

## Use drug link subheadings in Embase®

**TOPIC:** Biomedical information professionals often get questions about drug administration and dosage. These questions have two aspects:

- How can I find citations about the route of administration and/or drug dosage, including the relationship between dosage and its effects over time?
- How can I find articles about a specific route of administration of a specific drug?

**Embase®** indexing makes it easy to get timely and accurate answers. You can quickly find abstracts where the route of administration and dosage issues are significant parts of the article, and you can link particular routes of drug administration to a specific drug and make it a major descriptor term. For details and search aids on using EMTREE [click here](#). For a list of EMTREE routes of administration subheading links [click here](#).

You will search for articles about drug administration and dosage of Zocor® and find records about oral administration of this drug.

### COMMAND SUMMARY

**Database:** Embase

### Strategy

Use the Thesaurus to find the EMTREE term for Zocor

Use the preferred term and expand Qualifiers to find Drug administration and Drug dosage

Add to search

Use the Thesaurus to find the Qualifier for Oral drug administration


### Tips

Link qualifiers to thesaurus terms by using the LNK operator or double dashes. For example, mjemb(simvastatin lnk drug dose or simvastatin -- drug administration)

## SOLUTION – ADVANCED SEARCH

1. Browse the databases and click on **Embase**.

Pharmaceutical & Biomedical search >



**Databases**

- Adis Clinical Trials Insight
- Adis Pharmacoeconomics & Outcomes News
- Adis R&D Insight
- Adis Reactions Database
- Allied & Complementary Medicine™
- Analytical Abstracts
- BIOSIS Previews®
- British Library Inside Conferences
- British Nursing Index
- CAB ABSTRACTS
- Chemical Engineering & Biotechnology Abstracts
- Chemical Safety Newsbase
- Current Contents® Search
- Derwent Biotechnology Resource
- Derwent Drug File
- Derwent Drug Registry
- DIOGENES® FDA Regulatory Updates
- Drug Information Fulltext
- Ei Compendex®
- Embase®
- Embase® Alert
- EMCare®
- ESPICOM Pharmaceutical & Medical Device News
- FDAnews
- Gale Group Health Periodicals Database
- Gale Group PharmaBiomed Business Journals
- Gale Group PROMT®
- IMS Company Profiles
- IMS New Product Focus
- IMS Pharma Trademarks
- IMS R&D Focus
- IMS R&D Focus Drug News
- Incidence & Prevalence Database
- Inspec®
- International Pharmaceutical Abstracts
- KOSMET: Cosmetic Science
- Lancet Titles

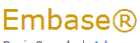

2. Click on **Advanced search** to go to the Advanced Search page.

You are searching: 1 database (See list | Change >)

0 Recent searches | 0 Selected items | My Research | Exit

< All databases

Cost Estimate | Preferences | English | Help ?



Basic Search | **Advanced** | Command Line | Pricing

Advanced search

Embase®

Embase® provides bibliographic citations and abstracts to comprehensive literature on drugs and pharmacology, and all other aspects of human medicine and related disciplines. The emphasis of the database is on the pharmacological effects of drugs and chemicals. Additional areas of coverage are human medicine and biological sciences relevant to human medicine, health affairs, drug and alcohol dependence, psychiatry, forensic science, pollution control, biotechnology, medical devices and alternative medicine.

Embase® is published with data from 1947. Shorter date-ranges are presented in some cases, based on subscription.

You have access to:

- Embase®; 1947 to date

Want to Learn More?

Try one of these options:

- Search the online Help.
- Sign up for a training webinar.
- Discover answers to common questions at ProQuest's Product Support Center.
- Got an uncommon question? Contact our Customer Support Team.

Search tip

By default, we will look for documents with all the terms entered.

Use "quotation marks" to search for exact phrases. Separate terms with OR to find any of the words entered.

Authoritative answers

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3. Click **Thesaurus**.

You are searching: 1 database (See list | Change >)

0 Recent searches | 0 Selected items | My Research | Help

< All databases

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Basic Search | Advanced | Command Line | Pricing

### Advanced Search

Look Up Citation

Thesaurus | Field codes | Tips

in All fields (no full text) - ALL

AND in All fields (no full text) - ALL

AND in All fields (no full text) - ALL

Add a row | Remove a row

Show number of results and stay on this page

Search

Search options 0 Recent searches

Limit to:  Abstract included  Humans  Animals  Females  Males  
 Clinical trials  Meta-analyses  MEDLINE

Date range: All dates

Last updated: All dates

Show less

Subject: Look up Subjects

Major subject: Look up Major subjects

Author: Look up Authors

Author affiliation:

Search by industry

Use search forms customized for each industry.

- Aerospace & Defense
- Automotive
- Chemistry

4. Enter the drug term.  
Choose the **Begins with** option.

< All databases

http://search.ea.proquest.com/professional/embase/thesaurus/browsepage/\$N/queryTermField?also=false?accountid=139337

ProQuest | Embase®

### EMBASE 2011 thesaurus

Search terms: zocor Find

Contains word(s)  Begins with (enter at least 2 characters)

Browse terms: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Using the thesaurus:

- Enter a term to find the matches in the thesaurus, or browse for a term.
- Select terms to add back into the search form.
- The [+ ] symbol before a term indicates there are narrower terms.

5. Emtree thesaurus reports that simvastatin is the preferred term. Click the plus sign next to **Qualifiers** to expand the list of qualifiers. Check the box for **drug administration**.

Since simvastatin has no narrower terms, deselect the box for **Explode to include narrower terms**.

Check the box to **Search as major subjects**.

The screenshot shows the Emtree 2011 thesaurus interface. The search term is 'zocor'. The 'Qualifiers' list is expanded, and the 'drug administration (AD)' checkbox is checked. The 'Explode to include narrower terms' checkbox is unchecked, and the 'Search as major subjects' checkbox is checked. The interface shows '1 terms selected view'.

6. Scroll down and check the box for **drug dosage**.

Press **Add to search**.

The screenshot shows the Emtree 2011 thesaurus interface. The search term is 'zocor'. The 'Qualifiers' list is expanded, and the 'drug administration (AD)' and 'drug dose (DO)' checkboxes are checked. The 'Explode to include narrower terms' checkbox is unchecked, and the 'Search as major subjects' checkbox is checked. The interface shows '2 terms selected view'.

7. The search statement has been entered into the Advanced Search form. Choose limiters including **Humans**.

You are searching: 1 database (See list | Change >) 0 Recent searches | 0 Selected items | Eng

< All databases Cost Estimate | Preferences | Eng

ProQuest Dialog DataStar Embase® Basic Search | Advanced ▾ | Command Line | Pricing

### Advanced Search

Look Up Citation

Thesaurus | Field

EXACT("simvastatin -- drug dose" OR "simvastatin -- drug administration") in Major subject — MJEMB

AND ▾ in All fields (no full text) - ALL

AND ▾ in All fields (no full text) - ALL

Add a row | Remove a row

Show number of results and stay on this page

Search options (✔ limits applied) 0 Recent searches

**Limit to:**  Abstract included  Humans  Animals  Females  Males  
 Clinical trials  Medication analysis  MEDLINE

**Date range:** All dates ▾

**Last updated:** All dates ▾

Show less ▲

**Subject:** Look up Subjects

**Major subject:** Look up Major subjects

**Author:** Look up Authors

**Author affiliation:**

Search by industry

Use search forms each industry.

Aerospace Defense

Automotive

Chemistry

8. Scroll down and choose the limiter for articles published in **English**. Then press **Search**.

**Source type:**  Select all

- Book
- Book Series
- Conference Proceedings
- Journal
- Report
- Trade Journal

**Language:**  Select all

- Danish
- Dutch
- English
- Esperanto
- Estonian
- Finnish
- French
- Georgian

**Age group:**  Select all

9. Results return. Browse titles. Records are sorted by relevance. You can sort by date in ascending or descending order. You can use **Narrow results by** functions, including a **Date slider**. **Select** records to view later.

Search results for: mjemb.EXACT("simvastatin -- drug dose" OR "simvastatin -- drug administration")

Additional limits - Humans; Language: English

1051 Results\* Search within

5 Selected items [Clear] Save to My Research Email Print Cite Export Save as file

Select 1-20 Brief view Detailed view

- 1 [Effect of Moderate and High-Dose Simvastatin on Asymmetric Dimethylarginine-Homocysteine Metabolic Pathways in Patients with Newly Detected Severe Hypercholesterolemia](#) (Oct 2011) Pricing Found in: Embase®
- 2 [Simvastatin in traumatic brain injury: Effect on brain edema mechanisms](#) (Oct 2011) Pricing Found in: Embase®
- 3 [Donor simvastatin treatment abolishes rat cardiac allograft ischemia/reperfusion injury and chronic rejection through microvascular protection](#) (Sep 6, 2011) Pricing Found in: Embase®
- 4 [Simvastatin dosing restrictions: monitoring amiodarone therapy](#) (Sep 2011) Pricing Found in: Embase®
- 5 [PPARα mediates the anti-inflammatory effect of simvastatin in an experimental model of zymosan-induced multiple organ failure](#) (Jun 2011) Pricing Found in: Embase®
- 6 [A pilot study of the short-term use of simvastatin in sickle cell disease: Effects on markers of vascular dysfunction](#) (Jun 2011) Pricing Found in: Embase®
- 7 [Evaluating optimal lipid levels in patients with mixed dyslipidemia following short- and long-term treatment with fenofibric acid and statin combination therapy: A post hoc analysis](#) (May 2011) Pricing Found in: Embase®

Sort results by: Relevance

Narrow results by: Record type, Source type, Author, Language, Publication title, Subject, Substance, Date (1988 - 2011)

10. From **Advanced Search** and the Thesaurus look-up, follow the steps shown above, and scroll down through the qualifiers for simvastatin to check the box for **oral drug administration**. Check the box for **Search as major subjects**.

Press **Add to search**.

ProQuest Dialog DataStar EMBASE Basic Search

Advanced Search Look Up Citation

Search terms:  Find

Browse terms: All 0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Subject terms found:

- intrathecal drug administration (TK)
- intratumoral drug administration (TU)
- intratympanic drug administration (TY)
- intraurethral drug administration (UR)
- intrauterine drug administration (UT)
- intravaginal drug administration (VA)
- intravenous drug administration (IV)
- intravesical drug administration (VE)
- intravitreal drug administration (VI)
- oral drug administration (PO)
- parenteral drug administration (PA)
- periocular drug administration (OC)
- pharmaceuticals (PR)
- pharmacoeconomics (PE)

Combine using:  OR  AND  NOT

Explode to include narrower terms

Search as major subjects

1 terms selected view Add to search Close

11. After ProQuest Dialog adds the search to the Advanced Search form, press Search. Browse titles.

You can look at full records by clicking titles, or by clicking **Selected items**. Email, print, cite, export or save selected records by clicking on the corresponding icon. You can also easily create a Saved Search, Alert or RSS feed based on your search strategy.

The screenshot displays the ProQuest Embase search interface. At the top, it indicates the search is in 1 database. The search query entered is "mjemb.EXACT("simvastatin -- oral drug administration")". The results page shows 402 results, with 9 items selected. A red box highlights the "9 Selected items [Clear]" button. Below this, there are options to "Save to My Research", "Email", "Print", "Cite", "Export", and "Save as file". The results list includes:

- 1 Pilot trial of simvastatin in the treatment of sporadic inclusion-body myositis (Oct 2011) [Preview] [Pricing] Found in: Embase®
- 2 Simvastatin in traumatic brain injury: Effect on brain edema mechanisms (Oct 2011) [Preview] [Pricing] Found in: Embase®
- 3 A comparative study of antioxidant vitamins and simvastatin in hypercholesterolemic rabbits (Oct 2011) [Preview] [Pricing] Found in: Embase®
- 4 Simvastatin protects against the development of monocrotaline-induced pulmonary hypertension in rats via a heme oxygenase-1dependent pathway (Oct 2011) [Preview] [Pricing] Found in: Embase®
- 5 Administration of simvastatin after kainic acid-induced status epilepticus restrains chronic temporal lobe epilepsy (Sep 19, 2011) [Preview] [Pricing] Found in: Embase®
- 6 Donor simvastatin treatment abolishes rat cardiac allograft ischemia/reperfusion injury [Preview]

On the right side, there are options to "Sort results by: Relevance" and "Narrow results by: Record type, Source type, Author, Language, Publication title, Subject, Substance, Date".