



NLM[®] Training:

**NLM Gateway and
ClinicalTrials.gov**

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

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NOTES

NLM Training: NLM Gateway & ClinicalTrials.gov

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NOTES

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
 - **DART: Developmental and Reproductive Toxicology**
 - **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 Scientists
- 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.

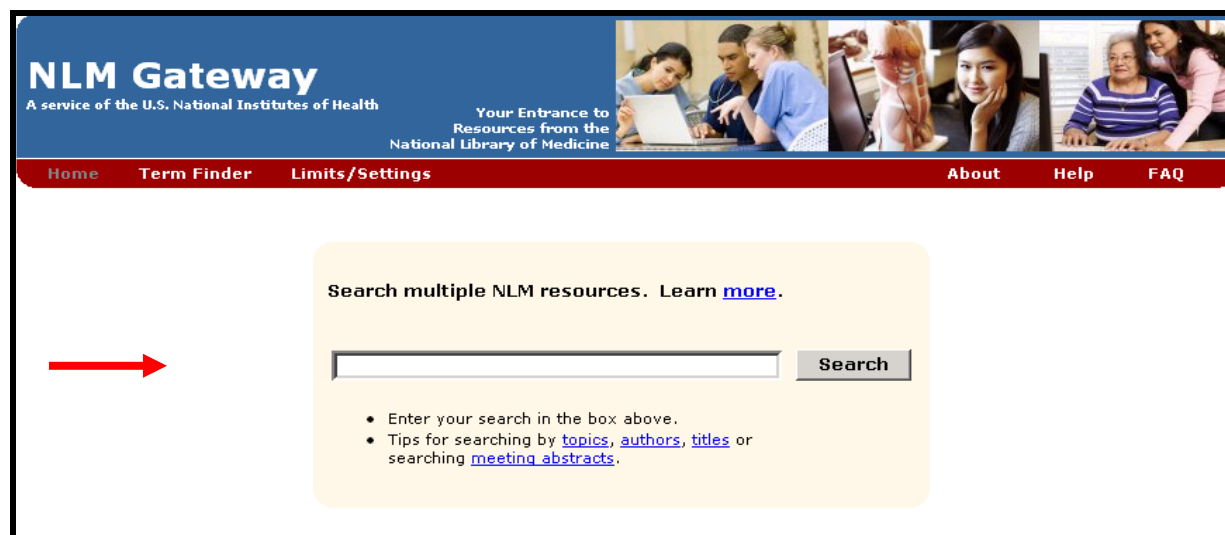
Where?

- 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
dysphagia	interferon
	interferone
	intravirion
<input type="text"/>	<input type="text"/>

[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 for the query "hay fever". The search bar contains "hay fever" and a "Search" button. Below the search bar, it states "Results Summary: 12129 records found" and provides a link to "[Bookmark this Search]". The results are organized into three columns: Bibliographic Resources, Consumer Health Resources, and Other Information Resources. Red arrows point to "6 Meeting Abstracts" in the Bibliographic Resources column and "20 MedlinePlus - Medical Encyclopedia" in the Consumer Health Resources column.

Bibliographic Resources	Consumer Health Resources	Other Information Resources
10672 MEDLINE/PubMed - journal citations, abstracts	1 MedlinePlus - Health Topics	0 HSRProj - Health Services Research Projects
191 NLM Catalog - books, AVs, serials	46 MedlinePlus - Drug Information	8 OMIM - Online Mendelian Inheritance in Man
105 Bookshelf - full text biomedical books	20 MedlinePlus - Medical Encyclopedia	86 HSDB - Hazardous Substances Data Bank
858 TOXLINE Subset - toxicology citations	1 MedlinePlus - Current Health News	2 IRIS - Integrated Risk Information System
5 DART - Developmental and Reproductive Toxicology	1 MedlinePlus - Other Resources	0 ITER - International Toxicity Estimates for Risk
6 Meeting Abstracts	127 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 a 'Search' button. Below the search bar, the results are displayed under the heading 'PubMed Results (Items 21-40 of 10672)'. The current page is 'Page 2 of 534', with 'Prev' and 'Next' navigation arrows. There are also links for 'E-mail', 'Download', 'Put in locker', and 'Order documents'. A 'Clear check marks' link is present above the list of results. The results list includes three entries:

- 21** [\[Grazax--treatment for grass pollen hay fever\]](#)
Svendsen UG.
Ugeskr Laeger. 2008 Jan 14;170(3):135-7. Danish.
PMID: 18208728 [PubMed - indexed for MEDLINE]
[Related Articles](#)
- 22** [Allergy immunotherapy among Medicaid-enrolled children with allergic rhinitis: patterns of care, resource use, and costs.](#)
Hankin CS, Cox L, Lang D, Levin A, Gross G, Eavy G, Meltzer E, Burgoyne D, Bronstone A, Wang Z.
J Allergy Clin Immunol. 2008 Jan;121(1):227-32.
PMID: 18206509 [PubMed - indexed for MEDLINE]
[Related Articles](#)
- 23** [Sublingual immunotherapy in pollen-induced seasonal rhinitis and conjunctivitis: a randomized controlled trial.](#)
Mösges R, Brüning H, Hessler HJ, Götz G, Knaussmann HG.
Acta Dermatovenerol Alp Panonica Adriat. 2007 Dec;16(4):143-8.
PMID: 18204744 [PubMed - indexed for MEDLINE]
[Related Articles](#) [Free at producer site](#)

On the left side of the interface, there is a 'Results' sidebar with a 'Bibliographic' section containing 'PubMed' and a list of other resources like 'NLM Catalog (191)', 'Bookshelf (105)', 'TOXLINE Subset (858)', 'DART (5)', 'Meeting Abstracts (6)', 'Consumer Health', 'MedlinePlus ...', 'Health Topics (1)', 'Drug Info (48)', 'Med Encyclopedia (20)', 'Health News (1)', 'Other Resources (1)', 'ClinicalTrials.gov (127)', 'DIRLINE (0)', 'Genetics Home Ref (0)', and 'Household Prods (Results)'.

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 Send via E-mail page displays.

Send via E-mail

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

Results from PubMed

Starting with item fetch items.

Details

Format

Send as

E-mail address

Add message to e-mail (optional)

- Use the **Starting with item** pull-down menu to select the number of items to download or display. The maximum number of items for downloading/displaying at one time is 500.
- Use the **Details** pull-down menu to select the display content. Choices are Brief, Expanded, and Complete. The default details is Brief.
- Use the **Format** pull-down menu to select the format: the default Format is Unlabelled.
 Labelled = labels each field with the full field name.
 Export = labels each field with the field name abbreviation. The Export format is used for importing data into bibliographic management programs.
- Use the **Send as** pull-down menu to select Text or Html. The default is Text.
- Enter an e-mail address in the box provided. An accompanying message may be entered in its designated box.
- Click **Send**.

The email address is verified and you are notified that the data was successfully sent or when an error in the address causes the e-mail delivery to fail. The latter enables the user to correct the address and ensure delivery of the e-mail.

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.

Note: the top five lines of the Download or Display page are the same as those on the Send via E-mail page.

Download or Display

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

Results from PubMed

Starting with item fetch items.

Details

Format

Destination

Download as

After selecting the **Starting with item**, the **Details**, and the **Format**,

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

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 (10072)
- 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)
- CCRI (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 fekfakas, az asztma és a szénanátha gyógyítása a természetgyógyászat segít [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 = Practical guidelines for the 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]
- Rasteniia i allergiia**
Bazarova, É É (Élvira Érdyneevna)
Ulan-Udė : GUZ RTSO MP MZ RB, 2005.
NLM ID: [101274853](#) [Book]
- Hana arerugī : kiso to rinshō**
Okuda, Minoru
Kaiteiban.
Ōsaka-shi : Iyaku Jānarusha, 2005.
NLM ID: [101271618](#) [Book]
- Asthma und allergische Rhinitis**
Bachert, Claus
Stuttgart ; New York : Thieme, c2005.
NLM ID: [101261270](#) [Book]

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 arthritis. 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 videorecordings 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 arthritis. 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 1-10 of 10)

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

[Clear check marks](#)

- 1 **Acupuncture for the Treatment of Rheumatoid Arthritis**
 Conditions: Rheumatoid Arthritis
<http://ClinicalTrials.gov/show/NCT00404443>
 Status: **Completed**
- 2 **Efficacy of Acupuncture With Physical Therapy for Knee Osteo-Arthritis**
 Conditions: Osteoarthritis
<http://ClinicalTrials.gov/show/NCT00035399>
 Status: **Recruiting**
- 3 **Interaction Between Patient and Healthcare Provider: Response to Acupuncture in Knee Osteoarthritis**
 Conditions: Osteoarthritis
<http://ClinicalTrials.gov/show/NCT00059345>
 Status: **Active, not recruiting**
- 4 **Functional Brain Imaging - Acupuncture and Osteoarthritis**
 Conditions: Osteoarthritis
<http://ClinicalTrials.gov/show/NCT00070824>
 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 L


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](#)

- 1 **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.
- 2 **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.
- 3 **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.
- 4 **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.

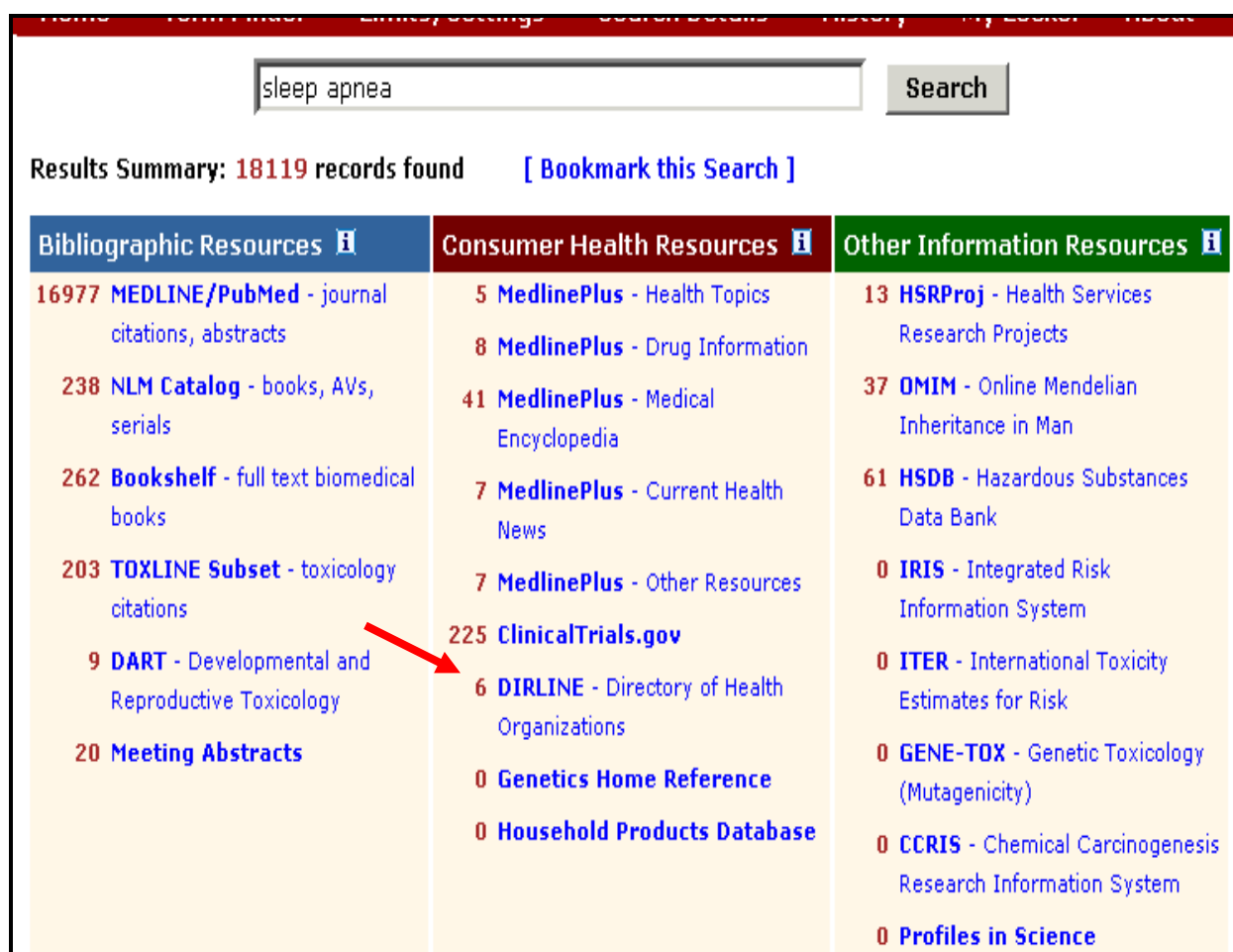
3. Find organizations where I can obtain information about Sleep Apnea. How many were retrieved?

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






A screenshot of the NLM Gateway search interface. It shows a search box containing the text "sleep apnea" and a "Search" button to its right.

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



A screenshot of the NLM Gateway search results page for the query "sleep apnea". The page shows a search box with the query and a "Search" button. Below the search box, it displays "Results Summary: 18119 records found" and a link to "[Bookmark this Search]". The results are organized into three columns: Bibliographic Resources, Consumer Health Resources, and Other Information Resources. A red arrow points to the entry for "DIRLINE - Directory of Health Organizations" in the Consumer Health Resources column, which shows 6 results.

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.

OR

Step 2. Select NLM Catalog results.

Results Summary: 6804 records found

Bibliographic Resources 1
<p>3435 MEDLINE/PubMed - journal citations, abstracts</p> <p>18 NLM Catalog - books, AVs, serials</p> <p>262 Bookshelf - full text biomedical books</p> <p>0 TOXLINE Subset - toxicology citations</p>

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

[Clear check marks](#)

1	<input type="checkbox"/> Das hepatozelluläre Karzinom Allgaier, Hans-Peter Bremen ; Boston : Uni-Med, c2002. NLM ID: 101141877 [Book]
2	<input checked="" type="checkbox"/> LeberMetastasen : Diagnose, Intervention, Therapie Vogl, Thomas J Berlin ; New York : Springer, c2002. NLM ID: 101140957 [Book]
3	<input checked="" type="checkbox"/> Die Laserinduzierte Thermotherapie (LITT) zur Behandlung maligner Lebertumore Germer, C-T Landsberg : Ecomed, c2000. NLM ID: 101096013 [Book]
4	<input type="checkbox"/> 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 **Expanded** Details and **Labelled** Format. Click **Go**.

Download or Display

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

Results from Selected Items

Starting with item fetch items.

Details

Format

Destination

Download as

Step 5: View displayed records.

1. Title(s): **LeberMetastasen : Diagnose, Intervention, Therapie / T.J. Vogl, M.G. Mack, J.D. 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 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. Click **Send**.

Send via E-mail

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

Results from Selected Items

Starting with item fetch items.

Details

Format

Send as

E-mail address

Add message to e-mail (optional)

6. Are there any items by Michael E. DeBakey in NLM Catalog? Are there any videorecordings 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



Step 2: Display results for NLM Catalog.

NLM Catalog Results (Items 1-20 of 50)

◀ Prev Page 1 of 3 Next ▶ [E-mail](#) | [Download](#) | [Put in locker](#)

[Clear check marks](#)

- 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;]

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 'PubMed', 'NLM Catalog', 'Bookshelf', etc. The main content area is titled 'PubMed Results (Items 1-13 of 13)'. It displays a list of four search results, each with a checkbox, a title in blue, and a brief citation. A red arrow in the subsequent image points to the first result's title.

PubMed Results (Items 1-13 of 13)
 < Prev Page 1 of 1 Next > E-mail | Download | Put in locker | Order documents
 Clear check marks

- [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 displays two results, each with a checkbox and a title in blue. A red arrow points to the first result's title, 'ACHOO SYNDROME'. Below the results is another section for OMIM results with navigation controls.

OMIM: Online Mendelian Inheritance in Man Results (Items 1-2 of 2)
 < Prev Page 1 of 1 Next > E-mail | Download | Put in locker
 Clear check marks

- 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>

OMIM: Online Mendelian Inheritance in Man Results (Items 1-2 of 2)
 < Prev Page 1 of 1 Next > E-mail | Download | Put in locker
 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

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.

genetics testing newborn

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://qhr.nlm.nih.gov/handbook/testing/uses>
 Subcategory: Help Me Understand Genetics

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

Display Bookshelf results and select the HSTAT publication.

Bookshelf

PubMed Nucleotide Protein Genome Structure PMC Text

for [(((genetics [All Fields]) AND (testing [All Fields])) AND ...)]

Limits Preview/Index History Clipboard Details

Display Books Show 20 Send to

All: 8 Figures: 0

5 items in Health Services/Technology Assessment Text (HSTAT)
 Bethesda (MD):
[National Library of Medicine](http://www.nlm.nih.gov) (US),
 2003 Oct.

1 item in GeneReviews
 Editor-in-chief: Pagon, Roberta A. Associate editors: Cassidy, Suzanne B.; Bird, Thom...

Step 4. Note the 2 diseases discussed.

Chapters 1 - 3 of 3

Your search found the following chapters in Health Services/Technology Assessment Text (HSTAT):

106. Genetic Testing for Cystic Fibrosis

1: [5. What Should Be the Future Directions for Research Relevant to Genetic Testing for Cystic Fibrosis and, More Broadly, for Research and Health Policies Related to Genetic Testing?](#)

2: [Speakers](#)

61. Newborn Screening for Sickle Cell Disease and Other Hemoglobinopathies

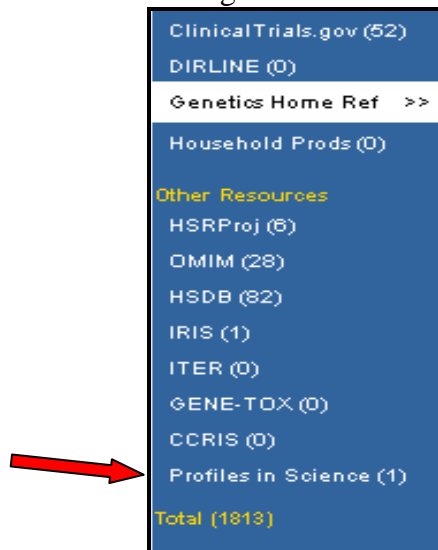
3: [Speakers](#)

4: [Introduction](#)

Sickle Cell Disease: Screening, Diagnosis, Management, and Counseling in Newborns and Infants

5: [Resources to Provide Educational and Decision-Making Counseling](#)

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



Click on link in the Profiles in Science results.

Profiles in Science Results (Items 1-1 of 1)

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


[Clear check marks](#)

1 **The Virginia Apgar Papers: Biographical Information**
<http://profiles.nlm.nih.gov/CP/Views/Exhibit/narrative/biographical.html>

Profiles in Science Results (Items 1-1 of 1)

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

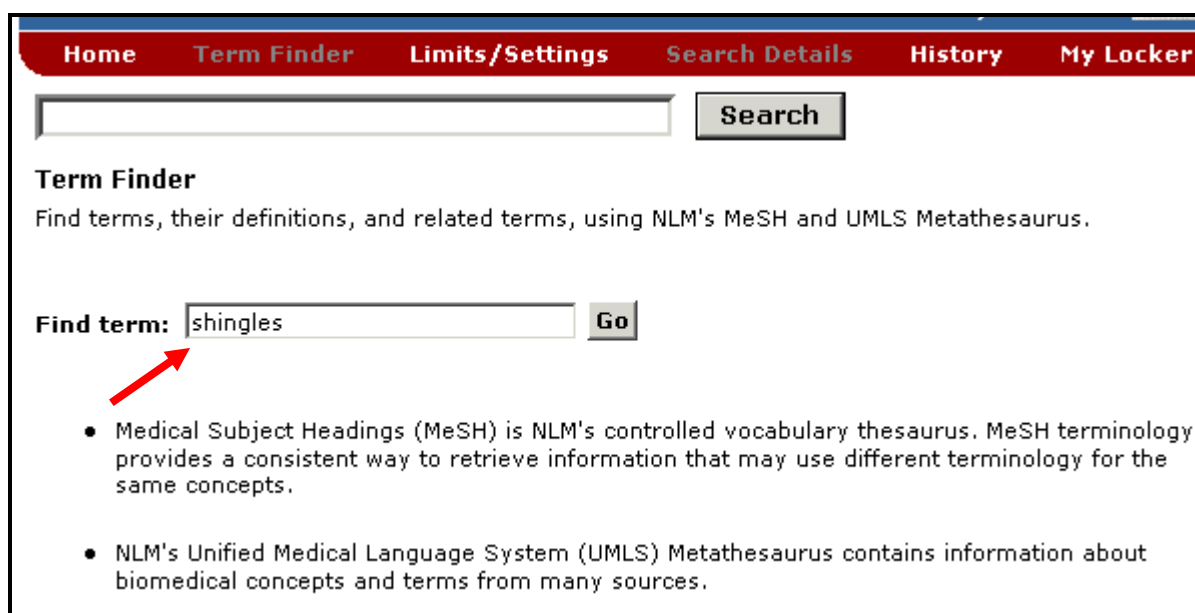
Gateway's *Features* enhance and/or refine search and display operations.
The *Features Bar* is located under the banner.



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**.



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.

National Library of Medicine

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

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](#)

[Restore All Settings to Default](#)

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

English Only Limit

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

Subsets

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

Search Limits | Results Settings | Select Fields | 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.

Limits and Settings

The screenshot shows the 'Results Settings' tab selected. The interface includes four tabs: 'Search Limits', 'Results Settings', 'Select Fields', and 'Download/Display'. Below the tabs, there is a yellow background area with the text: '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 of the yellow area 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' tab selected. The interface includes four tabs: 'Search Limits', 'Results Settings', 'Select Fields', and 'Download/Display'. Below the tabs, there is a yellow background area with the text: 'Customize (for each collection) what fields to display in the brief or expanded format.' Below this text is the instruction: 'Choose a collection and click on "Go" to customize:'. There is a dropdown menu showing a list of collections, with 'HSRProj' selected and highlighted in blue. To the right of the dropdown menu is a 'Go' button. The list of collections includes: 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.

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.

Limits and Settings

[Search Limits](#)
[Results Settings](#)
[Select Fields](#)
[Download/Display](#)

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

Details

Format

Destination

Download or send as

Address if sending via e-mail

Add message to e-mail (optional):

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

Search Details

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

Search Details

User Query: heart attack

PubMed (120412 results)

- o **Translated Query:**
 (((("myocardial infarction" [TIAB]) NOT (Medline [SB])) OR ("myocardial infarction" [MeSH Terms])) OR (heart attack [Text Word]))

NLM Catalog (1660 results)

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

Bookshelf (439 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.

The screenshot shows the NLM Gateway search interface. At the top is a red navigation bar with links: Home, Term Finder, Limits/Settings, Search Details, History, My Locker, and About. Below the navigation bar is a search input field containing the text "fragile x syndrome AND 2006 [dp]" and a "Search" button. Underneath the search bar is the "Search History" section, which includes a "Clear History" link and a table of search history.

Search Number	Search	Items Found	Actions
#4	Search: fragile x syndrome AND 2006 [dp]	493	View Results Delete
#3	Search: heart attack	128881	View Results Delete
#2	Search: Herpes Zoster/complications[MESH]	3713	View Results Delete
#1	Search: hay fever	12129	View Results Delete

Below the table, there are two bullet points:

- 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

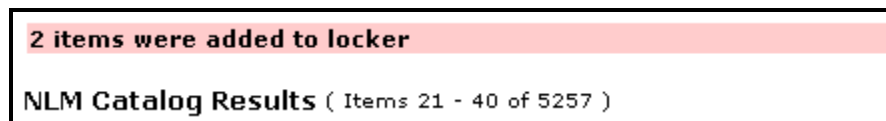
Sign In

[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:

- ✓ If an item is already in your locker, it will not be added again.
- ✓ Contents of My Locker are grouped by collection.
- ✓ Gateway functions are available in your locker.
- ✓ Locker items remain until you delete them.
- ✓ 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' Are there any items in the NLM Catalog related specifically to toddlers?

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**.

A screenshot of a search results page titled "Meeting Abstracts Results (Items 1-17 of 17)". The page includes navigation controls: "Prev", "Page 1 of 1", and "Next". There are also links for "E-mail", "Download", and "Put in locker". A "Clear check marks" link is present. Three items are listed, each with a checkbox:

- 1 **Primary Prevention of Breast Cancer with Tamoxifen: A Meta-analysis and Cost-effectiveness Analysis.**
Holtz 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.

Below the third item, the start of a fourth item is visible: **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.

[Home](#) [My Finder](#) [Limits/Settings](#) [Search Details](#) [History](#) [My Locker](#) [Sign Out](#)

3 items were added to locker

Meeting Abstracts Results (Items 1-17 of 17)

- 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.

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

Search

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

Find term: Go

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

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

Concept Details

Food Hypersensitivity
Gastrointestinal disturbances, skin eruptions, or shock due to allergic reactions to allergens in food.

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

Add to search using Connector: AND or Cancel

Main point of item
 Do not explode this term

With Subheadings: [Subheading Definitions](#)

blood mortality
 cerebrospinal fluid nursing
 classification

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

Home Term Finder Limits/Settings Search Details History

Search

Term Finder

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.

National Library of Medicine

Home Term Finder Limits/Settings Search Details History My Locker

Settings applied to current session

crystal methamphetamine AND HIV Search

Limits: 2000-2004

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 No subsets applied

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.

Apply Save Restore Default

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

Limits: 2000-2004

PubMed Results (Items 1-13 of 13)

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

[Clear check marks](#)

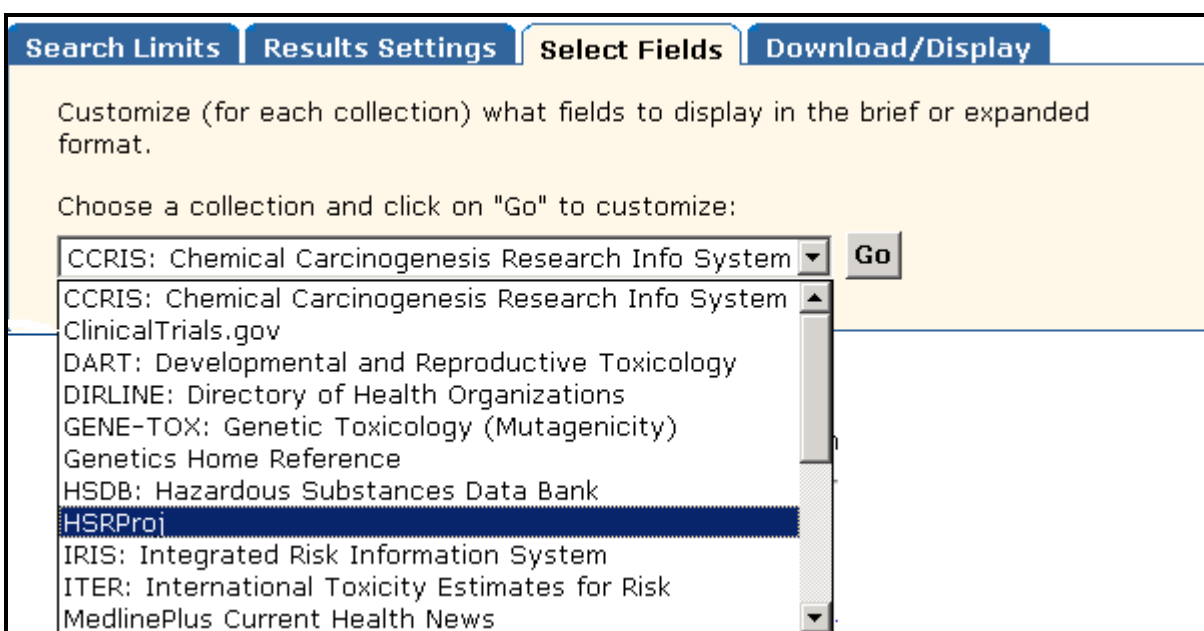
- [One community, two epidemics: crystal, HIV and the gay population]**
Detrés LL.
Sidahora. 2004;(2):16-20. Spanish.
PMID: 15704272 [PubMed - indexed for MEDLINE]
[Related Articles](#)
- Crystal methamphetamine use predicts incident STD infection among men who have sex with men recruited online: a nested 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](#)
- 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](#)

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.

<input type="text" value="drug abuse treatment outcomes NIDA"/>	<input type="button" value="Search"/>
---	---------------------------------------

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 <input type="text" value="1"/> of 1 Next
E-mail Download Put in locker	
Clear check marks	
1 <input checked="" type="checkbox"/>	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 <input type="checkbox"/>	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 <input checked="" type="checkbox"/>	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 <input type="checkbox"/>	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.

[Home](#) | [Term Finder](#) | [Limits/Settings](#) | [Search Details](#) | [History](#) | [My Locker](#) | [ADD](#)

Search History [Clear History](#)

Search Number	Search	Items Found	Actions
#5	Search: drug abuse treatment outcomes NIDA	426	View Results Delete
#4	Search: crystal methamphetamine AND HIV Limit: 2000:2004	30	View Results Delete
#3	Search: crystal methamphetamine AND HIV	65	View Results Delete
#2	Search: Food Hypersensitivity[MESH]	12974	View Results Delete
#1	Search: breast cancer tamoxifen	11494	View Results Delete

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

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

NLM Catalog Results (Items 1-20 of 32)

[◀ Prev](#) | [Page](#) of 2 [Next ▶](#) | [E-mail](#) | [Download](#) | [Put in locker](#)

[Clear check marks](#)

- 1** **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]
- 2** **Childhood health issues 1**
Ford-Jones, Elizabeth L; Chip Taylor Communications. Derry, NH : Chip Taylor Communications, 2005.
NLM ID: [101247545](#) [Videorecording;]
- 3** **Kuhmilch- und Eiweissallergien bei Kindern : sichere Diagnose, optimale Therapie**
Werthmann, Konrad Stuttgart : Sonntag, c2004.
NLM ID: [101202865](#) [Book]
- 4** **Tips for toddler nutrition**
Ponder, Julia; HSTN. Carrollton, TX : HSTN, c2000.
NLM ID: [101154754](#) [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 150 countries.
- ClinicalTrials.gov receives over 10 million page views per month and hosts approximately 30,000 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 NLM Customer Service** 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

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

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

Search

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 **44,670 trials** with locations in **150 countries**.

▶ [Investigator Instructions](#)
Get instructions for clinical trial investigators/sponsors about how to register trials in ClinicalTrials.gov.

▶ [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 by Condition](#)

[List by Drug Intervention](#)

[List by Sponsor](#)

[List by Location](#)

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.

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

Example: Heart Attack AND Los Angeles

colon cancer

[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 tabs: 'List Results' (selected), 'Refine Search', 'Results by Topic', 'Results on Map', and 'Search Details'. Below the tabs, 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, each with a status indicator (Recruiting or Active, not recruiting), a title, and details for Condition and Intervention.

Found 994 studies with search of: colon cancer

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

- 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):

Study 2 of 1238 for search of: colon cancer
[← Previous Study](#) [Return to Search Results](#) [Next Study →](#)

Full Text View | [Tabular View](#) | [Contacts and Locations](#) | No Study Results Posted | [Related Studies](#)

Resveratrol for Patients With Colon Cancer

This study is currently recruiting participants.
 Verified by University of California, Irvine, March 2008

Sponsored by:	University of California, Irvine
Information provided by:	University of California, Irvine
ClinicalTrials.gov Identifier:	NCT00256334

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

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 fuller record in a tabular/table format
Contacts and Locations: displays the complete list of contacts and locations for that specific clinical trial
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:

[RSS Feed for studies received in the last 60 days](#)

[Hide Download Options](#)

Studies: 50 Shown Studies

Content: Study XML
 Select Fields:

Fields: 2 Shown Fields

Format: Plain Text
 Plain Text
 Tab Separated Values
 Comma Separated Values
 XML

Download

Legend:

- 4 RSS Feed Set up an **RSS Feed** for studies received in the last 60 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](#)
[Contacts and Locations](#)
[No Study Results Posted](#)
[Related Studies](#)

Resveratrol for Patients With Colon Cancer

This study is currently recruiting participants.
Information provided by University of California, Irvine

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

Descriptive Information Fields

Brief Title †	Resveratrol for Patients With Colon Cancer
Official Title †	Resveratrol for Patients With Colon Cancer
Brief Summary	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

Contacts and Locations:

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

Resveratrol for Patients With Colon Cancer

This study is currently recruiting participants.
Study NCT00256334. Last updated on March 21, 2008. Information provided by University of California, Irvine

Please refer to this study by its ClinicalTrials.gov identifier: **NCT00256334**

Contacts

Contact: Chao Family Comprehensive **Cancer** Center University of California, Irvine Medical Center 1-877-UC-STUDY UCstudy@uci.edu

Locations

United States, California

Chao Family Comprehensive **Cancer** Center **Recruiting**
Orange, California, United States, 92868
Principal Investigator: Randall Holcombe, MD

Sponsors and Collaborators

University of California, Irvine

Investigators

Principal Investigator: Randall Holcombe, MD Chao Family Comprehensive **Cancer** Center



Contact and Location information is also included in the fuller record of the complete study.

Study Results:

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

Resveratrol for Patients With Colon Cancer

This study is currently recruiting participants.
 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](#)
[Contacts and Locations](#)
Study Results
[Related Studies](#)

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

This study has been completed.
 Information provided by Allergan

Study Type:	Interventional
Study Design:	Randomized, Single Blind (Investigator), Active Control, Parallel Assignment
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

Related Studies (partial display):

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

Resveratrol for Patients With Colon Cancer

This study is currently recruiting participants.
Information provided by University of California, Irvine

Find Related Studies by Searching for the Conditions, Interventions, and Sponsors found in this study:

- 1 Conditions listed in this trial
[Colon Cancer](#)
- 2 Additional conditions recognized in this trial
[Colonic Neoplasms](#)
- 3 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](#)
- 4 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"/> ICT 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.

Basic Search
Advanced Search
Studies by Topic
Studies on Map

Fill in any or all of the fields below.

Click on a label to the left for further explanation or read the [Help](#).

[Search Terms:](#)

[Recruitment:](#)

[Study Results:](#)

[Study Type:](#)

Targeted Search:

[Conditions:](#)

[Interventions:](#)

[Sponsors:](#)

[Study IDs:](#)

Exact

Locations:

1. [State:](#)

[Country:](#)

2. [State:](#)

[Country:](#)

3. [State:](#)

[Country:](#)

[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)

[Basic Search](#)
[Help](#)

When selecting more than 1 location, they will be ORed together.

Use this box to search for a specific city or facility name.

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](#)

Drug Interventions
[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

[Bacterial and Fungal Diseases](#)
[Behaviors and Mental Disorders](#)
[Blood and Lymph Conditions](#)
[Cancers and Other Neoplasms](#)
[Conditions of the Urinary Tract and Sexual Organs, and Pr...](#)
[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](#)
[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

- [Alveolar Bone Loss](#) 3 studies
- [Basal Cell Nevus Syndrome](#) 6 studies
- [Behcet Syndrome](#) 5 studies
- [Burning Mouth Syndrome](#) 5 studies
- [Candidiasis, Oral](#) 22 studies
- [Cleft Lip](#) 12 studies
- [Cleft Palate](#) 14 studies
- [Craniofacial Disorders](#) 11 studies
- [Dental Caries](#) 32 studies
- [Dental Plaque](#) 4 studies
- [Dental Pulp Necrosis](#) 2 studies

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

Refine the Condition.

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

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

Found 14 studies with search of: "Cleft Palate"

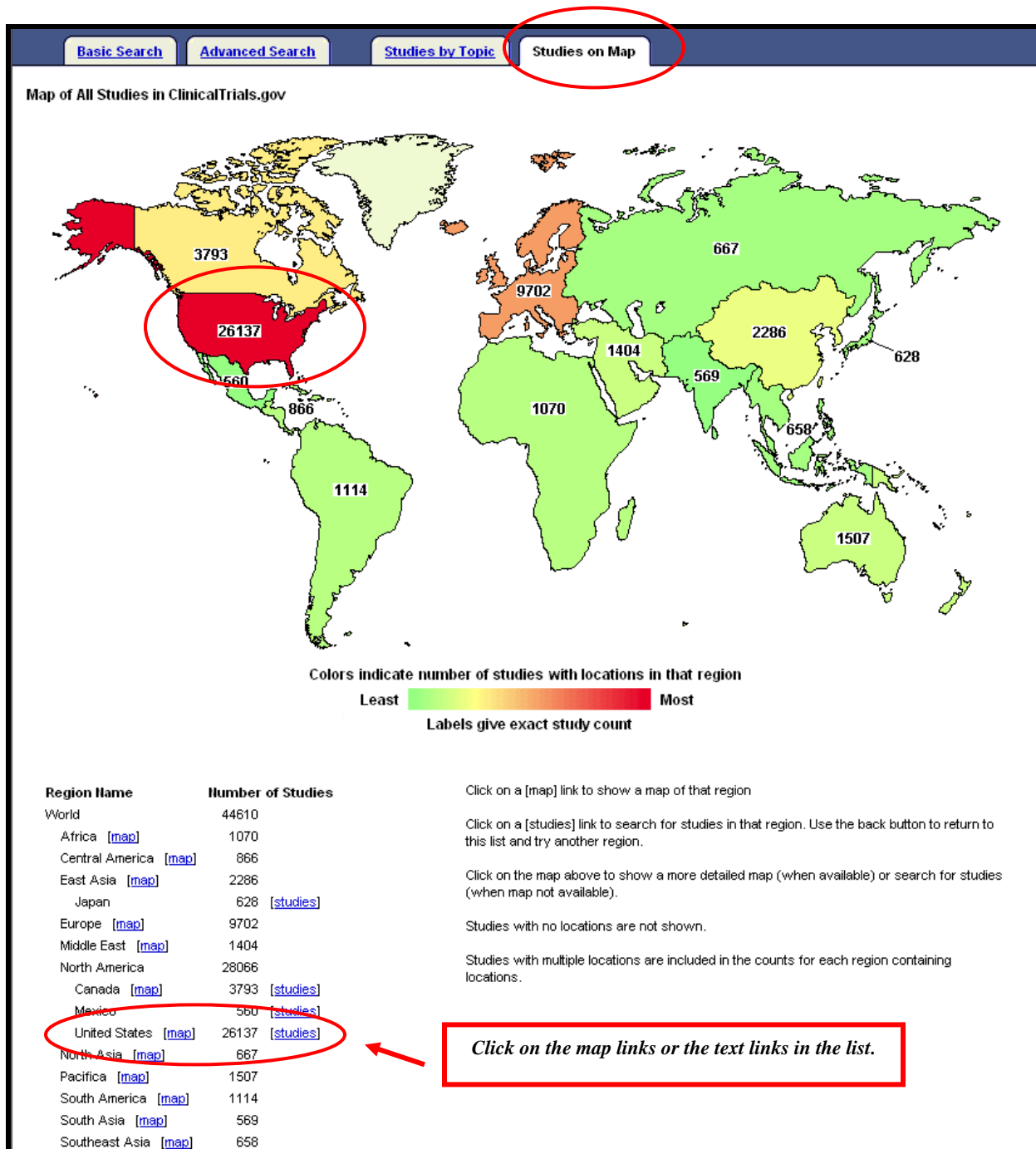
[Hide studies which are not seeking new volunteers.](#) [+ Display Options](#)

- 1 **Recruiting** [Middle Ear Pressure Disregulation in Cleft Palate Patients](#)
Condition: Cleft Palate
Intervention:
- 2 **Active, not recruiting** [Cleft Palate Surgery and Speech Development](#)
Conditions: Cleft Lip; Cleft Palate
Interventions: Procedure: Furlow double z-plasty palatoplasty palate repair; Procedure: Von Langenbeck palatoplasty palate repair; Procedure: Spina lip repair; Procedure: Millard lip repair
- 3 **Recruiting** [Double Blind Randomized Study Into the Efficacy of Codeine Phosphate Analgesia After Cleft Palate Repair in Infants](#)
Condition: Cleft Palate Repair
Intervention: Drug: Codeine Phosphate Analgesia

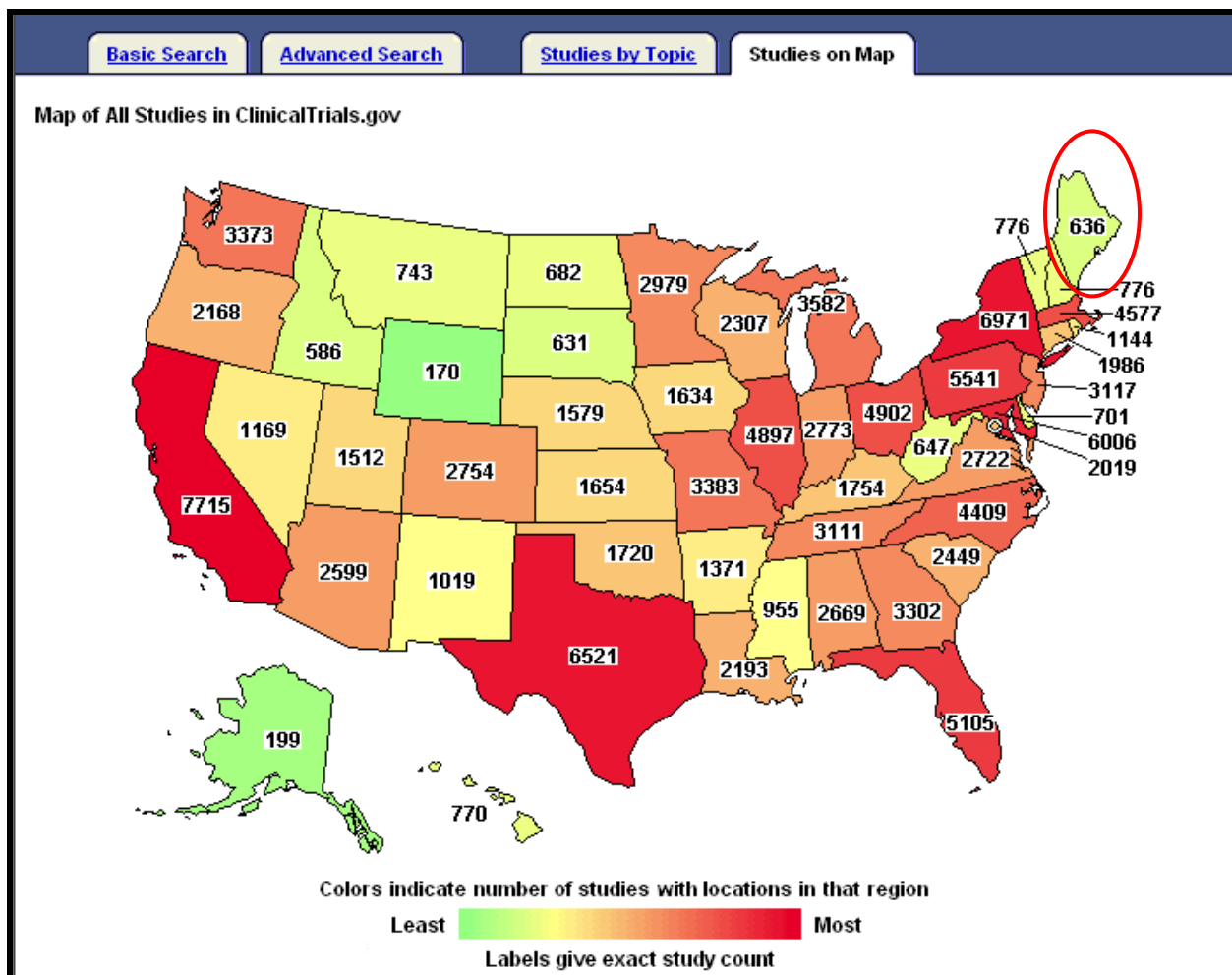
Studies on Map

- 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

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

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

Lymphoma is retained as the search term.

Search Terms: Search

Recruitment: Open Studies [Help](#)

Study Results: All Studies When you are done making changes, click Search to show new results

Study Type: All Studies

Targeted Search:

Conditions:

Interventions:

Sponsors: Exact

Study IDs:

Locations:

- State:** --- Optional ---
Country: --- Optional ---
- State:** --- Optional ---
Country: --- Optional ---
- 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)



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 126 studies with search of: **lymphoma | Open Studies | Adult | Phase III**

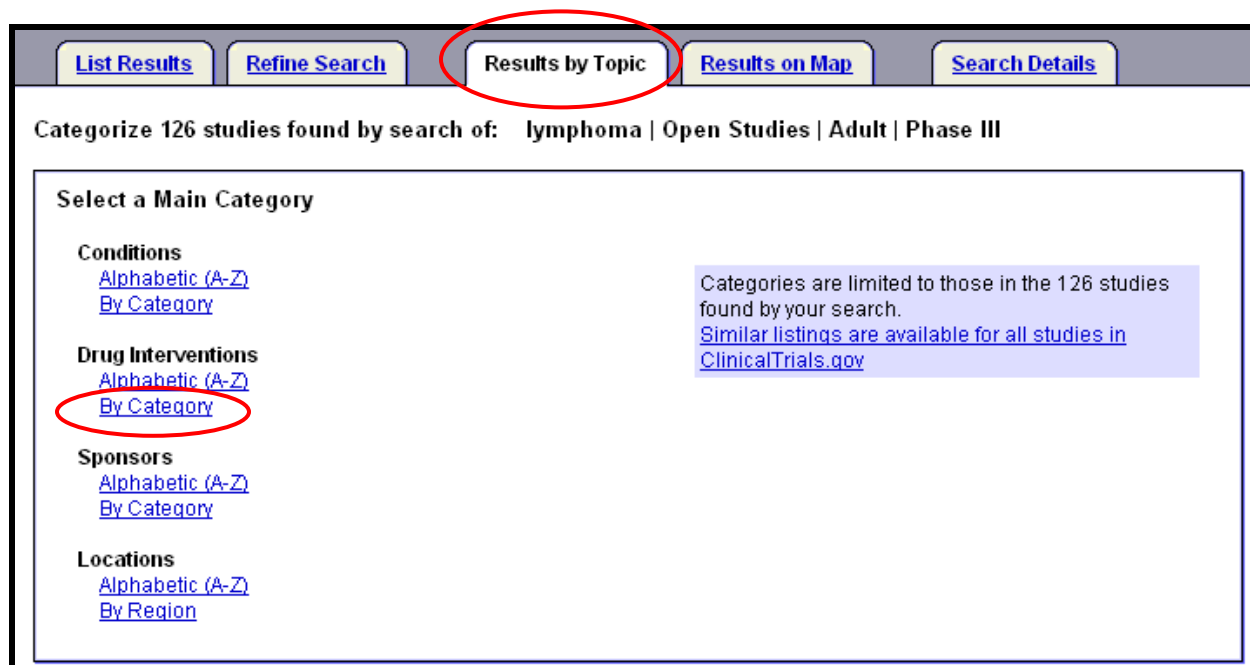
[Include studies which are not seeking new volunteers.](#) [+ Display Options](#)

- 1 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
- 2 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)
- 3 Recruiting** [Early on-Therapy PET at First-Line Treatment in Diffuse Large B-Cell Lymphoma Stage IIB-IV](#)
Condition: Diffuse Large-Cell Lymphoma
Intervention: Procedure: PET scan
- 4 Recruiting** [Prednisolone or Dexamethasone Combined With Chemotherapy in Treating Young Patients With Newly Diagnosed Lymphoblastic Lymphoma](#)
Condition: Lymphoma
Interventions: Drug: asparaginase; Drug: cyclophosphamide; Drug: cytarabine; Drug: daunorubicin hydrochloride; Drug: dexamethasone; Drug: doxorubicin hydrochloride; Drug: leucovorin calcium; Drug: mercaptopurine; Drug: methotrexate; Drug: prednisolone; Drug: thioguanine; Drug: vincristine; Procedure: chemotherapy; Procedure: endocrine therapy; Procedure: high-dose chemotherapy; Procedure: hormone therapy; Procedure: radiation therapy; Procedure: steroid therapy

Results by Topic

- Narrow your results by selecting specific topical categories.

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



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

Categorize 126 studies found by search of: [lymphoma](#) | [Open Studies](#) | [Adult](#) | [Phase III](#)

Select a Main Category

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

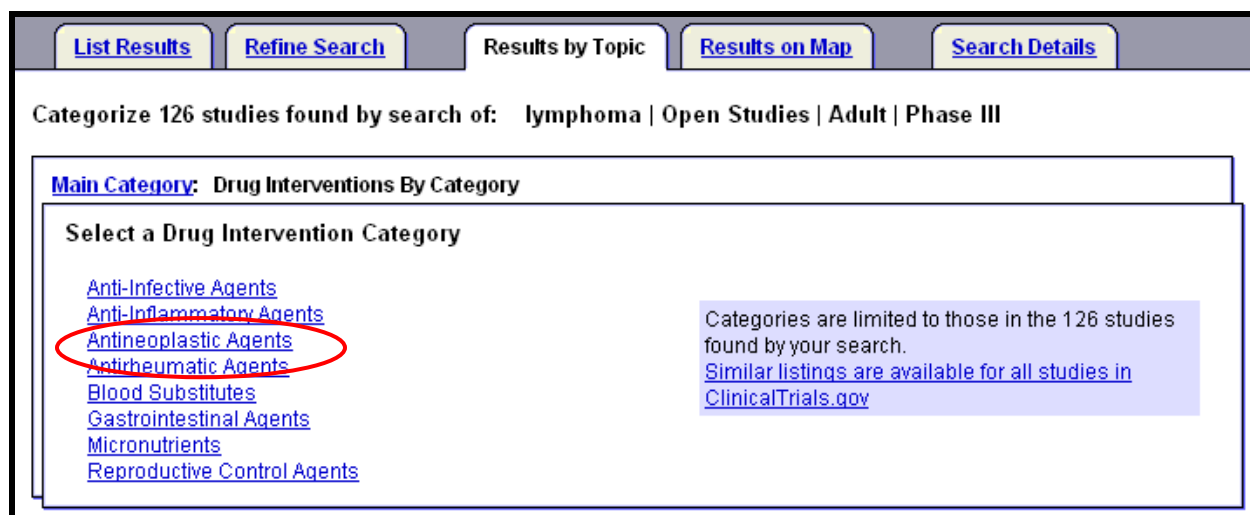
Drug Interventions
[Alphabetic \(A-Z\)](#)
[By Category](#)

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

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

Categories are limited to those in the 126 studies found by your search.
[Similar listings are available for all studies in ClinicalTrials.gov](#)

Then limit to **Antineoplastic Agents**:



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

Categorize 126 studies found by search of: [lymphoma](#) | [Open Studies](#) | [Adult](#) | [Phase III](#)

Main Category: [Drug Interventions By Category](#)

Select a Drug Intervention Category

[Anti-Infective Agents](#)
[Anti-Inflammatory Agents](#)
[Antineoplastic Agents](#)
[Antirheumatic Agents](#)
[Blood Substitutes](#)
[Gastrointestinal Agents](#)
[Micronutrients](#)
[Reproductive Control Agents](#)

Categories are limited to those in the 126 studies found by your search.
[Similar listings are available for all studies in ClinicalTrials.gov](#)

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

Let's choose Cyclophosphamide:

Categorize 126 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

Angiogenesis Inhibitors	17 studies
Bevacizumab	1 study
Bexarotene	2 studies
Bleomycin	7 studies
Busulfan	4 studies
Carmustine	6 studies
Chlorambucil	1 study
Cyclophosphamide	31 studies
Cytarabine	12 studies
Dacarbazine	3 studies
Daunorubicin	2 studies

Click on a link to search for the Drug Intervention within your current results. 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](#)

Results of search (partial display):

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

Found 31 studies with search of: [lymphoma](#) | [Open Studies](#) | ["Cyclophosphamide"](#) | [Adult](#) | [Phase III](#)

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

- 1 Recruiting** [Efficacy of 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: Cisplatin; Drug: Ara-C; Drug: Dexamethasone; Drug: BCNU; Drug: Melphalan; Drug: Etoposide; Drug: G-CSF; Procedure: chemotherapy: R-CHOP; Procedure: chemotherapy: R-DHAP; Procedure: chemotherapy: DEXA-BEAM; Procedure: stem cell harvest; Procedure: total body irradiation; Procedure: high-dose chemotherapy: Cyclophosphamide; Procedure: high-dose chemotherapy: Ara-C /Melphalan
- 2 Recruiting** [Cyclophosphamide, Doxorubicin, Etoposide, and Prednisone OR Cyclophosphamide, Doxorubicin, Vincristine, Prednisone, and Rituximab Followed by Vaccine Therapy Plus Sargramostim in Treating Patients With Stage II, Stage III, or Stage IV Follicular Lymphoma](#)
Condition: Lymphoma
Interventions: Drug: autologous tumor cell vaccine; Drug: cyclophosphamide; Drug: doxorubicin hydrochloride; Drug: etoposide; Drug: keyhole limpet hemocyanin; Drug: prednisone; Drug: rituximab; Drug: sargramostim; Drug: vincristine; Procedure: antibody therapy; Procedure: biological therapy; Procedure: chemotherapy; Procedure: colony-stimulating factor therapy; Procedure: cytokine therapy; Procedure: monoclonal antibody therapy; Procedure: non-specific immune-modulator therapy; Procedure: tumor cell derivative vaccine; Procedure: vaccine therapy

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

Select a Main Category

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

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

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

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

Categories are limited to those in the 31 studies found by your search.
[Similar listings are available for all studies in ClinicalTrials.gov](#)

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

Categorize 31 studies found by search of: lymphoma | Open Studies | "Cyclophosphamide" | Adult | Phase III

Main Category: Locations By Region

Select a Location Region

[Central America](#)
[Europe](#)
[North America](#)
[Pacific](#)

Categories are limited to those in the 31 studies found by your search.
[Similar listings are available for all studies in ClinicalTrials.gov](#)

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

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

Categorize 31 studies found by search of: **lymphoma | Open Studies | "Cyclophosphamide" | Adult | Phase III**

Main Category: Locations By Region

Location Region: North America

Search for Location Region

- [Canada](#) 6 studies
 - [Canada, Alberta](#) 4 studies
 - [Canada, British Columbia](#) 3 studies
 - [Canada, Manitoba](#) 5 studies
 - [Canada, New Brunswick](#) 1 study
 - [Canada, Nova Scotia](#) 4 studies
 - [Canada, Ontario](#) 5 studies
 - [Canada, Quebec](#) 5 studies
 - [Canada, Saskatchewan](#) 5 studies
- [United States](#) 13 studies
 - [United States, Alabama](#) 4 studies
 - [United States, Alaska](#) 2 studies
 - [United States, Arizona](#) 4 studies
 - [United States, Arkansas](#) 3 studies
 - [United States, California](#) 7 studies
 - [United States, Colorado](#) 5 studies
 - [United States, Connecticut](#) 4 studies
 - [United States, Delaware](#) 5 studies
 - [United States, District of Columbia](#) 5 studies

Click on a link to search for the Location Region within your current results. Use the back button to return to this page to try another Location Region.

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

List Results (partial display):

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

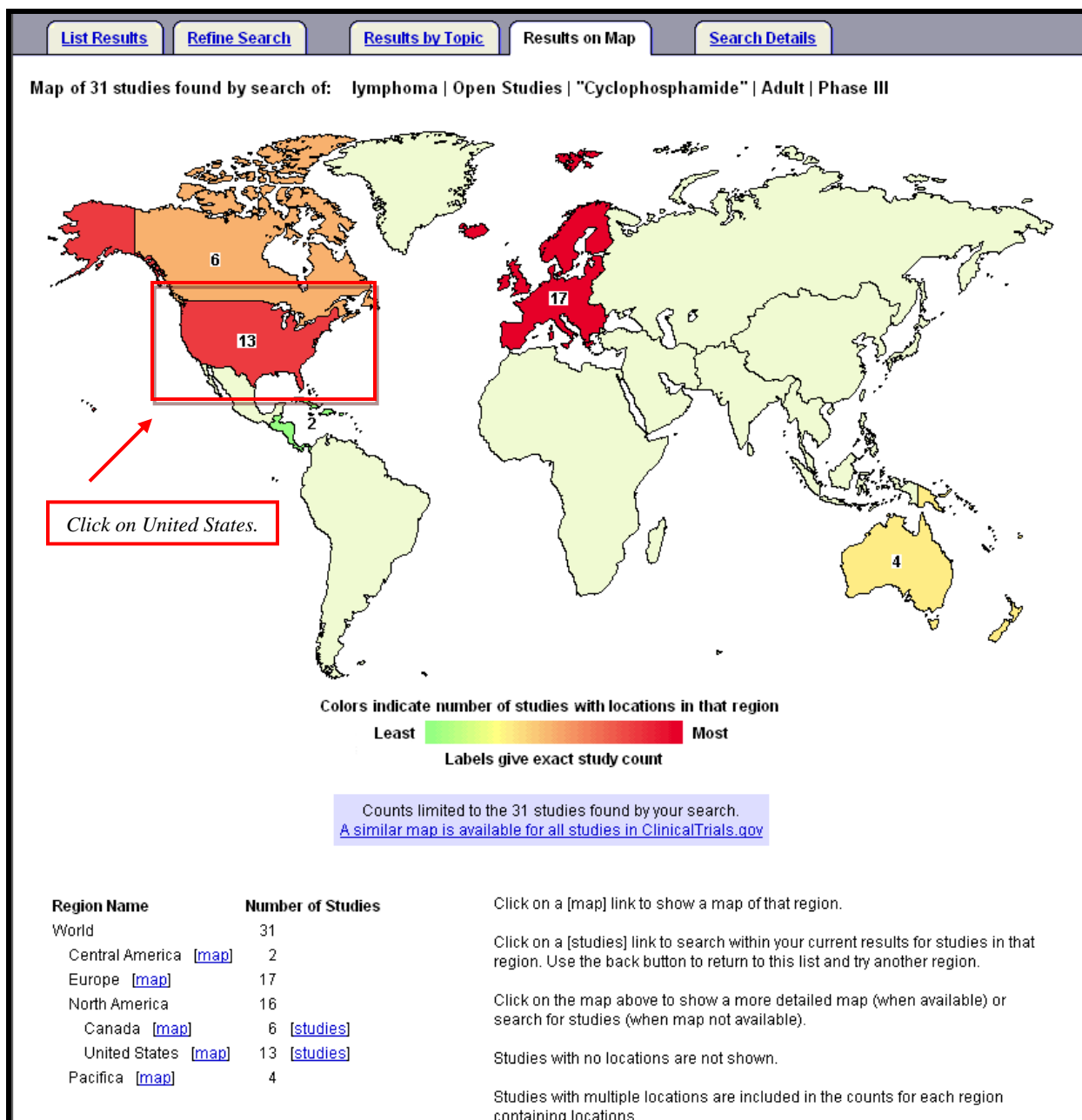
Found 4 studies with search of: **lymphoma | Open Studies | "Cyclophosphamide" | United States, Connecticut | Adult | Phase III**

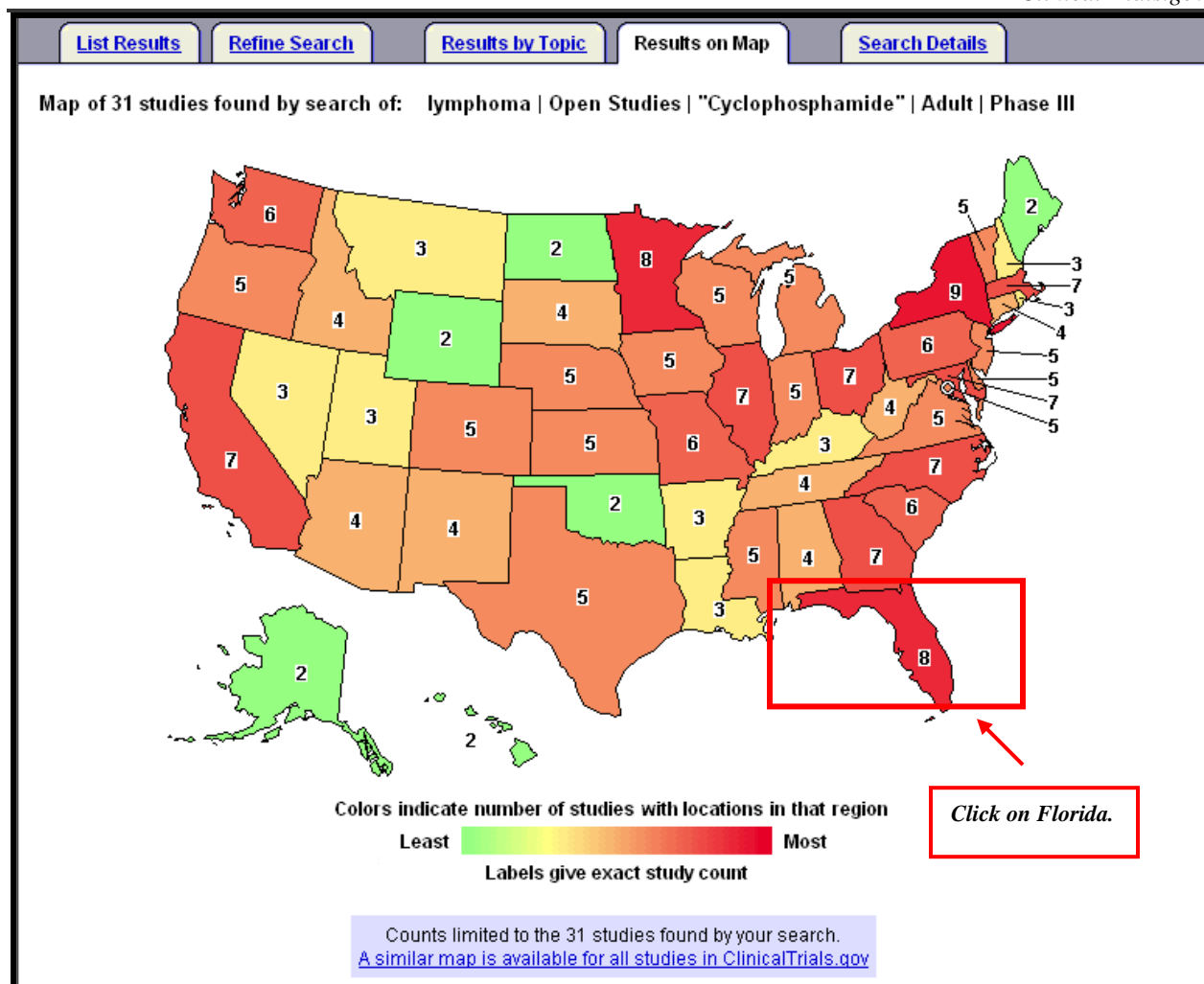
[Include studies which are not seeking new volunteers.](#) [+ Display Options](#)

- 1 **Recruiting** [Chemotherapy With or Without Additional Chemotherapy and/or Radiation Therapy in Treating Children With Newly Diagnosed Hodgkin's Disease](#)
 Condition: Lymphoma
 Interventions: Drug: bleomycin; Drug: cisplatin; Drug: cyclophosphamide; Drug: cytarabine; Drug: dexamethasone; Drug: doxorubicin hydrochloride; Drug: etoposide; Drug: filgrastim; Drug: prednisone; Drug: vincristine; Procedure: biological therapy; Procedure: chemotherapy; Procedure: colony-stimulating factor therapy; Procedure: cytokine therapy; Procedure: radiation therapy
- 2 **Recruiting** [Rituximab and Combination Chemotherapy in Treating Patients With Diffuse Large B-Cell Non-Hodgkin's Lymphoma](#)
 Condition: Lymphoma
 Interventions: Drug: cyclophosphamide; Drug: doxorubicin hydrochloride; Drug: etoposide; Drug: filgrastim; Drug: prednisone; Drug: rituximab; Drug: vincristine; Procedure: antibody therapy; Procedure: biological therapy; Procedure: chemotherapy; Procedure: colony-stimulating factor therapy; Procedure: cytokine therapy; Procedure: monoclonal antibody therapy

Results on Map

Click geographic region to get fuller information.





List Results (partial display):

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

Found 8 studies with search of: lymphoma | Open Studies | "Cyclophosphamide" | United States, Florida | Adult | Phase III

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

- 1 Recruiting** [Combination Chemotherapy Followed by Radiation Therapy and/or Chemotherapy in Treating Young Patients With Newly Diagnosed Hodgkin's Lymphoma](#)

Condition: Lymphoma

Interventions: Drug: cisplatin; Drug: cyclophosphamide; Drug: cytarabine; Drug: dexamethasone; Drug: doxorubicin hydrochloride; Drug: etoposide phosphate; Drug: filgrastim; Drug: ifosfamide; Drug: prednisone; Drug: vincristine; Drug: vinorelbine ditartrate; Procedure: biological therapy; Procedure: chemotherapy; Procedure: colony-stimulating factor therapy; Procedure: cytokine therapy; Procedure: radiation therapy
- 2 Recruiting** [Chemotherapy With or Without Additional Chemotherapy and/or Radiation Therapy in Treating Children With Newly Diagnosed Hodgkin's Disease](#)


Condition: Lymphoma

Interventions: Drug: bleomycin; Drug: cisplatin; Drug: cyclophosphamide; Drug: cytarabine; Drug: dexamethasone; Drug: doxorubicin hydrochloride; Drug: etoposide; Drug: filgrastim; Drug: prednisone; Drug: vincristine; Procedure: biological therapy; Procedure: chemotherapy; Procedure: colony-stimulating factor therapy; Procedure: cytokine therapy; Procedure: radiation therapy

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](#).

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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

[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.](#) [Click here.](#) [+ 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).

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

Fill in any or all of the fields below.

Click on a label to the left for further explanation or read the [Help](#).

Search Terms: **Recruitment:**

Study Results: [Basic Search](#)

Study Type: [Help](#)

Targeted Search:

Conditions:

Interventions:

Sponsors: Exact

Study IDs:

Locations:

1. **State:** **Country:**

2. **State:** **Country:**

3. **State:** **Country:**

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)

[Basic Search](#) [Help](#)

- 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:

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](#)

OR

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

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

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

OR

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

ClinicalTrials.gov
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...](#)

Resources:

- [Understanding Clinical Trials](#)
- [What's New](#)
- [Glossary](#)

Study Topics:

- List by Condition**
- [List by Drug Intervention](#)
- [List by Sponsor](#)
- [List by Location](#)

Search for Clinical Trials
Find trials for a specific medical condition or other criteria in the ClinicalTrials.gov registry. ClinicalTrials.gov currently has **44,670 trials** with locations in **150 countries**.

Investigator Instructions
Get instructions for clinical trial investigators/sponsors about how to register trials in ClinicalTrials.gov.

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.

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

- [Bacterial and Fungal Diseases](#)
- [Behaviors and Mental Disorders](#)
- [Blood and Lymph Conditions](#)
- [Cancers and Other Neoplasms](#)
- [Conditions of the Urinary Tract and Sexual Organs, and Pr...](#)
- [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](#)
- [Viral Diseases](#)

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

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

Categorize All Studies in ClinicalTrials.gov

Main Category: Conditions By Category

Condition Category: Eye Diseases

Search for Condition

- [Albinism](#) 6 studies
- [Albinism, Ocular](#) 1 study
- [Albinism, Oculocutaneous](#) 5 studies
- [Amblyopia](#) 21 studies
- [Angioid Streaks](#) 3 studies
- [Aniridia](#) 4 studies
- [Anisometropia](#) 5 studies
- [Anophthalmos](#) 2 studies
- [Aphakia](#) 2 studies
- [Asthenopia](#) 3 studies
- [Astigmatism](#) 16 studies
- [Behcet Syndrome](#) 5 studies
- [Blepharitis](#) 4 studies
- [Blepharospasm](#) 9 studies
- [Blindness](#) 35 studies
- [Cataract](#) 106 studies

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

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

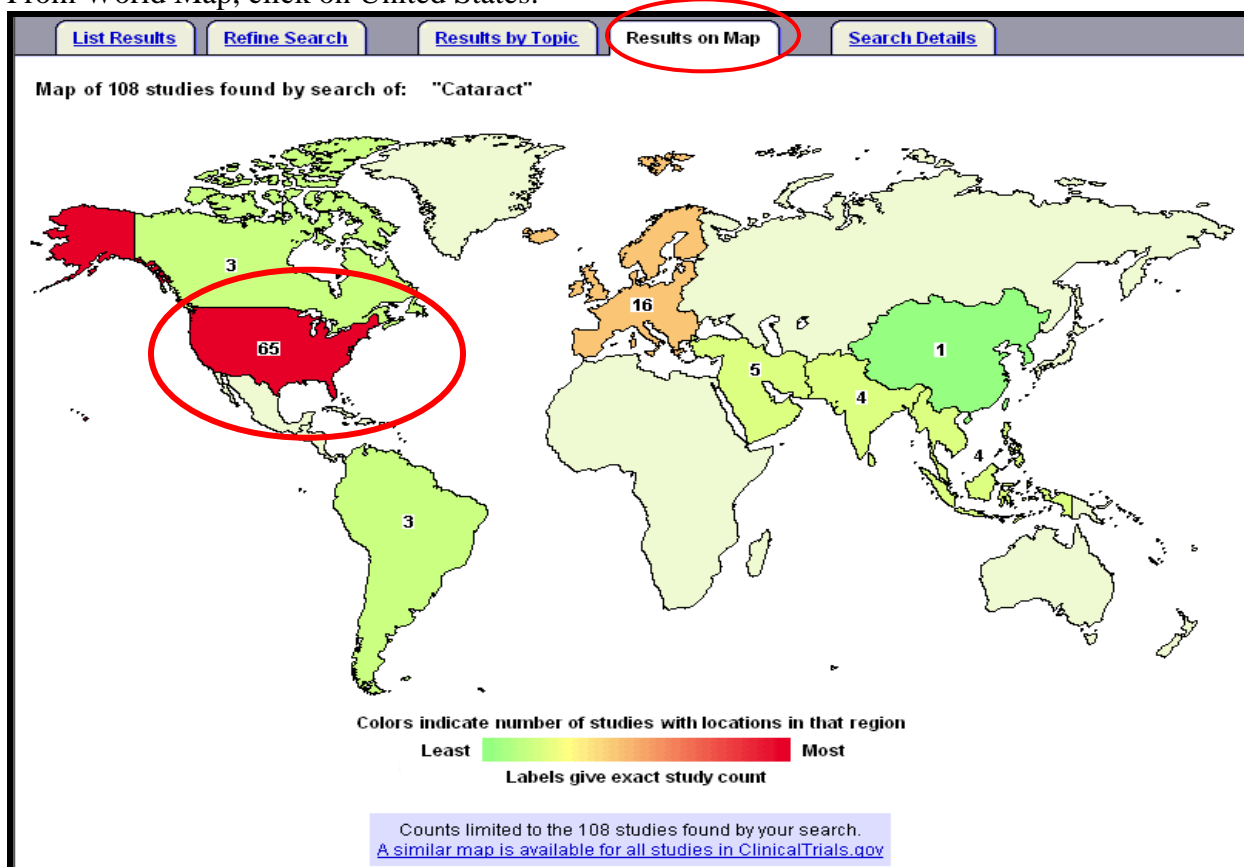
[List Results](#)
[Refine Search](#)
[Results by Topic](#)
[Results on Map](#)
[Search Details](#)

Found 108 studies with search of: "Cataract"

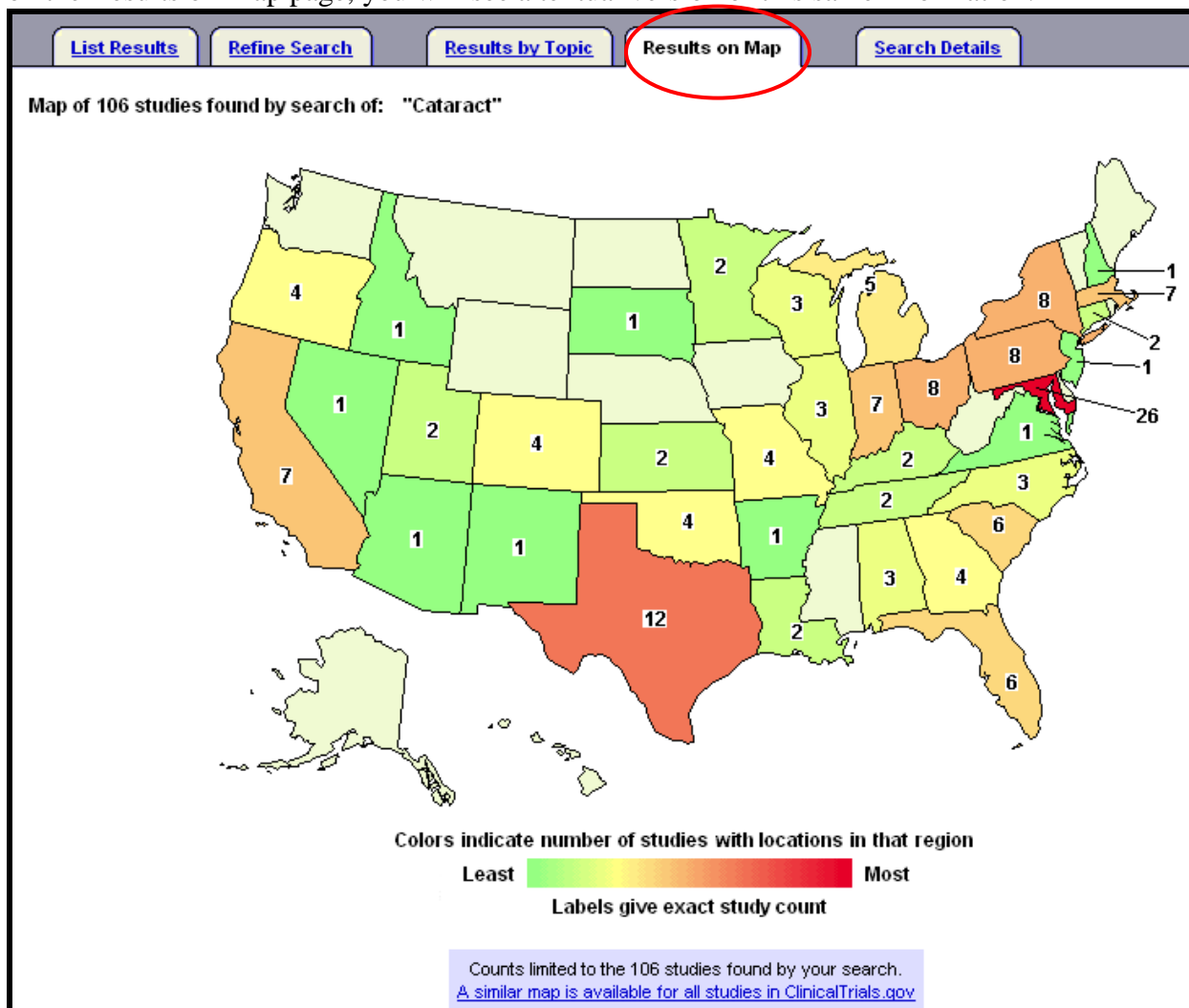
[Hide studies which are not seeking new volunteers.](#)
[+ Display Options](#)

- 1 Completed** [Cataract Surgery to Obtain Human Lens Material for the Study of Nuclear Cataracts](#)
 Condition: Cataract
 Intervention:
- 2 Completed** [Dynamic Light Scattering for Studying Lens Aging and Cataract Formation](#)
 Condition: Cataract
 Intervention:
- 3 Active, not recruiting** [Pilot Study: Dynamic Light Scattering Device for Studying Early Changes in Cataract](#)
 Condition: Cataract
 Intervention:
- 4 Recruiting** [Clinical and Genetic Studies of Families With Congenital or Hereditary Cataracts](#)
 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