



به نام خدا

# جستجوی منابع ۲

## Literature review 2

احسان شهرستانکی

کارشناسی ارشد اپیدمیولوژی

دانشگاه علوم پزشکی البرز

مرکز تحقیقات بیماری های غیر واگیر

# ISI/ Web of Science (WoS)

Needed subscription

Oldest Multidisciplinary Database that includes:

- ~ 12,500 Journals

- > 150,000 conference Papers

- > 30,000 Scientific eBooks

- 38,000,000 Articles/ Records

Has 3 citation databases:

- Art & Humanities Citation Index: ~ 1700 Journals

- Social Sciences Citation Index: ~ 3000 Journals

- Science Citation Index Expanded: ~ 8500 Journals

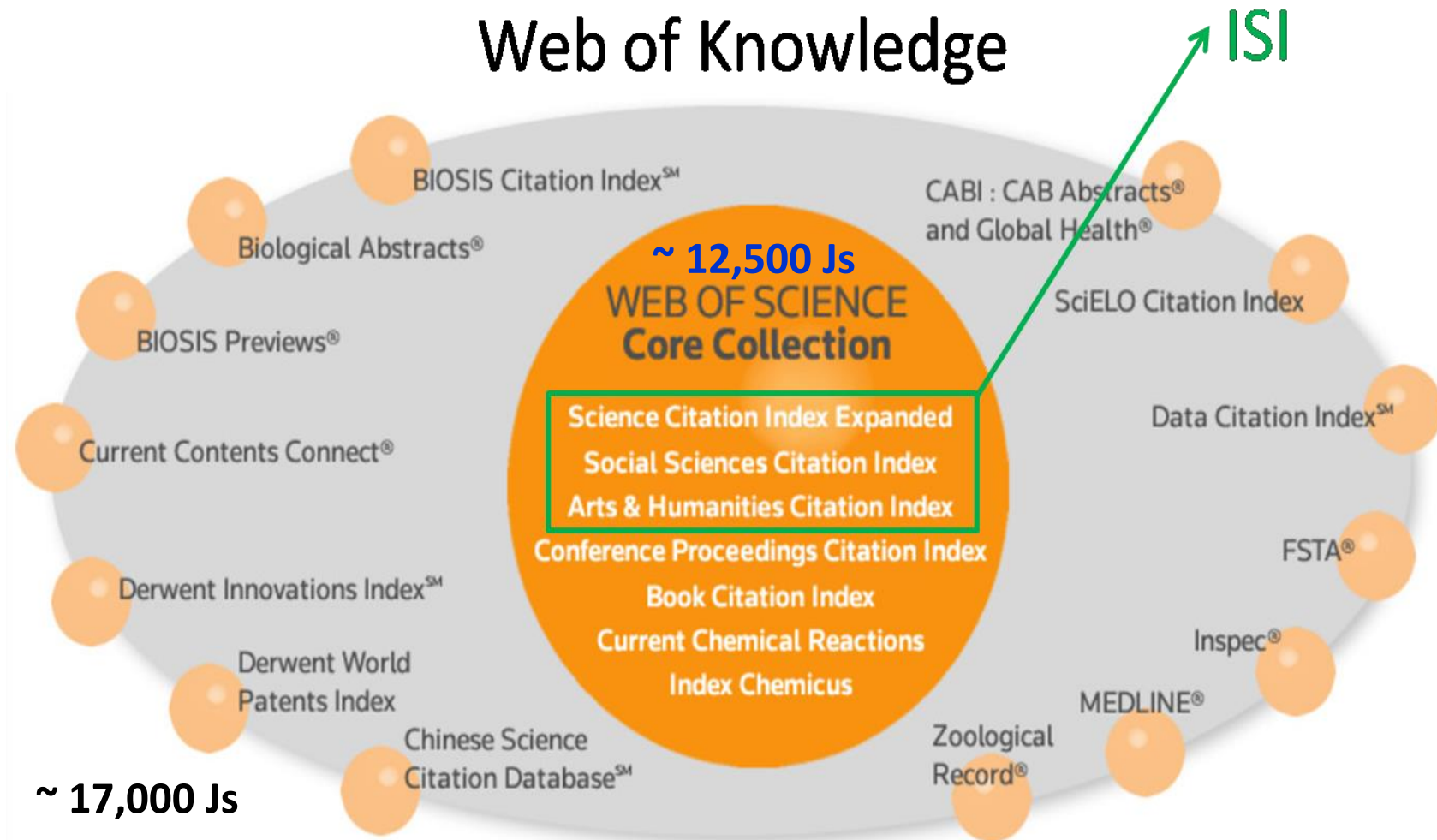
Time Coverage is:

- Art & Humanities Citation Index: (1975- present)

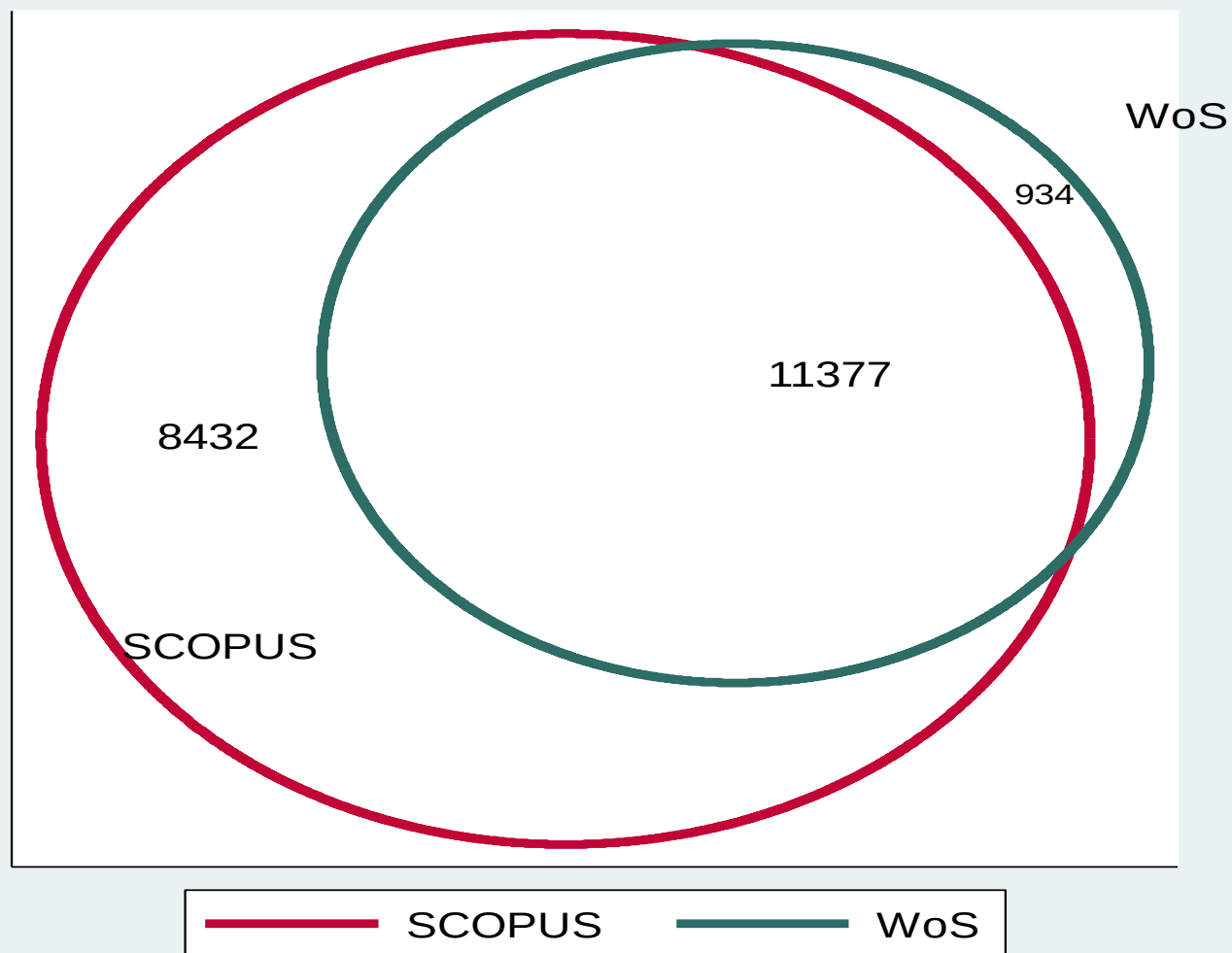
- Social Sciences Citation Index: (1956- present)

- Science Citation Index Expanded: (1900- present)

# ISI/ Web of Science (WoS) / Web of Knowledge (WoK)



# ISI Web of Sciences versus SCOPUS



# EMBASE

Needed subscription

The Database includes:

- ~ 4800 peer-reviewed Journals

- ~ 1800 Journals are common between EMBASE and MEDLINE

Subjects Coverage are:

- Pharmacology & Toxicology

- Clinical & Experimental Medicine

- Biotechnology & Biomedical Engineering

- Health Policy & Management

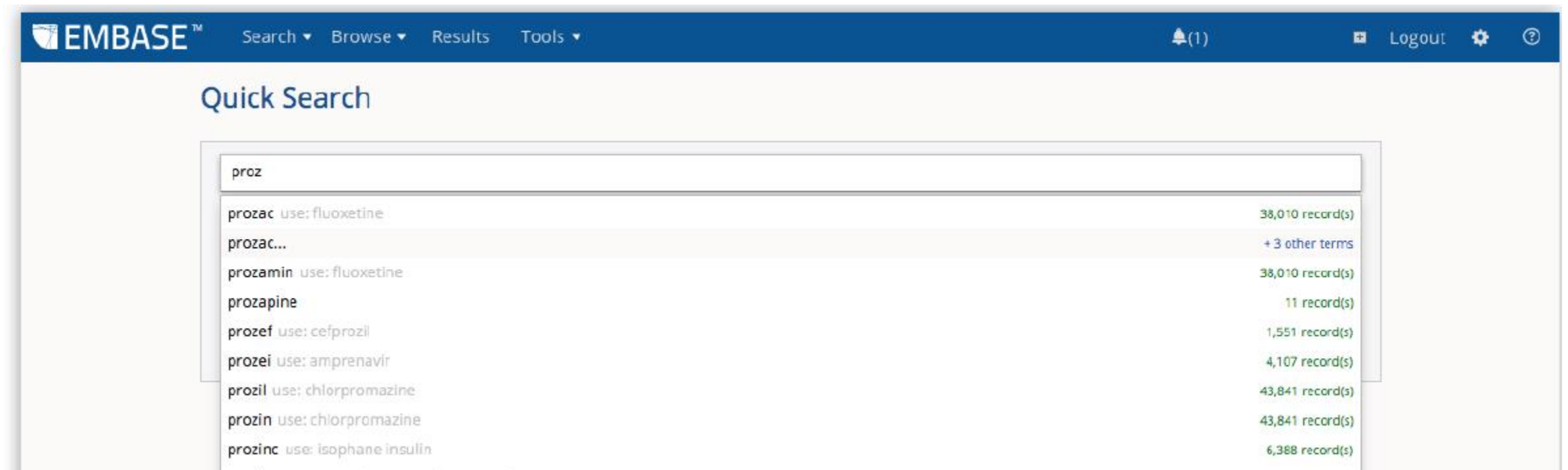
- Occupational & Environmental Health

- Veterinary medicine

- Dentistry & Nursing

# Search options

Embase has six search options: Quick, Advanced, Drug, Disease, Device and Article. You can choose your search option from the Search dropdown menu at the top left of any page.



The screenshot displays the Embase Quick Search interface. At the top, a blue navigation bar contains the 'EMBASE' logo, a search dropdown menu, and links for 'Search', 'Browse', 'Results', and 'Tools'. On the right side of the bar are a notification bell with '(1)', a 'Logout' button, and settings/help icons. Below the navigation bar, the 'Quick Search' section is visible. A search input field contains the text 'proz'. Below the input field, a list of search results is displayed, each with a term, a usage note, and the number of records found. The results are as follows:

| Search Term | Usage Note            | Record Count     |
|-------------|-----------------------|------------------|
| proz        |                       |                  |
| prozac      | use: fluoxetine       | 38,010 record(s) |
| prozac...   |                       | + 3 other terms  |
| prozamin    | use: fluoxetine       | 38,010 record(s) |
| prozapine   |                       | 11 record(s)     |
| prozef      | use: cefprozil        | 1,551 record(s)  |
| prozei      | use: amprenavir       | 4,107 record(s)  |
| prozil      | use: chlorpromazine   | 43,841 record(s) |
| prozin      | use: chlorpromazine   | 43,841 record(s) |
| prozinc     | use: isophane insulin | 6,388 record(s)  |

# Advanced Search

- The Advanced Search form contains the essential set of options to limit your search to a specific set of results. For example, you can limit your search to a particular range of years or publication types, focus your search on particular subject ages, or on one gender.

## Advanced Search

"cancer gene therapy"

Search

Mapping

Date

Sources

Fields

Quick limits

EBM

Pub. types

Languages

Gender

Age

Animal

### Embase mapping options

- ☒ Map to preferred term in Emtree
- ☒ Search also as free text in all fields
- ☒ Explode using narrower Emtree terms
- ☒ Search as broadly as possible

Clear page selections

Collapse

## Advanced Search

"cancer gene therapy"

Search

Mapping

Date

Sources

Fields

Quick limits

EBM

### Date limits

☒ Publication Years from:

2012

to

2012

☐ Record

(dd/mm/yy)

If the date is not specified, then all years will be included

## Advanced Search

"cancer gene therapy"

Search

Mapping

Date

Sources

Fields

Quick limits

EBM

Pub. types

Languages

### Publication types



# Drug Search

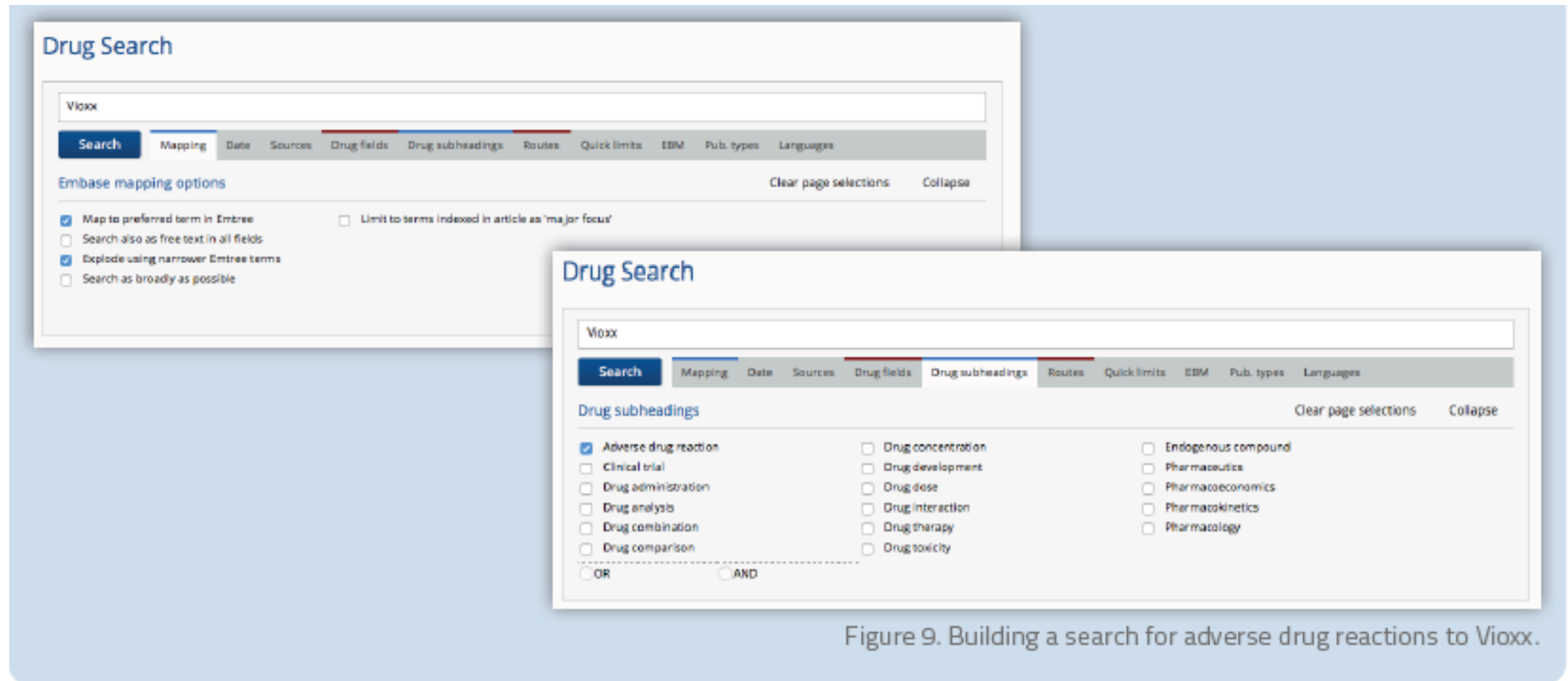


Figure 9. Building a search for adverse drug reactions to Vioxx.

## Disease Search

diabetes

Search

Mapping

Date

Sources

Fields

Disease subheadings

Quick limits

EBM

Pub. types

Languages

### Embase mapping options

Clear page selections

Collapse

- ☒ Map to preferred term in Embree
- ☐ Search also as free text in all fields
- ☒ Explode using narrower Embree terms
- ☐ Search as broadly as possible

☐ Limit to terms indexed in article as 'major focus'

## Disease Search

diabetes

Search

Mapping

Date

Sources

Fields

Disease subheadings

Quick limits

EBM

Pub. types

Languages

### Disease subheadings

Clear page selections

Collapse

- |                                              |                                                |                                  |
|----------------------------------------------|------------------------------------------------|----------------------------------|
| <input type="checkbox"/> Complication        | <input type="checkbox"/> Epidemiology          | <input type="checkbox"/> Surgery |
| <input type="checkbox"/> Congenital disorder | <input type="checkbox"/> Etiology              | <input type="checkbox"/> Therapy |
| <input type="checkbox"/> Diagnosis           | <input checked="" 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

Figure 11. Building a search to find information on diabetes and prevention.

# Device Search

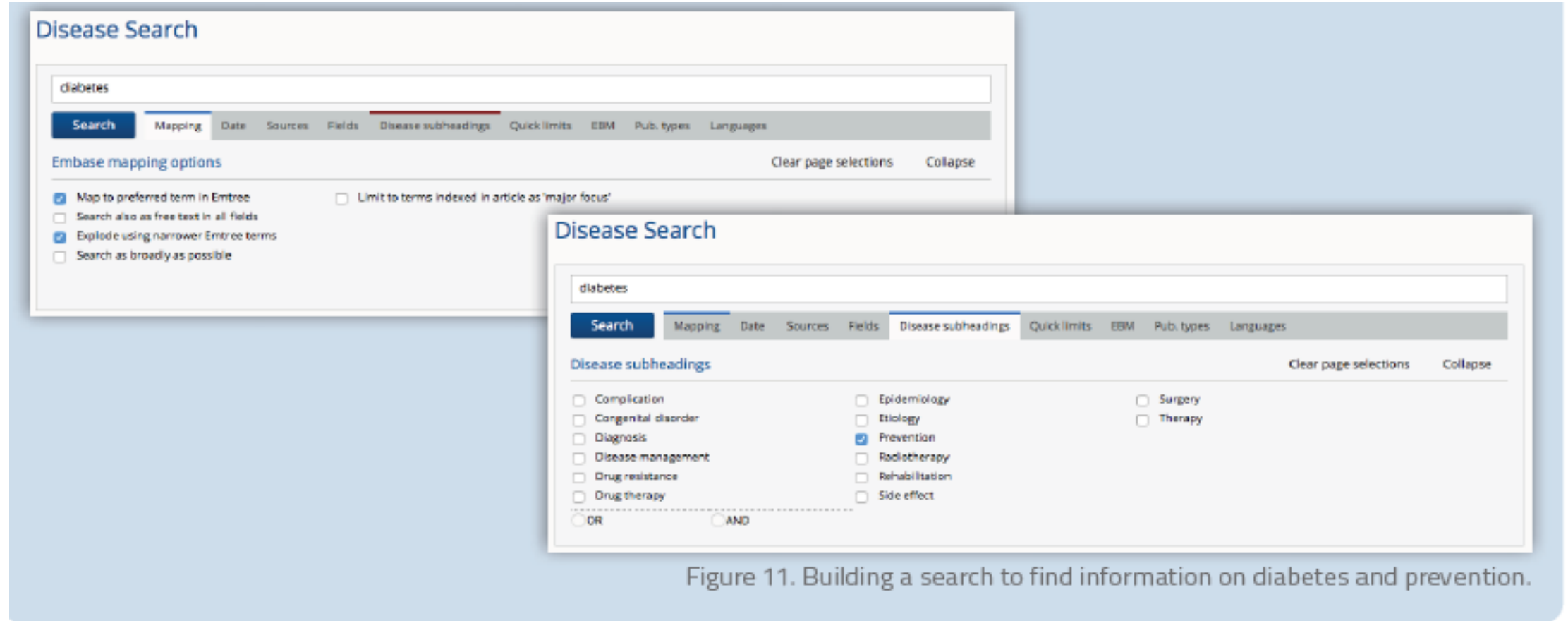


Figure 11. Building a search to find information on diabetes and prevention.

# Google Scholar

- One of the specific services of Google
- The source coverage has not reported, but theoretically all of scientific journals (peer-reviewed or non peer-reviewed) that accessible on WWW could be covered.
- Google Scholar could be as Gold Standard for Scientometric/ Bibliometric analysis (comparing assessed Database(s) with Google Scholar by similar searching)
- Google Scholar records include:
  - Articles
  - Books
  - Technical Report
  - Theses
  - Patents
  - Other scholar documents

# Google Scholar

- Several Investigations showed that Google Scholar has the highest coverage in medical/biomedical sciences.
- An evaluation study on Google Scholar showed that has higher coverage for:
  - Open Access (OA) Journals
  - English language Journals
  - Publisher / Platform provided Journals
- Google Scholar has the lower coverage for:
  - non-Open Access (OA) Journals
  - non-English language Journals
  - bibliographic databases

# What is Trip?

- Trip is a clinical search engine designed to allow users to quickly and easily find and use high-quality research evidence to support their practice and/or care.
- Trip has been online since 1997 and in that time has been searched over 125 million time the internet's premier source of evidence-based content

# Usage of Trip

- Our most recent survey indicated that approximately 70% of our users were clinicians and 30% were non-clinical e.g. information specialists, patients or carers. Of the 70% of clinician users about 50% were doctors with an even split between primary and secondary care.

# How frequently is Trip updated?

- Trip is updated using a number of methods. The content from [PubMed](#) is typically added every two weeks while content added manually (mostly our secondary evidence) is added once per month (typically around the middle of the month).