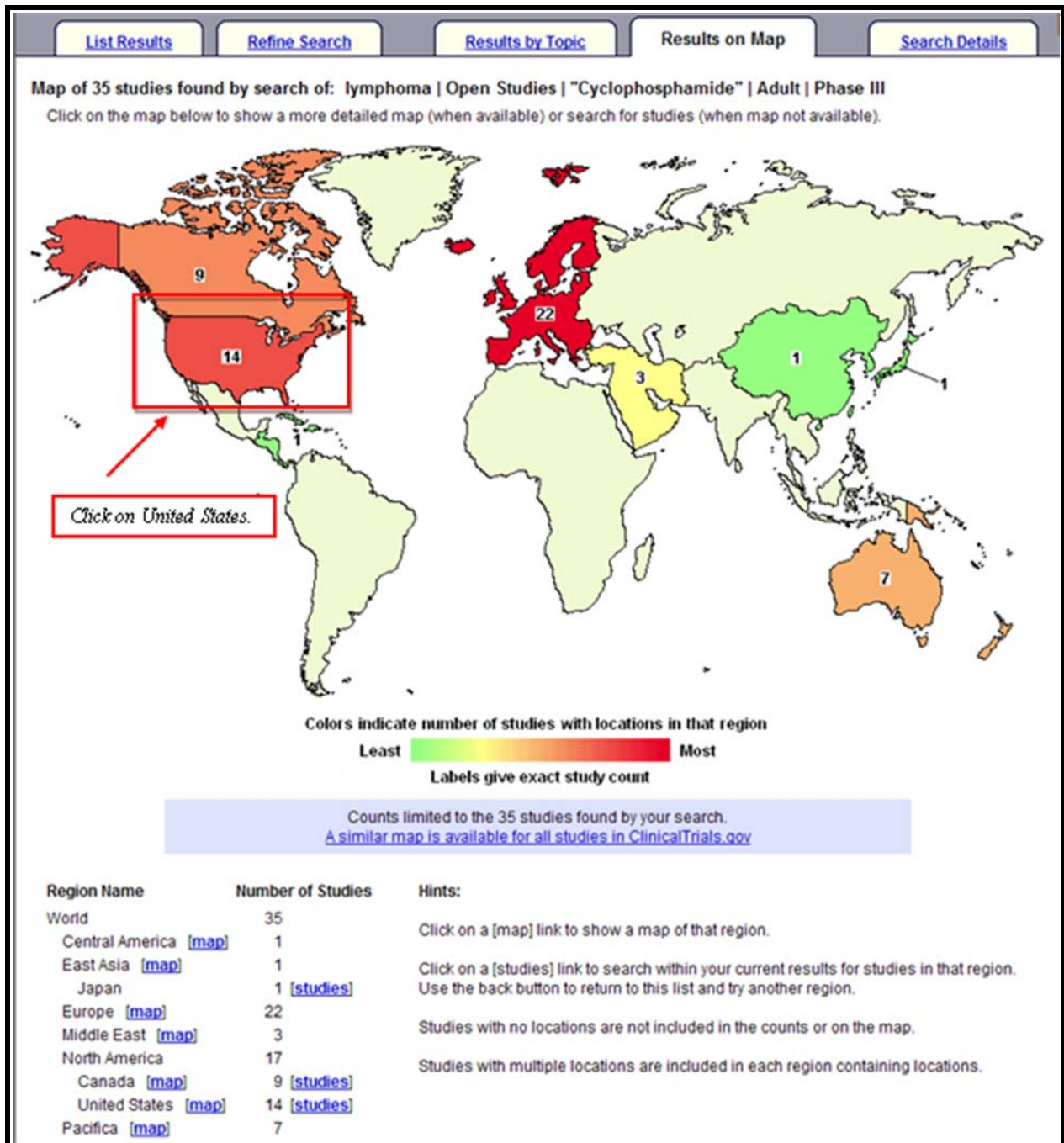
Found 4 studies with search of: lymphoma | Open Studies | "Cyclophosphamide" | United States, Connecticut | Adult | Phase III

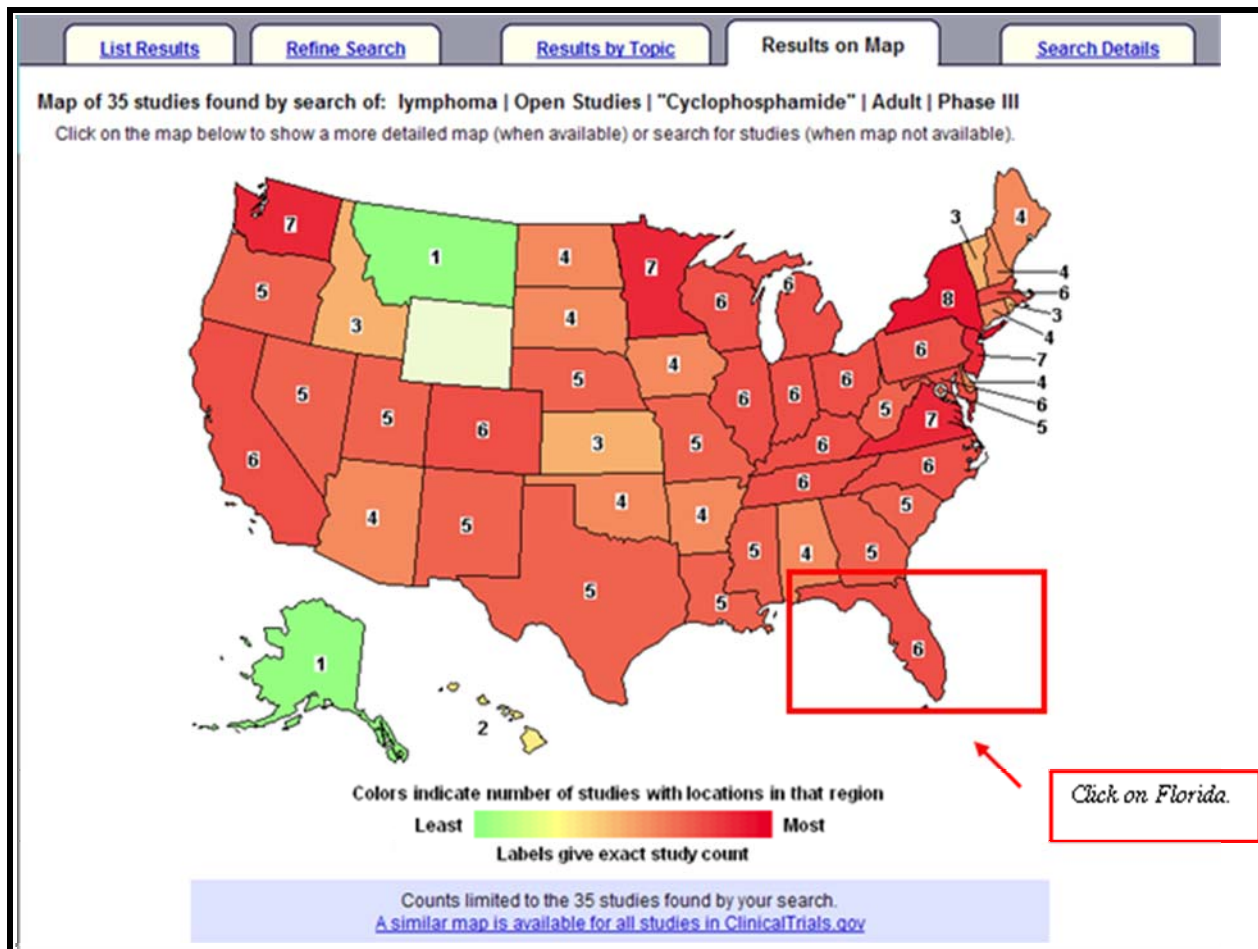
[Include studies that are not seeking new volunteers.](#) [Display Options](#)

Rank	Status	Study
1	Recruiting	Rituximab and Combination Chemotherapy in Treating Patients With Diffuse Large B-Cell Non-Hodgkin's Lymphoma Condition: Lymphoma Interventions: Biological: filgrastim; Biological: rituximab; Drug: cyclophosphamide; Drug: doxorubicin hydrochloride; Drug: etoposide; Drug: prednisone; Drug: vincristine sulfate
2	Recruiting	Chemotherapy With or Without Additional Chemotherapy and/or Radiation Therapy in Treating Children With Newly Diagnosed Hodgkin's Disease Condition: Lymphoma Interventions: Biological: bleomycin; Biological: filgrastim; Drug: cisplatin; Drug: cyclophosphamide; Drug: cytarabine; Drug: dexamethasone; Drug: doxorubicin hydrochloride; Drug: etoposide; Drug: prednisone; Drug: vincristine sulfate; Radiation: radiation therapy

Results on Map

Click geographic region to get fuller information.






List Results (partial display):

Rank	Status	Study
<p>Found 6 studies with search of: lymphoma Open Studies "Cyclophosphamide" United States, Florida Adult Phase III Include studies that are not seeking new volunteers. Display Options</p>		
1	Recruiting	<p>Rituximab and Combination Chemotherapy in Treating Patients With Diffuse Large B-Cell Non-Hodgkin's Lymphoma Condition: Lymphoma Interventions: Biological: filgrastim; Biological: rituximab; Drug: cyclophosphamide; Drug: doxorubicin hydrochloride; Drug: etoposide; Drug: prednisone; Drug: vincristine sulfate</p>
2	Recruiting	<p>Chemotherapy With or Without Additional Chemotherapy and/or Radiation Therapy in Treating Children With Newly Diagnosed Hodgkin's Disease Condition: Lymphoma Interventions: Biological: bleomycin; Biological: filgrastim; Drug: cisplatin; Drug: cyclophosphamide; Drug: cytarabine; Drug: dexamethasone; Drug: doxorubicin hydrochloride; Drug: etoposide; Drug: prednisone; Drug: vincristine sulfate; Radiation: radiation therapy</p>

ClinicalTrials.gov Identifier Number & PubMed

- In July 2005 NLM began including the ClinicalTrials.gov identifier number in MEDLINE records, when the article is devoted solely and entirely to announcing or reporting the results of the clinical trial.
- The data displays in the Secondary Source ID field [SI] in the Citation and MEDLINE display formats. For additional information, see the May-June 2005 *NLM Technical Bulletin* article at http://www.nlm.nih.gov/pubs/techbull/mj05/mj05_ct.html.
- Use *clinicaltrials.gov* [si] in PubMed to retrieve these citations.

1: [Diabetes Care](#). 2007 Sep;30(9):2236-7. Epub 2007 Jun 11.

 **Full Text**
Diabetes Care

Effect of cinnamon on glucose and lipid levels in non insulin-dependent type 2 diabetes.

[Blevins SM](#), [Leyva MJ](#), [Brown J](#), [Wright J](#), [Scofield RH](#), [Aston CE](#).

Department of Medicine, University of Oklahoma, Oklahoma City, Oklahoma, USA. steve-blevins@ouhsc.edu

Publication Types:

- [Randomized Controlled Trial](#)
- [Research Support, N.I.H., Extramural](#)

MeSH Terms:

- [Blood Glucose](#)
- [Cinnamomum aromaticum*](#)
- [Diabetes Mellitus, Type 2/blood](#)
- [Diabetes Mellitus, Type 2/drug therapy*](#)
- [Double-Blind Method](#)
- [Female](#)
- [Humans](#)
- [Lipids/blood](#)
- [Male](#)
- [Middle Aged](#)
- [Phytotherapy*](#)
- [Plant Preparations/therapeutic use](#)
- [Powders](#)

Substances:

- [Blood Glucose](#)
- [Lipids](#)
- [Plant Preparations](#)
- [Powders](#)

Secondary Source ID:

- [ClinicalTrials.gov/NCT00237640](#)

Grant Support:

- [M01 RR14467/RR/NCRR](#)

PMID: 17563345 [PubMed - indexed for MEDLINE]

Links

- ▶ PubMed
- ▶ ClinicalTrials.gov

PubMed's Citation format displays links for ClinicalTrials.gov identifier numbers that link you directly to the record in ClinicalTrials.gov

Practice Exercises

1. Are there any clinical trials studying acupuncture? From the List Results page, hide the studies that are not seeking new volunteers.

2. Find Phase III clinical trials for bladder cancer for an adult living in Texas who wants to get into a trial. (Hint: Use Advanced Search).

3. Using the Studies by Topic tab, retrieve the clinical trials studying Cataracts. Once you have your retrieval, use the Results on Map tab to see the U.S. states where these studies are located.

Suggested Answers

1. Are there any clinical trials studying acupuncture? From the List Results page, hide the studies that are not seeking new volunteers.

Basic Search [Advanced Search](#) [Studies by Topic](#) [Studies on Map](#)

Enter a word or phrase, such as the name of a medical condition or intervention.

Example: Heart Attack AND Los Angeles

acupuncture

[Advanced Search](#) [Help](#)

List Results [Refine Search](#) [Results by Topic](#) [Results on Map](#) [Search Details](#)

Found 137 studies with search of: acupuncture

[Hide studies which are not seeking new volunteers,](#) + Display Options

1 Not yet recruiting [Acupuncture Treatment to Reduce Burning Pain in Spinal Cord Injury](#)
Condition: Neuropathic Pain
Interventions: Procedure: Acupuncture + electrical stimulation; Procedure: Sham acupuncture

2 Completed [Randomized Controlled Trial of Acupuncture Versus Sham Acupuncture in Autistic Spectrum Disorder](#)
Conditions: Autistic Disorder; Autism
Intervention: Procedure: Tongue Acupuncture (Procedure)

3 Not yet recruiting [Acupuncture for Phantom Limb Pain](#)
Condition: Phantom Limb Pain
Intervention: Procedure: acupuncture

List Results [Refine Search](#) [Results by Topic](#) [Results on Map](#) [Search Details](#)

Found 61 studies with search of: acupuncture | Open Studies

[Include studies which are not seeking new volunteers,](#) [+ Display Options](#)

1 Not yet recruiting [Acupuncture Treatment to Reduce Burning Pain in Spinal Cord Injury](#)
Condition: Neuropathic Pain
Interventions: Procedure: Acupuncture + electrical stimulation; Procedure: Sham acupuncture

2 Not yet recruiting [Acupuncture for Phantom Limb Pain](#)
Condition: Phantom Limb Pain
Intervention: Procedure: acupuncture

3 Recruiting [Trial of Acupuncture for Reduction of Post-Colectomy Ileus](#)
Conditions: Postoperative Ileus; Colon Cancer; Pain, Postoperative; Postoperative Nausea and Vomiting
Intervention: Procedure: Acupuncture

2. Find Phase III clinical trials for bladder cancer for an adult living in Texas who wants to get into a trial. (Hint: Use Advanced Search).

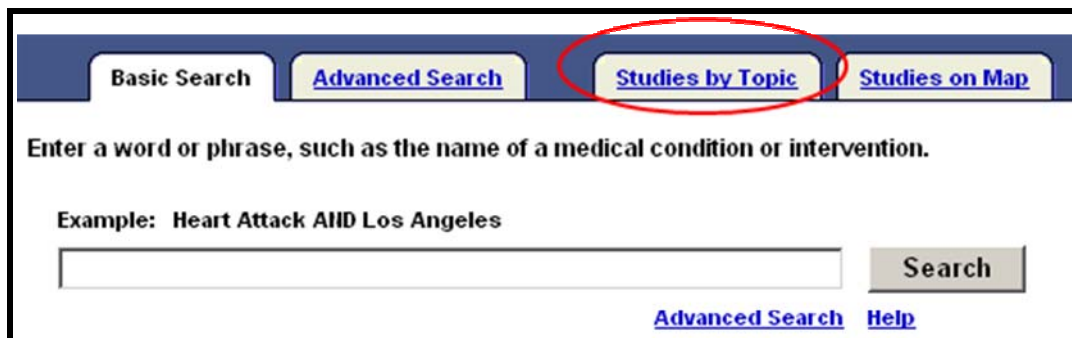
The image shows the Advanced Search interface on ClinicalTrials.gov. The 'Advanced Search' tab is selected. The search criteria are as follows:

- Search Terms:** bladder cancer
- Recruitment:** Open Studies
- Study Results:** All Studies
- Study Type:** All Studies
- Targeted Search:**
 - Conditions: (empty)
 - Interventions: (empty)
 - Sponsors: (empty)
 - Study IDs: (empty)
 - Exact
- Locations:**
 - 1. **State:** United States, Texas
 - Country:** --- Optional ---
 - 2. **State:** --- Optional ---
 - Country:** --- Optional ---
 - 3. **State:** --- Optional ---
 - Country:** --- Optional ---
 - Location Terms:** (empty)
- Additional Criteria:**
 - Age Group:**
 - Child (birth-17)
 - Adult (18-65)
 - Senior (66+)
 - Phase:**
 - Phase I
 - Phase II
 - Phase III
 - Phase IV
 - Funded By:**
 - NIH
 - Other U.S. Federal Agency
 - Industry
 - University/Organization
 - First Received:** From [] To [] (MM/DD/YYYY)
 - Last Updated:** From [] To [] (MM/DD/YYYY)

Buttons for 'Search', 'Basic Search', and 'Help' are visible at the bottom.

- Using the Studies by Topic tab, retrieve the clinical trials studying Cataracts. Once you have your retrieval, use the Results on Map tab to see the U.S. states where these studies are located.

You can select the **Studies by Topic** tab from the Basic Search page:



OR

Click on **Study Topics** from the top menu bar



OR

From the home page you can click on **List by Condition** under **Study Topics**:



Then select **Eye Diseases** from the Conditions by Category list:

Basic Search Advanced Search **Studies by Topic** Studies on Map

Categorize All Studies in ClinicalTrials.gov

Main Category: Conditions By Category

Select a Condition Category

Click on a link to list conditions in each category. If you are unsure of the category, try the [alphabetical listing of conditions](#)

- [Bacterial and Fungal Diseases](#)
- [Behaviors and Mental Disorders](#)
- [Blood and Lymph Conditions](#)
- [Cancers and Other Neoplasms](#)
- [Digestive System Diseases](#)
- [Diseases and Abnormalities at or before Birth](#)
- [Ear, Nose, and Throat Diseases](#)
- [Eye Diseases](#)**
- [Glend and Hormone Related Diseases](#)
- [Heart and Blood Diseases](#)
- [Immune System Diseases](#)
- [Injuries, Poisonings, and Occupational Conditions](#)
- [Mouth and Tooth Diseases](#)
- [Muscle, Bone, and Cartilage Diseases](#)
- [Nervous System Diseases](#)
- [Nutritional and Metabolic Diseases](#)
- [Parasitic Diseases](#)
- [Respiratory Tract \(Lung and Bronchial\) Diseases](#)
- [Skin and Connective Tissue Diseases](#)
- [Symptoms and General Pathology](#)
- [Urinary Tract, Sexual Organs, and Pregnancy Conditions](#)
- [Viral Diseases](#)

Select **Cataract** from the next list (partial display):

Main Category: Conditions By Category

Condition Category: Eye Diseases

Search for Condition

Click on a link to search for the Condition. Use the back button to return to this page to try another Condition.

- [Albinism](#) 7 studies
- [Albinism, Ocular](#) 1 study
- [Albinism, Oculocutaneous](#) 6 studies
- [Amblyopia](#) 25 studies
- [Angioid Streaks](#) 5 studies
- [Aniridia](#) 8 studies
- [Anisometropia](#) 7 studies
- [Anophthalmos](#) 2 studies
- [Aphakia](#) 3 studies
- [Asthenopia](#) 5 studies
- [Astigmatism](#) 43 studies
- [Behcet Syndrome](#) 10 studies
- [Blepharitis](#) 14 studies
- [Blepharoptosis](#) 7 studies
- [Blepharospasm](#) 13 studies
- [Blindness](#) 70 studies
- [Cataract](#) 206 studies**
- [Chalazion](#) 1 study

Once you've reached the list of Cataract studies, click the **Results on Map** tab:

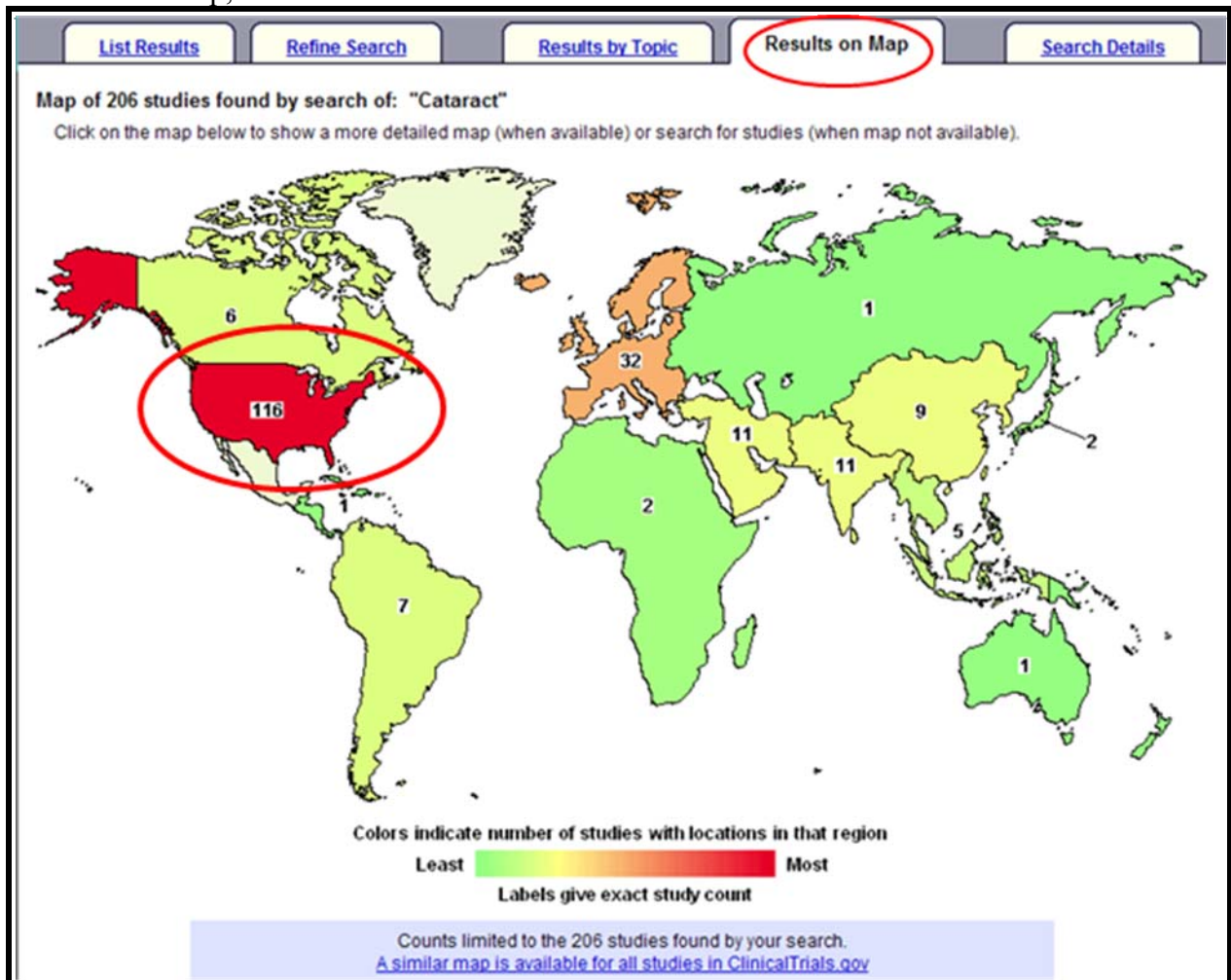
[List Results](#) [Refine Search](#) [Results by Topic](#) **[Results on Map](#)** [Search Details](#)

Found 206 studies with search of: "Cataract"

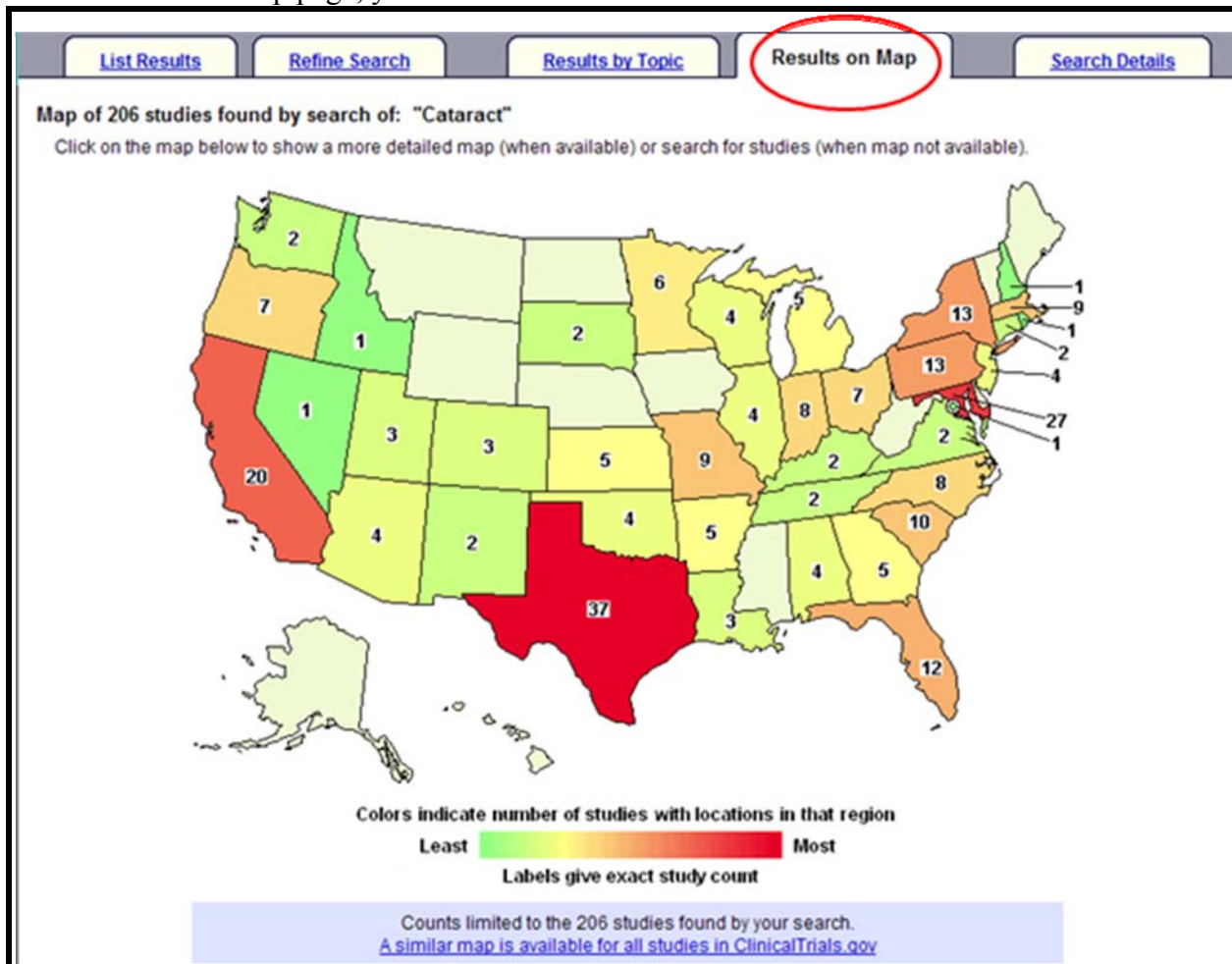
[Hide studies that are not seeking new volunteers.](#) [Display Options](#)

Rank	Status	Study
1	Completed	Cataract Surgery to Obtain Human Lens Material for the Study of Nuclear Cataracts Condition: Cataract Intervention:
2	Recruiting	Dexmedetomidine vs. Propofol for Cataract Surgery Condition: Cataract Interventions: Drug: dexmedetomidine; Drug: Propofol; Drug: Dexmedetomidine
3	Completed	Dynamic Light Scattering for Studying Lens Aging and Cataract Formation Condition: Cataract Intervention:
4	Completed	Pilot Study: Dynamic Light Scattering Device for Studying Early Changes in Cataract Condition: Cataract Intervention:

From World Map, click on United States:



Map of United States for the cataract studies is below. Please note that if you scroll down further on the Results on Map page, you will see a textual version of this same information.



NOTES