EBM DATABASES

Maryam Okhovati

COCHRANE LIBRARY

- The Cochrane Library is a collection of databases in medicine and other healthcare specialties provided by the Cochrane Collaboration and other organizations. At its core is the collection of Cochrane Reviews, a database of systematic reviews and meta-analyses which summarizes and interprets the results of medical research, which are often considered the "Gold Standard" for systematic reviews in terms of quality. A major resource for finding information on the effectiveness of health care interventions and it offers high-quality evidence for health care decision making
- a collection of six databases compiled by the Cochrane Collaboration and the NHS Centre for Reviews and Dissemination

EVIDENCE BASED ABSTRACT JOURNALS

Evidence-Based Medicine

ACP Journal Club

Evidence-Based Mental Health

Cancer Treatment Reviews

Evidence-Based Nursing

CLINICAL PRACTICE GUIDELINES

- CPG Infobase
- Canadian Medical Association
- NICE Clinical Guidelines
- National Institute for Health and Clinical Evidence, UK
- Evidence-Based Guidelines (Programs in Evidence-Based Care)
- Cancer Care Ontario
- Best Practice Guidelines: Registered Nurses Association of Ontario (RNAO)
- Guidelines (Through Clinical Key)

COCHRANE COLLABOARTION

- Cochrane Database of Systematic Reviews / CDSR / Cochrane DSR Full-text of completed systematic reviews carried out by the Cochrane Collaboration, plus protocols for reviews currently in preparation. Reviews are updated in the light of new evidence and the date of the latest update is given. Database of Abstracts of Reviews of Effects (formerly Database of Abstracts of Reviews of Effectiveness) Especially written structured abstracts of quality-assessed systematic reviews published elsewhere in the medical literature. Cochrane Central Register of Controlled Trials / CCTR / CENTRAL References to randomised control trials (RCTs) identified through hand searching of journals and databases.

COCHRANE/SEARCH RULES

1. Expand your search using the truncation symbol * e.g. depress* finds depression or depressive, depressed etc. The truncation symbol can be used at the beginning and the end of your term.

2. * is also a wildcard to signify letter(s) within a word e.g. p*ediatric finds paediatric or pediatric. Note that singular and plural alternatives are automatically searched.

3. A question mark ? can be used to search for a single character.

4. To search phrases, put terms in quotes.

5. Combine and separate your search terms using the Boolean Operators AND or OR or NOT. 6. If combining phrases in the same line, enclose combination threads in parentheses.

COCHRANE/ SEARCH FOR YOUR TERM(S) USING

- MeSH terms
- Natural language

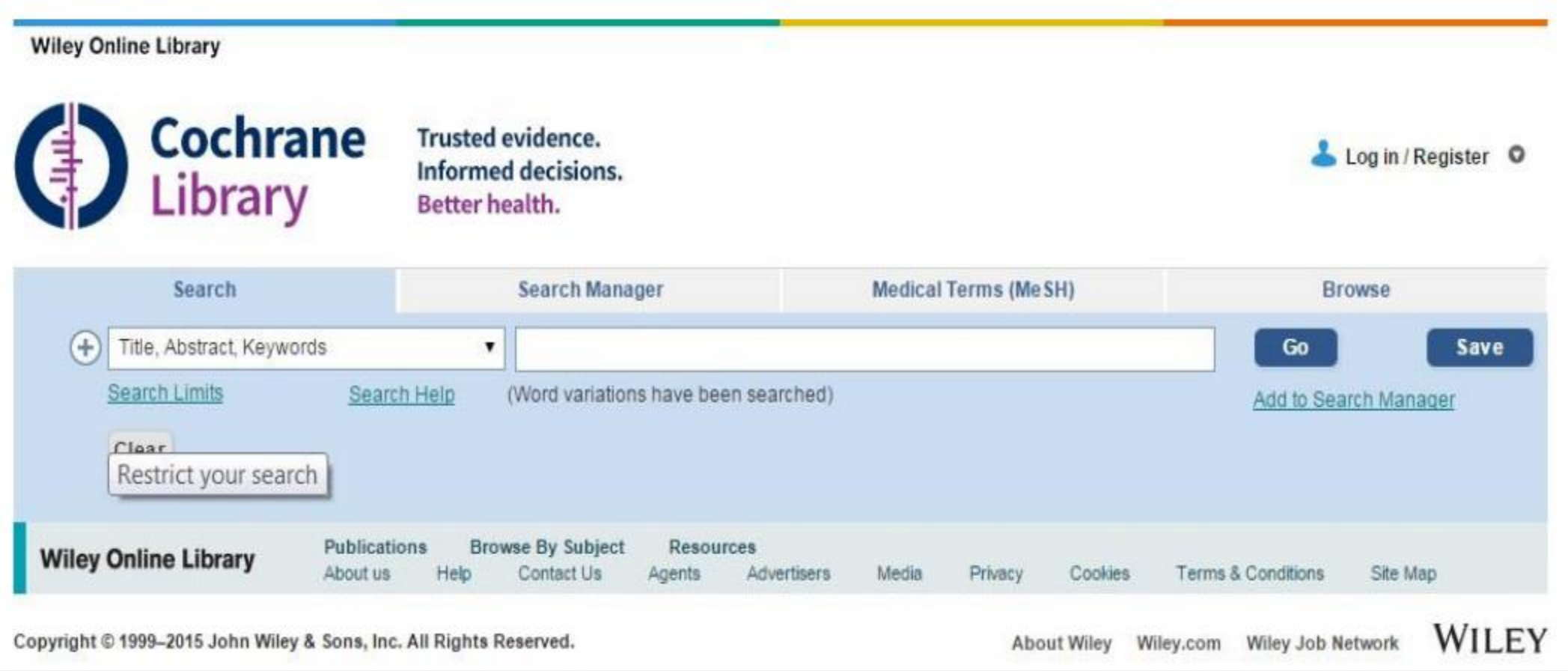
SEARCHING FOR YOUR TERM USING NATURAL LANGUAGE

- Advanced Search, Type your first term into the search box. Select Title, Abstract or Keywords from the drop-down menu on the left. If you wish to add another term, click on the + sign, situated to the left of the drop down menu, and another search box and drop down menu of Boolean operators will appear. Click on Go.

OR

- Enter the keywords one by one & click on Add to Search Manager after each word. Navigate backwards and forwards between the Search tab & the Search Manager until all your terms are present in the Search Manager, then combine them in the Search Manager. This option is useful if you intend to combine terms in Natural Language with your MeSH terms in your search strategy.

COCHRANE


Wiley Online Library
Cochrane Library
Trusted evidence.
Informed decisions.
Better health.
Log in / Register
Search
Search Manager
Medical Terms (MeSH)
Browse
Title, Abstract, Keywords
Go
Save
Search Limits
Search Help
(Word variations have been searched)
Add to Search Manager
Clear
Restrict your search
Wiley Online Library
Publications
Browse By Subject
Resources
About us
Help
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SEARCHING FOR THE TERM USING THE MEDICAL SUBJECT HEADINGS (MESH DESCRIPTOR)

- click on Advanced Search. Click on the Medical Terms (MeSH) search tab. Enter your first term into the Enter MeSH term box, and select any appropriate subheadings/ qualifiers from the drop-down menu in the Select MeSH qualifiers box. Click on Look Up. When you search for a term using the MeSH Thesaurus button, the database will search for all of the MeSH descriptors that contain your term. By selecting the MeSH descriptor through the thesaurus, the database will retrieve results containing the MeSH descriptor and related narrower terms
- the MeSH descriptor: Myocardial Infarction → Anterior Wall Myocardial Infarction; Inferior Wall Myocardial Infarction; Myocardial Stunning; Shock, Cardiogenic etc.).

SEARCHING FOR THE TERM USING THE MEDICAL SUBJECT HEADINGS (MESH DESCRIPTOR)

- The next screen (see caption above) displays a definition of your search term, and Thesaurus matches, including synonyms of your search term, on the left. The central column shows you where your term sits in the MeSH tree, and enables you to explode one or more MeSH trees. 3. If you wish to search for the descriptor only, select the Single MeSH term (unexploded) option. If you wish to search for the descriptor and its narrower terms, select the Tree Number * box (es), and Explode either the selected trees or all the trees. 4. The box on the right shows you how many results in total there are for that specific search. Click on Add to Search Manager. 5. Repeat this procedure until you have entered all your search terms and are ready to combine your searches in the Search Manager tab

Cochrane Library

Trusted evidence.
Informed decisions.
Better health.

Log in / Register

Search | Search Manager | Medical Terms (MeSH) | Browse

Myocardial Infarction | Select subheadings / qualifiers | Lookup | Clear

Search Help

Definition

Myocardial Infarction - NECROSIS of the MYOCARDIUM caused by an obstruction of the blood supply to the heart (CORONARY CIRCULATION).

Thesaurus matches

Exact Term Match

Myocardial Infarction
Synonyms: Myocardial Infarctions.

Phrase Matches

Any Word Match

Myocardial Infarction
Synonyms: Infarction, Myocardial; Infarctions, Myocardial; Myocardial Infarctions; Myocardial Infarct; Infarct, Myocardial; Infarcts, Myocardial; Myocardial Infarcts.

MeSH trees

MeSH term - **Myocardial Infarction**

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

Select

Use the checkbox next to each tree to explode selected trees

☑ **Tree Number 1**

Cardiovascular Diseases [+5]
Heart Diseases [+24]
Myocardial Ischemia [+6]
Angina Pectoris [+4]
Coronary Disease [+7]
Myocardial Infarction [+4]

Search results

There are **8885** results for your search on
- MeSH descriptor: [Myocardial Infarction]
- explode all trees

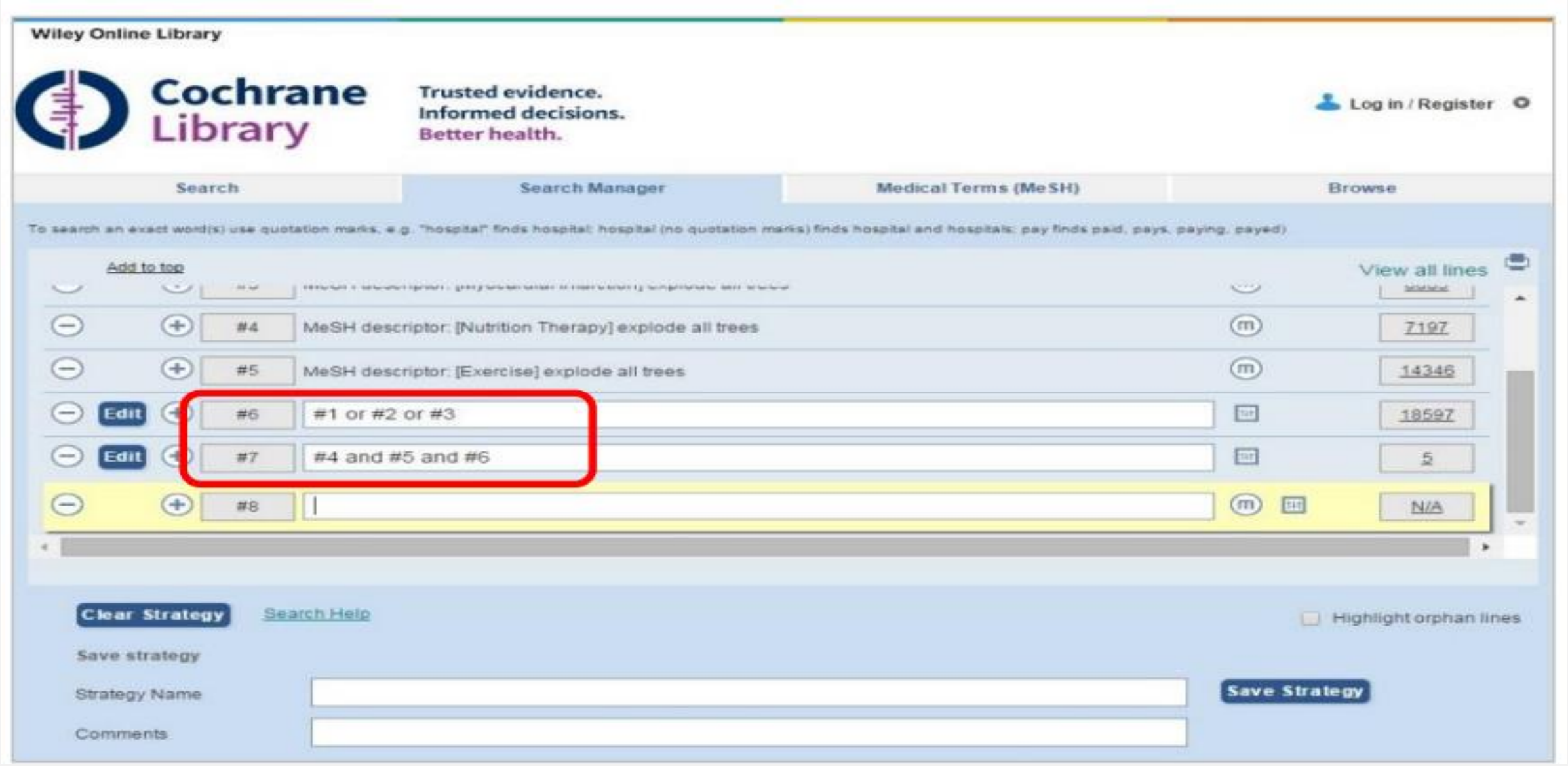
Save search | Add to Search Manager

Cochrane Reviews	50
Other Reviews	619
Trials	7827
Methods Studies	0
Technology Assessments	93
Economic Evaluations	296
Cochrane Groups	0

View Results

Activate
Go to Settir

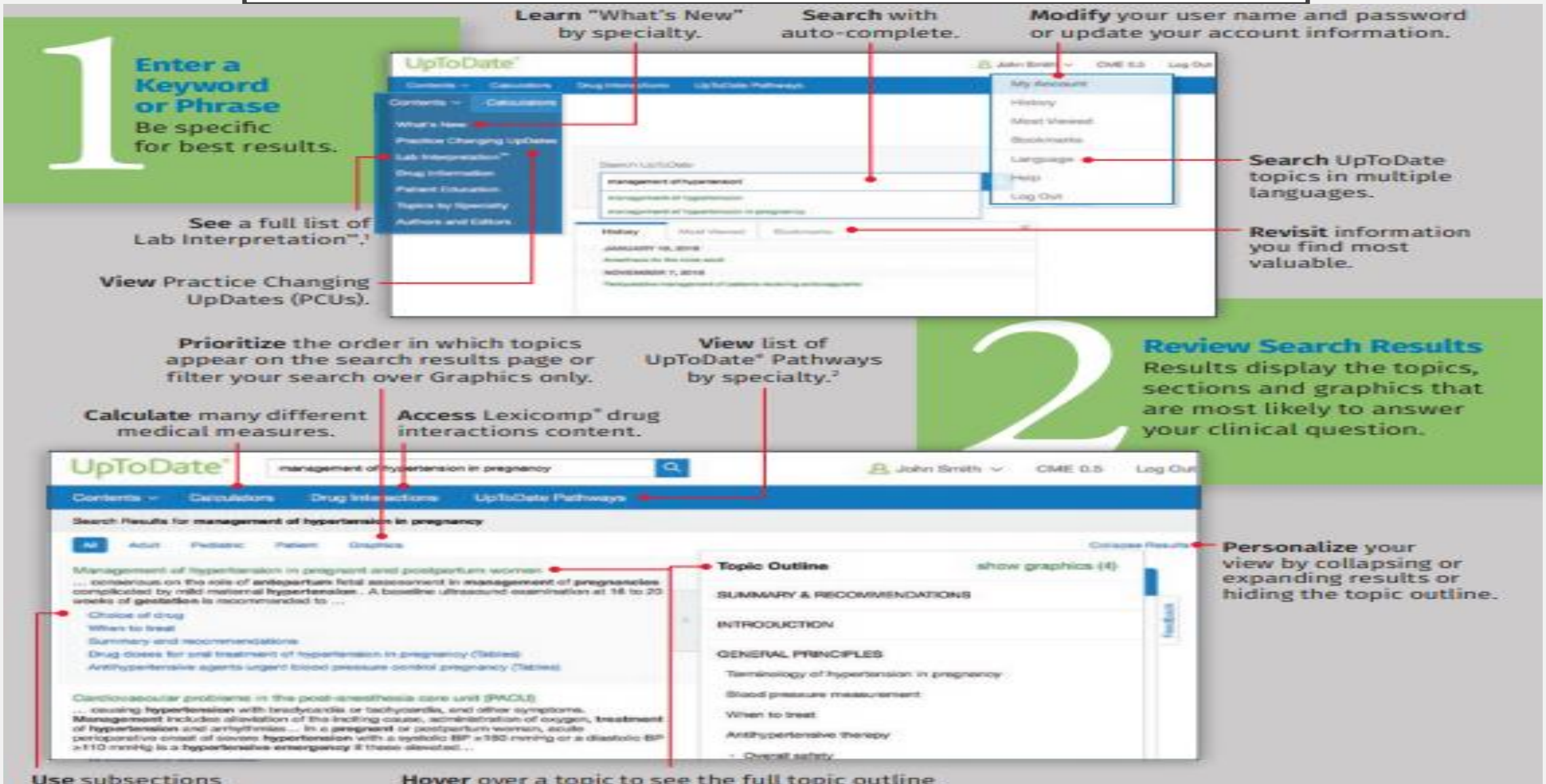
COMBINING SEARCH TERMS



UPTODATE

- UpToDate is a comprehensive clinical decision support resource used by professionals around the world to diagnose and treat specific health issues. It contains a range of information and is designed to be used at the point of care.
- UpToDate includes more than 7400 peer-reviewed topics; these are written by 3800 physicians who are experts in their respective fields. Each review is linked to Medline abstracts and a complete drug information database. An updated version of UpToDate is released every four months.

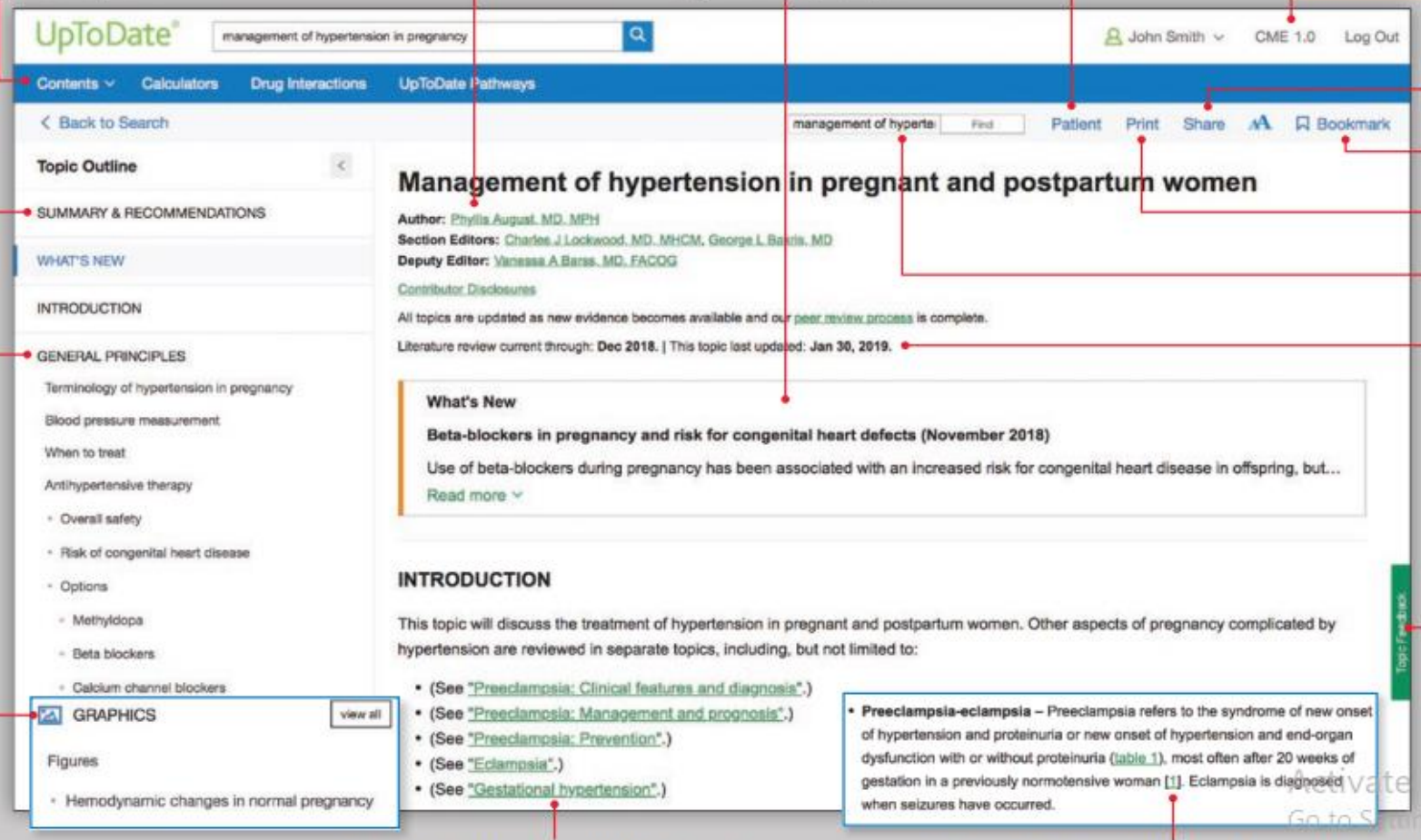
UPTODATE


1
Enter a Keyword or Phrase
Be specific for best results.
Learn "What's New" by specialty.
Search with auto-complete.
Modify your user name and password or update your account information.
See a full list of Lab Interpretation™.[1]
View Practice Changing UpDates (PCUs).
Search UpToDate topics in multiple languages.
Revisit information you find most valuable.
Prioritize the order in which topics appear on the search results page or filter your search over Graphics only.
View list of UpToDate® Pathways by specialty.[2]
Calculate many different medical measures.
Access Lexicomp® drug interactions content.
2
Review Search Results
Results display the topics, sections and graphics that are most likely to answer your clinical question.
Topic Outline
Personalize your view by collapsing or expanding results or hiding the topic outline.
Use subsections
Hover over a topic to see the full topic outline

UPTODATE

3 Research the Topic

Over 11,600 evidence-based medical topics provide the information you need for optimal patient care.



UPTODATE

- Click in the **Search UpToDate box** to search again.
- Click on the **What's New** tab to read summaries of the latest major medical findings within each specialty.
- Click on the **Patient Info** tab to access a list of available topics for downloading for patients.
- **Graphics** in UpToDate are denoted by phrases such as "show figure 1". You can access any graphic by clicking on these links. Graphics included in a topic review are also listed at the bottom of the topic outline.
- Click on a **drug name** in a topic review to access usual dosage, adverse reactions and more. You can also search for a drug name by typing it into the New Search box.

CLINICALKEY

Why clinicalkey:

- thousands of Elsevier's medical books, textbooks and very current journals
- Procedures Consult's procedural videos
- the First Consult POC information
- additional videos and images, practice guidelines, patient handouts, and drug information from Clinical Pharmacology
- thousands of clinical and other medical images and videos
- CME credits via the Cleveland Clinic

HOW TO GET INFORMATION FROM CLINICALKEY

- Search
- Browse

HOW TO GET INFORMATION FROM CLINICALKEY/ BROWSE

1. Access the ClinicalKey BROWSE menu

2. Select the desired Browse content type option.

3. The BROWSE RESULTS page displays for the selected content type.

4. Locate the desired content item using any combination of the following:

• Enable checkboxes in the FILTER BY menu, located on the left side of the page. Filter by options vary, depending on the content type. • Enter a full or partial title in the Find List by Title field. As you type, ClinicalKey uses “smart search” functionality to automatically display suggestions. • Click an alphabet letter link to filter the list alphabetically. • Use the scroll bars to navigate through the list.

5. Click the title link of the desired item to view its full content.

HOW TO GET INFORMATION FROM CLINICALKEY/SEARCH

1. Access the ClinicalKey Search Bar
2. Select a content source from the CONTENT TYPE drop down menu options.
3. Enter a full or partial search term in the Search field. Note: As you type, ClinicalKey uses “smart search” functionality to automatically display suggestions.
4. Click a link from the Suggestions drop down options.
5. The SEARCH RESULTS page
6. Locate the desired content item
7. Click the title link of the desired item to view its full content.

OVID

Basic Search | Find Citation | Search Tools | Search Fields | Advanced Search | Multi-Field Search

1 Resource selected | Hide | Change

Ovid MEDLINE(R) 1946 to Present with Daily Update

adverse effects opioid endocrine

Search

▾ **Limits** *(close)*

Include Multimedia

Include Related Terms

- Abstracts
- Evidence Based Medicine Reviews
- Review Articles
- Topic Reviews (Cochrane)
- Pharmacologic Actions
- Structured Abstracts
- Article Reviews (ACP Journal Club)
- Article Reviews (DARE)
- Core Clinical Journals (AIM)
- English Language
- Full Text
- Humans
- Latest Update

Publication Year - -

Additional Limits | Edit Limits

OVID

1. Basic search
2. Advanced search
3. Multi-filed search
4. Find citations

OVID/BASIC SEARCH

- Take your search question and remove the smaller connecting words, such as **in**, **the**, **on**, **for**. Keep the words related to the main concepts of your search. You do not need to include, and should not use, synonyms, Boolean operators **(OR / AND)**, or truncation **(*)**. Ovid will do this for you. In general, phrase searching should also be avoided.
- Type your simple search string into the search box.
- Tick the box next to **Include Related Terms**
- Click **Search**

OVID/SEARCH RESULTS

Search History (1) View Saved

# ▲	Searches	Results	Type	Actions	Annotations
1	Adverse effects opioid endocrine {Including Related Terms}	9284	Basic	Display Results | More	

Save Remove Combine with: AND OR

★★★★★

26. **Opioid** endocrinopathy: a clinical problem in patients with chronic pain and long-term oral **opioid** **treatment**.

Rhodin A; Stridsberg M; Gordh T.

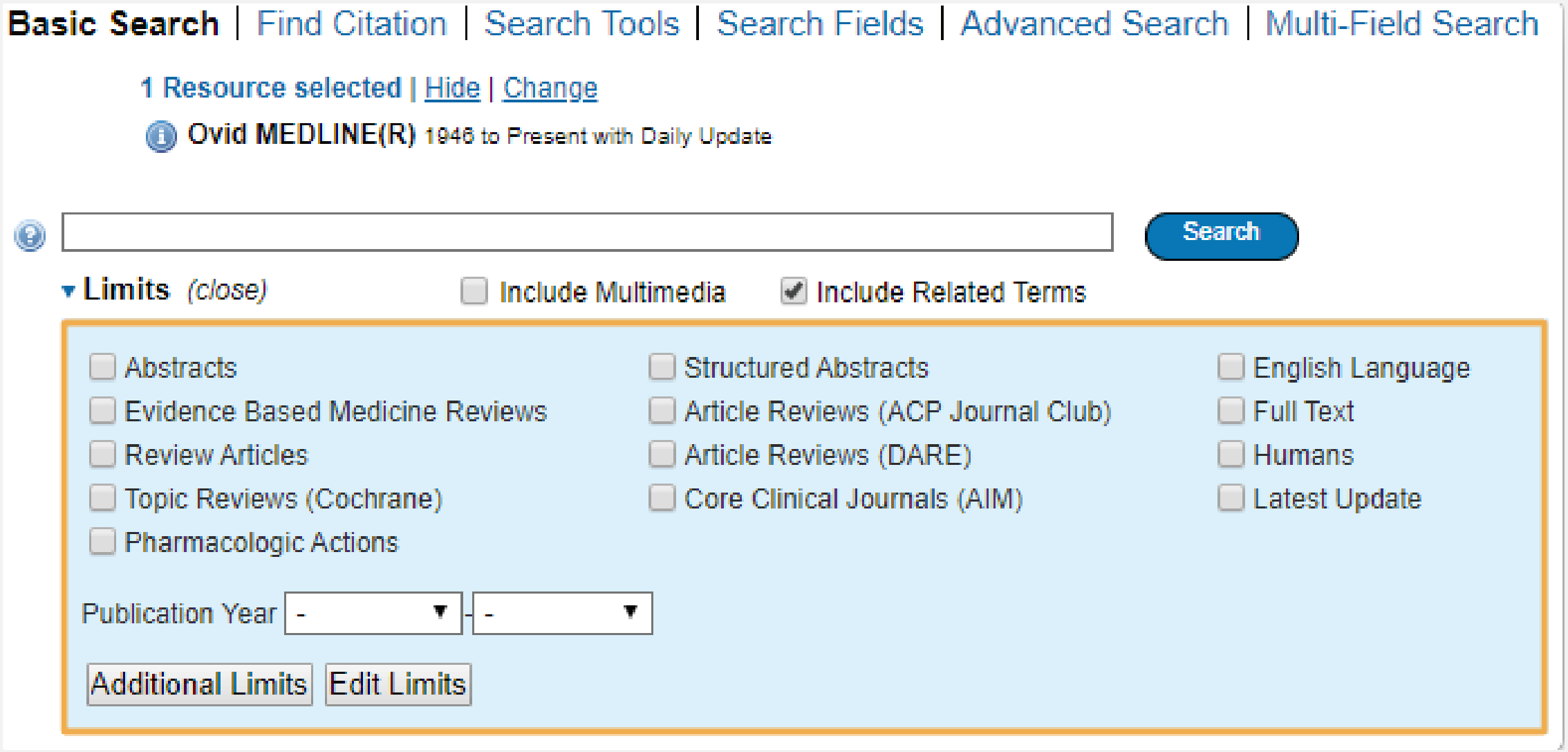
Clinical Journal of Pain. 26(5):374-80, 2010 Jun.

[Journal Article. Research Support, Non-U.S. Gov't]

UI: 20473043

BACKGROUND: The use of strong **opioids** for **treatment** of noncancer chronic pain has increased. However, strong evidence for sustained pain relief and improved function is lacking. Controversy prevails, whether hormonal changes are induced by long-term **treatment** with **opioids**. The purpose of this study was to investigate the occurrence of **endocrine** dysfunction in chronic pain patients on long-term **opioid** **treatment**.

OVID/SEARCH RESULTS/USING FILTERS



Basic Search | Find Citation | Search Tools | Search Fields | Advanced Search | Multi-Field Search
1 Resource selected | Hide | Change
Embase 1974 to 2017 May 22
Enter keyword or phrase
(* or $ for truncation)
Keyword
Author
Title
Journal
passive smoke
Search
Limits (expand)
Include Multimedia
Map Term to Subject Heading

EXAMPLE

- ‘Does the flu vaccine help reduce absenteeism in healthcare workers?

P	I	C	O
Health personnel Healthcare workers Healthcare staff Nurses Doctors Hospital staff etc.	Flu vaccine Influenza vaccination Influenza immunization etc.		Absence Sick leave Absenteeism etc.