



# Embase vs. Scopus – What's the Difference?



# Embase uses Emtree to Search

## How is this different?

A taxonomy aided search explores (biomedical) synonyms and the underlying concepts and terms.

## Why is this important?

A taxonomy aided search will yield more accurate and comprehensive results. When dealing with growing amounts of information, precision is key.

## Who benefits?

Any searcher who needs a comprehensive result set: a systematic reviewer, a drug or device tracker, etc.



# So Search Results Include Articles with all Typed Terms and Synonyms

1. Emtree has > 70,000 **preferred terms** for searching (*these are the terms displayed with records*), including over 30,000 drugs (MEDLINE has only 27,000 terms, including ~8,500 drugs)
2. Emtree has > 290,000 **synonyms**, which can be used for searching since they **map** to the preferred terms (Scopus has no synonyms, so fewer terms are available for searching)
3. Emtree has an extensive **tree structure** making it possible to search on **groups** of terms (e.g. all monoclonal antibodies) (Such searches are impossible on Scopus, which has no tree hierarchy — e.g. a Scopus search on "heart attack" misses records mentioning "myocardial infarction" or articles indexed using the Emtree term "heart infarction")

## Additional information:

Drug and disease terms are qualified by **searchable sub-headings** (e.g. **drug therapy**) describing their precise role in the article

## What is mapping?

Mapping means that searchers get the **same results** regardless of which term they use, e.g. **Vioxx** (synonym) or **rofecoxib** the preferred term)

# Embase Includes Subheadings

## How is this different?

Embase has subheadings, which provide detailed drug or disease context.

## Why is this important?

Subheadings can reveal a great deal of information about the full text article, allowing for easier and better (more accurate) content filtering.

## Who benefits?

Any searcher who needs to shift through a gigantic stack of literature and needs help in drilling down to a relevant selection.

### Disease Search

The screenshot displays the 'Disease Search' interface. At the top is a search input field. Below it is a navigation bar with tabs: 'Search' (active), 'Mapping', 'Date', 'Fields', 'Sources', 'Disease', and 'Quick lim'. Under the 'Disease' tab, the section 'Disease subheadings' is visible. It contains two columns of checkboxes for filtering results. The first column includes: 'Complication', 'Congenital disorder', 'Diagnosis', 'Disease management', 'Drug resistance', and 'Drug therapy'. The second column includes: 'Epidemiology', 'Etiology', 'Prevention', 'Radiotherapy', 'Rehabilitation', and 'Side effect'. At the bottom, there are two radio buttons for logical operators: 'OR' (selected) and 'AND'.

Disease subheadings	
<input type="checkbox"/> Complication	<input type="checkbox"/> Epidemiology
<input type="checkbox"/> Congenital disorder	<input type="checkbox"/> Etiology
<input type="checkbox"/> Diagnosis	<input type="checkbox"/> Prevention
<input type="checkbox"/> Disease management	<input type="checkbox"/> Radiotherapy
<input type="checkbox"/> Drug resistance	<input type="checkbox"/> Rehabilitation
<input type="checkbox"/> Drug therapy	<input type="checkbox"/> Side effect

☒ OR ☐ AND