

CABI Training Materials

CAB Direct

Simple Searching Global Health

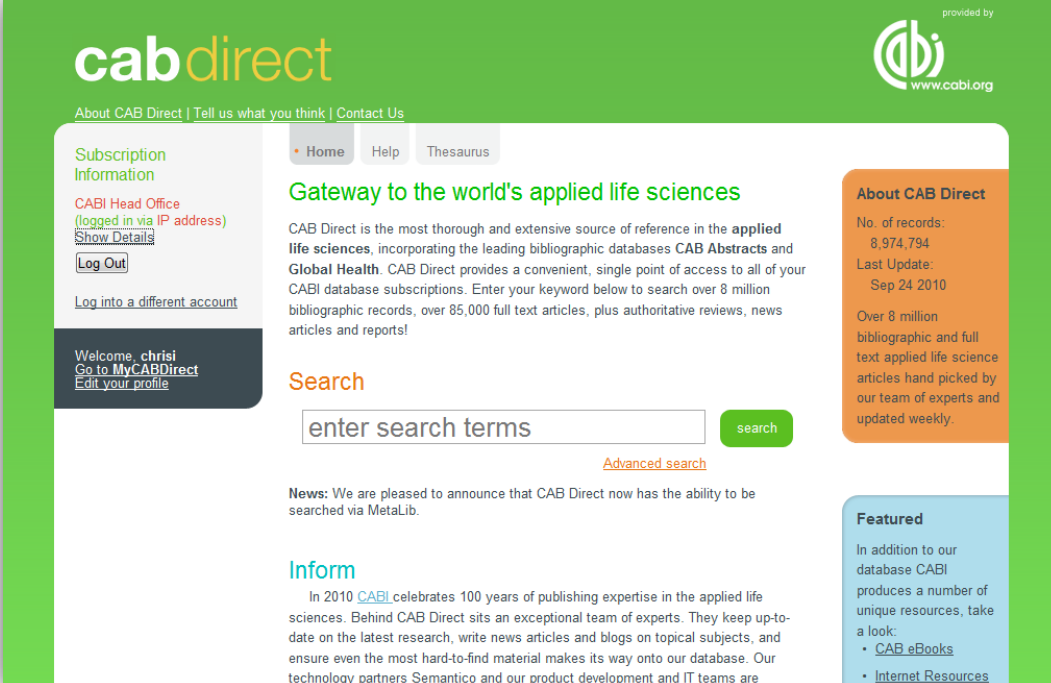
www.cabi.org

KNOWLEDGE FOR LIFE

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The CAB Direct Home Page



The screenshot shows the CAB Direct Home Page with a green header. The main content area is white with a green border. On the left, there is a sidebar with 'Subscription Information' and a user profile section. The main content area features a search box with the text 'enter search terms' and a green 'search' button. Below the search box is a 'News' section and an 'Inform' section. On the right, there is an 'About CAB Direct' box with statistics and a 'Featured' box with links to 'CAB eBooks' and 'Internet Resources'.

This is the CAB Direct Home Page, offering a simple, “Google like” search box, plus links to the CAB Thesaurus, “MyCABDirect” and help pages. The left hand menu provides a clickable list of databases available via the institutions subscription. This search screen allows users to perform simple, single or multi-word searches. As with a Google search, users can use natural language, as in the example below:

heart disease in europe

In a natural language search, the system will automatically select just the important words, in this case, **Heart**, **Disease** and **Europe**, and will ignore all the other terms. The search is performed by clicking the green  button. The selected terms will be searched with an “invisible” AND between them. The resulting list of records will contain all three keywords. The same search can also be performed by typing in the individual search terms or “Keywords”, as they are commonly known, as shown below:

heart disease europe

The terms will be combined with **AND**, as before, with the same search result.

Word-stemming/Truncation:

The CAB Direct search interface offers automatic word-stemming which means that many of the terms that you search for will automatically retrieve additional words based on the “stem” of your search term. In most cases, this improves the retrieval of records. However, in some cases, it may retrieve unwanted records. To turn off word stemming, especially on single word search terms, enclose the terms in double quotes (e.g. “wellness”).

Word-stemming however reduces the need for truncation, but this can still be used, if required. When searching for several words that have the same beginning, or stem, the use of truncation can save time. For unlimited Truncation, use the asterisk (*), as in the following example:

Phrase Searching:

Sometimes a user will want to search for a more specific phrase, rather than searching for individual, single words and combining them with **AND**. An example might be the search term **heart disease**. To specify a phrase search, simply enclose the phrase in double quotation marks, as shown below.

"heart disease"

Phrases and single words can be searched in combination, and will be linked with **AND** by default, as in the following example.

"heart disease" europe "risk factors"

The retrieved records will each contain all three search terms “**ANDed**” together.

Note that, whenever you enter more than one search term, whether it is a single word or a phrase, the system will combine them with **AND** unless you specify otherwise. The **AND** operator is “implied”, and doesn’t need to be typed into your search statement, but you can type it in, if you wish to, as shown below.

"heart disease" AND europe AND "risk factors"

The **AND** should be typed in upper case or in lower case.

Linking Search Terms with “Boolean Operators”:

The **AND** operator, discussed above, is one of three commonly used “search operators” called “Boolean Operators”. The other two Boolean Operators are **OR** and **NOT**, and can be used to

modify or refine your search. You may be interested in research papers about diagnosis, treatment or care. If we simply type in the three terms **diagnosis treatment care**, we would retrieve only records that contained all three terms. They would be **AND**ed together. We would not find any records that simply included just one or two of the terms. This would seriously limit our search. In this particular example, we want to find records that contain all the words or any of the words.

To do this, we can use the **OR** operator, as in the following example:

diagnosis OR treatment OR care

This search will find records that contain either one or more of the three search terms. The **OR** operator “expands” the search. The search gets larger as you **OR** more terms together.

The third Boolean Operator is **NOT**, and can be used to exclude terms from your search. You may be interested in **diagnosis** but not **treatment**. To do this, use the **NOT** operator, as shown below:

diagnosis NOT treatment

This search will find all the records containing the word **diagnosis**, but will exclude any record that includes the word **treatment**. The **NOT** operator will restrict your search, making it smaller. Use the **NOT** operator with caution, as you may lose relevant records by accident.

Multiple Boolean Operators:

We have seen how to use each Boolean Operator separately but, in many searches, it is useful to be able to use two or more of these operators together, in a single, complex search statement. Let us imagine that we want to do a search for records about the heart or lung disease diagnosis but not treatment. We need to find all the records about heart **OR** lung and then **AND** this set of records with the terms disease **AND** diagnosis. Having created this set of records, we need to remove, using **NOT**, any records that include the term treatment. In this search, we need to use **AND**, **OR** and **NOT**, as shown below:

heart OR lung AND disease AND diagnosis NOT treatment

Before we run the search, there is one more thing that we need to do. We must tell the search system the order in which to do the search. Firstly, we want to find heart **OR** lung, and then we want to combine this group (or set) of records with the words disease **AND** diagnosis and, once this second operation has been completed, the final operation is to remove the records containing the word treatment. To specify the order of the search, we use parentheses or round brackets to enclose the three, separate operations. We want the **OR** operation done first, so we enclose the **OR**ed terms in one set of brackets, as shown here:

(heart OR lung) AND disease AND diagnosis NOT treatment

Now we want to do the **AND** operations, so we enclose this operation in a second set of brackets:

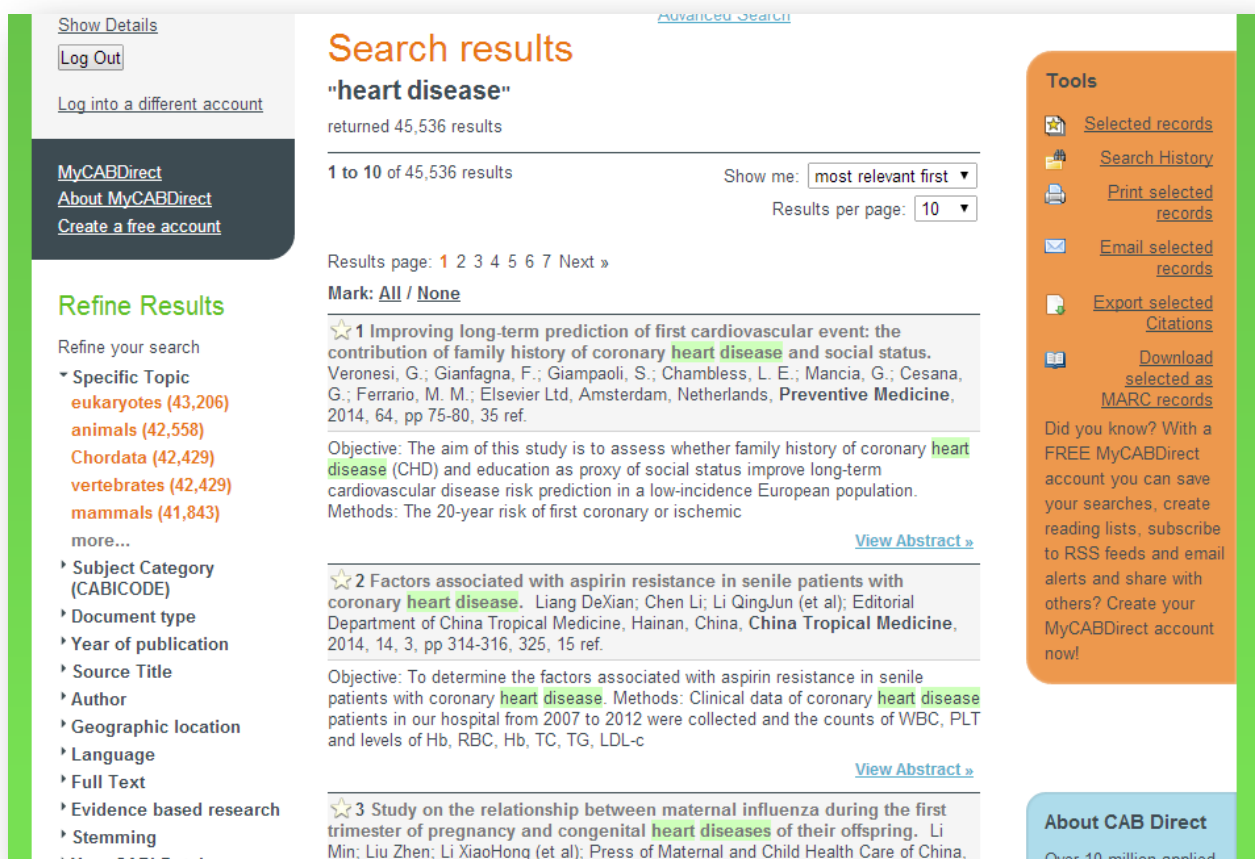
((heart OR lung) AND disease AND diagnosis) NOT treatment

And, because the **NOT** operation is outside both sets of brackets, it will be performed last. We can now click the search button and the search will be performed correctly, in the order in which we want it done.

With a little practice, the use of Boolean Operators, and brackets, can be used to produce complex and precise search statements, which will retrieve good, relevant results.

Search Results:

The results of a search are displayed in a short record format on the **Search results** screen, as shown on the next page. The records are displayed in relevance order, with the record that is most relevant displayed first, at the top of this list. There is also a clickable option to display the records by date, with the most recent record shown first.



The screenshot shows the 'Search results' page for the query "heart disease". The page displays 45,536 results, with the first 10 records shown. The results are sorted by relevance, with the most relevant record first. The page includes a navigation sidebar on the left, a main content area with search results, and a tools sidebar on the right.

Search results
"heart disease"
 returned 45,536 results

1 to 10 of 45,536 results Show me: **most relevant first** Results per page: **10**

Results page: **1** 2 3 4 5 6 7 Next »

Mark: **All** / None

1 Improving long-term prediction of first cardiovascular event: the contribution of family history of coronary **heart disease** and social status. Veronesi, G.; Gianfagna, F.; Giampaoli, S.; Chambless, L. E.; Mancia, G.; Cesana, G.; Ferrario, M. M.; Elsevier Ltd, Amsterdam, Netherlands, **Preventive Medicine**, 2014, 64, pp 75-80, 35 ref.

Objective: The aim of this study is to assess whether family history of coronary **heart disease** (CHD) and education as proxy of social status improve long-term cardiovascular disease risk prediction in a low-incidence European population.
 Methods: The 20-year risk of first coronary or ischemic

[View Abstract »](#)

2 Factors associated with aspirin resistance in senile patients with coronary **heart disease**. Liang DeXian; Chen Li; Li QingJun (et al); Editorial Department of China Tropical Medicine, Hainan, China, **China Tropical Medicine**, 2014, 14, 3, pp 314-316, 325, 15 ref.

Objective: To determine the factors associated with aspirin resistance in senile patients with coronary **heart disease**. Methods: Clinical data of coronary **heart disease** patients in our hospital from 2007 to 2012 were collected and the counts of WBC, PLT and levels of Hb, RBC, Hb, TC, TG, LDL-c

[View Abstract »](#)

3 Study on the relationship between maternal influenza during the first trimester of pregnancy and congenital **heart diseases** of their offspring. Li Min; Liu Zhen; Li XiaoHong (et al); Press of Maternal and Child Health Care of China, 2014, 14, 3, pp 314-316, 325, 15 ref.

[View Abstract »](#)

Refine Results
 Refine your search

- Specific Topic
 - eukaryotes (43,206)
 - animals (42,558)
 - Chordata (42,429)
 - vertebrates (42,429)
 - mammals (41,843)
 - more...
- Subject Category (CABICODE)
- Document type
- Year of publication
- Source Title
- Author
- Geographic location
- Language
- Full Text
- Evidence based research
- Stemming
- Your CAB Databases

Tools

- Selected records
- Search History
- Print selected records
- Email selected records
- Export selected Citations
- Download selected as MARC records

Did you know? With a FREE MyCABDirect account you can save your searches, create reading lists, subscribe to RSS feeds and email alerts and share with others? Create your MyCABDirect account now!

About CAB Direct
 Over 10 million applied

On this page, the records are displayed with the Article Title, the Bibliographic Details and a short section of the Abstract. By default, you see 10 records at a time, but the display range can be

reset to show up to 100 at a time from the drop down list, highlighted in the screenshot on the next page.



1 to 10 of 21,195 results

Show me: most recent first

Results per page: 10 (selected), 25, 50, 75, 100

Results page: 1 2 3 4 5 6 7 Next »

Mark: All / None

1 Adherence to calcium channel blocker poisoning treatment

To view the complete database record either click the record title or the [View Abstract »](#) link, at the bottom of each record. This will take you to the record page, or **Document details** display screen, as shown below.



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Home Help Thesaurus

Search: "heart disease" [Advanced Search](#)

Document details

« [back to search results](#) » [previous result](#) | [next result](#) »

Title Adherence to calcium channel blocker poisoning treatment recommendations in two Canadian cities.

Authors St-Onge, M.; Arochambault, P.; Lesage, N.; Guimont, C.; Poitras, J.; Blais, R.

Author Affiliation University of Toronto, 50 Stephanie Street Suite 1507, Toronto, Ontario, M5T 1B3, Canada.

Author Email egnomie@hotmail.com

Journal Clinical Toxicology 2012 Vol. 50 No. 5 pp. 424-430

ISSN 1556-3650

DOI 10.3109/15563650.2012.687741

URL <http://informahealthcare.com/ctx>

Record Number 20123227095

Abstract

Context. No study has documented whether physicians call poison control centres (PCC) for calcium channel blocker (CCB) poisoning or if interventions suggested by the PCC are being applied. Objectives. This study evaluated the compliance of physicians with the Quebec Poison Control Center's (QPCC) recommendations for the treatment of CCB poisoning. It also assessed the outcomes of these patients. Methods. This retrospective chart review was conducted with CCB-poisoned adults who were admitted to a hospital in Quebec City or Montreal between January 2004 and November 2007. Using the sequence of interventions, it was determined whether or not the PCC recommendations were adhered to. Level of care provided, morbidity and mortality were reported. The researchers also used the QPCC database to verify if the poison centre was consulted for

Subscription Information

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About this document

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Publication type
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Informa Healthcare

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2012

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London

Country of publication
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Language of publication
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Geographical location

Tools

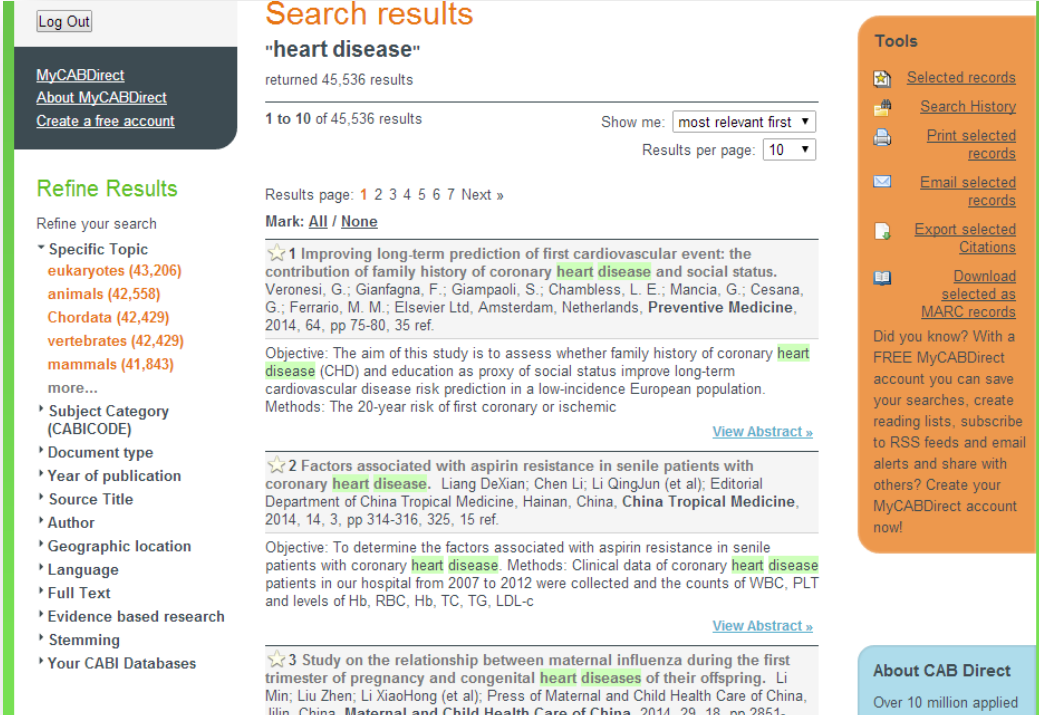
Log into MyCABDirect to set up RSS feeds and email Alerts

- [Marked records](#)
- [Mark this record](#)
- [Search History](#)
- [Print this record](#)
- [Email this record](#)
- [Export citation](#)
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MARC21 Record

Related literature

- [Other articles by these authors on Google Scholar](#)
- [Search Google for related articles](#)
- [Order from the British Library \(Arweb-registered users\)](#)

Refining Search Results:



The screenshot shows the search results for "heart disease" on the MyCABDirect website. The page includes a navigation bar with "Log Out", "MyCABDirect", "About MyCABDirect", and "Create a free account". The search results section shows 45,536 results, with the first 10 displayed. The results are sorted by "most relevant first" and 10 results per page are shown. A "Refine Results" sidebar on the left lists various search criteria such as "Specific Topic", "Subject Category", "Document type", "Year of publication", "Source Title", "Author", "Geographic location", "Language", "Full Text", "Evidence based research", "Stemming", and "Your CABI Databases". The "Specific Topic" list includes "eukaryotes (43,206)", "animals (42,558)", "Chordata (42,429)", "vertebrates (42,429)", and "mammals (41,843)". The main results area displays three abstracts, each with a star icon, a title, authors, journal information, and a brief objective and methods section. A "Tools" sidebar on the right offers options like "Selected records", "Search History", "Print selected records", "Email selected records", "Export selected Citations", and "Download selected as MARC records". An "About CAB Direct" box at the bottom right states "Over 10 million applied".

Refine Results

Refine your search

- ▾ Specific Topic
 - eukaryotes (43,206)
 - animals (42,558)
 - Chordata (42,429)
 - vertebrates (42,429)
 - mammals (41,843)
 - more...
- Subject Category (CABICODE)
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- Year of publication
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- Author
- Geographic location
- Language
- Full Text
- Evidence based research
- Stemming
- Your CABI Databases

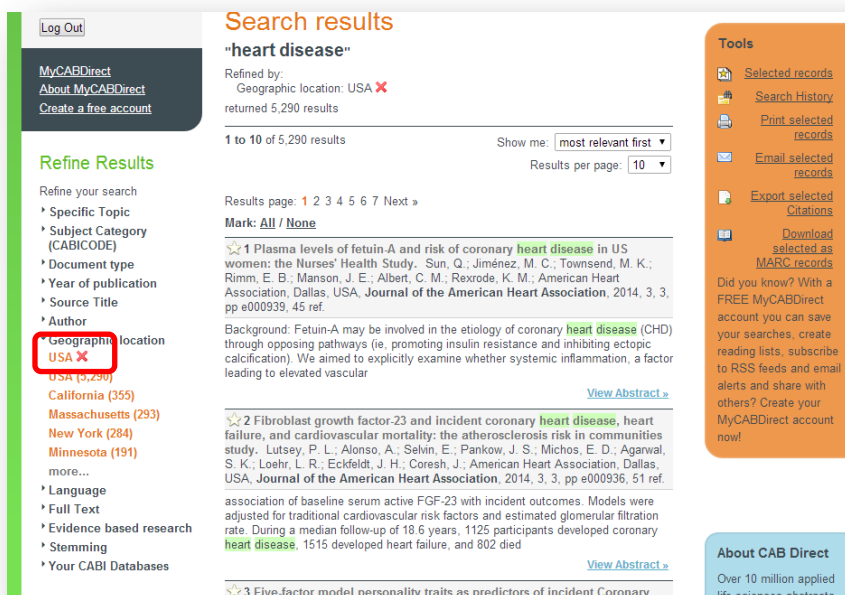
To the left of the displayed records, in the Results Display screen, is a list of options to **Refine Results**. These expandable lists of search terms have been built from the current search results, by analyzing the content of the retrieved records. The most frequently occurring terms, names, codes and dates, that appear in the various fields of the database records, are listed in order of occurrence and, next to each term, is the number of records, from the current results list, that contain that particular term, name, code or date.

Each entry in a list is a clickable search link which, if clicked, will refine or limit the current search to records containing that particular entry. The full list of Refine options is shown below.

The Refine options include:

Specific Topic	CABI's controlled indexing terms, used to index all the major concepts in the original article. Useful for finding just the really important papers.
Subject Category (CABICODES)	Concept codes, and associated headings, used to code for broad subject areas.
Document type	Resource or literature type e.g. Journal paper, book chapter
Year of Publication	Year of Publication of the original article.
Source Title	Title of the publication in which the article was published.
Author	Personal and corporate authors and editors names.
Geographic Location	Terms used to index important geographical concepts in the original article.
Language	Language of the original article.
Full Text	This link will limit your search results to database records with links to CABI's Free Full Text database.
Evidence based research	Limits results to systematic reviews
Stemming	Turns off the databases automatic stemming function
Your Subscriptions	This link allows user to limit their results to records from, or relating to, particular CABI databases.

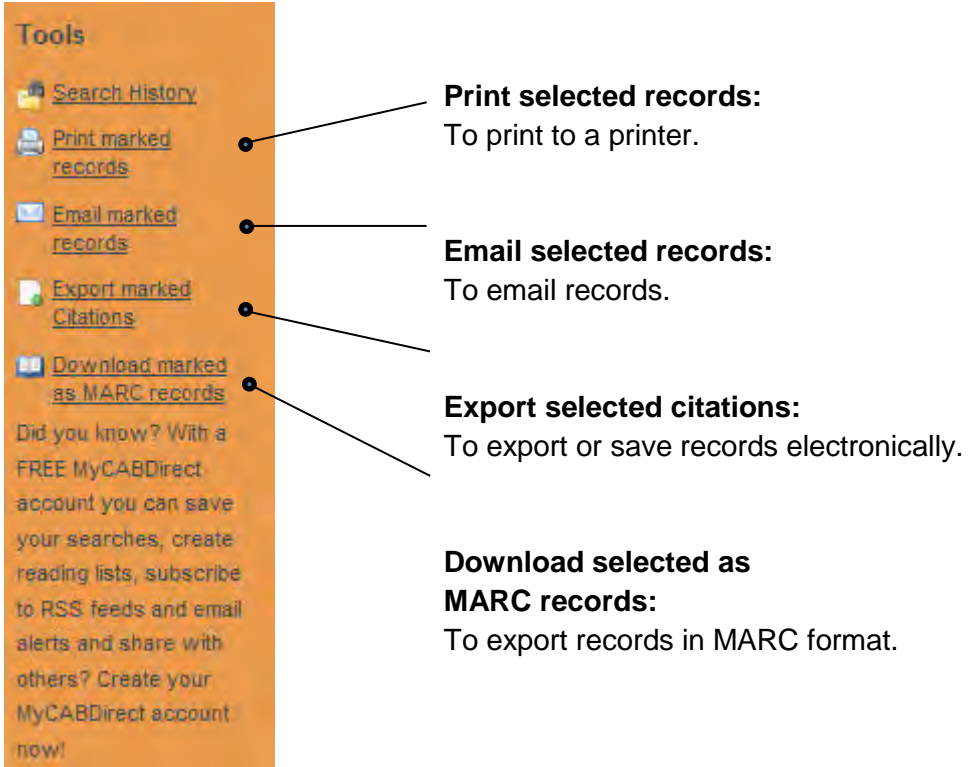
To view the lists, expand them by clicking on the heading. Click “more...” to expand the list fully, as required. To **Refine** your search, simply click your chosen entry. A new search will be run, which will combine this new entry with your previous search, refining the results to a smaller, more relevant list of records. In the following screenshot, we have **Refined** our original search for “**Heart Disease**” to the “Geographic Location” **USA**.



The screenshot shows the search results page for "heart disease". The search is refined by "Geographic location: USA", resulting in 5,290 records. The left sidebar shows the "Refine Results" menu with "Geographic location" selected and "USA" chosen. The main content area displays the first search result, which is a study on plasma levels of fetuin-A and risk of coronary heart disease in US women. The "Tools" panel on the right offers options like "Selected records", "Search History", "Print selected records", "Email selected records", "Export selected citations", and "Download selected as MARC records".

Outputting Records:


Once you have completed your search, you will want to print or export the results. There are four basic output options, available in the orange box marked “Tools”. These are:

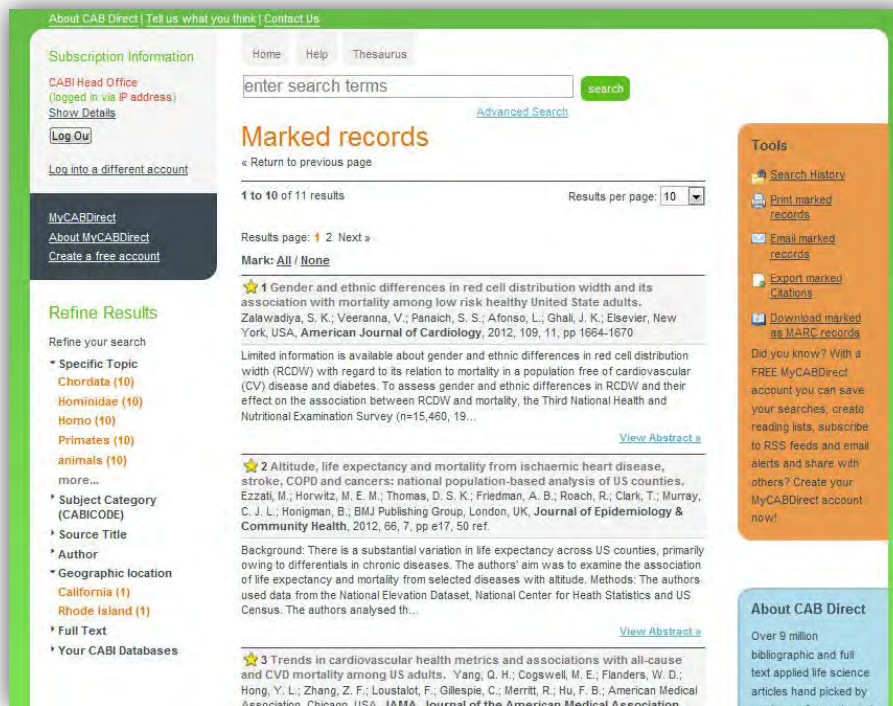


The image shows a vertical orange box titled "Tools" containing several menu items. Four callout lines point from the following text to specific items in the menu:

- Print selected records:** To print to a printer. (points to "Print marked records")
- Email selected records:** To email records. (points to "Email marked records")
- Export selected citations:** To export or save records electronically. (points to "Export marked Citations")
- Download selected as MARC records:** To export records in MARC format. (points to "Download marked as MARC records")

Below the menu items, there is a promotional message: "Did you know? With a FREE MyCABDirect account you can save your searches, create reading lists, subscribe to RSS feeds and email alerts and share with others? Create your MyCABDirect account now!"

To output records, you first have to **select** the records in which you are interested. Records can be Marked, individually, by checking the small star icon to the left of the record number. If you want to output all the records displayed on the current page, you can do this by clicking the **Mark: All** link, that appears just above the first record. This will **select** all the records displayed on the current page. The Marked records will be added to a selected records list. This list can be output immediately or added to throughout the current search session (maximum 1,000 records). The selected records list will build, as you add extra records during the current search session. Before outputting selected records, you can view the complete list by clicking on the  **Selected records** icon at the top of the orange Tools box. A selected records list example is shown below:



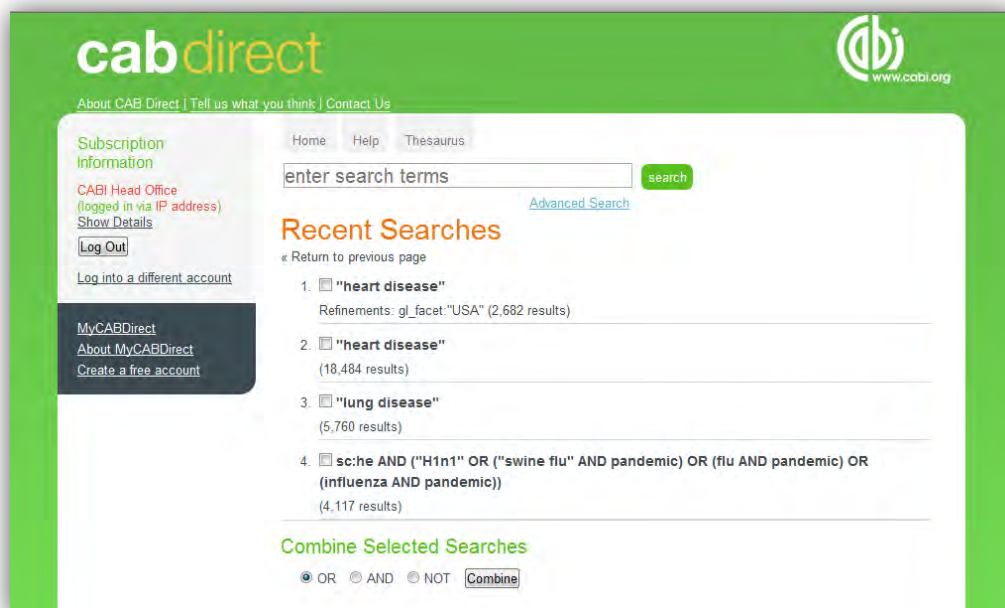
The screenshot shows the CABI search results page. At the top, there are navigation links: "About CAB Direct | Tell us what you think | Contact Us". Below this is a search bar with the text "enter search terms" and a "search" button. To the right of the search bar is a link for "Advanced Search".

The main content area is titled "Marked records" and shows "1 to 10 of 11 results". Below this, there are two search results listed. The first result is titled "Gender and ethnic differences in red cell distribution width and its association with mortality among low risk healthy United State adults." and includes the authors "Zalawadiya, S. K.; Veeranna, V.; Panaich, S. S.; Afonso, L.; Ghali, J. K.; Elsevier, New York, USA, American Journal of Cardiology, 2012, 109, 11, pp 1664-1670". The second result is titled "Altitude, life expectancy and mortality from ischaemic heart disease, stroke, COPD and cancers: national population-based analysis of US counties," and includes the authors "Ezzali, M.; Horwitz, M. E. M.; Thomas, D. S. K.; Friedman, A. B.; Roach, R.; Clark, T.; Murray, C. J. L.; Honigman, B.; BMJ Publishing Group, London, UK, Journal of Epidemiology & Community Health, 2012, 66, 7, pp e17, 50 ref."

On the left side, there is a "Refine Results" section with various filters like "Specific Topic", "Subject Category", and "Author". On the right side, there is a "Tools" box with links for "Search History", "Print marked records", "Email marked records", "Export marked Citations", and "Download marked as MARC records".

Search History:

As you search across the database, a search history is created, which lists all the searches performed in the current search session. To see this list, simply click on the [Search History](#) link in the orange **Tools** box to the right of the Search Results screen. This will display the Search History screen, as shown below.



The screenshot shows the CABI search history page. At the top, there is the "cabdirect" logo and the CABI logo with the website address "www.cabi.org". Below this are navigation links: "About CAB Direct | Tell us what you think | Contact Us".

The main content area is titled "Recent Searches" and shows a list of four searches performed in the current session. Each search is listed with a checkbox, the search terms, and the number of results. The searches are:

- "heart disease" (2,682 results)
- "heart disease" (18,484 results)
- "lung disease" (5,760 results)
- sc:he AND ("H1n1" OR ("swine flu" AND pandemic) OR (flu AND pandemic) OR (influenza AND pandemic)) (4,117 results)

At the bottom of the page, there is a "Combine Selected Searches" section with radio buttons for "OR", "AND", and "NOT", and a "Combine" button.

This screen shows the recent searches and the record numbers. You can re-run any of the searches in the list by simply clicking on the search string ("**heart disease**", for example). You can also use this screen to combine the results from different searches, to create a new search. In the example, shown above, we might wish to combine the two searches on heart disease OR lung disease together. To combine searches, simply check the box next to the searches you wish to combine, select the Boolean Operator you wish to use (AND, OR or NOT), and click the "**Combine**" button. A new search "set" will be created, comprising all the relevant records. Note, this Search History is not saved when you log out. However, if you wish to save a search, to re-use at a later date, you can do this by signing up to a "MyCABDirect" account.

MyCABDirect:

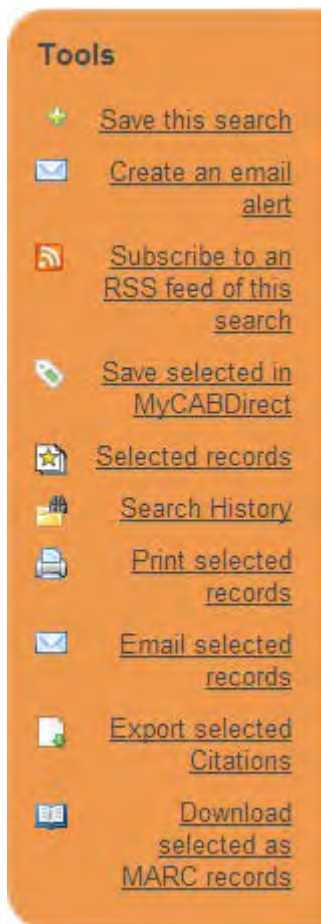
If you set up a personal MyCABDirect account, you can personalise the site and make use of some additional, useful features of CAB Direct.

To create a free, MyCABDirect account, simply click the "Create a free account" link in the grey box to the left of the screen. You will see the following registration screen:



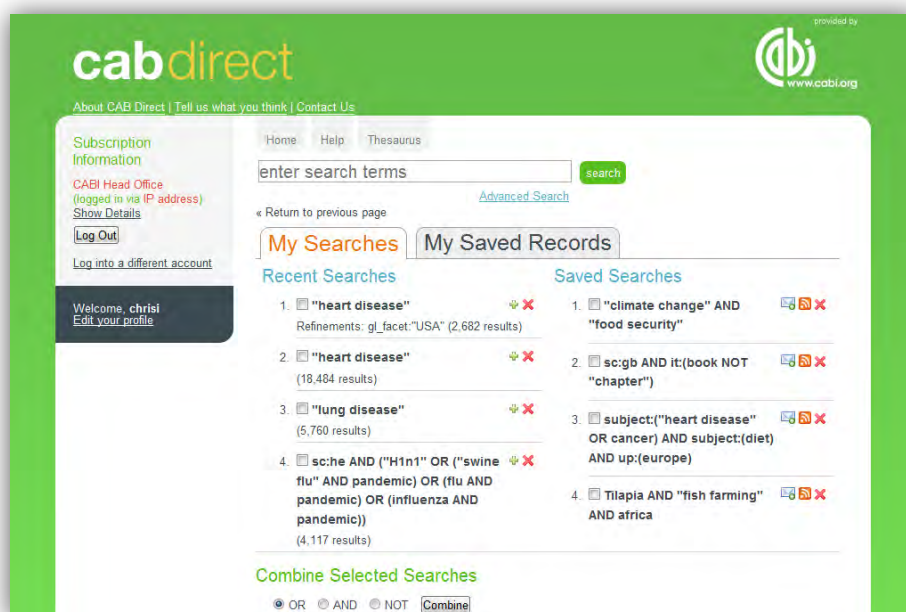
The screenshot shows the MyCABDirect registration page. The page has a green header with the "cabdirect" logo and the CABI logo. Below the header, there are navigation links: "Home", "Help", and "Thesaurus". A search bar is present with the placeholder text "enter search terms" and a "search" button. To the right of the search bar is a link for "Advanced Search". The main content area is titled "Register" and contains a registration form with the following fields: "Username", "Password", "Retype Password", and "Email". A "Register" button is located below the form. On the left side of the page, there is a sidebar with "Subscription Information" and a "Log Out" button. Below that, there is a grey box with the following links: "MyCABDirect", "About MyCABDirect", and "Create a free account". The footer of the page contains technical information, links, and the slogan "KNOWLEDGE FOR LIFE".

After you have filled in the details, click the **Register** button to create your account.



Each time you use CAB Direct, you can log in to your MyCABDirect account, by clicking the **MyCABDirect** link and entering your personal username and password. When you have logged into your account, you will be able to save selected records to **MyCABDirect**.

If you click the **MyCABDirect** link, you will be taken to your personalised, **MyCABDirect** page, where you will see all your recent searches. Here you will also be able to permanently save selected Search Histories, set up e-mail alerts and RSS feeds and view your saved records as shown in the screenshot below.



From this page, you can also combine searches or rerun searches simply by checking the boxes or clicking on the search statement of interest.

The **My Saved Records** allows you to manage and output saved records.



The screenshot shows the 'My Saved Records' interface. At the top, there are navigation links: 'About CAB Direct | Tell us what you think | Contact Us'. Below this is a search bar with the text 'enter search terms' and a 'search' button. There are also links for 'Home', 'Help', and 'Thesaurus'. A 'Return to previous page' link is visible. The main content area has two tabs: 'My Searches' and 'My Saved Records', with the latter being active. A list of 9 records is displayed, each with a checkbox on the right. The records are:

1. Adaptation to climate change through sustainable management and development of agroforestry systems.
2. Bovine excrement, amounts over estimated.
3. City tourism: national capital perspectives.
4. Climate change will affect the Asian water towers.
5. Diagnostic evidence for introduce of new soil type (sandy soils) into the Bulgarian Classification.
6. Human response and adaptation to drought in the arid zone: lessons from southern Africa.
7. Rainfall fluctuation and changing patterns of agriculture practices.
8. Sequestering carbon in soils of arid ecosystems.
9. Soil care and climate change.

At the bottom right of the list, there are options to 'Select: All / None', 'Selected records', 'Export Citations', 'Download MARC21 records', and 'Delete from MyCABDirect'.

At the bottom of the page, there are links for 'Technical Info | Links | Subject Map | Privacy Policy | Terms and Conditions' and the slogan 'KNOWLEDGE FOR LIFE'.