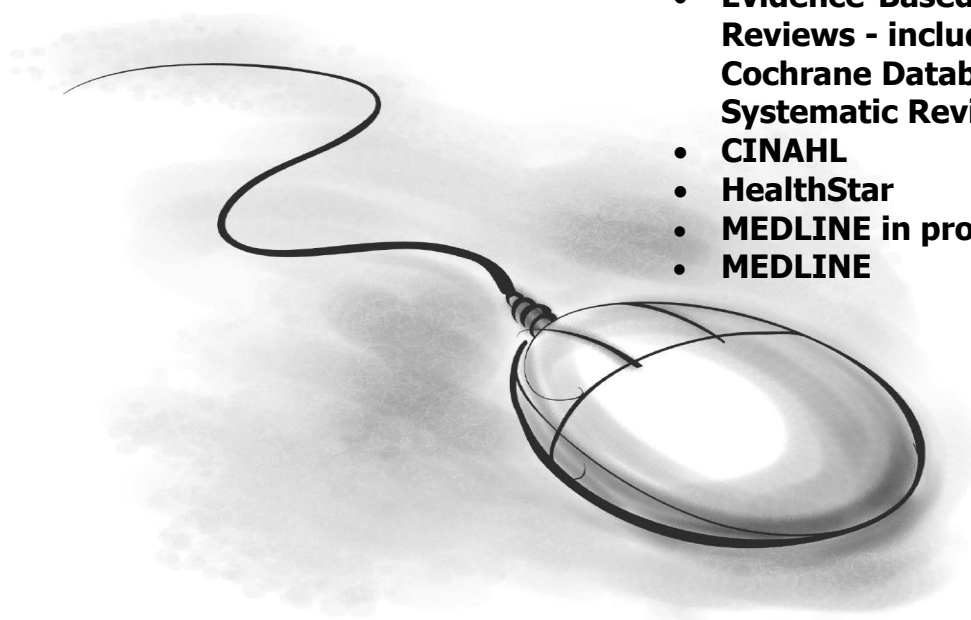


Guide to Database Searching via Ovid

- **ACP Journal Club**
- **Evidence-Based Medicine Reviews - including Cochrane Database of Systematic Reviews**
- **CINAHL**
- **HealthStar**
- **MEDLINE in process and MEDLINE**



Created by the Ontario Public Libraries Association (OPHLA)



MEDLINE 1966 - (and OLDMEDLINE 1950 to 1965)

- Literature of medicine, nursing, dentistry, allied health, biological/physical sciences
- Over 4000 journals indexed and updated weekly

CINAHL (Cumulative Index to Nursing & Allied Health Literature) 1982-

- Includes literature from the following disciplines: Nursing, Occupational Health and Physical Therapy, Social Work, Speech Language Pathology, Radiologic Technology
- Updated monthly
- Includes journal articles, healthcare books, nursing dissertations, conference proceedings, critical pathways etc....

EBM Reviews -

- Consists of four databases; ACP Journal Club (ACP), Cochrane Central Register of Controlled Trials (CCTR), Cochrane Database of Systematic Reviews (CDSR), and Database of Abstracts of Reviews of Effects (DARE).
- Cochrane Database of Systematic Reviews -
 - Contains systematic reviews on the results of research in defined subject areas
 - Offers reviews on clinical trials and supplies comparative analysis
 - Find quick answers to clinical questions supported by systematic evaluations of the findings of the latest research

HealthStar 1966 -

- Includes literature in the following areas: health services, health services administration/management and research as well as evaluation of patient outcomes.

Access -



Access is available from home or at work, 24 hours a day directly via the Internet.

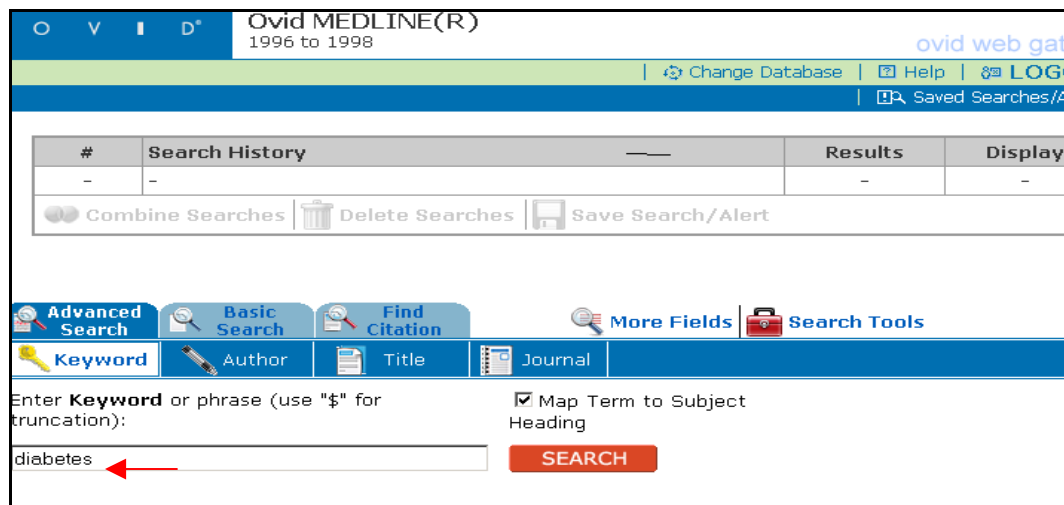
Connecting to Ovid

From Home:

1. Open your web browser (e.g. Internet Explorer), type <http://gateway.ovid.com> in the address box and press the <enter> key
2. Type a **user ID** and **password** (usernames and passwords are available on the library website and bookmark) in the appropriate boxes and click on the **Start Ovid** button with your mouse (Ovid automatically defaults to **Advanced Search**. This mode allows the most options).
3. Choose the appropriate database.

The Ovid Interface

Searching keyword/ subject heading



The screenshot shows the Ovid MEDLINE(R) search interface. The browser title is "Ovid MEDLINE(R) 1996 to 1998". The page has a blue header with navigation links: "Change Database", "Help", "LOGO", and "Saved Searches/A". Below the header is a search history table with columns "#", "Search History", "Results", and "Display". The table is currently empty. Below the table are buttons for "Combine Searches", "Delete Searches", and "Save Search/Alert". The main search area has tabs for "Advanced Search", "Basic Search", and "Find Citation". Below these tabs are search criteria buttons: "Keyword", "Author", "Title", and "Journal". The "Keyword" button is selected. A text input box contains the word "diabetes". To the right of the input box is a checkbox labeled "Map Term to Subject Heading" which is checked. Below the input box is a red "SEARCH" button. A red arrow points to the "SEARCH" button.

1. In the keyword box, enter a **single subject or term**.
2. Click the  button.

Subject Headings

All records in MEDLINE/CINAHL have been assigned specific terms or phrases (using a controlled vocabulary) that describe their contents. These are called **MeSH Subject Headings**. When you enter a term in the keyword/phrase box, Ovid will attempt to match the "term" to a relevant subject heading from the database.

Step Two: Mapping term to subject heading

Medline/Cinahl finds the subject headings that are most relevant to your search term

term mapped through permuted index

Include All Subheadings

Combine selections with:

Select	Subject Heading	Explode	Focus	Scope
<input type="checkbox"/>	DIABETES COMPLICATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	DIABETES, GESTATIONAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	DIABETES INSIPIDUS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	DIABETES INSIPIDUS, NEPHROGENIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	DIABETES INSIPIDUS, NEUROGENIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input checked="" type="checkbox"/>	DIABETES MELLITUS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	DIABETES MELLITUS, EXPERIMENTAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	DIABETES MELLITUS, LIPOATROPHIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	DIABETES MELLITUS, TYPE 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	DIABETES MELLITUS, TYPE 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	diabetes.mp. search as keyword			

Choose the subject heading most relevant to your search.

2. Click on the Explode Box [] if you wish to include the narrower terms under a search term.
3. Click on the Focus Box [] if you want to limit your results to articles in which your subject heading is one of the major points discussed.

The **Scope Note** provides a full definition of the subject headings.

Text word Searching

Located at the end of the subject heading list, use this method together with a subject heading to expand or broaden your search or when Medline/Cinahl does not provide a suitable subject heading.

1. Select the **Keyword Word** identified by the **.mp.** designation at the bottom of the subject headings list.
2. Click on **CONTINUE** to proceed with the search.

Your term mapped to the following Subject Headings:
 Click on a subject heading to view more general and more specific terms within the tree.

Include All Subheadings
 Combine selections with: **CONTINUE >>**

Select	Subject Heading	Explode	Focus	Score
<input type="checkbox"/>	Skin Tests	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Middle Aged	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Sea Urchins	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Daphnia	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Nutrition Disorders	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Adult	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Sensation Disorders	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Zygomatic Fractures	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Orbital Fractures	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Face	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	multitest mp. search as Keyword			

When a suitable subject heading is not offered by Ovid, searching the term as a key word can be effective. Ovid will look for that's term in the author, title, abstract fields and extract all citations containing that word. The skin test"multitest" for example is not assigned a subject heading but is mapped to the general term skin test so searching the term as a keyword may yield more relevant articles.

Step Three: Subheadings

Subheading Display

Combine selections with: **CONTINUE >>**

Subheadings for: *DIABETES MELLITUS

Include All Subheadings (10904)
 -- or choose one or more of these subheadings --

<input type="checkbox"/> /bl - Blood (837)	<input type="checkbox"/> /mi - Microbiology (28)
<input type="checkbox"/> /cf - Cerebrospinal Fluid (2)	<input type="checkbox"/> /mo - Mortality (179)
<input type="checkbox"/> /ci - Chemically Induced (173)	<input type="checkbox"/> /nu - Nursing (186)
<input type="checkbox"/> /cl - Classification (112)	<input type="checkbox"/> /ps - Parasitology (2)
<input type="checkbox"/> /cn - Congenital (16)	<input type="checkbox"/> /pa - Pathology (150)
<input type="checkbox"/> /di - Diagnosis (660)	<input type="checkbox"/> /pp - Physiopathology (1052)
<input checked="" type="checkbox"/> /dh - Diet Therapy (226)	<input checked="" type="checkbox"/> /pc - Prevention & Control (654)
<input type="checkbox"/> /dt - Drug Therapy (981)	<input type="checkbox"/> /px - Psychology (345)

Subheadings allow you to refine your search strategy.

1. You can narrow the search by selecting relevant subheadings appropriate to your search. The numbers in brackets beside the subheading indicate the number of articles that pertain to each subdivision of your topic.
2. If you do not have any specific requirements you can click the **Include all Subheadings** [√] icon (optional).

3. Click on the **CONTINUE** button. This will bring you to the main search page displaying the number of records.
4. Scroll down to view records

Step Four: Limiting a Search

Common limits such as English Language, Human and Publication year are available on the main search page.

The screenshot shows the search interface with the following elements:

- Navigation tabs: Advanced Search, Basic Search, Find Citation, More Fields, Search Tools.
- Search type: Keyword (selected), Author, Title, Journal.
- Search input: "diabetes" in the text box.
- Map Term to Subject Heading:
- SEARCH button.
- Limits section:
 - Full Text:
 - Review Articles:
 - Latest Update:
 - Humans:
 - Abstracts:
 - Core Clinical Journals (AIM):
 - English Language:
 - EBM Reviews:
 - Publication Year: 2000 - 2005
- A red arrow points to the "More Limits" icon.

Clicking on the **More Limits** icon gives you access to additional limits (like publication types, or age groups) on a separate page. These limits usually reduce the number of results.

1. Since Ovid automatically defaults to the last set of results, you will need to identify which set you wish to limit by clicking in the **"Select box"** for that set.

The screenshot shows the "More Limits" page with the following elements:

- Publication Year: - - -
- Text: "To select or remove multiple items from a list below, hold down the Shift, Ctrl, or 'Apple' key while select"
- Select boxes for various limit categories:
 - Subject Subsets: AIDS, Bioethics, Cancer, Complementary Medicine, History of Medicine
 - EBM Reviews: Evidence Based Medicine Reviews, Topic Reviews (Cochrane), Article Reviews (ACP Journal Club)
 - Clinical Queries: Therapy (sensitivity), Therapy (specificity), Therapy (optimized), Diagnosis (sensitivity), Diagnosis (specificity)
 - Languages: Afrikaans, Albanian, Arabic
- A red arrow points to the "EBM Reviews" select box.

Step 5: Combining Searches

Each time a search term is entered in the keyword/phrase box a retrieval set is created. Ovid allows you combine search sets using Boolean logic **AND/OR**.

Click on the **Combine** icon on the menu bar. Select sets that you want to combine by checking the boxes under the **Select** column.

2. Select **AND/OR** using the pull-down menu.
3. To retrieve articles that contain more than one term, combine them using **AND**.
4. To retrieve articles which include either of the terms, use **OR** (e.g. obesity **or** morbid obesity).
5. Click on the **CONTINUE** button to complete the combination.

You can also combine searches in the keyword box using the numbers for the search sets e.g.

The screenshot shows a search interface with a table of search history and a search box below it. The table has columns for #, Search History, Results, and Display. Row 7 is highlighted and circled in red. Below the table are buttons for 'Delete Searches' and 'Save Search/Alert'. The search box contains '3 or 4' and has a red arrow pointing to it. The 'SEARCH' button is visible.

#	Search History	Results	Display
1	*Obesity/pc, rh [Prevention & Control, Rehabilitation]	2084	DISPLAY
2	obesity.mp. or Obesity/ or Obesity, Morbid/	83046	DISPLAY
3	prevention.mp. or Primary Prevention/	200388	DISPLAY
4	Health Education/	38940	DISPLAY
5	3 or 4	233454	DISPLAY
6	1 and 5	617	DISPLAY
7	limit 6 to (english language and yr="2000 - 2006")	377	DISPLAY

Advanced Search Basic Search Find Citation More Fields Search Tools

Keyword Author Title Journal

Enter **Keyword** or phrase (use "\$" for truncation): Map Term to Subject Heading

3 or 4

Step 6: Displaying and Marking Search Results

Ovid allows the end user to review search results, select relevant citations and ready them for printing, emailing etc...

The screenshot shows a search interface with a table of search history and a search box below it. The table has columns for #, Search History, Results, and Display. Row 4 is highlighted and circled in red. Below the table are buttons for 'Combine Searches', 'Delete Searches', and 'Save Search/Alert'. A red arrow points to the 'Display' icon in row 4.

#	Search History	Results	Display
1	*ASTHMA/	22109	DISPLAY
2	herbal medicine.mp. or *Medicine, Herbal/	1454	DISPLAY
3	1 and 2	22	DISPLAY
4	limit 3 to (humans and english language)	14	DISPLAY

Combine Searches Delete Searches Save Search/Alert

1. From the **Main Search Screen** select a set you wish to display.
2. Click on the **Display** icon.

- Ten citations are presented on each page (you can alter this by clicking on the customize display icon on the top of the page).
- Click on **Next Result** at the bottom of the page to view the next 10 citations.
- Click on **Previous Result** to view the previous 10 citations.
- Select** the citations you want by clicking on the checkboxes beside the citation [√].
- Click on **Complete Reference** if you wish to see the full citation.
- Click on **Abstract** if you wish to read a summary for that citation.
(Click on **Find Similar** to locate related **additional** articles on your topic).

3. Orhan F. Sekerel BE, Kocabas CN, Sackesen C, Adalioglu G, Tuncer A. **Complementary and alternative medicine in children with asthma.** [see comment]. [Evaluation Studies. Journal Article] *Annals of Allergy, Asthma, & Immunology*. 90(6):611-5, 2003 Jun. UI: 12839318

4. Szelenyi I, Brune K. **Herbal remedies for asthma treatment: between myth and reality.** [Review] [363 refs] [Journal Article. Review] *Drugs of Today*. 38(4):265-303, 2002 Apr. UI: 12532195

- When you have viewed and selected the citations you want, scroll down to the bottom of the page to see the **RESULTS MANAGER**.

Step Seven: The Results Manager: Printing, Saving & Emailing Records

*The Results Manager lets you display, e-mail, print or save a subset of citations (you can click on the box against **Include Search History** to send the search history with your results).*

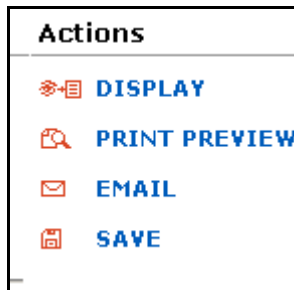
Results	Fields	Result Format	Actions
<input checked="" type="radio"/> Selected Results	<input type="radio"/> Citation (Title, Author, Source)	<input checked="" type="radio"/> Ovid	DISPLAY
<input type="radio"/> All in this set (1-6)	<input checked="" type="radio"/> Citation + Abstract	<input type="radio"/> BRS/Tagged	PRINT PREV
and/or Range: <input type="text"/>	<input type="radio"/> Citation + Abstract + Subject Headings	<input type="radio"/> Reprint/Medlars	EMAIL
	<input type="radio"/> Complete Reference	<input type="radio"/> Brief (Titles) Display	SAVE
	<input type="radio"/> SELECT FIELDS	<input type="radio"/> Direct Export	
		<input type="checkbox"/> Include Search History	

- The **Results** column- lists the various display options: **all in this page, all in this set or selected citations**.
- The **Fields** column- lets you choose how much information to include for printing, emailing etc.

Note: Complete record does not mean you will get the full text of the articles selected.

3. The **Actions column** -allows you to view selected citations (**Display**), send citations to a specific email account (**E-Mail**), save them to a disk (**Save**) or print directly (**Print Preview**).
 4. To print directly, from the Actions column, click on the **Print Preview** icon to view the records you have selected for printing.
 5. Click on **Print** on Netscape/Internet Explorer or click on **File** and then **Print**.
-
-

Step 8: Downloading/Emailing Citations



1. From the Results Manager box, in the **Action** column, select **Save**.
 2. Ovid prompts you for your platform (Windows, Macintosh etc.). Select Windows and click on the **CONTINUE** button.
 3. Select **Save**. In **File Name** box: Name your document, e.g. alcohol.
 4. Click on **Save**.
 5. If you want to e-mail your search results, click on the **EMAIL** icon. It will prompt you for your e-mail address in the address box.
 6. Click on the **SEND EMAIL** icon to send the results by email.
-
-

Step Nine: Saving/Executing Search History (Additional Feature)

*This feature lets you save a search and re-execute it at a later date, or on a regular basis to get the latest in the health or medical literature on your subject by creating an **Auto Alert**. (Save a search temporarily for up to 24 hours or permanently).*

Ovid MEDLINE(R)
1966 to June Week 2 2006

ovid web gateway

#	Search History	Results	Display
1	*Obesity/pc, rh [Prevention & Control, Rehabilitation]	2084	DISPLAY
2	obesity.mp. or Obesity/ or Obesity, Morbid/	83046	DISPLAY
3	prevention.mp. or Primary Prevention/	200388	DISPLAY
4	Health Education/	38940	DISPLAY
5	3 or 4	233454	DISPLAY
6	1 and 5	617	DISPLAY
7	limit 6 to (english language and yr="2000 - 2006")	377	DISPLAY

Combine Searches Delete Searches Save Search/Alert

1. From the Main Search screen, click on **Save Search /Alert** to begin saving your search strategy.
2. Enter a search name e.g. **“Obesity Prevention”** to identify your search and indicate if the strategy is permanent or temporary.
4. To **execute** your saved search history, go to the Main Search screen and click on the **Saved Searches/Alerts** icon.
5. Select your search strategy by clicking [] on the check box beside it.
6. Click on **RUN** to run the selected search.
7. Click on **DELETE** to delete a saved search.

Step Ten: Searching other Ovid Databases

Ovid Web allows you to re-execute your current search or start a new one in another database

Ovid MEDLINE(R)
1966 to August Week 4 2005

ovid web gateway

Help LOGOFF

Saved Searches/Alerts

1. On the menu bar on the Main Search Screen, select the **Change Database** icon. Click [] in the box against the database you want.
2. Ovid Web offers you the following options:
 - **Open and Re-Execute** - allow you to rerun your previous search in a new database.
 - **Open and Clear**- clears the old search and allows you to start a new search.
 - **Return to Current Session** returns you to your search without changing databases.
3. To disconnect click on the **Logoff** Button.

Tip to Remember while Searching Multiple Databases...

*Each database whether it be Cinahl, HealthStar or Medline maintains their own subject headings. Some subject headings will be common among all of the databases yet some terms are not. **Keyword or text word searching may be more effective and yield better results when conducting a multiple database search.***

Other Useful Search Functions

Ovid allows for other search commands



Author

Search for documents by a specific author by clicking on the **Author** icon. Enter author's last name followed by the first initial. Click on search, select the appropriate name and click on **CONTINUE**.



Title

Click on the **Title** icon to search for documents that contain specific word(s) or phrase located in the title.



Journal

The **Journal** icon allows you to limit your search to a particular journal. Enter the first few letters of the journal name or the FULL name. Do not use abbreviations.



Citation Finder

Click on **Find Citation** to help locate an article. Fields include Journal Title, Article Title, Article Author, year, pagination. Enter as much information as possible to help locate the complete article reference.