

<http://scholar.google.com/>

Searching Google Scholar

Google Scholar searches for scholarly material including books, journal articles, conference papers, chapters, and theses on a wide range of subjects. Results are sorted by relevance, based on fulltext matching, where it was published, who wrote it, and how often it has been cited. Please note, the tips and tricks described in this guide are subject to change.

Default search settings include:

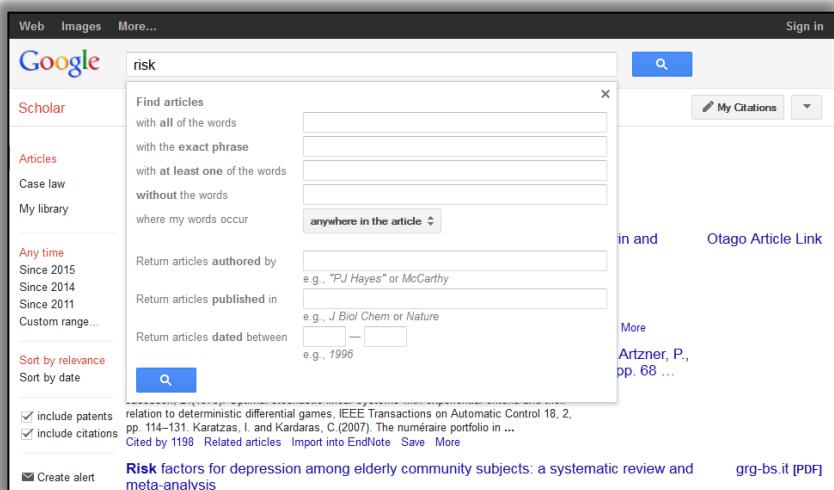
not case sensitive	capital letters of search terms are ignored
AND	search terms are automatically combined using AND
keyword	searches the fulltext of scholarly material, including citation and abstract

Options to refine your search include:

synonyms	Google automatically searches for matching and similar meaning words	tourism finds tourist
"phrase searching"	use quotation marks around phrases	"hearing loss"
OR	results include <i>either</i> search term. OR must be in capital letters	ipod OR mp3
exclude	use – immediately before a search term you want to exclude	ipod –itunes
include	use + immediately before automatically excluded search terms that you want included	+the
intitle:	finds results with your search term in the document title	intitle:mp3
author:	finds results with your search term as the document author	author:Jones
date range	to change from Any time , select an option from left side of the results screen	
document type	Choose Articles or Case law or My library , or deselect include patents	

Advanced Scholar Search

This screen offers further ways to refine your search, including searching within a specific publication.



The screenshot shows the Google Scholar advanced search interface. On the left, there's a sidebar with options like 'Web', 'Images', 'More...', 'Scholar' (selected), 'Articles', 'Case law', 'My library', and date range filters ('Any time', 'Since 2015', 'Since 2014', 'Since 2011', 'Custom range...'). Below that are 'Sort by relevance' and 'Sort by date' buttons. At the bottom of the sidebar are checkboxes for 'include patents' and 'include citations'. The main search area has a large search bar with the word 'risk'. To the right of the search bar are several dropdown menus and input fields for refining the search: 'Find articles with all of the words', 'with the exact phrase', 'with at least one of the words', 'without the words', 'where my words occur' (set to 'anywhere in the article'), 'Return articles authored by' (with a field for 'e.g., "PJ Hayes" or McCarthy'), 'Return articles published in' (with a field for 'e.g., J Biol Chem or Nature'), 'Return articles dated between' (with fields for 'e.g., 1996'). There are also 'More' and 'Otago Article Link' buttons. At the bottom of the search area, there's a link to 'Risk factors for depression among elderly community subjects: a systematic review and meta-analysis' and a PDF download link.

Click the arrow at the end of the search box to view the Advanced Scholar Search options.

For search tips click **About Google Scholar** then click **Search** for **Search Tips** on finding recent papers, and better results.

Locating fulltext via Otago Article Link

To search Google Scholar and locate fulltext via Otago Article Link;

1. Go to the **Library home page** <http://www.otago.ac.nz/library>
2. Click **Article Databases**
3. Click **Google Scholar** in the list of **Popular Databases** on the right side of the screen
4. Log in to Ezproxy with your University of Otago username and password

Note: If **Otago Article Link** does not display, click the **Settings** icon and click **Library Links** then enter *University of Otago* and click **Find Library**. Select (tick) all the University of Otago options that display then click **Save**.

Interpreting the results screen

The screenshot shows a Google Scholar search results page for the query "apples and oranges". The results include three items:

- [CITATION] Comparing apples and oranges by EH Blackstone - The Journal of Thoracic and Cardiovascular Surgery, 2002 - Mosby
- Ontology of folksonomy: A mash-up of apples and oranges by T Gruber - International Journal on Semantic Web and Information ..., 2007 - igi-global.com
- [PDF] Endoscopic management of bile duct stones;(apples and oranges). by PB Cotton - Gut, 1984 - gut.bmjjournals.org

Annotations on the left side of the results list:

- A box labeled "Link to other results, found by Google Scholar, that have cited this document" points to the first result.
- A box labeled "Link to other versions of this document found by Google Scholar" points to the second result.

Annotations on the right side of the results list:

- A box labeled "'Settings'" points to the "Settings" icon in the top right corner of the Google Scholar interface.
- A box labeled "Otago Article Link" points to the "Otago Article Link" button below the search bar.
- A box labeled "bmj.com [PDF] Otago Article Link" points to the PDF link for the third result.
- An arrow points from the "Otago Article Link" button to a detailed view of the third result on the right.

The detailed view on the right shows:

- University of Otago Library logo and search bar.
- Title: Ontology of Folksonomy
- Author: Thomas T Gruber
- Source: International journal on semantic web and information systems , 2007, Vol 3(1), p.1-11
- Status: Full text available
- Links: Available Online, Details, Open source in a new window, Gale Cengage Academic OneFile, Show license.
- Notes: Full text available at ProQuest Central New Platform, Show license, Available from 2007 until 2008.

Importing citations into EndNote

Before you begin searching:

1. Click the **Settings** icon and scroll down to the bottom of the screen
2. In the **Bibliography Manager** section, click **Show links to import citations into...**
3. Use the pull-down list to select **EndNote**
4. Click **Save**

When EndNote has been set as the preferred Bibliography Manager:

1. Enter your search terms and click **Search**
2. From the results, identify which citation you want to import into EndNote
3. Click **Import into EndNote** - a 'File Download' box will appear
4. Click **Open** and the citation will appear in your selected EndNote library

Creating email alerts

To create an email alert to let you know when new material on your topic has been added;
Either:

1. Search your topic then click the **Create email alert** icon
2. Check the **Alert query details**, then enter your **email address** and click **Create alert**

Or:

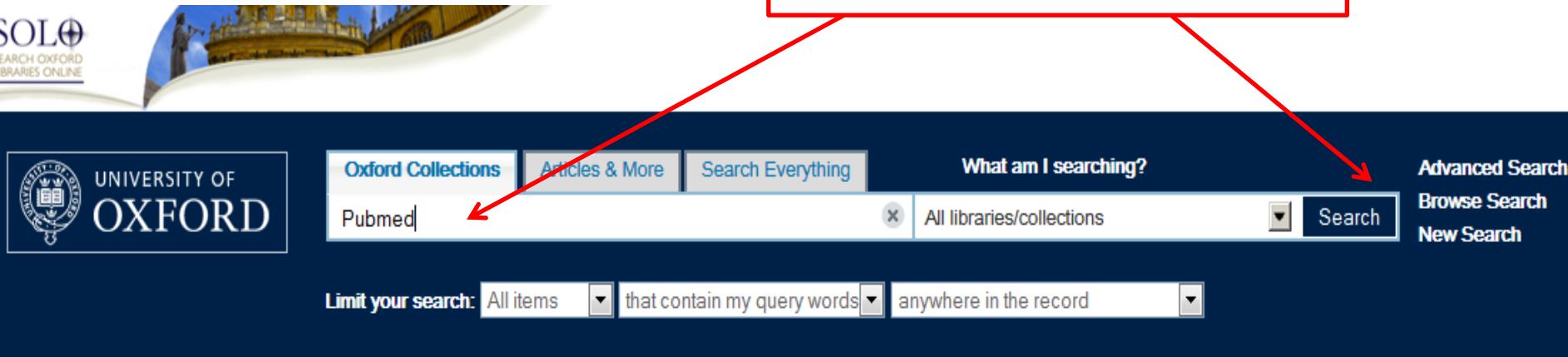
1. Click the **Alerts** icon on Google Scholar's front page
2. Sign in to your Google account (it is free to set up an account)
3. Click **Create alert** and fill in the alert details, then click **Create alert**

A step-by-step guide to searching PubMed...

...for articles on **electronic cigarettes**
as a **smoking cessation** technique

To search Pubmed you can go straight to
<http://www.pubmed.gov>

However, to go to PubMed with Oxford links go to SOLO
<http://solo.bodleian.ox.ac.uk> and search for PubMed



The screenshot shows the SOLO search interface. At the top, there's a banner with the text "SEARCH OXFORD LIBRARIES ONLINE" and an image of a classical building. Below the banner, the University of Oxford logo is displayed. The main search bar has tabs for "Oxford Collections", "Articles & More", and "Search Everything". The search term "Pubmed" is entered in the search bar. To the right of the search bar are buttons for "What am I searching?", "All libraries/collections", and a "Search" button. Below the search bar, there's a "Limit your search:" dropdown menu with options: "All items", "that contain my query words", and "anywhere in the record". On the far right of the header, there are links for "Advanced Search", "Browse Search", and "New Search". A red arrow points from the text above to the "Pubmed" search term in the SOLO interface.

Bodleian Library Special Collections

Moves of special collections into the Weston Library will take place until summer 2016 as material currently stored at other locations is transferred. During this period items can still be ordered as normal but please be aware that material may take up to 24 hours to arrive in the reading room and, on occasion, entire collections will be unavailable for up to 2 weeks whilst they are relocated.

For more information please see [Where to consult Special Collections](#) or email specialcollections.bookings@bodleian.ox.ac.uk to book material.

About SOLO

[Coverage](#)
[Feedback](#)
[Getting Help](#)
[SOLO Service Updates and Development](#)

Other Catalogues and Services

[Chinese Catalogues](#)
[Oxford Research Archive \(ORA\)](#)
[Special Collections catalogues](#)

Requests and Holds

[Request limits and Delivery Times](#)
[Library passwords](#)
[Contact us](#)

SOLO Live Help

Click on View Online to link through to PubMed

SOL+
SEARCH OXFORD LIBRARIES ONLINE

UNIVERSITY OF OXFORD

Oxford Collections Articles & More Search Everything What am I searching? Advanced Search
Pubmed All libraries/collections Search Browse Search New Search

Limit your search: All items that contain my query words anywhere in the record

Refine your results

Show only:

- Online Resources (71,332)
- Physical Items (11)

Refine further

Topic

- Humans (46,214)
- Female (21,373)
- Male (21,279)
- Animals (17,258)
- Adult (13,647)

Show 195 more Refine further

Results 1 - 10 of 71,343 for All libraries/collections

Show only Online Resources (71,332) Physical Items (11)

PubMed
United States National Library of Medicine (NLM)
United States National Library of Medicine (NLM)

Database Add to e-Shelf View Online Details Reviews & Tags

Journal of biomedicine and biotechnology [electronic resource]
National Institutes of Health (U.S.) PubMed Central
c2001-[2012] | [Cuyahoga Falls, OH] : Hindawi Pub. Corp. ; [Bethesda, MD : Available from : PubMed Central]

Journal Add to e-Shelf View Online Details Reviews & Tags More

We're going to start off by searching for the appropriate subject headings [MeSH] for our population

Click on MeSH Database to start this process

The screenshot shows the PubMed homepage. At the top, there is a search bar with the placeholder "Search". Below the search bar, there is a dropdown menu set to "PubMed" and a link to "Advanced" search. The main content area features a large image of an open book on the left and a dark blue sidebar on the right containing the text: "PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites." At the bottom of the page, there are three columns: "Using PubMed" (with links to Quick Start Guide, Full Text Articles, FAQs, Tutorials, and New and Noteworthy), "PubMed Tools" (with links to Mobile, Single Citation Matcher, Batch Citation Matcher, Clinical Queries, and Topic-Specific Queries), and "More Resources" (with links to MeSH Database, Journals in NCBI Databases, Clinical Trials, E-Utilities (API), and LinkOut).

PubMed COMMONS



Featured comment - Jun 29
Reviewing guidelines: Journal Cl...
[1.usa.gov/1N6krTh](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9500000/)

More Resources

- [MeSH Database](#)
- [Journals in NCBI Databases](#)
- [Clinical Trials](#)
- [E-Utilities \(API\)](#)
- [LinkOut](#)

Using PubMed

[PubMed Quick Start Guide](#)

[Full Text Articles](#)

[PubMed FAQs](#)

[PubMed Tutorials](#)

[New and Noteworthy](#) 

PubMed Tools

[PubMed Mobile](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[Topic-Specific Queries](#)

Type smoking into the search box
and click on search

NCBI Resources How To

MeSH

MeSH ▾ smoking

Limits Advanced

Search

MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.



Using MeSH

[Help](#)

[Tutorials](#)

More Resources

[E-Utilities](#)

[NLM MeSH Homepage](#)

1. A list of subject headings matching what you've typed into the box will be displayed

2. Select the appropriate subject heading and click on Add to search builder

The screenshot shows the NCBI MeSH search interface. A search term "smoking" has been entered into the search bar. The results page displays a list of subject headings:

- 1. Smoking
- 2. Smoking Cessation
- 3. Marijuana Smoking
- 4. Tobacco Use Cessation Products
- 5. Tobacco Smoke Pollution

A red arrow points from the first step's text to the "Smoking" entry in the list. Another red arrow points from the second step's text to the "Add to search builder" button in the PubMed Search Builder sidebar. A third red arrow points from the third step's text to the "Search PubMed" button in the same sidebar.

MeSH MeSH smoking Create alert Limits Advanced

Summary ▾ 20 per page ▾ Send to: ▾

Search results

Items: 6 Selected: 1

Smoking
1. Inhaling and exhaling the smoke of burning TOBACCO.

Smoking Cessation
2. Discontinuation of the habit of **smoking**, the inhaling and exhaling of tobacco smoke.
Year introduced: 1992

Marijuana Smoking
3. Inhaling and exhaling the smoke from CANNABIS.
Year introduced: 1988

Tobacco Use Cessation Products
4. Items used to aid in ending a TOBACCO habit.
Year introduced: 2012

Tobacco Smoke Pollution
5. Contamination of the air by tobacco smoke.
Year introduced: 1982

PubMed Search Builder

"Smoking Cessation" [Mesh]

Add to search builder AND Search PubMed

Find related data

Database: Select

Find items

Search details

"smoking" [MeSH Terms] OR smoking [Text Word]

A list of articles tagged with the subject heading “Smoking Cessation” will be displayed

Don’t start looking at these now. We’re going to look at searching for keywords in title & abstract. Click on Advanced

NCBI Resources How To

nia_wyn28 My NCBI Sign Out

PubMed "Smoking Cessation"[Mesh]

Create RSS Create alert Advanced

Summary ▾ 20 per page ▾ Sort by Most Recent ▾

Send to: ▾ Clipboard: 6 items

Filter your results:

- All (21438)
- University of Oxford (15517)
- Systematic Review (1273)

Manage Filters

New feature

Try the new Display Settings option - Sort by Relevance

Results by year

Download CSV

Titles with your search terms

The relationship between smoking cessation and mouth ulcers. [Nicotine Tob Res. 2004]

Electronic cigarettes for smoking cessation and reduction. [Cochrane Database Syst Rev. 2014]

Nicotine replacement therapy for smoking cessation. [Cochrane Database Syst Rev. 2012]

Article types

Clinical Trial

Review

Customize ...

Text availability

Abstract

Free full text

Full text

PubMed Commons

Reader comments

Trending articles

Publication dates

5 years

10 years

Custom range...

Species

Humans

Other Animals

[Clear all](#)

[Show additional filters](#)

Search results

Items: 1 to 20 of 21438

<< First < Prev Page 1 of 1072 Next > Last >>

1. Nicotine Replacement Therapy as a Maintenance Treatment.

Prochaska JJ. JAMA. 2015 Aug 18;314(7):718-9. doi: 10.1001/jama.2015.7460. No abstract available.

PMID: 26284723

[Similar articles](#)

2. Advancing the scientific basis of oral health education.

Levine R. Community Dent Health. 2015 Jun;32(2):66-7. No abstract available.

PMID: 26263596

[Similar articles](#)

3. Tobacco withdrawal in individuals suffering from mental disorders.

Keto J, Rautio N, Ylisaukko-oja T, Linden K, Koponen H. Duodecim. 2015;131(9):855-61. Finnish.

PMID: 26237884

[Similar articles](#)

4. Italian cardiologists and tobacco smoking. A survey on the prevalence and knowledge of smoking and strategies for **smoking cessation** in a cohort of Italian cardiologists.

Frisinghelli A, Cesana F, Clavario P, Mureddu GF, Temporelli PL, Cherubini A, Mocini D, Fioravanti P, Fattorioli F. G Ital Cardiol (Rome). 2015 Jul-Aug;16(7-8):426-32. doi: 10.1714/1954.21244. Italian.

PMID: 26228612

[Similar articles](#)

1. Type the terms or synonyms in separate search lines. We've used an * at the end of smok* to capture articles on smoker, smokers, smoking etc...

2. Click on the drop down menu to select OR

3. Click on the drop down menu to select Title/Abstract

NCBI Resources How To

nia_wyn28 My NCBI

PubMed Home More Resources Help

YouTube Tutorial

PubMed Advanced Search Builder

(smok*[Title/Abstract]) OR tobacco[Title/Abstract]

Edit Clear

Builder

Title/Abstract ▾ smok*

OR ▾ Title/Abstract ▾ tobacco

AND ▾ All Fields ▾

Show index list Show index list Show index list

Search or Add to history

4. Click on Add to history

History

Download history Clear history

Search	Add to builder	Query	Items found	Time
#2	Add	Search "Smoking Cessation"[Mesh]	21539	10:34:59
#0	Add	pubmed clipboard	68	08:22:30

1. We'll now look for cessation terms. Type the synonyms in separate search lines

2. Click on the drop down menu to select OR

3. Click on the drop down menu to select Title/Abstract

nia_wyn28 My NCBI

YouTube Tutorial

PubMed Advanced Search Builder

((cessation[Title/Abstract]) OR stop[Title/Abstract]) OR quit*[Title/Abstract]

Edit Clear

BUILDER

cessation

stop*

quit*

All Fields

Search or Add to history

History

Download history Clear history

Search	Add to builder	Query	Items found	Time
#3	Add	Search (smok*[Title/Abstract]) OR tobacco[Title/Abstract]	250077	10:36:46
#2	Add	Search "Smoking Cessation"[Mesh]	21539	10:34:59
#0	Add	pubmed clipboard	68	08:22:30

1. We're going to combine our smoking and cessation terms. Click on the Add link next to the #3 search. Click on the Add link next to the #4 link

2. Click on the drop down menu and change to OR

NCBI Resources How To nia_wyn28 My NCBI

PubMed Home More Resources Help

YouTube Tutorial

PubMed Advanced Search Builder

(((smok*[Title/Abstract]) OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract])

Edit Clear

Builder

All Fields (smok*[Title/Abstract]) OR tobacco[Title/Abstract] Show index list

OR All Fields ((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract] Show index list

AND All Fields Show index list

Search or Add to history

2. Click on Add to history

History Download history Clear history

Search	Add to builder	Query	Items found	Time
#4	Add	Search ((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract]	160809	10:39:59
#3	Add	Search (smok*[Title/Abstract]) OR tobacco[Title/Abstract]	250077	10:36:46
#2	Add	Search "Smoking Cessation"[Mesh]	21539	10:34:59
#0	Add	pubmed clipboard	68	08:22:30

1. We're now going to add the title and abstract search to the MeSH term to form a final smoking cessation set. Click on the Add link next to the #4 search. Click on the Add link next to the #5 link

2. Click on the drop down menu and change to OR

NCBI Resources How To S PubMed Home More Resources Help nia_wyn28 My NCBI

PubMed Advanced Search Builder YouTube Tutorial

(("Smoking Cessation"[Mesh]) OR (((smok*[Title/Abstract]) OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract]))

Edit Clear

Builder

All Fields "Smoking Cessation"[Mesh] Show index list

OR All Fields (((smok*[Title/Abstract]) OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract])) Show index list

AND All Fields Show index list

Search or Add to history

3. Click on Search

History Download history Clear history

Search	Add to builder	Query	Items found	Time
#5	Add	Search (((smok*[Title/Abstract]) OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract]))	380627	10:45:53
#4	Add	Search (((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract]))	160809	10:39:59
#3	Add	Search (smok*[Title/Abstract]) OR tobacco[Title/Abstract]	250077	10:36:46
#2	Add	Search "Smoking Cessation"[Mesh]	21539	10:34:59
#0	Add	pubmed clipboard	68	08:22:30

Don't start looking at these now . We first need to look for our electronic cigarettes keywords. Click on PubMed.gov

NCBI Resources How To

PubMed.gov US National Library of Medicine National Institutes of Health

PubMed Search Help

Article types Summary ▾ 20 per page ▾ Sort by Most Recent ▾ Send to: ▾ Clipboard: 6 items

Clinical Trial Review Customize ...

Text availability Abstract Free full text Full text

PubMed Commons Reader comments Trending articles Publication dates 5 years 10 years Custom range...

Species Humans Other Animals

[Clear all](#)

[Show additional filters](#)

:[Title/Abstract])) AND (((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract]))

Search Create RSS Create alert Advanced

Filter your results:

All (37107) University of Oxford (26569)
Systematic Review (1961)

Manage Filters

New feature Try the new Display Settings option - Sort by Relevance

Results by year Download CSV

Titles with your search terms How smoking affects blood pressure. [Blood Press. 1996]
Smoking and wound healing. [Am J Med. 1992]
The relationship between smoking cessation and mouth ulcers. [Nicotine Tob Res. 2004]

See more...

Search results

Items: 1 to 20 of 37107

<< First < Prev Page 1 of 1856 Next > Last >>

1. [Integration of tobacco cessation services into multidisciplinary lung cancer care: rationale, state of the art, and future directions.](#)
Warren GW, Ward KD.
Transl Lung Cancer Res. 2015 Aug;4(4):339-352. Review.
PMID: 26380175
[Similar articles](#)

2. [The Process of Cessation Among Current Tobacco Smokers: A Cross-Sectional Data Analysis From 21 Countries, Global Adult Tobacco Survey 2009-2013.](#)
Mbulu L, Palipudi KM, Nelson-Blutcher G, Murty KS, Asma S; Global Adult Tobacco Survey Collaborative Group.
Prev Chronic Dis. 2015 Sep 17;12:E151. doi: 10.5888/pcd12.150146.
PMID: 26378897
[Similar articles](#)

3. [E-cigarettes are losing ground among smokers and non-smokers.](#)
Al-Delaimy WK, Myers MG, Strong DR.
Am J Public Health. 2015 Sep 17:e1. [Epub ahead of print]
PMID: 26378864
[Similar articles](#)

4. [Intergenerational Patterns of Smoking and Nicotine Dependence Among US Adolescents.](#)
Kandel DB, Griesler PC, Hu MC.
Am J Public Health. 2015 Sep 17:e1-e10. [Epub ahead of print]
PMID: 26378847
[Similar articles](#)

We're going to search for the appropriate subject heading [MeSH] for our intervention

Click on MeSH Database to start this process

The screenshot shows the PubMed homepage. At the top, there is a search bar with the placeholder "Search" and a dropdown menu set to "PubMed". Below the search bar are links for "Advanced" search and "Help". To the right of the search area is a red box containing the text "Click on MeSH Database to start this process". A red arrow points from this text down to the "More Resources" section. The main content area features a large image of an open book on the left and a dark blue sidebar on the right with the text "PubMed". The sidebar describes PubMed's scope and includes a "Featured comment" link. Below the sidebar are sections for "Using PubMed" and "PubMed Tools", each with a list of links. The "More Resources" section at the bottom contains links to "MeSH Database", "Journals in NCBI Databases", "Clinical Trials", "E-Utilities (API)", and "LinkOut".

PubMed

US National Library of Medicine
National Institutes of Health

Advanced

Search

PubMed

PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

PubMed COMMONS

Featured comment - Jun 29
Reviewing guidelines: Journal C...
[1.usa.gov/1N6krTh](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9500000/)

Using PubMed

[PubMed Quick Start Guide](#)

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[PubMed FAQs](#)

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[New and Noteworthy](#)

PubMed Tools

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[Batch Citation Matcher](#)

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More Resources

[MeSH Database](#)

[Journals in NCBI Databases](#)

[Clinical Trials](#)

[E-Utilities \(API\)](#)

[LinkOut](#)

Type electronic cigarettes into the search box and click on search

The screenshot shows the NCBI MeSH search interface. At the top, there is a blue header bar with the NCBI logo, 'Resources', 'How To', 'nia_wyn28', 'My NCBI', and 'Sign Out' links. Below the header is a search bar with the text 'MeSH' and a dropdown menu set to 'MeSH'. The search term 'electronic cigarettes' is typed into the search input field. A red arrow points from the text 'Type electronic cigarettes into the search box and click on search' to the search input field. Another red arrow points from the same text to the 'Search' button, which is a blue rectangular button with white text.

MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.



Using MeSH

[Help](#)

[Tutorials](#)

More Resources

[E-Utilities](#)

[NLM MeSH Homepage](#)

1. An exact match for your search will appear

2. Click on Add to search builder

The screenshot shows the NCBI MeSH search interface. A red box highlights the search term 'electronic cigarettes' in the search bar. Below the search bar, the results for 'Electronic Cigarettes' are displayed. A red arrow points from the text 'An exact match for your search will appear' to the search results. Another red arrow points from the text 'Click on Add to search builder' to the 'Add to search builder' button in the PubMed Search Builder panel. A third red arrow points from the text 'Search for articles tagged with the subject heading by clicking on Search PubMed' to the 'Search PubMed' button in the same panel.

NCBI Resources How To nia_wyn28 My NCBI Sign Out

MeSH MeSH electronic cigarettes Create alert Limits Advanced Help

Full ▾

Electronic Cigarettes

Electronic devices that are designed to provide NICOTINE in the form of an inhaled aerosol. They typically are made in the shape of CIGARETTES in order to simulate the experience of CIGARETTE SMOKING.

Year introduced: 2015

PubMed search builder options

Subheadings:

adverse effects methods standards
 classification mortality statistics and numerical data
 economics organization and administration therapeutic use
 epidemiology pharmacology trends
 ethics psychology utilization
 instrumentation

Restrict to MeSH Major Topic.
 Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): J01.637.847.500
MeSH Unique ID: D066300
Entry Terms:

Send to: ▾

PubMed Search Builder

Add to search builder AND Search PubMed

YouTube Tutorial

Related information

PubMed
PubMed - Major Topic
Clinical Queries
NLM MeSH Browser

Recent Activity

Turn Off Clear

3. Search for articles tagged with the subject heading by clicking on Search PubMed

A list of articles tagged with the subject heading “Electronic Cigarettes” will be displayed

Don’t start looking at these now. We’re going to look at searching for keywords in title & abstract. Click on Advanced

NCBI Resources How To

nia_wyn28 My NCBI Sign Out

PubMed "Electronic Cigarettes"[Mesh] Search

Create RSS Create alert Advanced Help

Article types Clinical Trial Review Customize ... Text availability Abstract Free full text Full text PubMed Commons Reader comments Trending articles Publication dates 5 years 10 years Custom range... Species Humans Other Animals Clear all Show additional filters

Summary ▾ 20 per page ▾ Sort by Most Recent ▾ Send to: ▾ Clipboard: 6 items Filter your results: All (305) University of Oxford (237) Systematic Review (16) Manage Filters

Search results

Items: 1 to 20 of 305

<< First < Prev Page 1 of 16 Next > Last >>

1. [Vaping in the Workplace: E-Cigarettes and Your Smoking/Tobacco Policy.](#)
Schafer J.
J Mich Dent Assoc. 2015 May;97(5):24. No abstract available.
PMID: 26285523
[Similar articles](#)

2. [Association of Electronic Cigarette Use With Initiation of Combustible Tobacco Product Smoking in Early Adolescence.](#)
Leventhal AM, Strong DR, Kirkpatrick MG, Unger JB, Sussman S, Riggs NR, Stone MD, Khoddam R, Samet JM, Audrain-McGovern J.
JAMA. 2015 Aug 18;314(7):700-7. doi: 10.1001/jama.2015.8950.
PMID: 26284721
[Similar articles](#)

3. [e-Cigarette Use and Subsequent Tobacco Use by Adolescents: New Evidence About a Potential Risk of e-Cigarettes.](#)
Rigotti NA.
JAMA. 2015 Aug 18;314(7):673-4. doi: 10.1001/jama.2015.8382. No abstract available.

New feature Try the new Display Settings option - Sort by Relevance

Titles with your search terms

Electronic cigarettes for smoking cessation and reduction. [Cochrane Database Syst Rev. 2014]

Electronic cigarettes for smoking cessation: a randomised controlled trial. [Lancet. 2013]

Do electronic cigarettes impart a lower potential disease burden th [Laryngoscope. 2014]

See more...

1. Title/Abstract search for the keywords



(((electronic cigarette*[Title/Abstract]) OR e-cigarette*[Title/Abstract]) OR e-cigs[Title/Abstract])

[Edit](#) [Clear](#)

Builder

Title/Abstract	▼	electronic cigarette*	-	Show index list			
OR	▼	Title/Abstract	▼	e-cigarette*	-	Show index list	
OR	▼	Title/Abstract	▼	e-cigs	-	Show index list	
AND	▼	All Fields	▼		-	+	Show index list

Search or [Add to history](#)

2. Click on Add to history

1. We're now going to add the title and abstract search to the MeSH term to form a final electronic cigarettes set. Click on Add next to #8 repeat with Add next to #9

2. Select OR from the drop down menu

3. Click on Add to history

The screenshot shows the PubMed Advanced Search Builder interface. At the top, there's a navigation bar with links for NCBI, Resources, How To, PubMed Home, More Resources, Help, and a user account section. Below the navigation is the title "PubMed Advanced Search Builder". On the right side, there's a "YouTube Tutorial" link. The main area contains a search bar with the query: "(Electronic Cigarettes"[Mesh]) OR (((electronic cigarette*[Title/Abstract]) OR e-cigarette*[Title/Abstract]) OR e-cigs[Title/Abstract])". Below the search bar are two dropdown menus: one for "All Fields" containing "Electronic Cigarettes"[Mesh] and another for "OR" containing "((electronic cigarette*[Title/Abstract]) OR e-cigarette*[Title/Abstract]) OR e-cigs[Title/Abstract]". There's also an "AND" dropdown menu. At the bottom left, there are "Search" and "Add to history" buttons. A red arrow points from the "OR" dropdown to the "Add to history" button. The bottom section is a "History" table with columns for Search ID, Action, Query, Items found, and Time. The table lists several previous searches, including the current one and others related to smoking cessation and tobacco.

Search	Action	Query	Items found	Time
#9	Add	Search ((electronic cigarette*[Title/Abstract]) OR e-cigarette*[Title/Abstract]) OR e-cigs[Title/Abstract]	1145	10:55:37
#8	Add	Search "Electronic Cigarettes"[Mesh]	330	10:52:46
#6	Add	Search ("Smoking Cessation"[Mesh]) OR (((smok*[Title/Abstract]) OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract]))	382809	10:51:25
#5	Add	Search (((smok*[Title/Abstract]) OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract]))	380627	10:45:53
#4	Add	Search (((cessation[Title/Abstract]) OR stop*[Title/Abstract]) OR quit*[Title/Abstract])	160809	10:39:59
#3	Add	Search (smok*[Title/Abstract]) OR tobacco[Title/Abstract]	250077	10:36:46
#2	Add	Search "Smoking Cessation"[Mesh]	21539	10:34:59
#0	Add	pubmed clipboard	68	08:22:30

1. We're now going to create our final set, combining smoking cessation and electronic cigarettes. Click on Add next to #6, repeat with Add next to #10

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(((("Smoking Cessation"[Mesh]) OR (((smok*[Title/Abstract] OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract] OR stop*[Title/Abstract]) OR quit*[Title/Abstract]))) AND ("Electronic Cigarettes"[Mesh]) OR (((electronic cigarette*[Title/Abstract] OR e-cigarette*[Title/Abstract]) OR e-cigs[Title/Abstract])))

Edit Clear

Builder

All Fields ("Smoking Cessation"[Mesh]) OR (((smok*[Title/Abstract] OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract] OR stop*[Title/Abstract]) OR quit*[Title/Abstract]))) AND ("Electronic Cigarettes"[Mesh]) OR (((electronic cigarette*[Title/Abstract] OR e-cigarette*[Title/Abstract]) OR e-cigs[Title/Abstract]))

AND All Fields ("Electronic Cigarettes"[Mesh]) OR (((electronic cigarette*[Title/Abstract] OR e-cigarette*[Title/Abstract]) OR e-cigs[Title/Abstract]))

AND All Fields

Search or Add to history

2. Select AND from the drop down menu

3. Click on Search

History Download history Clear history

Search	Add to builder	Query	Items found	Time
#10	Add	Search ("Electronic Cigarettes"[Mesh]) OR (((electronic cigarette*[Title/Abstract] OR e-cigarette*[Title/Abstract]) OR e-cigs[Title/Abstract]))	1191	10:57:34
#9	Add	Search (((electronic cigarette*[Title/Abstract] OR e-cigarette*[Title/Abstract]) OR e-cigs[Title/Abstract]))	1145	10:55:37
#8	Add	Search "Electronic Cigarettes"[Mesh]	330	10:52:46
#6	Add	Search ("Smoking Cessation"[Mesh]) OR (((smok*[Title/Abstract] OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract] OR stop*[Title/Abstract]) OR quit*[Title/Abstract])))	382809	10:51:25
#5	Add	Search (((smok*[Title/Abstract] OR tobacco[Title/Abstract])) OR (((cessation[Title/Abstract] OR stop*[Title/Abstract]) OR quit*[Title/Abstract])))	380627	10:45:53
#4	Add	Search (((cessation[Title/Abstract] OR stop*[Title/Abstract]) OR quit*[Title/Abstract]))	160809	10:39:59
#3	Add	Search (smok*[Title/Abstract] OR tobacco[Title/Abstract])	250077	10:36:46
#2	Add	Search "Smoking Cessation"[Mesh]	21539	10:34:59
#0	Add	pubmed clipboard	68	08:22:30

You can now start screening your results...but, you might want to apply some limits to focus the search

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PubMed Create RSS Create alert Advanced

Article types Clinical Trial Review Customize ...

Text availability Abstract Free full text Full text

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Species Humans Other Animals

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Summary ▾ 20 per page ▾ Sort by Most Recent ▾ Send to: ▾ Clipboard: 6 items Filter your results: All (481) University of Oxford (373) Systematic Review (24) Manage Filters

<< First < Prev Page 1 of 25 Next > Last >>

Search results

Items: 1 to 20 of 481

⚠ The following term was not found in PubMed: blucig*[Title/Abstract].

1. E-cigarettes are losing ground among smokers and non-smokers.

Al-Delaimy WK, Myers MG, Strong DR. Am J Public Health. 2015 Sep 17:e1. [Epub ahead of print] PMID: 26378864 [Similar articles](#)

2. Electronic Cigarettes: Awareness, Recent Use, and Attitudes Within a Sample of Socioeconomically Disadvantaged Australian Smokers.

Twyman L, Bonevski B, Paul C, Bryant J, Gartner C, Guillaumier A. Nicotine Tob Res. 2015 Sep 16. pii: ntv183. [Epub ahead of print] PMID: 26377518 [Similar articles](#)

3. Daily e-cigarette use increases quit attempts and reduces smoking with no effect on cessation.

Naughton F. Evid Based Nurs. 2015 Sep 16. pii: ebnurs-2015-102173. doi: 10.1136/eb-2015-102173. [Epub ahead of print] No abstract available. PMID: 26376905 [Similar articles](#)

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Try the new Display Settings option - Sort by Relevance

Find related data

Database: Select [Find items](#)

Search details

("Smoking Cessation"[Mesh] OR (((smok[Title/Abstract] OR smok'n[Title/Abstract] OR smok1[Title/Abstract] OR smokable[Title/Abstract] OR smokalyser[Title/Abstract] OR

Click on 5 years to restrict to 2010 onwards

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PubMed ▾ arette*[Title/Abstract] OR ecig*[Title/Abstract] OR e-cig*[Title/Abstract] OR blucig*[Title/Abstract])|✖ Search Create RSS Create alert Advanced Help

Article types Clinical Trial Review Customize ... Text availability Abstract Free full text Full text PubMed Commons Reader comments Trending articles Publication dates 5 years 10 years Custom range... Species Humans Other Animals Clear all Show additional filters

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1. Al-Delaimy WK, Myers MG, Strong DR. Am J Public Health. 2015 Sep 17:e1. [Epub ahead of print] PMID: 26378864 [Similar articles](#)

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[Daily e-cigarette use increases quit attempts and reduces smoking with no effect on cessation.](#)

3. Naughton F. Evid Based Nurs. 2015 Sep 16. pii: ebnurs-2015-102173. doi: 10.1136/eb-2015-102173. [Epub ahead of print] No abstract available. PMID: 26376905 [Similar articles](#)

New feature Try the new Display Settings option - Sort by Relevance

Find related data Database: Select Find items

Search details ("Smoking Cessation" [Mesh] OR (((smok>Title/Abstract) OR smok'n>Title/Abstract) OR smok1>Title/Abstract) OR smokable>Title/Abstract) OR smokalyser>Title/Abstract) OR

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PubMed US National Library of Medicine National Institutes of Health

PubMed arette*[Title/Abstract]) OR ecig*[Title/Abstract]) OR e-cig*[Title/Abstract]) OR blucig*[Title/Abstract])

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E-cigarettes are losing ground among smokers and non-smokers.

- Al-Delaimy WK, Myers MG, Strong DR. Am J Public Health. 2015 Sep 17;115(9):1531-1537. [Epub ahead of print] PMID: 26378864 [Similar articles](#)
- Electronic Cigarettes: Awareness, Recent Use, and Attitudes Within a Sample of Socioeconomically Disadvantaged Australian Smokers. Twyman L, Bonevski B, Paul C, Bryant J, Gartner C, Guillaumier A. Nicotine Tob Res. 2015 Sep 16; pii: ntv183. [Epub ahead of print] PMID: 26377538 [Similar articles](#)

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15 Sep 16; pii: ebnurs-2015-102173. doi: 10.1136/eb-2015-102173. [Epub ahead of print] No

and Nicotine: More Than Blowing Smoke. Weaver MF. Pharmacother. 2015 Sep 16;1-9. [Epub ahead of print]

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2. Twyman L, Bonevski B, Paul C, Bryant J, Gartner C, Guillaumier A. Nicotine Tob Res. 2015 Sep 16. pii: ntv183. [Epub ahead of print] PMID: 26377518 [Similar articles](#)

[Daily e-cigarette use increases quit attempts and reduces smoking with no effect on cessation.](#)

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New feature

Try the new Display Settings option -
Sort by Relevance

Find related data

Database:

Search details

("Smoking Cessation"[Mesh] OR (((smok[Title/Abstract] OR smok'n[Title/Abstract] OR smok1[Title/Abstract] OR smokable[Title/Abstract] OR smokalyser[Title/Abstract] OR

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The following term was not found in PubMed: blucig*[Title/Abstract].

Am J Public Health, 2015 Sep 17:e1. [Epub ahead of print]

1. **E-cigarettes are losing ground among smokers and non-smokers.** Al-Delaimy WK¹, Myers MG¹, Strong DR¹. [Author information](#)

Abstract
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Text availability: Abstract, Free full text, Full text

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Species: Humans, Other Animals

Languages: ✓ English, Customize ...

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Search results:

1. **E-cigarettes are losing ground among smokers and non-smokers.**
Al-Delaimy WK¹, Myers MG¹, Strong DR¹.
Author information
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Twyman L¹, Bonevski B², Paul C³, Bryant J³, Gartner C⁴, Guillaumier A².

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Search results Items: 1 to 20 of 432 Selected: 2

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Search details

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Searching PubMed

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- [Searching PubMed by Author and Subject](#) (1 min., Dec 2014)
- [PubMed Simple Subject Search](#) (1 min., Dec 2014)
- [PubMed Simple Subject Search: How It Works](#) (1 min., Dec 2014)
- [Use MeSH to Build a Better PubMed Query](#) (3 min., YouTube video, February 2013)
- [PubMed: The Filters Sidebar](#) (2 min., YouTube video, December 2012)
- [Search for a Journal](#) (2 min., Dec 2014) - See also [Searching for Journals in the NLM Catalog](#)
- [Retrieving Citations from a Journal Issue](#) (1 min., Dec 2014)
- [Advanced Search Builder](#) (2 min., YouTube video, December 2011)

Managing Results

- [Changing Your Default Display Settings](#) (2 min., Dec 2014)

Links to Full Text (My NCBI)

Your library may use LinkOut Filters or Outside Tool to link from PubMed to full text articles. Ask your librarian.

- [Need the Full Text Article?](#) (2 min., YouTube video, revised April 2013)
- [Links to Full Text from Your Library \(Library LinkOut Filters\)](#) (3 min., Dec 2014)
- [Selecting Your Outside Tool Preference](#) (3 min., Dec 2014)

■ [E-cigarettes](#) are losing ground among [smokers](#) and [non-smokers](#).

1. Al-Delaimy WK, Myers MG, Strong DR. Am J Public Health. 2015 Sep 17:e1. [Epub ahead of print] PMID: 26378864 [Similar articles](#) [Item in clipboard](#)

■ [Electronic Cigarettes: Awareness, Recent Use, and Attitudes Within a Sample of Socioeconomically Disadvantaged Australian Smokers](#).

2. Twyman L, Bonevski B, Paul C, Bryant J, Gartner C, Guillaumier A. Nicotine Tob Res. 2015 Sep 16; pii: ntv183. [Epub ahead of print] PMID: 26377518 [Similar articles](#) [Item in clipboard](#)

■ [Daily e-cigarette use increases quit attempts and reduces smoking with no effect on cessation](#).

3. Naughton F. Evid Based Nurs. 2015 Sep 16; pii: ebnurs-2015-102173. doi: 10.1136/eb-2015-102173. [Epub ahead of print] No abstract available. PMID: 26376905 [Similar articles](#) [Item in clipboard](#)

Click on the Similar articles links from relevant articles to find other related studies

A few final tips...

If you have comments to make, or
need further help, please contact

nia.roberts@bodleian.ox.ac.uk

neal.thurley@bodleian.ox.ac.uk

Searching the Cochrane Library

Overview

This guide provides an overview of the Cochrane Library and discusses when best to use this resource. It outlines the content of the individual databases included in the site, and offers guidance on how to effectively search for the information you need.

The guide also demonstrates how to access, manage, and reference your search results.

In this guide

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The Databases

The Cochrane Library consists of several databases, each separately accessible from search results.

Cochrane Database of Systematic Reviews (CDSR)

A systematic review identifies an intervention for a specific disease or other problem in health care, and determines whether or not this intervention works. To do this authors locate, appraise and summarise evidence from as many relevant scientific studies as possible. They summarise conclusions about effectiveness, and provide a unique collation of the known evidence on a given topic.

Systematic reviews differ from other types of review in that they adhere to a strict design in order to make them more comprehensive, thus minimising the chance of bias, and ensuring their reliability. Rather than reflecting the views of the authors, or being based on a partial selection of the literature, (as is the case with many articles and reviews that are not explicitly systematic), they contain all known references to randomized and other controlled trials and other types of evidence on a particular intervention and a comprehensive summary of the available evidence. The reviews are therefore also valuable sources of information for those receiving care, as well as for doctors, decision makers and researchers.

Cochrane Central Register of Controlled Trials (CENTRAL)

CENTRAL includes details of published articles taken from bibliographic databases (notably Medline and Embase), and other published and unpublished sources. CENTRAL records include the title of the article, information on where it was published (bibliographic details) and, in many cases, a summary of the article. They do not contain the full text of the article.

Cochrane Clinical Answers

Cochrane Clinical Answers (CCAs) are designed to provide digestible, clinically-focussed information on a topic. Each CCA addresses a specific clinical question, and aims to provide the relevant evidence to healthcare professionals, assisting in decision making at the point-of-care.

Epistemonikos

Epistemonikos is a health evidence database that provides another useful source for systematic reviews and the linked primary studies. Accessible when using the Basic Search or browsing by topic, results from Epistemonikos appear under the **Other Reviews** tab of search results.

What is the Cochrane Library?

The Cochrane Library is a database of **systematic reviews** and other good quality evidence based healthcare information. A **review** is an attempt to synthesise the results and conclusions of two or more publications on a subject. A **systematic review** is a review which aims at a comprehensive overview of all the literature on a subject. It will pull together the results and conclusions of any studies in the field that satisfy certain standards of scientific rigour and technique.

The Cochrane Library is described as the best single source of reliable information on the effects of interventions in health care. It is designed to provide information and evidence to support decisions taken in health care and to inform those receiving care.

When to use the Cochrane Library

The whole of the Cochrane Library is concerned with the effectiveness of interventions for a given health care problem or in a particular health care situation.

The Cochrane Library **is useful** for answering the following types of queries:

- **What is the effectiveness of treatment X in condition Y?**
What is the effectiveness of aspirin in vascular dementia?
- **Is treatment A better than treatment B?**
Is there any evidence that clozapine is more effective in the treatment of schizophrenia than standard anti-psychotics?
- **What is an effective intervention to achieve outcome Z?**
What are the most effective strategies for stopping smoking?

The Cochrane Library **is not useful** for these types of questions:

- **General health care information**
Are there any new drugs for manic depression?
- **Statistical information**
What is the teenage pregnancy rate?
- **Cause, prognosis, epidemiology or risk factors for an illness**
What are the health effects of unemployment?
- **Guidelines**
- **Current research** (apart from systematic reviews and randomised controlled trials)

1. Accessing the Cochrane Library

The **Cochrane Library** is freely available on the web, and can be accessed at

<https://www.cochranelibrary.com/>

The screenshot shows the homepage of the Cochrane Library. At the top, it says "Access provided by: St George's University of London" and has language and sign-in options. Below that is a search bar with dropdowns for "Title", "Abstract", and "Keyword". There are "Browse" and "Advanced search" buttons. The main navigation menu includes "Cochrane Reviews", "Trials", "Clinical Answers", "About", and "Help". The main content area features a large image of medical professionals in a hospital setting. Text below the image reads "Fluid resuscitation in critically ill people: colloids versus crystalloids" and "Read the review". To the right, there are two smaller images: one of a child and another of an older man. Text next to the child image says "Prevention of acute malnutrition" and "Read the Special Collection". Text next to the man's image says "Doug Altman: a legacy to Cochrane and evidence synthesis" and "Read the Editorial".

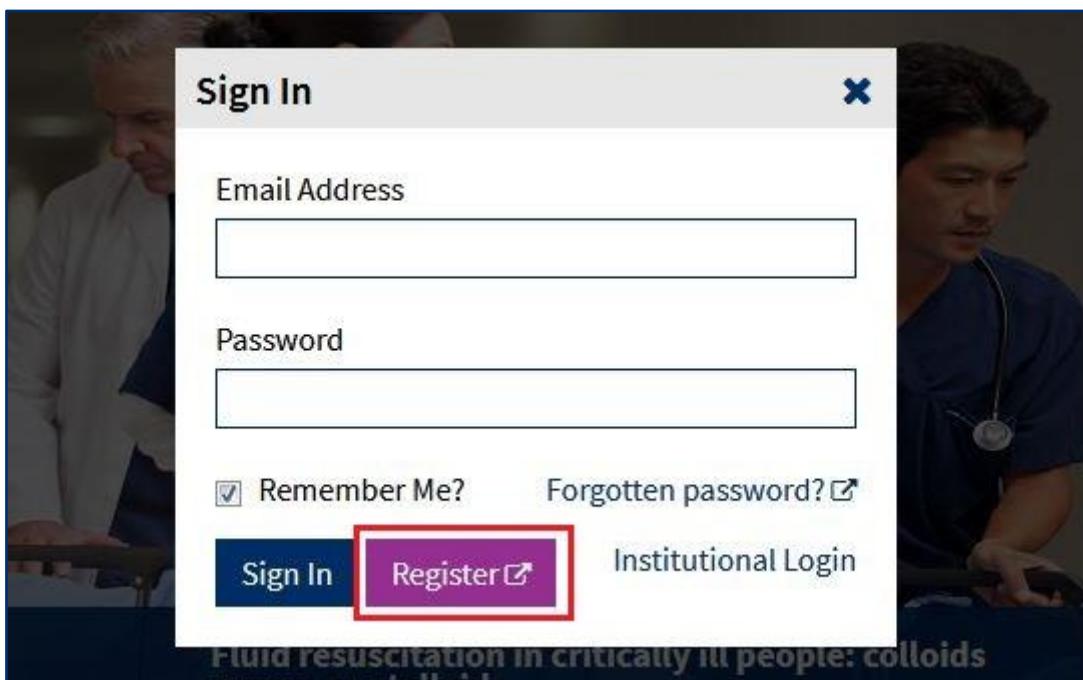
Alternatively look for the link to the Cochrane Library on **SGUL Library's A-Z list of databases**
<https://libguides.sgul.ac.uk/az.php>

2. Registering with the Cochrane Library

If you want to be able to save your searches for future reference you will need to **register** with the Cochrane Library.



Click to Sign In, and on the following pop up screen, click Register: A new window will open with a new user registration form.



3. The Homepage

From the Cochrane Library homepage enter keywords to perform a **search** (See page 8 for more details), or click on **Browse** to view Cochrane Reviews by Topic (See page 6 for more details).



The **About** tab includes links to more information about the Cochrane Library and about Cochrane Reviews.

The **Help** tab provides more information on how to search and provides contact details in case you encounter any problems.

Cochrane Reviews ▾ Trials ▾ Clinical Answers ▾ About ▾ Help ▾

Sam Edwards/gettyimages

How to use the Cochrane Library
Cochrane Library training
Access options
Permissions and reprints
Media information
Contact us
Complaints procedure
Terms and conditions
Known issues

In the middle section of the homepage there are links to **Highlighted Reviews**, **Editorials** and **Special Collections**.

Highlighted Reviews Editorials Special Collections

Methods for blood loss estimation after vaginal birth
Virginia Diaz, Edgardo Abalos, Guillermo Carroli
13 September 2018

Interventions for preventing falls in older people in care facilities and hospitals
Ian D Cameron, Suzanne M Dyer, Claire E Panagoda, Geoffrey R Murray, Keith D Hill, Robert G Cumming, Ngaire Kerse
7 September 2018

Impact of public release of performance data on the behaviour of healthcare consumers and providers
David Metcalfe, Arturo J Rios Diaz, Olubode A Olufajo, M. Sofia Massa, Nicole ABM Ketelaar, Signe A. Flottorp, Daniel C Perry
6 September 2018

Cochrane Interactive Learning
Learn how to conduct Cochrane Reviews with Cochrane Interactive Learning

4. Browsing the Cochrane Library

There are several ways of finding relevant material in the Cochrane Library. In order to demonstrate how to browse or search the Cochrane Library we will use the following search scenario as our example:

Search Scenario

Ear infection is common in **children**, but can occur at any age. The main symptoms are earache and feeling unwell. Painkillers are the main treatment. Antibiotics are not usually needed but are prescribed in some cases. The infection, which is present in the **middle ear**, usually clears within a few days.

In this worksheet we are looking for information on the effectiveness of **antibiotics** for **children** with **ear infections** (also known as **otitis media** or **acute otitis media**).

Does the research evidence base suggest that children who are prescribed antibiotics for otitis media benefit from this treatment?

Within the Cochrane Library, the **Cochrane Database of Systematic Reviews** can be browsed by **Topic**. This is the simplest way to look for relevant items, produced by different review groups.

In the top right of the homepage click on the link to **Browse**. This will open a list of topics.

Browse by Topic

Browse the *Cochrane Database of Systematic Reviews*

a	Allergy & intolerance	g	Gastroenterology & hepatology	n	Neonatal care
b	Blood disorders	h	Genetic disorders	o	Neurology
c	Cancer	i	Gynaecology	p	Orthopaedics & trauma
	Child health		Health & safety at work		Pain & anaesthesia
	Complementary & alternative medicine		Health professional education		Pregnancy & childbirth
	Consumer & communication strategies		Heart & circulation		Public health
d	Dentistry & oral health	j	Infectious disease	r	Rheumatology
	Developmental, psychosocial & learning problems	k	Kidney disease	s	Skin disorders
	Diagnosis	l	Lungs & airways	t	Tobacco, drugs & alcohol
e	Ear, nose & throat	m	Mental health	u	Urology
	Effective practice & health systems		Methodology	w	Wounds
	Endocrine & metabolic				
	Eyes & vision				

...or [Browse by Cochrane Review Group](#) ☰

Select **Ear, nose & throat** to view a list of results, and then use the **Topics** filters on the left of the page to refine your results as necessary. In this case, selecting **Ear** will provide more relevant results.

Topics	
Ear, nose & throat	
Ear 69	
Nose & sinus 55	
Cancer 20	
Pharynx 19	
Larynx 15	
Salivary gland 1	
Show 16 more ▾	

This will provide a further subset of narrower topics, from which you should choose the topic which most closely matches your enquiry. In this case, we are interested in **Acute otitis media**.

Topics	
Ear, nose & throat	
Ear	
Acute otitis media 13	
Chronic otitis media 12	
Hearing loss 12	
Tinnitus 10	
Meniere's disease 6	
Show 16 more ▾	

Clicking the link will let you see all reviews that have been carried out on this topic. If necessary, further limits such as publication date can be applied to the results. Clicking the title of a review will open the full-text in another window.

Publication date The last 3 months 0 The last 6 months 2 The last 9 months 3 The last year 4 The last 2 years 5 Custom Range: <input type="text" value="dd/mm/yyyy"/> to <input type="text" value="dd/mm/yyyy"/> <input type="button" value="Apply"/> <input type="button" value="Clear"/>	Cochrane Database of Systematic Reviews Issue 9 of 12, September 2018 <input type="checkbox"/> Select all (13) Export selected citation(s) Show all previews Order by Relevancy ▾ Results per page 25 ▾ 1 Once or twice daily versus three times daily amoxicillin with or without clavulanate for the treatment of acute otitis media Sangnansak Thanaviratananich, Malinee Laopalboon, Patravoot Vatanasapt Show Preview ▾ Intervention Review 13 December 2013 Free access 2 Short-course antibiotics for acute otitis media Anita L Kozyksyj, Terry P Klassen, Michael Moffatt, Krystal Harvey Show Preview ▾ Intervention Review 8 September 2010 3 Zinc supplements for preventing otitis media Anjana Gulani, Harshpal S Sachdev Show Preview ▾ Intervention Review 29 June 2014 New search Free access 4 Influenza vaccines for preventing acute otitis media in infants and children Mohd N Norhayati, Jacqueline J Ho, Mohd Y Azman Show Preview ▾ Intervention Review 17 October 2017 New search 5 Antibiotics for acute otitis media in children Roderick P Venekamp, Sharon L Sanders, Paul P Glasziou, Chris B Del Mar, Maroeska M Rovers Show Preview ▾ Intervention Review 23 June 2015 New search Free access 6 Grommets (ventilation tubes) for recurrent acute otitis media in children Loretta Lau, Paul Mick, Desmond A Nunez
--	--

5. Searching the Cochrane Library (Basic Search)

On the right hand side of the homepage you will see a search box which can be used to carry out a basic search of the whole Cochrane Library. Type your chosen terms into the box and select the magnifying glass button. (This is a keyword or “free-text” search)

For our example you might try **antibiotic*** and “**otitis media**” and **child*** (See page 12 for search tips)

The screenshot shows a search interface with a search bar containing the query "antibiotic* AND \"otitis media\" AND child*". Below the search bar are two buttons: "Browse" and "Advanced search".

The **search results** page displays relevant Cochrane Reviews as default, and provides a separate tab for viewing results from the other databases such as CENTRAL (Trials) or CCAs.

The **number of records** found in each database is displayed in brackets. (For example there are 23 Cochrane Reviews on our topic)

Other reviews is where you will find systematic reviews from **Epistemonikos**.

The screenshot shows the search results page for the query "antibiotic* AND \"otitis media\" AND child*". The results are filtered to show only Cochrane Reviews (23). The results list includes:

- 1. **Short-course antibiotics for acute otitis media** by Anita L Kozyrskyj, Terry P Klassen, Michael Moffatt, Krystal Harvey. Published in Cochrane Database of Systematic Reviews Issue 9 of 12, September 2018. Status: Intervention Review. Date: 8 September 2010.
- 2. **Antibiotics for otitis media with effusion in children** by Roderick P Venekamp, Martin J Burton, Thijs MA van Dongen, Geert J van der Heijden, Alice van Zon, Anne GM Schilder. Published in Cochrane Database of Systematic Reviews Issue 9 of 12, September 2018. Status: Intervention Review. Date: 12 June 2016.
- 3. **Xylitol for preventing acute otitis media in children up to 12 years of age** by Amir Azarpazhooh, Herenia P Lawrence, Prakeshkumar S Shah. Published in Cochrane Database of Systematic Reviews Issue 9 of 12, September 2018. Status: Intervention Review. Date: 3 August 2016.
- 4. **Influenza vaccines for preventing acute otitis media in infants and children** by Mohd N Norhayati, Jacqueline J Ho, Mohd Y Azman. Published in Cochrane Database of Systematic Reviews Issue 9 of 12, September 2018. Status: Intervention Review. Date: 17 October 2017.

Search Tips

- Use this truncation symbol: * to search on the stem of a word, for example **antibiotic*** will find antibiotic or antibiotics
- Use double-quotes to search for phrases, for example “**otitis media**” will look for those two words only when they appear directly next to each other
- Use AND to narrow your search to results where all terms appear
- Use OR to broaden your search to include alternative terms, for example “ear infection*” or “otitis media”
- Use the drop down menu on the right to specify where you want to search, for example **Record title** will search for the terms in review titles only.

6. Viewing and navigating your results

When you find a review that you want to look at more closely, click on the title.

This will open a new page with further bibliographic details, to the right of which you will see links to different sections of the Review.

The default display is the **Abstract**, which outlines what the review is about. Below this is a **Plain Language Summary** which can be very useful for gaining a quick summary of a review and its findings.

The screenshot shows a Cochrane Systematic Review page for the intervention 'Once or twice daily versus three times daily amoxicillin with or without clavulanate for the treatment of acute otitis media'. The page includes a navigation menu on the right with options like View PDF, Cite this Review, Request Permissions, Comment on Review, Read comments on this Review(1), Print, Share, and Email. A red box highlights the 'Abstract' section, which contains links to Plain language summary, Authors' conclusions, Background, Objectives, Methods, Results, Discussion, Appendices, Information, Authors, History, Keywords, and Translation notes.

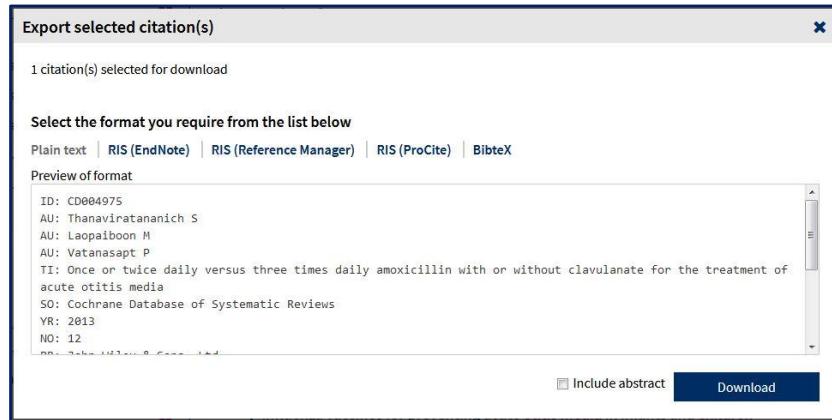
Reviews are large documents so it is best to use the links to view specific parts of the review. If you do wish to **print** out the full review there is an option for this above the navigation links.

7. Exporting your results

To export your results as a file that you can save on your PC, tick the box to the left of the reference(s) of interest or click on **Select All** to select all results found, and click on **Export selected citations**.

The screenshot shows a search results page for 'antibiotic* AND "otitis media" AND child*' in Title Abstract Keyword*. The page includes a 'Select all (23)' button, an 'Export selected citation(s)' button (which is highlighted with a red box), and a 'Show all previews' link.

From the resulting dialogue window that opens, select the preferred format for your citations and click **Download**.



You can also download citations for individual reviews whilst viewing them, by using the **Cite this Review** link.

8. Advanced search options

The Cochrane Library is a relatively small database and a basic search will probably suffice in most cases. Should you wish to explore the more advanced search options, however, the following pages give an introduction on how to use them.

The **Advanced Search** option is located underneath the basic search box on the Cochrane Library Homepage. Click on this to see advanced search options.



The following page will appear, with three tabs to choose from.

Search

This default tab can be used to build a search by combining search terms using **AND** or **OR**. (See page 12 for explanation of combining terms)

Search Manager

Use this for complex searches. It also enables you to include MeSH terms in your strategy and to save your search.

The screenshot shows the 'Search manager' tab selected. There is a search bar with placeholder text: 'Manually type a search term here or click on the S (Search Wizard) or MeSH button to compose one.' Below the search bar are buttons for '+', '-' (to remove terms), '#1' (to select the first term), and 'Clear all'. To the right of the search bar are buttons for 'Save this search', 'View saved searches', 'Print', 'S▼', 'MeSH▼', '▼', 'N/A', and a checkbox for 'Highlight orphan lines'.

Medical Terms (MeSH)

The Cochrane Library utilises a thesaurus, developed by the National Library of Medicine, called MeSH (Medical Subject Headings). The thesaurus is a set of terms used to describe medical concepts, and its hierarchical nature helps to define the relationship between the terms. Indexing articles in this way allows you to perform a more targeted search.

The screenshot shows the 'Medical terms (MeSH)' tab selected. It has two input fields: 'Enter MeSH term' and 'Select subheadings / qualifiers'. To the right of these fields are buttons for 'View saved searches', 'Search help', 'Look up', and 'Clear'.

9. Searching the Cochrane Library (Advanced search)

The default option in **Advanced search** is the **Search Tab**. This allows you to carry out more complex searches than the basic search option.

Under the **Search** tab, type “**otitis media**” **OR** “**ear infection**” into the search box. This will search for either of these terms within the **Title and Abstract** and look for them as keywords.

Click on the **+** icon underneath the left hand side of the search box to include another term in your search.

Select **AND** or **OR** to combine your first and second line of searches

In our example we type **antibiotic*** into the second search box and combine with **AND** as we are interested in records that talk about otitis media AND antibiotics.

Use the second drop down menu to specify what part of the record you want the database to search. It is usually most helpful to search within **Title Abstract Keyword**.

We can add a third line to specify we are interested in only articles that deal with infection in children, using **child***. Our complete search would look like the example below:

Search | Search manager | Medical terms (MeSH)

Save search | View searches | ? Search help

- Title Abstract Keyword "otitis media" or "ear infection"
 - AND Title Abstract Keyword antibiotic*
 - AND Title Abstract Keyword child*

(Word variations have been searched)

+ Search limits | Send to search manager | Run search

Click on **Search limits** to see options for limiting your search.

Search limits

Content type

- Cochrane Reviews
- Cochrane Protocols
- Trials
- Clinical Answers
- Editorials
- Special collections

CENTRAL Trials only

Original publication year

- All years
- Between and

Search word variations
(e.g. "paid" will find pay, pays, paying, payed)

Cochrane Library publication date

- All dates
- The last month
- The last 3 months
- The last 6 months
- The last 9 months
- The last year
- The last 2 years
- Between and

Cochrane Group

Choose Cochrane Group

Clear | Apply limits

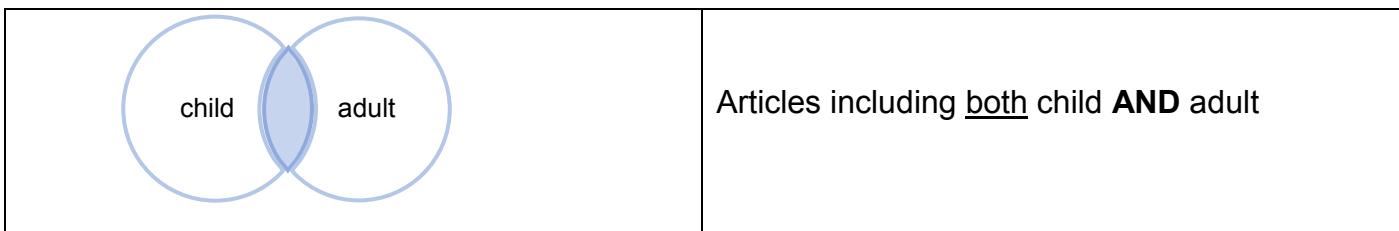
You can limit by:

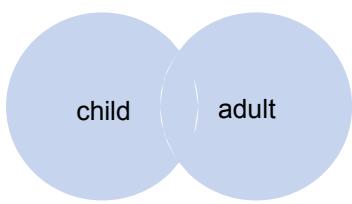
- **publication date**, for example, articles published between 2008 and 2018
- **content type** for example, Cochrane Reviews only

9. Combining search terms and further advanced search tips

Combining search terms

AND / OR are used by databases and search engines to combine your search terms. The diagrams below explain how and when to use **AND / OR**





Articles including either child **OR** adult

Further Search tips

- Some alternative spellings are automatically searched (for example, tumor/tumour), but to be certain of catching them, use internal truncation, for example, **isch*mic** to find ischaemic or ischemic.
- Use brackets to control the order in which the search executes, if you are using a combination of AND and OR, for example, **magnesium AND (eclampsia OR perinatal asphyxia)**
- NEAR can be used instead of AND to narrow your search. For example **smoking NEAR pregnancy** will find the two words within 6 words of each other in either order, so is more specific than using AND. NEAR/n will find the words within n words of each other in either order, for example, NEAR/4.

10. Using search manager

Using the **Search Manager** allows you to more easily build and save complex search strategies.

Enter your first search term and then click **Continue**. On the right hand side, you will see the number of results that match your criteria, and an additional line will automatically be added for you to type your next search term.

Search Line	Count
#1 "otitis media" or "ear infection"	2566
#2 antibiotic*	25126
#3 child*	134646
#4 #1 and #2 and #3	565

Combine results by typing the number of the search with an operator (e.g., AND or OR). If we want results including all of the terms in the above search, we would type #1 AND #2 AND #3

To view the results for a search, click on the number to the right of the search line.

Below your search you will see the option to **Save this search**. Give your search a name, make any comments you want and click **Save this search** (You must have registered and be logged in to the Cochrane Library to do this. See page 4).

Once you have saved a search, you will be able to access it by clicking on **View saved searches**.

11. Using Medical terms (MeSH) search

What are Medical Subject Headings (MeSH terms)?

MeSH terms are assigned to Cochrane reviews within the Cochrane Library. These are controlled index terms and can be very effective in searching for very precise and targeted results. (They are also used in other databases such as Medline and Pubmed)

The MeSH search allows searching using the MeSH terms and the tree structures. When you search with a MeSH term the database will bring back all articles that have been indexed as being about that term.

The MeSH Thesaurus is organized hierarchically in “**trees**”, with the lower levels of the trees containing more specific terms.

MeSH Trees

MeSH term - **Otitis**

- Explode all trees
- Single MeSH term (unexploded)
- Explode selected trees

Tree number 1

Otorhinolaryngologic Diseases [+6]

- Ear Diseases [+15]**
 - Cholesteatoma, Middle Ear
 - Congenital Microtia
 - Ear Deformities, Acquired
 - Ear Neoplasms
 - Earache
 - Hearing Disorders [+3]
 - Herpes Zoster Oticus
 - Labyrinth Diseases [+4]
 - Myringosclerosis
 - Otitis [+3]

To search using MeSH, once in **Advanced search**, click on the **Medical Terms (MeSH)** tab.

Type your search term into the box. If you click your cursor into the **Select subheadings / qualifiers** box, you will be provided with common search filters.

Search Search manager Medical terms (MeSH)

Otitis Media

Select subheadings / qualifiers

- abnormalities - AB
- administration & dosage - AD
- adverse effects - AE
- agonists - AG
- analogs & derivatives - AA
- analysis - AN
- anatomy & histology - AH
- antagonists & inhibitors - AI

View saved searches ? Search help

Look up Clear

You can filter your search term using these **MeSH qualifiers** if you wish. However, to keep your search as broad as possible simply click **Look up**.

This will display lots of information on your chosen MeSH term. You may wish to click on a link to search with a broader or narrower term as appropriate.

Use the **MeSH trees** section to “explode” (widen) or narrow your search: In our example **Explode all trees** will expand the search to look for articles indexed under Otitis media **or** any of the 4 narrower terms underneath.

Selecting **Single MeSH term (unexploded)** will search for articles under Otitis Media only and omit any indexed under the narrower terms.

The screenshot shows the MeSH search interface. At the top, there's a search bar with 'Otitis Media' and a 'Look up' button. Below the search bar are sections for 'Definition' and 'Thesaurus Matches'. The 'MeSH Trees' section is highlighted with a red box; it contains options: 'MeSH term - Otitis Media' (radio button selected), 'Explode all trees', 'Single MeSH term (unexploded)' (radio button unselected), and 'Explode selected trees'. A 'Select' button is next to the 'Single MeSH term' option. Below this is a 'Tree number 1' checkbox, which is checked. Underneath are expanded categories: 'Otorhinolaryngologic Diseases [+6]' (with 'Ear Diseases [+15]', 'Otitis [+3]', 'Labyrinthitis', 'Otitis Externa', 'Otitis Media [+4]', 'Mastoiditis', 'Otitis Media, Suppurative', 'Otitis Media with Effusion', and 'Petrositis'). To the right, a 'Search Results' box shows '1094 results' for 'MeSH descriptor: Otitis Media' and 'Explode all trees'. It includes links for 'Add to search manager', 'Trials' (1063), 'Cochrane Reviews' (31), 'Save search', and 'View results'.

On the right hand side of the page you can see your **Search results**, below which you can see in advance the number of results from each database.

To combine your MeSH term with other terms in your search click **Add to Search Manager**. (See page 13)

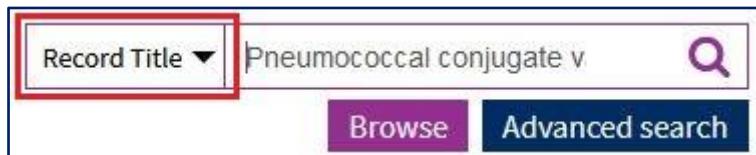
To view the results of your MeSH search click **View Results**, or you can save your search if you are logged in to the Cochrane Library. (see page 4)

12. Locating a review in the Cochrane Library identified from a search elsewhere

If when searching another database, such as Medline, you retrieve a reference to a systematic review originally published in the Cochrane Library, you can visit the Cochrane Library and retrieve the full review.

Fortanier AC, Venekamp RP, Boonacker CWB, Hak E, Schilder AGM, Sanders EAM, Damoiseaux RAMJ. **Pneumococcal conjugate vaccines for preventing otitis media.**

In the **Search** box, type in a few words from the title and change the drop down menu to search within the **Record Title**. To locate the above item, search for **Pneumococcal conjugate vaccines**.



13. Referencing from the Cochrane Library

From the main page of any systematic review, clicking on the **Cite this Review** link to the right of the title and author details will provide the necessary details to reference the review.

Cochrane Database of Systematic Reviews
Pneumococcal conjugate vaccines for preventing otitis media
Cochrane Systematic Review - Intervention | Version published: 02 April 2014 [see what's new](#)

New search Conclusions changed 10 [View article information](#)

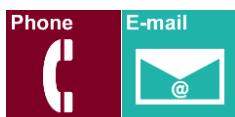
Alexandre C Fortanier | Roderick P Venekamp | Chantal WB Boonacker | Eelko Hak | Anne GM Schilder
| Elisabeth AM Sanders | Roger AMJ Damoiseaux
[View authors' declarations of interest](#)

[View PDF](#) [Cite this Review](#) [Request Permissions](#) [Comment on Review](#) [Read comments on this Review\(0\)](#)

[Print](#) [Share](#) [Email](#)

Further help and support

For further help or advice, contact a member of the NHS Liaison team on the details below.



NHS Library Contacts:

Karen John-Pierre
NHS and Liaison Manager
Tel: 020 8725 5433
kjohn@sgul.ac.uk

Stephen Reid
NHS Liaison Support Librarian /OpenAthens Administrator
Tel: 020 8725 5433
sreid@sgul.ac.uk



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Cochrane Library - Basic Search

What is the Cochrane Library?

The Cochrane Library is a collection of six databases that contain different types of high-quality, independent evidence to inform healthcare decision-making:

- **Cochrane Database of Systematic Reviews**
- Cochrane Central Register of Controlled Trials
- Cochrane Methodology Register
- Database of Abstracts of Reviews of Effects
- Health Technology Assessment Database
- NHS Economic Evaluation Database

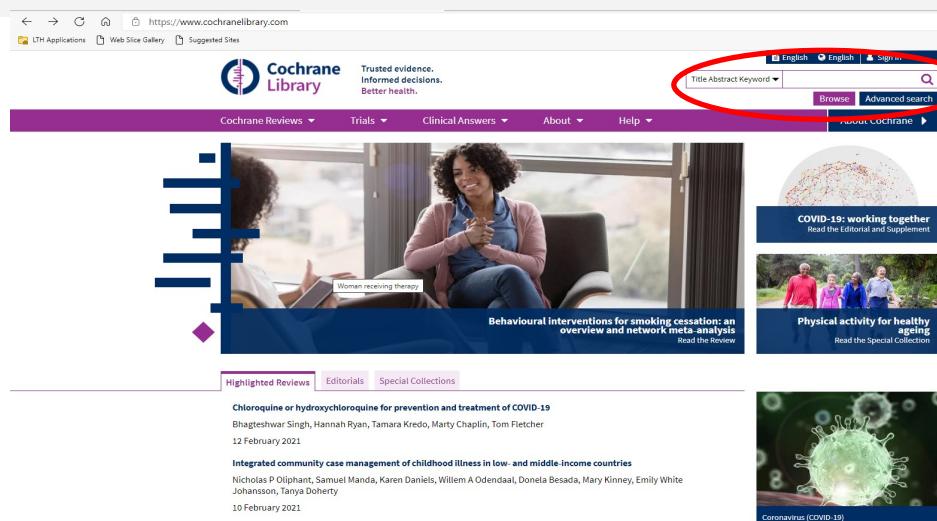


The **Cochrane Database of Systematic Reviews** is the main database. Cochrane Systematic Reviews investigate the effects of interventions for prevention, treatment and rehabilitation in healthcare settings. They follow stringent guidelines and are widely recognised as the **gold standard** in evidence-based healthcare.

How do I access the Cochrane Library?

Go to: www.thecochranelibrary.com or access it via the library services intra- or internet pages.

Basic Search



The screenshot shows the homepage of the Cochrane Library. At the top, there's a navigation bar with links for LTH Applications, Web Slice Gallery, Suggested Sites, Cochrane Reviews, Trials, Clinical Answers, About, Help, and Sign in. Below the navigation is a search bar with the placeholder "Title Abstract Keyword". To the right of the search bar are buttons for "Browse", "Advanced search", and "About Cochrane". The main content area features a large image of a woman receiving therapy, a section titled "Behavioural interventions for smoking cessation: an overview and network meta-analysis", and a sidebar with links for "COVID-19: working together" and "Physical activity for healthy ageing". At the bottom, there are sections for "Highlighted Reviews", "Editorials", and "Special Collections", along with news items about COVID-19 and community case management.

For a basic search, type in your **keywords** and click on the search icon. This will search the title and abstract.

Author: Zareena Mulla

Created: February 2021 **Review Date:** February 2022

Browse by Topic

Browse the Cochrane Database of Systematic Reviews...

A	G	P
Allergy & intolerance	Gastroenterology & hepatology	Pain & anaesthesia
B	Genetic disorders	Pregnancy & childbirth
Blood disorders	Gynaecology	Public health
C	H	Rheumatology
Cancer	Health & safety at work	Skin disorders
Child health	Heart & circulation	Tobacco, drugs & alcohol
Complementary & alternative medicine	I	
Consumer & communication strategies	Infectious disease	

Or scroll to the bottom of the page to **Browse by Topic**.

Topics are organized A-Z.

Results

It will tell you **how many results** have been found from your search

Access a Cochrane Review by clicking on its **title**

Filter your results

Date
Publication date
The last 3 months 1
The last 6 months 2
The last 9 months 8
The last year 12
The last 2 years 33
Custom Range: dd/mm/yyyy to dd/mm/yyyy
Apply Clear

Status
New search 53
Conclusions changed 15

Language
Español 140
Show 13 more ▾

Type
Intervention 167
Diagnostic 20
Overview 1

Topics
Mental health 164
Neurology 150

188 Cochrane Reviews matching dementia in Title Abstract Keyword

Cochrane Database of Systematic Reviews
Issue 10 of 12, October 2019

Select all (188) Export Selected citation(s) Show all previews

Order by Relevancy ▾

Results per page 25 ▾

1 Nilotriptid for dementia
Dong-Hao Lu, Huan Song, Zilong Hao, Taixiang Wu, Jenny McCleery
Intervention: Review 7 December 2011
Show preview ▾

2 Omega-3 fatty acids for the treatment of dementia
Marion Burckhardt, Max Herke, Tobias Wustmann, Stefan Watzke, Gero Langer, Astrid Fink
Intervention: Review 11 April 2016 Free access
Show preview ▾

3 Cognitive reframing for carers of people with dementia
Myriam Verwoerd-Dassen, Irena Draskovic, Jenny McCleery, Murna Downs
Intervention: Review 9 November 2011
Show preview ▾

4 Traditional Chinese herbal medicine for vascular dementia
Edwin SY Chan, Dianne T Bautista, Yanan Zhu, Yong You, Jian Ting Long, Wenyun Li, Christopher Chen
Intervention: Review 6 December 2018
Show preview ▾

5 18F PET with flutemetamol for the early diagnosis of Alzheimer's disease dementia and other dementias in people with mild cognitive impairment (MCI)
Gabriel Martinez, Robin WM Verhaag, Paulina Fuentes Padilla, Javier Zamora, Leon Flicker, Xavier Bonfill Cosp
Diagnostic: Review 22 November 2017 Free access
Show preview ▾

6 18F PET with florbetapir for the early diagnosis of Alzheimer's disease dementia and other dementias in people with mild cognitive impairment (MCI)
Gabriel Martinez, Robin WM Verhaag, Paulina Fuentes Padilla, Javier Zamora, Xavier Bonfill Cosp, Leon Flicker

Filter your results by publication date, status, language, review type or topic

Sort results by relevancy, A-Z or by date

Advanced Search

Search title, abstract, keyword

Browse Advanced Search

Title Abstract Keyword Type a search term
Add Title Abstract Keyword Type a search term
+
Clear all

Search limits Send to search manager Run search

Click on 'Advanced Search' on the main homepage. This will give you more search options & limits.

Navigating a Cochrane Review

The screenshot shows a Cochrane review page. At the top, there's a navigation bar with links for Cochrane Reviews, Trials, Clinical Answers, About, and Help. The main content area is titled 'Ayurvedic treatments for diabetes mellitus'. It includes sections for Abstract, Background, Objectives, and Methods. A sidebar on the right provides options like 'View PDF', 'Cite this Review', and a detailed table of contents for the review. Below the main content, there are several callout boxes with arrows pointing to specific features:

- A teal box points to the 'Abstract' section with the text: "Read the **abstract** to find out more about the review".
- A teal box points to the sidebar table of contents with the text: "Jump to specific sections within the review, such as objectives, methods, results etc."
- A teal box points to the 'Print', 'Share', and 'Follow' buttons with the text: "Print, share or follow on social media".
- A teal box points to the 'View PDF' button with the text: "Read, print or save the full review as a PDF document".
- A teal box points to the 'PDF Options' sidebar with the text: "You have different PDF options - download just a quick **summary**, the **standard** version, or the **full** version of the review".

Tip: read the
plain language summary
for a brief outline of the review

Tip: Want to know more?
Access the **help pages** through the tab
on the Cochrane Library homepage

Help ▾

If you are experiencing any problems, or would like further training, please contact the library:
Tel: 01772 524763 or Email: library.rph@lthtr.nhs.uk

Database Syntax Guide

Cochrane Library		
AND		Includes both terms
OR		Includes either both, the one or the other term
NOT		Use to exclude term(s)
MeSH descriptor	Subject Heading	Index term added to an article record and (normally) describing the content of the article
:ti	Title word	
:ab	Abstract word	
:kw	Key words (MeSH and other)	
*	Truncation	Adds none or more characters
?	Truncation/wild card	Adds one character
NEAR/n	NEAR operator	Requires words are adjacent with <i>n</i> words in between – regardless of word order
NEXT	NEXT operator	Requires words are adjacent to each other in the order typed in
"..."	Double quotation mark	Exact phrase searching (phrase searching does not support wildcards or truncation – use NEXT instead)
CSA databases		
AND		Includes both terms
OR		Includes either both, the one or the other term
NOT		Use to exclude term(s)
DE=	Descriptor	
TI=	Title word	
AB=	Abstract word	
*	Truncation	Adds none or more characters
EbscoHost databases		
AND		Includes both terms
OR		Includes either both, the one or the other term
NOT		Use to exclude term(s)
MH	CINAHL Heading	Index term added to an article record and (normally) describing the content of the article
MH+	Exploded CINAHL Heading	Will include narrower terms to the CINAHL heading being exploded, i.e. those terms underneath in the hierarchy of indexing terms
PT	Publication type	
?	Wildcard	Adds one character
*	Truncation	Adds none or more characters
Nn	Near operator	N5 finds the words if they are within five words of one another regardless of word order
Wn	Within operator	W5 finds the words if they are within five words of one another and in the order typed in
"..."	Double quotation mark	Exact phrase searching
Web of Science		
AND		Includes both terms

OR		Includes either both, the one or the other term
NOT		Use to exclude term(s)
*	Truncation	Adds none or more characters
LILACS (VHL) IAHx and iAH		
AND		Includes both terms
OR		Includes either both, the one or the other term
NOT		Use to exclude term(s)
\$ or *	Truncation	Adds none or more characters
"..."	Double quotation mark	Exact phrase searching (Only available in the IAHx interface)
Ovid databases		
AND		Includes both terms
OR		Includes either both, the one or the other term
NOT		Use to exclude term(s)
/	Subject Heading	Index term added to an article record and (normally) describing the content of the article
.ab.	Abstract word	
.tw.	Text Word	Word in title or abstract field
.kw.	Keyword	Author keyword (assigned by author)
.fs.	Floating subheading	Subheading of any Subject Heading
.pt.	Publication type	
.sh.	Subject Heading	Index term added to an article record and (normally) describing the content of the article – works only with exact headings
.hw.	Heading word	Word anywhere in the subject heading field
.mp.		Will search in title, abstract and in Subject Heading field
exp	Explode	Will include narrower terms to the Subject Heading being exploded, i.e. those terms underneath in the hierarchy of indexing terms
\$ or *or :	Truncation/wild card	Adds none or more characters
\$n	Truncation/wild card	Adds none to <i>n</i> characters
?	Truncation/wild card	Adds none or one character
adj	Adjacency	Requires words are adjacent to each other in the order typed in
adj <i>n</i>	Adjacency	Requires words are adjacent with <i>n</i> words in between - regardless of word order
"..."	Double quotation mark	Exact phrase searching
POPLINE ('New' interface)		
AND		Includes both terms
OR		Includes either both, the one or the other term
*	Truncation	Adds none or more characters
"..."	Double quotation mark	Exact phrase searching
POPLINE ('Old' interface)		
Subject search		Will search in title, abstract and in keyword field

&	AND operator	Includes both terms
/	OR operator	Includes either both, the one or the other term
Wn	WITHIN operator	Requires words are adjacent with <i>n</i> words in between - regardless of word order
*	Truncation	Adds none or more characters
ProQuest databases		
AND		Includes both terms
OR		Includes either both, the one or the other term
NOT		Use to exclude term(s)
N/n	Near operator	N/5 finds the words if they are within five words of one another regardless of word order
P/n	Precede operator	P/5 finds the words if they are within five words of one another and in the order typed in
*		Adds none or more characters
?	Truncation/wild card	Adds one character
"..."	Double quotation mark	Exact phrase searching
WHOLIS		
AND		Includes both terms
OR		Includes either both, the one or the other term
NOT		Use to exclude term(s)
\$	Truncation	Adds none or more characters
?	Truncation	Adds none or one character
NEARn	Near operator	Requires words are adjacent with <i>n</i> words in between - regardless of word order

Suggested citation: Cochrane Effective Practice and Organisation of Care (EPOC). [Resource title]. EPOC Resources for review authors, 2017. epoc.cochrane.org/resources/epoc-resources-review-authors (accessed DD Month YYYY)



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Quick Reference Guide



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THE COCHRANE LIBRARY

Independent high-quality evidence for health care decision making

What is in THE COCHRANE LIBRARY?

The Cochrane Library consists of seven databases and is used by a broad range of people interested in Evidence-Based Health Care, including consumers, clinicians, policy-makers, researchers, educators, students and others:

Cochrane Database of Systematic Reviews (Cochrane reviews)

The primary output of **The Cochrane Collaboration**. Each Cochrane review identifies an intervention for a specific disease (or other problem in health care) and determines whether or not this intervention works by summarising the results of research gathered from randomised controlled trials.

Database of Abstracts of Reviews of Effects (other reviews)

Database of Abstracts of Reviews of Effects (DARE) is a unique database, containing abstracts of systematic reviews that have been quality assessed. Each abstract includes a summary of the review together with a critical commentary about the overall quality. DARE contains 11,000 such abstracts and over 6,000 quality assessed reviews. Produced by the Centre for Reviews and Dissemination (CRD) in York, UK.

Cochrane Central Register of Controlled Trials (clinical trials)

Known as CENTRAL, this database includes details of published trials taken from bibliographic databases and other published resources. CENTRAL includes the title of the article, information on where it was published and, in many cases, the abstract.

The Cochrane Methodology Register (method studies)

A bibliography of publications that report on methods used when conducting controlled trials, studies of methods used in reviews, and more general methodological studies which could be relevant to anyone preparing systematic reviews. Records include journal articles, books and conference proceedings.

Health Technology Assessment Database (technology assessments)

Details of completed and ongoing health technology assessments (studies of the medical, social, ethical and economic implications of healthcare interventions) from around the world. Produced by the CRD in York, UK.

The NHS Economic Evaluation Database (economic evaluations)

Economic evaluations from around the world, evaluated for quality and highlighting relative strengths and weaknesses of each study. Produced by the CRD in York, UK.

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Enter E-mail Login and Password

E-mail Address Please Note: a one-time confirmation will be sent to this address. Afterward, your e-mail will serve as your login.

Re-type E-mail Address

Password Please Note: passwords must be alphanumeric (no special characters) between 5 and 32 characters long.

Confirm Password

Personal Profile

First Name
Last Name
Country or Location Select Your Country or Location of Residence
Area of Interest Business, Economics, Finance and Accounting

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Accessing THE COCHRANE LIBRARY

- 1 Go to the Search box, select Publication Titles, type Cochrane and press Go

SEARCH WILEY
INTERSCIENCE

All Content
 Publication Titles

Cochrane Go

Advanced Search
 CrossRef / Google Search
 Acronym Finder

- 3 You are now on *The Cochrane Library* home page.



- 2 Click on "The Cochrane Library" from the returned results

Title Search Results

There are 4 results from 11012 titles for "cochrane"

View: 1 - 4

Title

[Cochrane Handbook for Systematic Reviews of Interventions](#)
[The Cochrane Library](#)
[Cochrane Pocketbook: Pregnancy and Childbirth, A](#)
[Evidence-Based Child Health: A Cochrane Review Journal](#)

View: 1 - 4

This is *The Cochrane Library* homepage. From here you can easily navigate around the whole site;

- Browse or search across all databases
- Read this month's editorial
- View the "Special Collections"
- Listen to new podcasts each month
- Access the Cochrane Journal Club



Basic navigation

The screenshot shows the homepage of The Cochrane Library. At the top, there is a search bar with the placeholder "search for specific terms...". Below the search bar are sections for "SPECIAL COLLECTIONS" (including World Asthma Day 4 May 2010) and "EDITORIAL" (with an image of a coffee cup). A central callout box says "you can browse the databases in The Cochrane Library from here". To the left, there is a "BROWSE COCHRANE DATABASE OF SYSTEMATIC REVIEWS" section with a list of categories like Anesthesia & pain control, Blood disorders, Cancer, Consumers & communication, Dentistry and oral health, Developmental, psychosocial, and learning problems, Ear, nose, & throat, Effective practice/health systems, Endocrine & metabolic, and Other Browse Options. To the right, there is a "HIGHLIGHTED NEW AND UPDATED COCHRANE REVIEWS" section with links to topics such as Legislative smoking bans for reducing secondhand smoke exposure, smoking prevalence and tobacco consumption, Exercise based rehabilitation for heart failure, Aspirin with or without an antiemetic for acute migraine headaches in adults, Combined chiropractic interventions for lowback pain, Indoor residual spraying for preventing malaria, and Self-monitoring and self-management of oral anticoagulation. At the bottom, there are links for "Journal Club Article" and "Podcast Available".

There are several options to browse and search *The Cochrane Library* Databases.

You can browse all databases from the homepage, conduct a simple search, or click on Advanced Search to access the Advanced and MeSH Searches as well as Search History where you can edit and combine searches.

Every page throughout *The Cochrane Library* has one of the below headers – from which you can navigate around the rest of the site, get to advanced searching, the homepage or save a search.

The first screenshot shows a "SIGN UP" button with a tooltip: "Sign-up: If you want to set up e-mail alerts for Wiley products, RSS feeds or save and edit your searches – follow this link". It also shows a "LEARN" button with a tooltip: "Learn: Find links to user guides and other useful information".

The second screenshot shows a "BROWSE" button with a tooltip: "Browse: browse the complete Cochrane Library by various criteria".

The third screenshot shows a "SEARCH THE COCHRANE LIBRARY" search bar with a tooltip: "Go directly to advanced search, MeSH search, search history or saved searches".

use the links provided in the header, to browse The Cochrane Systematic Reviews by various criteria:

- By Review Group (to see all the reviews written by a specific Cochrane Review Group)
- New Reviews (if you only want to view new Cochrane Reviews)
- Updated Reviews (if you want to check the updates on existing reviews)
- A-Z (by reviews/protocol or by review group)
- By topic

Key to Review Status Buttons

All Reviews have a key to help readers quickly identify their status

Review	A full review, complete with results and discussion, possibly including meta-analyses to combine results across studies.
Protocol	The outline of a review in preparation, including the background, rationale and methods.
Methodology	A full-text systematic review of methodological studies.
Diagnostic	A full-text systematic review of studies assessing accuracy of diagnostic tests.
Overview	An overview of multiple Cochrane intervention reviews addressing the effects of two or more potential interventions for a single condition or health problem.
New	A new protocol or review that has been published in the most recent issue.
Conclusions changed	There has been an important change to the conclusions of the review published in the most recent issue.
Update	A new search for studies has been conducted for an existing review as published in the most recent issue.
Major change	The protocol has been amended to reflect a change in scope published in the most recent issue.
Withdrawn	The review or protocol has been withdrawn, which may be because it was considered to be out of date. Reasons for withdrawal are specified in the document.
Comment	The review includes comments. Readers can submit comments, which are incorporated into the review together with answers and feedback from the review authors.



Advanced Searching

To reach the advanced search page simply click on one of the below links (depending on the page you're navigating from)

SEARCH THE COCHRANE LIBRARY

Enter search term Title, Abstract or Keywords

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BROWSE
Cochrane Reviews | By Topic | New Reviews | Updated Reviews | A-Z | By Review Group
Other Resources: Other Reviews | Clinical Trials | Methods Studies | Technology Assessments | Economic Evaluations

SEARCH
Enter search term Title, Abstract or Keywords

On the Advanced Search page, you can use the asterisk, double quotation marks and Boolean operators – AND, OR, NOT, to refine or broaden your search.

You can also limit your search to specific fields such as Full text, Title, Author, Abstract or Keywords

You can refine your search by selecting the databases you would like to search. Select one or more titles by clicking the boxes.

Advanced Search | **MeSH Search** | **Search History** | **Saved Searches**

Enter a term below and click Search to continue.

Search For:
To search using field labels (e.g. *heart*) use the [Search History](#) page.
Enter search term 1 Search All Text
AND Enter search term 2
AND Enter search term 3
AND Enter search term 4
AND Enter search term 5
 Go directly to [Search History](#)

Restrict Search by Product
 All of The Cochrane Library
 Cochrane Database of Systematic Reviews (Cochrane Reviews)
 Database of Abstracts of Reviews of Effectiveness (DARE)
 Database of Abstracts of Controlled Trials (Clinical Trials)
 Cochrane Methodology Register (Methods Studies)
 Cochrane Technology Assessment Methods Group (Technology Assessments)
 Cochrane Non-randomized Trial Database (Economic Evaluations)
 About the Cochrane Collaboration (Cochrane Groups)

Restrict Search by Record Status
 All
 New Conclusions Changed Commented
 New Search Major Change Withdrawn
 Commented
(Choose one or more specific statuses above and use this option to limit these selections to commented articles.)

Date Range (4-digit year): -

SEARCH TIPS
Tip No. 1: Boolean operators AND, OR, and NOT can be selected from the pull-down selection boxes of the Advanced Search page.
Tip No. 2: The AND operator is used by default between search terms. The entire query string will...

Search History

Advanced Search | **MeSH Search** | **Search History** | **Saved Searches**

Search For:

Restrict by product:
Ctrl-click (Windows) or Command-click (Mac) to select
 All Cochrane products (default)
 Cochrane Reviews
 Other Reviews
 Clinical Trials

Restrict by record status:
 All
 New Conclusions Changed Commented
 New Search Major Change Withdrawn
 Commented
(Choose one or more specific statuses above and use this option to limit these selections to commented articles.)

Date Range (4-digit year): -

Current Search History

ID	Search	Hits	Edit	Delete
#1	cardiology	13895	edit	delete
#2	kidney	16895	edit	delete
#3	dermatology	8877	edit	delete

[Save Search Strategy](#) | [Clear History](#)

- Provides a history of your searches in your current session.
- Your searches are numbered #1, #2 and so on. To combine them enter the # symbol followed by the search number.
- If you want to save your searches for future use in other sessions, you can either use the Save Search function, or you can use the Save Search Strategy function.

Search Results

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BROWSE
Cochrane Reviews | By Topic | New Review | Updated Reviews | A-Z | By Review Group
Other Resources: Other Reviews | Clinical Trials | Methods Studies | Technology Assessments | Economic Evaluations

SEARCH
Enter search term Title, Abstract or Keywords

Search Results
Show Results in:
Cochrane Reviews [505] | Other Reviews [334] | Clinical Trials [15102] | Methods Studies [361] | Technology Assessments [1291] | Economic Evaluations [10]

There are 505 results out of 6153 records for: **'kidney' in Cochrane Database of Systematic Reviews**

View: 1-25 | 26-50 | 51-75 | 76-100 | 101-125 | Next > Export All Results

Record Information
Issue: Current | All | Restrict to: Reviews | Protocols | Sort by: Record Title | Match % | Date

Antiviral medications for preventing cytomegalovirus disease in solid organ transplant recipients
Elizabeth M Hodson, Jonathan C Craig, Giovanni FM Strippoli, Angela C Webster
April 2010 | Review

Hydroxyethyl starch (HES) versus other fluid therapies for prevention of hypotension in surgery
Alison B Dart, Thomas C Mutter, Chelsea A Ruth, Shayne P Tuck, Daniel J Gatt, Michael J D'Onise, Michael J D'Onise
January 2010 | Review

Immunoglobulins, vaccines or interferon for prevention of graft-versus-host disease in bone marrow transplant recipients
Elizabeth M Hodson, Cheryl A Jones, Giovanni FM Strippoli, Angela C Webster
April 2010 | Review

Interventions for preventing and treating kidney disease in Henoch-Schönlein Purpura (HSP)
Wattana Chantipasak, Sawaikul Opatristakul, Elizabeth M Hodson, Narelle S Willis, Jonathan C Craig
April 2010 | Review

Antihypertensive treatment for kidney transplant recipients
Natalie B Cross, Angela C Webster, Philip Masson, Philip J O'Connell, Jonathan C Craig
February 2010 | Review

Interventions for preventing bone disease in kidney transplant recipients
Suetonia C Palmer, David O McGregor, Giovanni FM Strippoli
October 2009 | Review

Fish oil for kidney transplant recipients
Andy KH Lim, Karen J Manley, Matthew A Roberts, Margaret B Fraenkel
July 2008 | Review

The number in brackets indicates the number of records that match your search in each database.

You can save or edit your search using the links on the right. The Save Search feature is only available if you are a registered Wiley user.

From the search results click on Record to view an article.

If you want to save your search, you can do so by selecting the Save Search button.

The "Saved Searches" page allows you to manage and view searches you have previously saved.

Advanced Search | **MeSH Search** | **Search History** | **Saved Searches**

Your search was successfully saved

You have 2 Saved Searches

Delete	Saved Search Name	Run	Export	Save Date	Alert Status
<input type="checkbox"/>	kidney in Title, Abstract or Keywords in all products	Run	Export	2010-04-09 08:41:19	<input type="checkbox"/> Activate Alert
<input type="checkbox"/>	cardiology in all products	Run	Export	2010-04-09 08:40:40	<input type="checkbox"/> Activate Alert

Export: You can export the search criteria by clicking on this link

Activate Alert: to be alerted by e-mail on any new or updated record relevant to your search



Tips for Using the Advanced Search Feature

In general, an assumed "AND" operator is used for spaces between terms. Thus, a search for acute bronchitis will match any document that includes both terms.

Type	Description	Example
Boolean operators	Use AND, OR, and NOT to create a more complex search.	magnesium sulfate AND (eclampsia OR perinatal asphyxia)
Proximity search using NEAR	Use NEAR/ with a number to indicate proximity of terms either before or after each other. The default proximity value for the operator when no number is entered is 6.	antidepressant NEAR/10 narcolepsy
Proximity search using NEXT	Use NEXT with a number to match terms that appear next to each other. Note that the apostrophe within a term is treated as a space, thus to search for adjacent words in a term such as Down's Syndrome, the best search parameter to use is:	
down* NEAR/2 syndrome	cholera NEXT treat*	
Combined Boolean and proximity searches	Use combinations of Boolean operators and proximity operators to build a complex search.	breast NEAR (cancer OR carcinoma)
Wildcard truncation	Use an asterisk (*) to search for multiple characters before, within, or after a search string. A question mark can be used to search for a single character.	abdom* *eclampsia
Comma instead of OR operator	Use a comma in place of the OR operator	medical, health
Exact phrase search	Insert a term within quotation marks to create an exact match. Note that no search method is case sensitive, thus "PH" matches the same results as "ph", "Ph", or "ph".	"mental health treatment" matches the phrase in exactly that word sequence
Stemming	The stemming feature within the search allows words with small spelling variants to be matched. The term tumor will also match tumour.	tumor cell
Pluralization and singularization matches	Pluralized forms of words also match singular versions, and vice versa. The term drugs will find both drug and drugs. To match either just the singular or plural form of a terms, use an exact match search and include the word in quotation marks.	"vaccine"
Terms with multiple spellings	Use the wildcard character with the NEXT operator to match all variations of a term. Note: Use NEAR between a word ending in "s" and another following word.	st* NEXT john* NEAR wort
Diphthong characters	Terms with spelling variations that include diphthongs should be searched with a wildcard character to ensure that all forms of a term are matched. Some more common terms with diphthongs such as "haemorrhage" are automatically matched to their variant spellings through stemming.	isch*mic stroke
Stop words	Words such as "in," "the" and "of" are matched in the search. The Boolean search operators AND, OR, NOT, NEAR, and NEXT are the only terms treated as stop words.	
Accented characters	For all fields except Author, accented characters are not matched by their equivalent unaccented form. To match accented characters use the following options: 1) Use the wildcard characters (* or ?) for a broad match, 2) if the term is displayed on a page you are viewing, copy and paste it to the search box, 3) select the term from a list of accented characters. If entering an accented term in the search box, also include the unaccented version with an OR operator to match all cases.	Partial list of accent characters:
Hyphenated terms	Hyphens are treated as a space with an associated NEXT operator. The term heart-related will match the same results as heart NEXT related.	evidence-based NEXT medicine

MeSH Searching

To reach the MeSH search page simply click on the link in the top banner (if the page you're navigating from has one) or directly from the Advanced Search page.

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BROWSE
Cochrane Reviews: By Topic | New Reviews | Updated Reviews | A-Z | By Review Group
Other Resources: Other Reviews | Clinical Trials | Methods Studies | Technology Assessments | Economic Evaluations

SEARCH
Enter search term Title, Abstract or Keywords
Advanced Search MeSH Search Search History Saved Searches

SEARCH TIPS
Using the MeSH Search
Find records using the MeSH thesaurus search through the following methods.

Thesaurus Search Options
Use the thesaurus to find a term for a MeSH Tree Search. Enter word in text box and click on Thesaurus to display the complete index of all MeSH descriptors that include the word. Click on an index term to select it for a MeSH Tree Search (see below).

MeSH Tree Search Options
Enter a term in the text box and click on Go to MeSH Trees to view a tree structure of related terms. A listing of all displayed MeSH trees and check-box selectors are displayed on the right of the form. The selected MeSH search term is displayed in red type.

Some terms may be included in more than one tree hierarchy. A number listed in

Search for a MeSH descriptor
Enter MeSH term: Go To MeSH Trees
 Thesaurus Definition

Select the appropriate MeSH descriptor:
Acute Kidney Failure
see: [Kidney Failure, Acute](#)

Acute Kidney Insufficiency
see: [Renal Insufficiency, Acute](#)

Acute Kidney Tubular Necrosis
see: [Kidney Tubular Necrosis, Acute](#)

Adult Polycystic Kidney Disease
see: [Polycystic Kidney, Autosomal Dominant](#)

Adult Polycystic Kidney Disease Type 1
see: [Polycystic Kidney, Autosomal Dominant](#)

Adult Polycystic Kidney Disease Type 2
see: [Polycystic Kidney, Autosomal Dominant](#)

Thesaurus results for the term kidney

Advanced Search | MeSH Search | Search History | Saved Searches
Search by qualifier alone

Search for a MeSH descriptor
Enter MeSH term: Go To MeSH Trees
 Thesaurus Definition

Search The Cochrane Library content
 View Results Go directly to
Add qualifier restriction: Qualifiers:

Explode
All

Tree Number 1
Urogenital System [+2]
Urinary Tract [+1]
Kidney [+4]
Kidney Cortex [+11]
Kidney Medulla
Kidney Pelvis [+1]
Nephrons [+2]
Ureter
Urethra
Urinary Bladder

shows the tree of related terms

MeSH is the U.S. National Library of Medicine's controlled vocabulary used for indexing articles for MEDLINE and PubMed. MeSH terminology provides a consistent way to retrieve information that may use different terminology for the same concepts (see <http://www.ncbi.nlm.nih.gov/>).

Keywords drawn from the MeSH Thesaurus, published by National Library of Medicine, have been attached to many, but not all of the records in The Cochrane Library.



Navigate your way around an article

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Other Resources: Other Reviews | Clinical Trials | Methods Studies | Technology Assessments | Economic Evaluations

SEARCH
Enter search term Title, Abstract or Keywords
[Advanced Search](#) | [MeSH Search](#) | [Search History](#) | [Saved Searches](#)

[Intervention Review]
Screening for breast cancer with mammography

Peter C Gotzsche¹, Margrethe Nielsen¹
¹The Nordic Cochrane Centre, Rigshospitalet, Copenhagen, Denmark
Contact address: Peter C Gotzsche, The Nordic Cochrane Centre, Rigshospitalet, Blegdamsvej 9, 3343, Copenhagen, 2100, Denmark. pco@cochrane.dk.

Editorial group: Cochrane Breast Cancer Group.
Publication status and date: New search for studies and content updated (no change to conclusions), published in Issue 4, 2009.
Review content assessed as up-to-date: 20 November 2008.

Citation: Gotzsche PC, Nielsen M. Screening for breast cancer with mammography. *Cochrane Database of Systematic Reviews* 2009, Issue 4. Art. No.: CD001877. DOI: 10.1002/14651858.CD001877.pub3.

A table of contents: you can navigate directly to a section by clicking on it

Background
A variety of estimates of the benefits and harms of mammographic screening for breast cancer have been published and national policies vary.

Objectives
To assess the effect of screening for breast cancer with mammography on mortality and morbidity.

Search strategy
We searched PubMed (November 2008).

Selection criteria
Randomised trials comparing mammographic screening with no mammographic screening.

Data collection and analysis
Both authors independently extracted data. Study authors were contacted for additional information.

Main results
Eight eligible trials were identified. We excluded a biased trial and included 600 000 women in the analyses. Three trials with adequate randomisation did not show a significant reduction in breast cancer mortality at 13 years (relative risk (RR) 0.90, 95% confidence interval (CI) 0.79 to 1.02); four trials with suboptimal randomisation showed a significant reduction in breast cancer mortality with an RR of 0.75 (95% CI 0.67 to 0.83). The RR for all seven trials combined was 0.81 (95% CI 0.74 to 0.87).

Articles include some or all of the following features:

- Abstracts and plain language summaries
- Bibliographic links to online versions of references
- Links to PDF versions of Cochrane Review articles
- Downloadable citations
- Links to MeSH Search terms
- Links within Cochrane Reviews documents to meta-analysis diagrams for studies included in the documents
- Links to supporting editorial groups



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Dr David Tovey FRCGP, Editor in Chief

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You are currently viewing the Clinical version of this article. Methodological version available.

Regular treatment with formoterol and an inhaled corticosteroid versus regular treatment with salmeterol and an inhaled corticosteroid for chronic asthma: serious adverse events

Clinical Summary
Asthma is a common respiratory condition, affecting hundreds of millions of people around the world. Beta-agonists have been used for over 50 years to reduce wheezing in asthma, by releasing smooth muscle from the airways. Salmeterol and formoterol are long-acting beta-agonists (long-acting beta-agonist) that were first introduced in the 1980s. The use of inhaled long-acting beta-agonists (inhaler) in the 1980s and 1990s led to a dramatic increase in the use of inhaled long-acting beta-agonists (inhaler) in the 1980s and 1990s. Two large randomised controlled trials (RCTs) of inhaled long-acting beta-agonists in asthma found that salmeterol and formoterol increased the risk of serious adverse events compared to placebo and regular salbutamol, respectively. Both showed a roughly three-fold increase in deaths from asthma, which was statistically significant for both but not in RCTs.

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Background An increase in serious adverse events with both regular formoterol and regular salmeterol in chronic asthma has been demonstrated in comparison with placebo in previous Cochrane reviews. This review updates the evidence from the latest trials and includes participants to an inhaled long-acting beta-agonist unless certain in the smaller numbers of participants in those that included an inhaled corticosteroid in the randomised treatment regimen.

Objectives This set of trials compare the risks of mortality and non-fatal serious adverse events in

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Author Profile

Chris Cates is a Family Doctor from Buntingford in Hertfordshire, England, and a member of the Cochrane Airways Review Group. He is the author of the Cochrane Airways Review Group's most recent review.

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