



# How to Find Systematic Reviews

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# Two basic questions:

- Where to search for systematic reviews?
- How to search for systematic reviews?



# Databases

- General Databases  
(Comprehensive OR Core Databases)
- Systematic Reviews Databases  
(SR Specified Databases)



# General Databases (Comprehensive OR Core Databases)

- Medical Sciences

- Medline
- Embase

- All Sciences

- Web of Sciences
- Scopus

# Medline

- By US National Library of Medicine
- **Type of Database:** Bibliographic
- Over 30,000,000 citations of both clinical and preclinical studies.
- complementary database known as **PreMEDLINE** includes citations and abstracts for studies that have been published recently but not yet indexed.
- **Subject Coverage:** All Specialties of Medicine
- 60% of References contain Abstracts

# PubMed Clinical Queries



## PubMed Clinical Queries

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

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PubMed Services

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MeSH Database

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Special Queries

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Related Resources

Order Documents

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NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

This page provides the following specialized PubMed searches for clinicians:

- ◆ [Search by Clinical Study Category](#)
- ◆ [Find Systematic Reviews](#)
- ◆ [Medical Genetics Searches](#)

After running one of these searches, you may further refine your results using PubMed's [Limits](#) feature.

Results of searches on these pages are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

### Search by Clinical Study Category

This search finds citations that correspond to a specific clinical study category. The search may be either broad and sensitive or narrow and specific. The search filters are based on the work of [Haynes RB et al.](#) See the [filter table](#) for details.

Search

Category	Scope
<input type="radio"/> etiology	<input checked="" type="radio"/> narrow, specific search
<input type="radio"/> diagnosis	<input type="radio"/> broad, sensitive search
<input checked="" type="radio"/> therapy	
<input type="radio"/> prognosis	
<input type="radio"/> clinical prediction guides	

### Find Systematic Reviews

For your topic(s) of interest, this search finds citations for systematic reviews, meta-analyses, reviews of clinical trials, evidence-based medicine, consensus development conferences, and guidelines.



# Gateway

- Provided by NLM
- Searches
  - MEDLINE/PubMed
  - LOCATORplus
  - MEDLINEplus
  - *ClinicalTrials.gov*
  - DIRLINE,
  - Meeting Abstracts
  - HSRProj

# NLM Gateway

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



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Results Summary: **274085** records found    [\[ Bookmark this Search \]](#)

**Bibliographic Resources** [i](#)

250491 <b>MEDLINE/PubMed</b> - journal citations, abstracts	12247 <b>TOXLINE Special</b> - toxicology citations
3992 <b>NLM Catalog</b> - books, AVs, serials	1376 <b>DART</b> - Developmental and Reproductive Toxicology
2264 <b>Bookshelf</b> - full text biomedical books	425 <b>Meeting Abstracts</b>

**Consumer Health Resources** [i](#)

50 <b>MedlinePlus</b> - Health Topics	970 <b>ClinicalTrials.gov</b>
500 <b>MedlinePlus</b> - Drug Information	20 <b>DIRLINE</b> - Directory of Health Organizations
139 <b>MedlinePlus</b> - Medical Encyclopedia	19 <b>Genetics Home Reference</b>
27 <b>MedlinePlus</b> - Current Health News	Results <b>Household Products Database</b>
0 <b>MedlinePlus</b> - Other Resources	

**Other Information Resources** [i](#)

127 <b>HSRProj</b> - Health Services Research Projects	1 <b>ITER</b> - International Toxicity Estimates for Risk
397 <b>OMIM</b> - Online Mendelian Inheritance in Man	0 <b>GENE-TOX</b> - Genetic Toxicology (Mutagenicity)
1032 <b>HSDB</b> - Hazardous Substances Data Bank	1 <b>CCRIS</b> - Chemical Carcinogenesis Research Information System
7 <b>IRIS</b> - Integrated Risk Information System	





# Systematic Reviews Databases

## ■ Cochrane

- The Cochrane Database of Systematic Reviews (Cochrane Reviews)
- Database of Abstracts of Reviews of Effects (DARE)
- The Cochrane Central Register of Controlled Trials (CENTRAL)
- The Cochrane Database of Methodology Reviews (Methodology Reviews)
- The Cochrane Methodology Register (Methodology Register)
- Health Technology Assessment Database (HTA)
- NHS Economic Evaluation Database (NHS EED)
- About The Cochrane Collaboration and the Cochrane Collaborative Review Groups (About)

## ■ Trip database

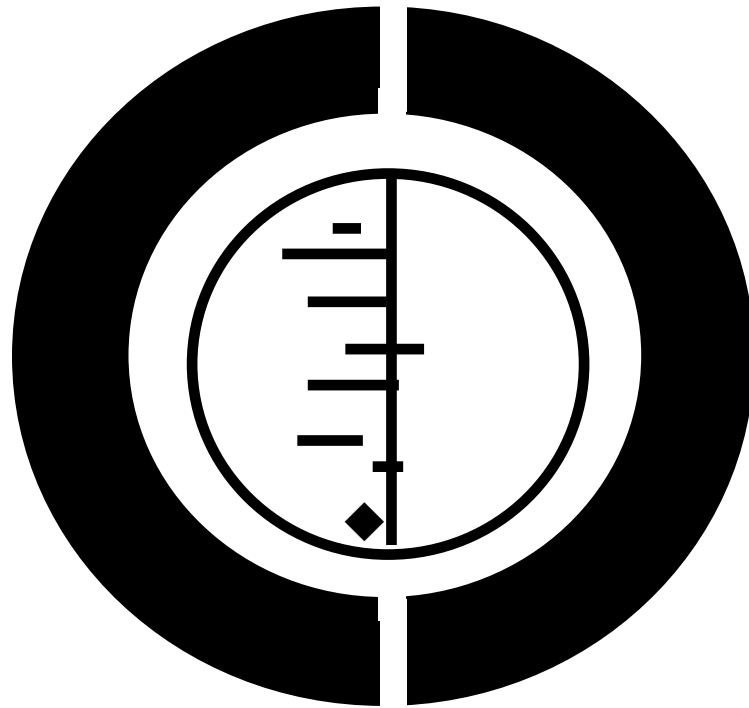
- .....



# The Cochrane Library

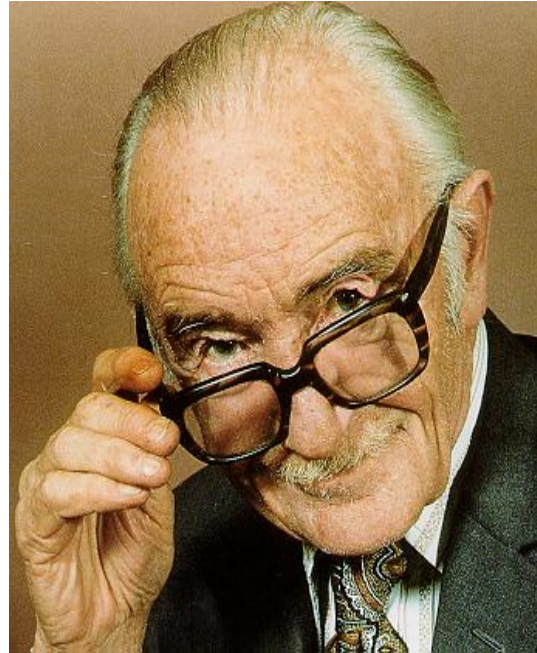
The premier source of evidence...

# The Cochrane Collaboration



Preparing, maintaining and disseminating  
systematic reviews of the effects of health care

# Archie Cochrane



“It is surely a great criticism of our profession that we have not organised a critical summary, by specialty or sub-specialty, adapted periodically, of all relevant randomized controlled trials”

# Cochrane Library

- BMJ Publishing Group
- Journals: Does not scan journals, is a review database, bringing together articles from MEDLINE and EMBASE.
- Advantage is Knowing that the articles listed are all recognized as controlled trials or systematic reviews
- Bias: Non apparent
- Thesaurus: MeSH plus keywords
- Subject Coverage: Clinical medicine reviews
- Materials Indexed: A value-added database designed to provide evidence to support healthcare decisions
- Update: Updated quarterly
- Type of Database: Value-added



# Cochrane Library

- The Cochrane Library is a unique source of **reliable** and **up-to-date** information on the effects of interventions in health care. Published on a **quarterly** basis, The Cochrane Library is designed to provide information and evidence to support **decisions** taken in health care and to inform those receiving care.





# The Cochrane now

- Comprises centres in 50 countries
- +50 topic-based Review groups and about 6000 members.



# The Cochrane now

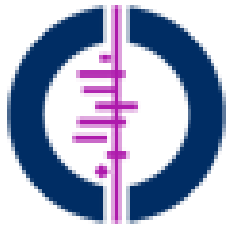
- The collaboration members hand search journals in 19 countries, produce Cochrane reviews, moderate the feedback system, ensure that methodology, statistics and software used in the writing of reviews is state of the art and that consumer and other groups are represented.
- The main output of The Cochrane is systematic reviews of the effects of healthcare interventions. These systematic reviews are published in The Cochrane Library.





# Some of Cochrane Review Groups

- Cochrane Acute Respiratory Infections Group
- Cochrane Consumers & Communication Group
- Cochrane Drugs and Alcohol Group
- Cochrane Effective Practice and Organisation of Care Group
- Cochrane HIV/AIDS Group
- Cochrane Infectious Diseases Group
- Cochrane Injuries Group



# The Cochrane

Wiley publishes the Cochrane Library for the Cochrane Collaboration

- **Structure** - established as an international organisation in 1993, registered as a charity in the U.K.
- **Aim** - to help people make well-informed decisions about health care.
- **How** - by preparing and maintaining, and promoting access to, systematic reviews of the effects of healthcare interventions.
- **Publishing Output** – The Cochrane Library

# What is the Cochrane Library?

The **Cochrane** Library is a collection of 6 main databases and 1 additional databases that describe **Cochrane** as an organization. These are:

1. The Cochrane Database of Systematic Reviews (CDSR)
2. **The Cochrane Database of Reviews of Effects (DARE)**
3. **The Cochrane Central Register of Controlled Trials (CENTRAL)**
4. The Cochrane Database of Methodology Reviews (CDMR)
5. Health Technology Assessment Database (HTA)
6. NHS Economic Evaluation Database (NHS EED)
7. THE COCHRANE METHODOLOGY REGISTER (CMR)
8. About The Cochrane Collaboration and the Cochrane Collaborative Review Groups

# Cochrane controlled trials registry (CCTR)

- Ideally ,it should be a **central place** to put all the reports of controlled trials identified through the work of the Cochrane Collaboration.
- It contains the results of searching MEDLINE, EMBASE, some other databases and a long list of journals, books and conference proceedings.
- Its contents is **updated each year**



# Cochrane Database of Systematic Reviews (CDSR)

- Full-text of systematic reviews done by Cochrane Collaboration
- Protocols
- Updated reviews



## Database of abstracts of reviews of effects (DARE)

- Provided by CRD (Centre for Reviews and Dissemination)
- Database of quality assessed reviews
- Has structured abstracts of systematic reviews

# DARE

- Produced by the expert reviewers of the NHS **Centre for Reviews and Dissemination** (NHS CRD) at the University of York, England
- Contains **over 36000** abstracts systematic reviews. Focuses on the effects of interventions in health and social care.
- DARE records cover topics such as **diagnosis, prevention, screening, and treatment.**



# ACP Journal Club

- The editors of ACP Journal Club screen the top clinical journals identify original and review articles that are both methodologically sound and clinically relevant.
- structured abstracts
- brief commentaries



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Update on New Guidelines For  
Adult Patient Management  
[www.rethinkasthma.com](http://www.rethinkasthma.com)

**Evidence Based Practice**  
World class course covering all  
aspects of Evidence Based  
Practice  
[www.uclan.ac.uk](http://www.uclan.ac.uk)

**Heart Failure Guidelines**  
2006 Comprehensive Heart  
Failure Practice Guidelines from  
the HFSA.  
[www.heartfailureguideline.org](http://www.heartfailureguideline.org)

**ODG Treatment**  
Authorized treatment/UR  
guidelines for workers' comp  
medical care  
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Evidence-Based Nursing (Requires free registration). 2000

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Royal College of Obstetricians and Gynaecologists (UK). 2004

Guideline No. 19 Revised January 2004 **HORMONE REPLACEMENT THERAPY AND VENOUS THROMBOEMBOLISM**... of **hormone replacement therapy**. Lancet 1996; 348: 18. Lindoff C, Peterson F, Lecander I, Martinsson G...

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## [Dutch College of General Practitioners' Position on Hormone Replacement Therapy \(HRT\)](#)

Dutch College of General Practitioners. 2003

Dutch College of General Practitioners' Position on **Hormone Replacement Therapy** (HRT) Utrecht... menopause. 1 Million Women Study Collaborators. Breast cancer and **hormone replacement therapy** in the Million...

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**CME-Certified Monograph**

Update on New Guidelines For Adult Patient Management  
[www.rethinkasthma.com](http://www.rethinkasthma.com)

**Evidence Based Practice**

World class course covering all aspects of Evidence Based Practice  
[www.uclan.ac.uk](http://www.uclan.ac.uk)

**Heart Failure Guidelines**

2006 Comprehensive Heart Failure Practice Guidelines from the HFSA.  
[www.heartfailureguideline.org](http://www.heartfailureguideline.org)

**ODG Treatment**

Authorized treatment/UR guidelines for workers' comp medical care  
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MeReC. 2005

4 **Hormone replacement therapy**: an update SUMMARY **Hormone replacement therapy** (HRT) has been used for the... 4 13 **Hormone replacement**

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