## From PubMed to Embase

# ELSEVIER

## Tips for Translating Search Queries

Are you wondering why and how to replicate your PubMed searches in Embase? Join us to learn the benefits of using Embase and how to optimize the PubMed to Embase translation process. Leverage the power of Embase's comprehensive literature coverage and detailed indexing using Emtree terms (subject headings).

#### Lecturer



Welcome! We'll start at 1:03 p.m. Eastern Time.

María José (Majo) Dávila-Rodríguez, PhD

Customer Success Consultant, Chemistry & Life Sciences
ELSEVIER



# From PubMed to Embase

Tips for Translating Search Queries

March 2025 María José (Majo) Dávila-Rodríguez, PhD

## From PubMed to Embase

## Tips for Translating Search Queries





# María José (Majo) Dávila-Rodríguez, PhD

Customer Success Consultant, Chemistry & Life Sciences ELSEVIER

- Supports users from academic and government institutions worldwide.
- Demonstrates integration of Elsevier's Researcher Tools and Databases in Chemistry and Life Sciences.
- Enhances learning, teaching, and research activities.

Educational and Research Background: Chemistry.

# Agenda



- Get to know Embase
- How to bring PubMed searches to Embase?
- Q&A

**Today's Goal:** By the end of this session, participants will have the necessary foundations to effectively translate their PubMed searches to Embase and leverage the power of Embase's comprehensive literature coverage and detailed indexing.

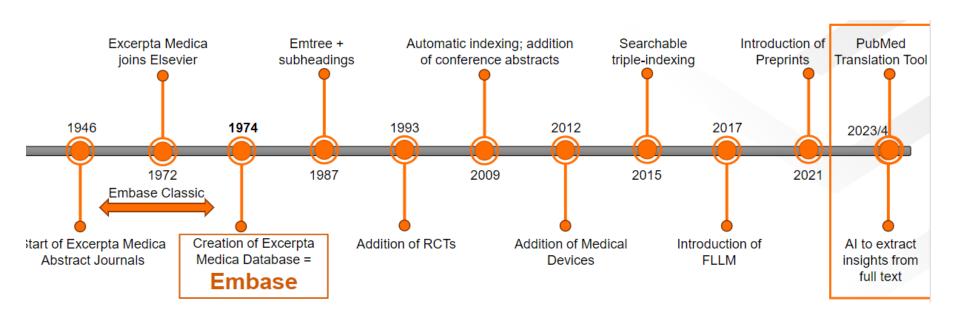
# Get to know Embase

Features & Content

# +50 Years of Embase success!



We've come a long way from manually indexing abstracts...



# How does Embase address your requirements?





### **Comprehensive**

- 45M+ records from journals, conference abstracts and pre-prints
- **3000 journals unique** to Embase
- Strong focus on drugs, disease and medical device



#### **Up-to-date**

- Records added daily
- Emtree terms are updated 3 times per year



#### **Dedicated search forms/ features**

- PICO and Medical device Search form for complex searches as SR, CER and PMS
- Save and Export searches
- Email alerts on new articles



#### **Deep Indexing with Emtree**

- Full articles\* indexed manually
- Triple-linking for discovering deeper and extended relationship with subheadings (qualifiers)



#### **Medical Device focus**

- Device concepts
- Device tradenames
- FDA GMDN names and etc



#### **Recommended by authorities**

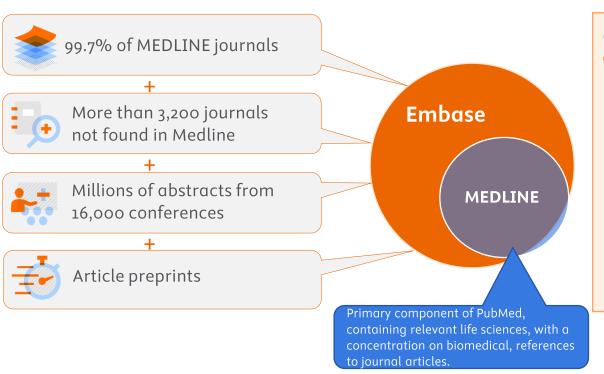
- European Commission
- Cochrane Handbook
- WHO
- NICE and more.



# Embase content provides more comprehensive results



#### Embase contains:



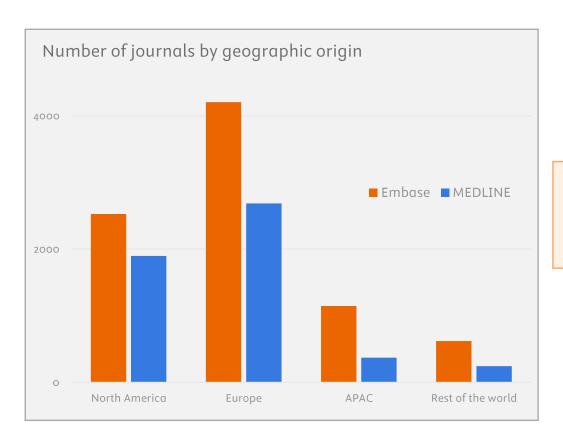


- With Embase, researchers have access to nearly all MEDLINE journals.
- Embase provides access to a huge amount of information that is not part of MEDLINE.
- Literature searches in Embase provide more comprehensive results.



# Embase covers more international journals







Monitoring the global research landscape is critical for R&D, regulatory compliance, informed decisions, and public health efforts.

# Better accuracy with manual expert indexing from full text with Emtree



Interdisciplinary Neurosurgery: Advanced Techniques and Case Management 24 (2021) 101092

Contents lists available at ScienceDirect

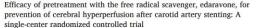


Interdisciplinary Neurosurgery: Advanced Techniques and Case Management



iournal homepage: www.elsevier.com/locate/inat

#### Research Article





Department of Neurology, Kansai Medical University, Hirakana, Osaka, Japan

#### ARTICLE INFO

#### Keywords: Carotid stenosis Cerebral hyperperfusion syndrome

Cerebral hyperperfusion syndrome Free radicals Single-photon emission computed tomography

#### .....

Objective: Optimal therapy to avoid cerebral hyperperfusion (CHP) after carotid artery stenting (CAS) is yet to be established. The purpose of this study was to determine whether pretreatment with a free radical scavenger, edaravone, could prevent CHP after CAS.

Mothack A prospective, randomized, controlled, single-center trial was conducted between Agril 2011 and January 2018. Eligible patients were those the underwore CAS objects were randomly assigned to receive (education group) or not receive (control group) administration of education before sent deployment. The optimacy nutrous was occurrance of CIP immediately (within 1) and next CAS. Cerebrils both offsow (CIP) was assessed in the middle cerebral surery (MCA) region and the cerebrils bensiphere using single-plotton emission composed tomography (WCET) before and immediately after CAS. The asymmetry (stock (AI)) was defined as AI > 1209 in immediately after CAS.

Results: The trial was stopped ahead of schedule due to poor recruitment. Among 52 participants, 51 completed the trial (classroom group, n = 25, control group, n = 26). CIP occurred in 2/25 patients (8%) in the elastroom group and in 1/26 patients (4%) in the control group, with no significant difference between the groups (P = 0.610).

Conclusion: Pretreatment with edaravone appeared not to be associated with reduction in the occurrence of CHP immediately after CAS.

#### 1. Introduction

Cerebral hyperperfusion (CHP) syndrome (CHS) is a serious complication of carotid endarterectomy (CEA) and carotid artery stenting (CAS), with a reported incidence of 0.21% to 7.96% [1,2]. One an intracranial hemornhage occurs, serious smothlidity or mortality and follow [3]; thus, prevention of CHS is an important issue in carotid revascularization therapy. The only preventive therapy that has thus far

been accepted as effective is strict blood pressure control, but this alone does not completely avoid occurrence of CHS [3-5].

A case cohort study found that pretreatment with a free radical scavenger, editarvone, reduced the occurrence of GHP, as measured by single-photon emission computed from Group My (SPCT) after CEA (I.G. CHP is a significant predictor of GHS [7,8], and therefore, it is important to control CHP to prevent development of GHS. Free radicals are produced in the central nervous system during reperfusion and are thought.

Abbresiation: ACZ, acctaniumide, Al, asymmetry index, CAS, caretid arisery stenting. CBF, cerebral blood flow, CBA, caretid endarterectomy; CHP, cerebral hyperperfusion; CISS, cerebral hyperperfusion syndrome; CT, compared tomography; CVR, cerebravascular reactivity; DVR, diffusion-weighted imaging; EA, in-ternal caretid array; MIS-LVI, anadomidaldeythe-modified tow-density lapoperture in a transport of the compared to the com

\* Corresponding author at: 2.5-1 Shinmachi, Hirakata, Osaka 573-1010, Japan.

E-mail addresse: tumetta@birakata.kmma.ejp (T. Kanieda), tukumyk@yahoo.co.jp (K. Miyake), hais moon-\$5105a@yahoo.co.jp (H. Sakamoto), nakamuma@birakata.kmma.ejp (T. Kanieda), yakushiji, hirakata.kmma.ejp (T. Kanieda), yakushiji, hirakata.kmma.ejp (T. Kanieda), tukushiji, hirakata.kmma.ejp (

https://doi.org/10.1016/i.inat.2021.101092

Received 3 September 2020; Received in revised form 17 December 2020; Accepted 1 January 2021

Available online 7 January 2021

2214-7519/© 2021 The Author(s). Published by Elsevier B.V. This is an open access article under the CC BY-NC-ND license

Embase

**MEDLINE\*** 

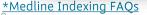
Title Automatic and manual Automatic

**Abstract** Automatic and manual Automatic

Full text Manual Not indexed



Deep full text indexing with manual expert curation in Embase helps uncover critical content that is missing when indexing is done automatically and from title and abstract only. See <a href="here">here</a> a study investigating this in detail.



#### What is Emtree?



# Emtree is a controlled vocabulary for Biomedicine and related Life Sciences



#### Natural Language

- · Easy to search with precision and high recall
- 81,000+ preferred terms and 355.000+ synonyms that map to the preferred term
- Include all MeSH terms from MEDLINE



#### A polyhierarchical thesaurus

- A term can appear in multiple levels → easier to find relevant concepts
- Unambiguous explosion searches (/exp)



#### **Coverage**

- 5000+ device concept terms, 13000 device tradenames, 25500 alternative concepts, 5500 GMDN names
- 204,000+ Chemical names, trade names, laboratory/research codes, generic drugs and chemicals (FDA, EMEA and WHO)



#### **Up-to-date**

- Latest drugs, medical devices, procedures and diseases are indexed and added three times per year (with back-posting of older records).
- Includes all drug generic names by FDA and EMA, tradenames of devices approved by FDA (2015-2021), all International Non-Proprietary Names (INNs) by WHO



# Full-text indexing with Emtree





Search

Emtree Journals

irnals Results

Results My tools

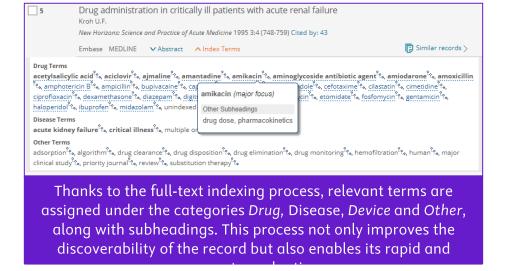


Sign in

#### From this...

Drug administration in critically ill patients with acute renal failure.
Kroh UF <sup>1</sup>
Author information >
New Horizons (Baltimore, Md.), 01 Nov 1995, 3(4):748-759 PMID: 8574606 Review
Share this article 🖾 🔰 🛅 🕇
Abstract
Patients with acute renal failure are commonly treated by continuous renal replacement therapies. To understand drug disposition in multiple organ failure patients, the pharmacokinetics of 18 drugs were evaluated in 243 patients. Continuous hemofiltration served as a model for constant elimination rates. In addition, the elimination of drugs was investigated during extracorporeal lung support. The dosage of 11 of 15 drugs had to be reduced as a result of these kinetic studies. Wide variability in volumes of distribution, clearances, and the extrarenal fractions of elimination were detected. There was a close correlation of the latter with Acute Physiology and Chronic Health Evaluation II scores of illness severity. A new algorithm was developed for primary estimates of drug dosage during hemofiltration and other organ support systems. Two in vitro studies confirmed the clinical results on drug sieving and provided important information on adsorption to membranes. A clinical validation study of the algorithm improved drug dosage. A simplified therapeutic drug monitoring approach is given.
No specific drug is mentioned in the title or

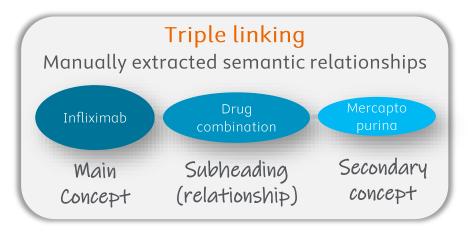
#### to this!





# Emtree: Triple-linking

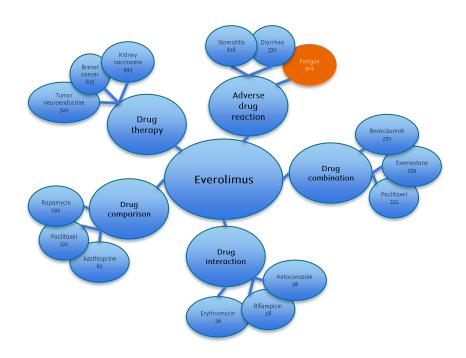




## Subheadings (Qualifiers):

- Drugs;
  - Administration Routes;
- Diseases;
- Medical devices.

Triple linking allows more focused searches. Ex.:



**Search strategy:**'everolimus'/'adverse drug reaction'/'fatigue' **Embase** 

<sup>\*</sup>Emtree includes all terms from MeSH, the MEDLINE thesaurus.

# Emtree: Triple-linking



Also, triple linking reveals relationships between concepts to find relevant

content with minimal effort:

#### **Drug subheadings:**

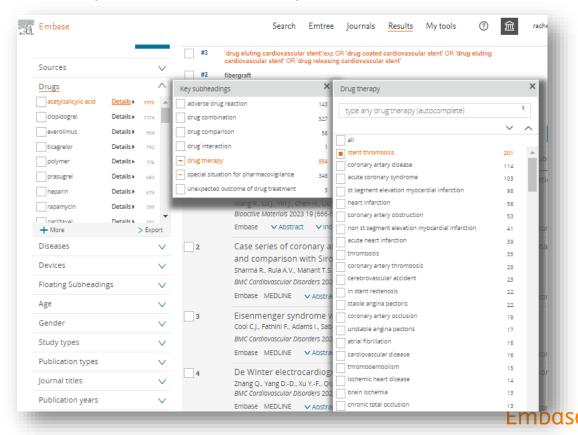
- Adverse drug reaction
- Drug combination
- Drug comparison
- Drug interaction
- Drug therapy
- And etc...

#### Disease subheadings:

- Drug therapy
- Side effects
- Epidemiology
- And etc...

#### **Device subheadings:**

- Adverse device effect
- Device comparison
- Device economics
- And etc...



# What information can you retrieve from Embase?



#### Fields:

- Title
- Authors
- Type of record (article, conference, preprint)
- Abstract
- Indexed terms descriptors classified as Drugs,
   Diseases, Devices and Others
  - Subheadings (qualifiers)
- Authors' keywords,
- Additional information

#### Links to:

- The full text.
- Other Information Resources (e.g.: Reaxys).

Publication type	Article
mbase identification number (PUI)	L2021044154
Associated PUI	L640029820
Digital Object Identifier (DOI)	10.1007/s00423-022-02750-y
Entry date	2023-01-30 (Full record), 2023-01-20 (Article in Press/In Process)
Source of indexing	Embase, MEDLINE
Article number	26
Language of article	English
Language of summary	English
MEDLINE PMID	36639606 ≈
Number of references	34
Cited by in Scopus	0 2
Source type	Journal
Abbreviated journal title	Langenbeck's Arch. Surg.
Source publication date	2024-02-01
ISSN	14352443 (print)
ESSN	14352451 (electronic)
CODEN	LASUF
< Previous 1 of 784,197 Next >	
Authors' ORCIDs	Chedid M.F. 0000-0001-6182-6963
CAS registry numbers	alcohol 64-17-5 Reaxys' Pub@hem

Fast and accurate assessment of the relevance of the results!





Review the presented slides and consult examples and tips in our Support Material.







# How to bring PubMed searches to Embase?

# Examples of some Database Syntax differences



Action	PubMed	Embase
Mapping of Index terms	[Majr:NoExp]/[MeSH Major Topic:noexp], [mh:noexp]/[Mesh:NoExp]/[MeSH Terms:noexp], [majr]/[MeSH Major Topic] or [mh]/[MeSH Terms]	/mj, /de, /exp/mj, /exp or /br, /syn
Mapping of Index terms with Higher specificity	MeSH Qualifiers (also know as MeSH Subhedings)	Emtree Subheadings
Search for a term in a specific field	Field Tags e.g.: Tittle [ti], Title/Abstract [tiab], Other Term [ot], etc.	Field codes e.g.: Tittle :ti, Abstract :ab, Author Keywords, :kw or combinations :ti,ab,kw, etc.
Proximity searching	"search terms"[field:~N] (any order within a specified N distance)	NEAR/n (any order within a specified n distance) or NEXT/n (given order within a specified n distance)
Truncation/Wildcards Options	* (replaces one or more letters)	* (replaces one or more letters), ? (single-letter truncation) and \$ (replaces one or no letters)



# Case Study 1: FAERS Literature Search





Pusheen needs to perform a search in PubMed and then bring that search to **Embase**, focusing on publications between the years 2014 and 2023. The objective is to identify mentions of the 'FAERS' public dashboard' from a specific list of key concepts provided.

#### List of key concepts provided:

- FDA Adverse Event Reporting System Public Panel
- FAERS
- FAERS Public Dashboard
- FDA Database
- Food and Drug Administration Database
- U.S. Food and Drug Administration Adverse Event Database
- U.S. Adverse Events Database
- AERS
- Adverse Event Reporting System

#### PubMed input:

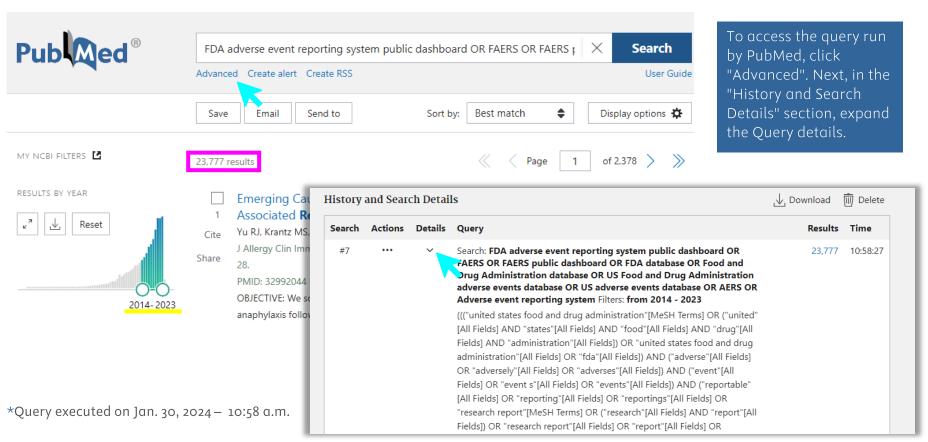


FDA adverse event reporting system public dashboard OR FAERS OR FAERS public dashboard OR FDA database OR Food and Drug Administration database OR US Food and Drug Administration adverse events database OR US adverse events database OR AERS OR Adverse event reporting system



# PubMed Search\*





#### PubMed Search



#### Input:

FDA adverse event reporting system public dashboard OR FAERS OR FAERS public dashboard OR FDA database OR Food and Drug Administration database OR US Food and Drug Administration adverse events database OR US adverse events database OR AERS OR Adverse event reporting system



#### Detailed query executed by PubMed:

((("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR "fda"[Åll Fields]) AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fi Fields]) AND ("reportable" [All Fields] OR "reporting" [All Fields] OR "reportings" [All Fields] OR "research report" [MeSH Terms] OR ("research" [All Fields] AND "report" [All Fields]) OR "research report" [All Fields] OR "report" [All Fields] OR "reported" [All reports"[All Fields]) AND ("system"[All Fields] OR "system s"[All Fields] OR "systems"[All Fields]) AND ("public"[All Fields] OR "public s"[All Fields] OR "publically" [All Fields] OR "publication s" [All Fields] OR "publications" [MeSH Terms] OR "publications" [All Fields] OR "publicity"[All Fields] OR "publicize"[All Fields] OR "publicized"[All Fields] OR "publicizing"[All Fields] OR "publics"[All Fields] OR "publishing"[MeSHTerms] OR "publishing"[All Fields] OR "publication"[All Fields]) AND ("dashboard"[All Fields] OR "dashboards"[All Fields])) OR "FAERS"[All Fields] OR ("FAERS"[All Fields] AND ("public"[All Fields] OR "public s"[All Fields] OR "publically"[All Fields] OR "publication s"[All Fields] OR "publications"[MeSH Terms] OR "publications"[All Fields] OR "publicity"[All Fields] OR "publicize"[All Fields] OR "publicized"[All Fields] OR "publicizing"[All Fields] OR "publics"[All Fields] OR "publishing"[MeSH Terms] OR "publishing"[All Fields] OR "publication"[All Fields]) AND ("dashboard"[All Fields] OR "dashboards"[All Fields])) OR (("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR "fda"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR (("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR ("food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "food and drug administration"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR ("US"[All Fields] AND ("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR ("food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "food and drug administration"[All Fields]) AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event" s"[All Fields] OR "events"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databasedda Fields] OR "databasing"[All Fields])) OR ("US"[All Fields] AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields] AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databases" [All Fields] OR "databasing" [All Fields])) OR "AERS" [All Fields] OR (("adverse" [All Fields] OR "adversely" [All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("reportable"[All Fields] OR "reporting"[All Fields] OR "reportings" [All Fields] OR "research report" [MeSH Terms] OR ("research" [All Fields] AND "report" [All Fields]) OR "research report"[All Fields] OR "report"[All Fields] OR "reporte"[All Fields] OR "reports"[All Fields] OR "reports"[All Fields] OR "system" [All Fields] OR "system s"[All Fields] OR "systems"[All Fields]))) AND (2014:2023[pdat])



## PubMed Search



#### Detailed query executed by PubMed:

((("united states food and drug administration" [MeSH Terms] OR ("united" [All Fields] AND "states" [All Fields] AND "food" [All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food AND drug administration"[All Fields] OR "fda"[All Fields]) AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fi Fields]) AND ("reportable" [All Fields] OR "reporting" [All Fields] OR "reportings" [All Fields] OR "research report" [MeSH Terms] OR ("research"[All Fields] AND "report"[All Fields]) OR "research report"[All Fields] OR "report"[All Fields] OR "reported"[All Fields] OR "reports"[All Fields]) AND ("system"[All Fields] OR "system s"[All Fields] OR "systems"[All Fields]) AND ("public"[All Fields] OR "public s"[All Fields] OR "publicatly" [All Fields] OR "publications" [All Fields] OR "publications" [MeSH Terms] OR "publications" [All Fields] OR "publications" [All Fi "publicity" [All Fields] OR "publicize" [All Fields] OR "publicized" [All Fields] OR "publicizing" [All Fields] OR "publicized" [All "publishing"[MeSH Terms] OR "publishing"[All Fields] OR "publication"[All Fields]) AND ("dashboard"[All Fields] OR "dashboards"[All Fields]) OR "FAERS"[All Fields] OR ("FAERS"[All Fields] AND ("public"[All Fields] OR "public s"[All Fields] OR "publication s"[All Fields] OR "publications"[MeSH Terms] OR "publications" [All Fields] OR "publicity" [All Fields] OR "publications" [A "publicized"[All Fields] OR "publicizing"[All Fields] OR "publics"[All Fields] OR "publishing"[MeSH Terms] OR "publishing"[All Fields] OR "publication"[All Fields]) AND ("dashboard"[All Fields] OR "dashboards"[All Fields])) OR (("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food AND drug administration" [All Fields] OR "fda" [All Fields]) AND ("database" [All Fields] OR "database s" [All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR (("united states food AND drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "druq"[All Fields] AND "administration"[All Fields]) OR "united states food AND drug administration"[All Fields] OR ("food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "food AND drug administration"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR ("US"[All Fields] AND ("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food AND drug administration"[All Fields] OR ("food "[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "food AND drug administration"[All Fields]) AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "da Fields] OR "databasing"[All Fields]) OR ("US"[All Fields] AND ("adverses"[All Fields] OR "adverses"[All Fields] OR "advers ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "database s"[All Fields] OR "database s"[All Fields] OR "database d"[All Fields] OR "database d" Fields] OR "databases" [All Fields] OR "databasing" [All Fields])) OR "ALRS" [All Fields] OR (("adverse" [All Fields] OR "adversely" [All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("reportable"[All Fields] OR "reporting"[All Fields] OR "reportings" [All Fields] OR "research report" [MeSH Terms] OR ("research" [All Fields] AND "report" [All Fields]) OR "research report"[All Fields] OR "report"[All Fields] OR "reported"[All Fields] OR "reports"[All Fields]) AND ("system"[All Fields] OR "system s"[All Fields] OR "systems"[All Fields]))) AND (2014:2023[pdat])

The 4,242-character Query run by PubMed includes only 5 MesH descriptors (4 of which may not be relevant) along with search terms as Free Text ([All Fields]), allowing for the widest possible mapping. The MesH descriptors are:

- "united states food and drug administration"[MeSH Terms]
- "research report"[MeSH Terms]
- "publications"[MeSH Terms]
- "publishing"[MeSH Terms]
- "publications"[MeSH Terms]

This PubMed search strategy could be refined within the "PubMed Advanced Search Builder"



#### PubMed Search



#### Detailed query executed by PubMed:

((("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR "fda"[Åll Fields]) AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("reportable" [All Fields] OR "reporting" [All Fields] OR "reportings" [All Fields] OR "research report" [MeSH Terms] OR ("research"[All Fields] AND "report"[All Fields]) OR "research report"[All Fields] OR "report"[All Fields] OR "reported"[All Fields] OR reports"[All Fields]) AND ("system"[All Fields] OR "system s"[All Fields] OR "systems"[All Fields]) AND ("public"[All Fields] OR "public s"[All Fields] OR "publically"[All Fields] OR "publications"[All Fields] OR "publications"[MeSH Terms] OR "publications"[All Fields] OR "publicity"[All Fields] OR "publicize"[All Fields] OR "publicized"[All Fields] OR "publicizing"[All Fields] OR "publishing"[MeSH Terms] OR "publishing"[All Fields] OR "publication"[All Fields]) AND ("dashboard"[All Fields] OR "dashboards"[All Fields])) OR "FAERS"[All Fields] OR ("FAERS"[All Fields] AND ("public"[All Fields] OR "public s"[All Fields] OR "publically"[All Fields] OR "publication s"[All Fields] OR "publications"[MeSH Terms] OR "publications"[All Fields] OR "publicity"[All Fields] OR "publicize"[All Fields] OR "publicized"[All Fields] OR "publicizing"[All Fields] OR "publics"[All Fields] OR "publishing"[MeSH Terms] OR "publishing"[All Fields] OR "publication"[All Fields]) AND ("dashboard"[All Fields] OR "dashboards"[All Fields])) OR (("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR "fda"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR (("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR ("food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "food and drug administration"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR ("US"[All Fields] AND ("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR ("food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "food and drug administration"[All Fields]) AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "da Fields] OR "databasing"[All Fields])) OR ("US"[All Fields] AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields] OR "database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "d Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR "AERS"[All Fields] OR (("adverse" [All Fields] OR "adversely" [All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("reportable"[All Fields] OR "reporting"[All Fields] OR "reportings"[All Fields] OR "research report"[MeSH Terms] OR ("research"[All Fields] AND "report"[All Fields]) OR "research report"[All Fields] OR "report"[All Fields] OR "reported"[All Fields] OR "reports"[All Fields]) AND ("system"[All Fields] OR "system s"[All Fields] OR "systems"[All Fields]))) AND (2014:2023[pdat])

The detailed query executed by PubMed is the one that should be taken to Embase



# Search in Embase – 1<sup>st</sup> Option: Query translator



Embase	Search Emtre	ee Journals	Results My tool	s ② <u>面</u>	Maria Jose Davila-Rodriguez
Query translator					
Quick PICO PV Wizard Medical device Advanced Drug Disease	Device Citation informat	ion Query transl	ator Beta		
Translate PubMed syntax to Embase Beta			:	Welcome to the tr	anslation tool!
1. Add PubMed query				Get started with examp  Covid-19 > Meta-Ar	•
PubMed query e.g. aspirin[MeSH]				translation. Different h	ed query and then review the Embase highlighting will be applied depending hen MeSH to Emtree and based on the hose are:
Translate		C* Reset form		'cervical vertebra'/exp	means that Embase found exact match in Emtree and field code.
2. Review Embase translation				'cervical vertebra'/exp	means that there is <b>no exact match</b> in Emtree and it used preferred term.
Show results Q Take to Advanced search				'cervical vertebra'/exp	means that there is <b>no translation</b> for the term or field code.
PubMed translation is currently at Beta stage, there might be some mistakes or err	rors. Help us improve by shari	ng your feedback 🗦	>		

Embase - How to use the new PubMed to Embase translation tool (youtube.com)

New Feature: PubMed to Embase Translation Tool - Beta version - Embase Support Center (elsevier.com)

# Search in Embase – 1<sup>st</sup> Option: Query translator



#### Detailed query executed by PubMed:

((("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR "fda"[All Fields]) AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event" [All Fields] OR "event s" [All Fields] OR "events" [All Fields]) AND ("reportable" [All Fields] OR "reporting"[All Fields] OR "reportings"[All Fields] OR "research report"[MeSH Terms] OR ("research"[All Fields] AND "report"[All Fields]) OR "research report"[All Fields] OR "report"[All Fields] OR "reported"[All Fields] OR "reports"[All Fields]) AND ("system"[All Fields] OR "system s"[All Fields] OR "systems"[All Fields]) AND ("public"[All Fields] OR "public s"[All Fields] OR "publicatly"[All Fields] OR "publication s"[All Fields] OR "publications"[MeSH Terms] OR "publications"[All Fields] OR "publicity"[All Fields] OR "publicize"[All Fields] OR "publicized"[All Fields] OR "publicizing"[All Fields] OR "publics"[All Fields] OR "publishing"[MeSH Terms] OR "publishing"[All Fields] OR "publication"[All Fields]) AND ("dashboard"[All Fields] OR "dashboards"[All Fields])) OR "FAERS"[All Fields] OR ("FAERS"[All Fields] AND ("public"[All Fields] OR "public s"[All Fields] OR "publication s"[All Fields] OR "publications" [MeSH Terms] OR "publications" [All Fields] OR "publicity" [All Fields] OR "publicize" [All Fields] OR "publicized" [All Fields] OR "publicizing" [All Fields] OR "publics" [All Fields] OR "publishing" [MeSH Terms] OR "publishing"[All Fields] OR "publication"[All Fields]) AND ("dashboard"[All Fields] OR "dashboards"[All Fields])) OR (("united states food and drug administration" [MeSH Terms] OR ("united" [All Fields] AND "states" [All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR "fda"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR (("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration"[All Fields] OR ("food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "food and drug administration"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR ("US"[All Fields] AND ("united states food and drug administration"[MeSH Terms] OR ("united"[All Fields] AND "states"[All Fields] AND "food"[All Fields] AND "drug"[All Fields] AND "administration"[All Fields]) OR "united states food and drug administration" [All Fields] OR ("food" [All Fields] AND "drug" [All Fields] AND "administration"[All Fields]) OR "food and drug administration"[All Fields]) AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("database"[All Fields] OR "databases"[All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasina"[All Fields])) OR ("US"[All Fields] AND ("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields] OR "event s"[All Fields] OR "events"[All Fields]) AND ("database"[All Fields] OR "database s"[All Fields] OR "databased"[All Fields] OR "databases"[All Fields] OR "databasing"[All Fields])) OR "AERS"[All Fields] OR (("adverse"[All Fields] OR "adversely"[All Fields] OR "adverses"[All Fields]) AND ("event"[All Fields]) OR "event s"[All Fields] OR "events"[All Fields]) AND ("reportable"[All Fields] OR "reporting"[All Fields] OR "reportings"[All Fields] OR "research report"[MeSH Terms] OR ("research"[All Fields] AND "report"[All Fields]) OR "research report"[All Fields] OR "report"[All Fields] OR "reported"[All Fields] OR "reports"[All Fields]) AND ("system"[All Fields] OR "system s"[All Fields] OR "systems"[All Fields]))) AND (2014:2023[pdat])

#### Automatic translation of Embase:

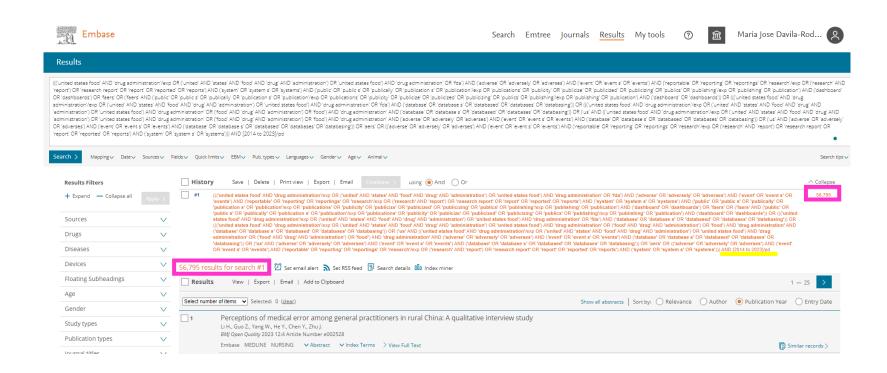
((('united states food' AND 'drug administration'/exp OR ('united' AND 'states' AND 'food' AND 'drua' AND 'administration') OR 'united states food') AND 'drua administration' OR 'fda') AND ('adverse' OR 'adversely' OR 'adverses') AND ('event' OR 'event s' OR 'events') AND ('reportable' OR 'reporting' OR 'reportings' OR 'research'/exp OR ('research' AND 'report') OR 'research report' OR 'report' OR 'reported' OR 'reports') AND ('system' OR 'system' OR 'systems') AND ('public' OR 'public s' OR 'publically' OR 'publication s' OR 'publication'/exp OR 'publications' OR 'publicity' OR 'publicize' OR 'publicized' OR 'publicizing' OR 'publics' OR 'publishing'/exp OR 'publishing' OR 'publication') AND ('dashboard' OR 'dashboards') OR 'faers' OR ('faers' AND ('public' OR 'public s' OR 'publically' OR 'publication s' OR 'publication'/exp OR 'publications' OR 'publicity' OR 'publicize' OR 'publicized' OR 'publicizing' OR 'publics' OR 'publishing'/exp OR 'publishing' OR 'publication') AND ('dashboard' OR 'dashboards')) OR ((('united states food' AND 'drug administration'/exp OR ('united' AND 'states' AND 'food' AND 'drua' AND 'administration') OR 'united states food') AND 'drug administration' OR 'fda') AND ('database' OR 'database s' OR 'databased' OR 'databases' OR 'databasing')) OR ((('united states food' AND 'drug administration'/exp OR ('united' AND 'states' AND 'food' AND 'drug' AND 'administration') OR 'united states food') AND 'drug administration' OR ('food' AND 'drug' AND 'administration') OR 'food') AND 'drug administration' AND ('database' OR 'database s' OR 'databased' OR 'databases' OR 'databasing')) OR ('us' AND (('united states food' AND 'drug administration'/exp OR ('united' AND 'states' AND 'food' AND 'drug' AND 'administration') OR 'united states food') AND 'drug administration' OR ('food' AND 'drug' AND 'administration') OR 'food') AND 'drug administration' AND ('adverse' OR 'adversely' OR 'adverses') AND ('event' OR 'event s' OR 'events') AND ('database' OR 'database s' OR 'databased' OR 'databases' OR 'databasing')) OR ('us' AND ('adverse' OR 'adversely' OR 'adverses') AND ('event' OR 'event s' OR 'events') AND ('database' OR 'databases' OR 'databased' OR 'databases' OR 'databasing')) OR 'aers' OR (('adverse' OR 'adversely' OR 'adverses') AND ('event' OR 'event s' OR 'events') AND ('reportable' OR 'reporting' OR 'reportings' OR 'research'/exp OR ('research' AND 'report') OR 'research report' OR 'report' OR 'reported' OR 'reports') AND ('system' OR 'system s' OR 'systems'))) AND [2014 to 2023]/pd

Terms without exact match in Emtree and it used preferred term.



# Search in Embase – 1<sup>st</sup> Option: Query translator





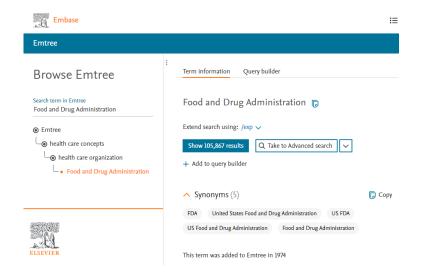
<sup>\*</sup>Query executed on Jan. 30, 2024 – 10:33 a.m. The number of your results may vary due French local collection.





- List of key concepts provided:
- FDA adverse event reporting system public dashboard
- FAERS

- FAERS public dashboard
- FDA database
- Food and Drug Administration database
- US Food and Drug Administration adverse events database
- US adverse events database
- AERS
- Adverse event reporting system



#### Preferred and Relevant Terms identified in Emtree:

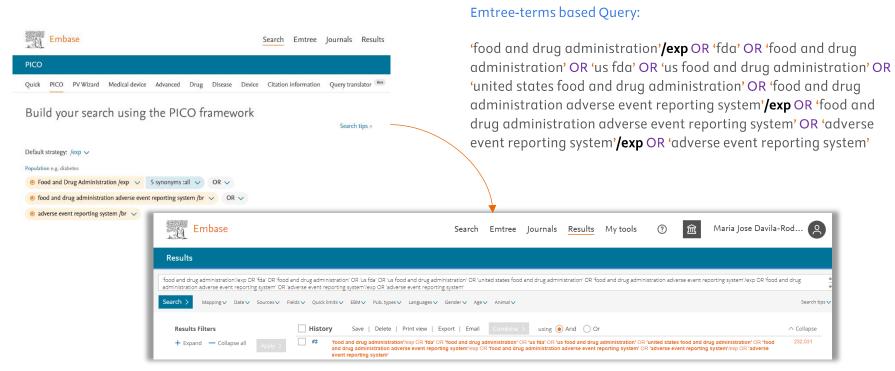
- Food and Drug Administration (*Emtree synonyms:* FDA, United States Food and Drug Administration, US FDA, US Food and Drug Administration, Food and Drug Administration)
- Food and drug administration adverse event reporting system (Candidate term)
- Adverse event reporting system (Candidate term)

What are Candidate Terms? - Embase Support Center (elsevier.com)





**PRO TIP**: With the **PICO form**, **synonyms** can be added in a **faster**, **more controlled**, and easier way to generate comprehensive queries. For **candidate terms**, work with the **/br mapping**.





#### List of key concepts provided:

- FDA adverse event reporting system public dashboard
- FAERS

- FAERS public dashboard
- FDA database
- Food and Drug Administration database
- US Food and Drug Administration adverse events database
- US adverse events database
- AERS
- Adverse event reporting system

From the list of key concepts provided, a secondary search strategy can be developed to complement the Query based on the Emtree descriptors:

'adverse event\* reporting system\*':ab,kw,ti OR 'faers':ab,kw,ti OR 'database\*':ab,kw,ti OR 'adverse event\* database\*':ab,kw,ti OR 'aers':ab,kw,ti

(This secondary search is just an example; it can be improved, or another strategy can be used!)

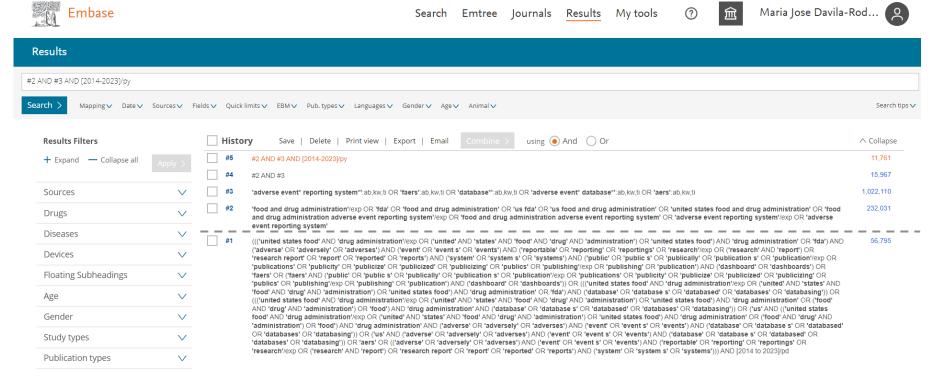
<u>Can I use Boolean operators, wildcards and proximity operators in Embase? - Embase Support Center (elsevier.com)</u>

<u>What field codes can I use in Embase? - Embase Support Center (elsevier.com)</u>





The results obtained from query #5 should be more relevant and accurate than those obtained by machine translation (query #1)





# Case Study 2:





Cochrane Database of Systematic Reviews

Personal protective equipment for preventing asbestos exposure in workers (Review)

Belackova L, Verbeek JH, Hoving JL, van der Molen HF, Gagliardi D, Curti S, Hulshof CTJ, Scheepers PTJ

The authors of the Review "<u>Personal protective equipment for preventing asbestos exposure in workers</u>" reported the search strategies used on PubMed, Embase (OVID), and Scopus. You were asked to translate the PubMed search to the Embase.com syntaxis.

#### Reported PubMed search query:

- ("Asbestos" [Mesh] OR asbest\*[tiab] OR crocidolite[tiab] OR amosite[tiab] OR anthophylite[tiab] OR anthophylite[tiab] OR anthophylite[tiab] OR chrysotile[tiab] OR serpentine[tiab] OR amphibole[tiab])
- AND
- ("Protective Devices" [Mesh: NoExp] OR "Personal Protective Equipment" [Mesh] OR "Protective Clothing" [Mesh] OR protective cloth\* [tiab] OR coverall\* [tiab] OR protective layer\* [tiab] OR hazmat [tiab] OR protective equipment\* [tiab] OR PPE [tiab] OR protective device\* [tiab] OR mask\* [tiab] OR paper [tiab] OR air-purifying [tiab] OR respiratory protection\* [tiab] OR respiratory device\* [tiab] OR face piece\* [tiab] OR face visor\* [tiab] OR hood\* [tiab] OR air supplying\* [tiab] OR supplied air [tiab] OR full face filter\* [tiab] OR breathing apparatus [tiab] OR SCBA [tiab] OR donning [tiab] OR doffing [tiab] OR filter unit\* [tiab] OR filtering unit\* [tiab] OR filtering system\* [tiab] OR filter system\* [tiab] OR workplace protection factor\* [tiab] OR assigned protection factor\* [tiab])





#### Reported PubMed search query:

(<u>"Asbestos"[Mesh]</u> OR asbest\*[tiab] OR crocidolite[tiab] OR amosite[tiab] OR anthophylite[tiab] OR anthophyllite[tiab] OR tremolite[tiab] OR actinolite[tiab] OR chrysotile[tiab] OR serpentine[tiab] OR amphibole[tiab]) AND (<u>"Protective</u> <u>Devices</u>"[Mesh:NoExp] OR "Personal Protective Equipment" [Mesh] OR "Protective Clothing" [Mesh] OR protective cloth\*[tiab] OR coverall\*[tiab] OR protective layer\*[tiab] OR hazmat[tiab] OR protective equipment\*[tiab] OR PPE[tiab] OR protective device\*[tiab] OR mask\*[tiab] OR PAPR[tiab] OR air-purifying[tiab] OR respiratory protection\*[tiab] OR respiratory device\*[tiab] OR face piece\*[tiab] OR facepiece\*[tiab] OR face shield\*[tiab] OR face visor\*[tiab] OR hood\*[tiab] OR air supplying\*[tiab] OR supplied air[tiab] OR full face filter\*[tiab] OR breathing apparatus[tiab] OR SCBA[tiab] OR donning[tiab] OR doffing[tiab] OR filter unit\*[tiab] OR filtering unit\*[tiab] OR filtering system\*[tiab] OR filter system\*[tiab] OR workplace protection factor\*[tiab] OR assigned protection factor\*[tiab]

#### Automatic translation of Embase:

('asbestos'**/exp** OR 'asbest**\*':ti,ab,kw** OR 'crocidolite'**:ti,ab,kw** OR 'amosite':ti,ab,kw OR 'anthophylite':ti,ab,kw OR 'anthophyllite':ti,ab,kw OR 'tremolite':ti,ab,kw OR 'actinolite':ti,ab,kw OR 'chrysotile':ti,ab,kw OR 'serpentine':ti,ab,kw OR 'amphibole':ti,ab,kw) AND ('protective' equipment'/de OR 'protective equipment'/exp OR 'protective clothing'/exp OR 'protective cloth\*':ti,ab,kw OR 'coverall\*':ti,ab,kw OR 'protective layer\*':ti,ab,kw OR 'hazmat':ti,ab,kw OR 'protective equipment\*':ti,ab,kw OR 'ppe':ti,ab,kw OR 'protective device\*':ti,ab,kw OR 'mask\*':ti,ab,kw OR 'papr':ti,ab,kw OR 'air-purifying':ti,ab,kw OR 'respiratory protection\*':ti,ab,kw OR 'respiratory device\*':ti,ab,kw OR 'face piece\*':ti,ab,kw OR 'facepiece\*':ti,ab,kw OR 'face shield\*':ti,ab,kw OR 'face visor\*':ti,ab,kw OR 'hood\*':ti,ab,kw OR 'air supplying\*':ti,ab,kw OR 'supplied air':ti,ab,kw OR 'full face filter\*':ti,ab,kw OR 'breathing apparatus':ti,ab,kw OR 'scba':ti,ab,kw OR 'donning':ti,ab,kw OR 'doffing':ti,ab,kw OR 'filter unit\*':ti,ab,kw OR 'filtering unit\*':ti,ab,kw OR 'filtering system\*':ti,ab,kw OR 'filter system**\*':ti,ab,kw** OR 'workplace protection factor\*'ti ah kw OR 'assigned protection factor\*'ti ah kw)
Terms without exact match in Emtree and it used preferred term.





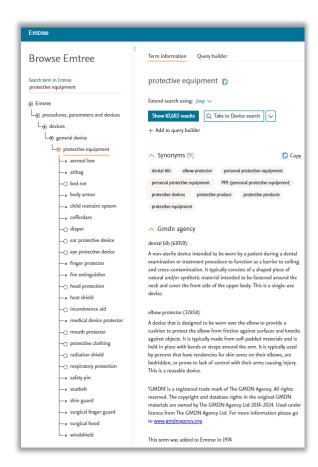
Terms without exact match in Emtree and it used preferred term.





- In Embase <u>'Protective Devices'</u> and <u>'Personal Protective Equipment'</u> are listed as Synonyms of the Emtree Term <u>'Protective Equipment'</u> (preferred term).
- The mapping 'protective equipment'/exp includes 'protective equipment'/de









#### Revised translation of Embase:

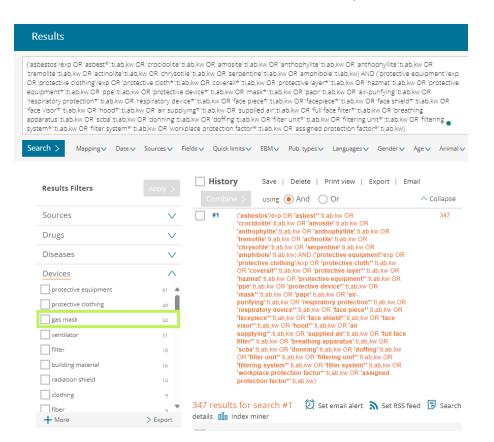
('asbestos'/exp OR 'asbest\*':ti,ab,kw OR 'crocidolite':ti,ab,kw OR 'amosite':ti,ab,kw OR 'anthophylite':ti,ab,kw OR 'anthophyllite':ti,ab,kw OR 'tremolite':ti,ab,kw OR 'actinolite':ti,ab,kw OR 'chrysotile':ti,ab,kw OR 'serpentine':ti,ab,kw OR 'amphibole':ti,ab,kw) AND ('protective equipment'/exp OR 'protective clothing'/exp OR 'protective cloth\*':ti,ab,kw OR 'coverall\*':ti,ab,kw OR 'protective layer\*':ti,ab,kw OR 'hazmat':ti,ab,kw OR 'protective equipment\*':ti,ab,kw OR 'ppe':ti,ab,kw OR 'protective device\*':ti,ab,kw OR 'mask\*':ti,ab,kw OR 'papr':ti,ab,kw OR 'air-purifying':ti,ab,kw OR 'respiratory protection\*':ti,ab,kw OR 'respiratory device\*':ti,ab,kw OR 'face piece\*':ti,ab,kw OR 'facepiece\*':ti,ab,kw OR 'face shield\*':ti,ab,kw OR 'face visor\*':ti,ab,kw OR 'hood\*':ti,ab,kw OR 'air supplying\*':ti,ab,kw OR 'supplied air':ti,ab,kw OR 'full face filter\*':ti,ab,kw OR 'breathing apparatus':ti,ab,kw OR 'scba':ti,ab,kw OR 'donning':ti,ab,kw OR 'doffing':ti,ab,kw OR 'filter unit\*':ti,ab,kw OR 'filtering unit\*':ti,ab,kw OR 'filtering system\*':ti,ab,kw OR 'filter system**\***':**ti,ab,kw** OR 'workplace protection factor\*':ti,ab,kw OR 'assigned protection factor\*':ti,ab,kw)



Results							
actinolite:ti,ab,kw OR 'chrysotile:ti,ab 'protective clotin':ti,ab,kw OR 'covera' 'protective device*:ti,ab,kw OR 'mask OR 'face piece*:ti,ab,kw OR 'facepiece air':ti,ab,kw OR 'full face filter*:ti,ab,kv	.kw OR 'serpent  l*!ti,ab,kw OR 'p *':ti,ab,kw OR 'p e*':ti,ab,kw OR 'f v OR 'breathing	iine':ti,ab,kw OR 'amphi protective layer*':ti,ab,k apr':ti,ab,kw OR 'air-pur 'ace shield*':ti,ab,kw OR apparatus':ti,ab,kw OR	b.kw OR 'anthophylite' ti.ab.kw OR 'anthophylite' ti.ab.kw OR 'tremobe' ti.ab.kw) AND (protective equipment'/exp OR 'protective clot' wo R' nament tilab kw OR 'protective equipment' ti.ab kw OR 'respiratory protection' ti.ab kw OR 'respiratory t'ace visor' ti.ab kw OR nood' ti.ab kw OR air supphylity' ti.ab kw Stoet ti.ab kw OR 'offing' ti.ab	ilng'/exp OR i':ti,ab,kw OR device*':ti,ab,kw v OR 'supplied nit*':ti,ab,kw OR			
Search > Mapping V Date V	Sources∨ Fi	elds V Quick limits V	EBM V Pub. types V Languages V Gender V Age V Anim	al ✓ Search tip			
Results Filters	Apply >	History  Combine >	Save   Delete   Print view   Export   Email	^ Collapse			
Sources	~		estos'/exp OR 'asbest*':ti,ab,kw OR 'crocidolite':ti,ab,kw OR	347			
Drugs	V	OR 'tr	site'.ti,ab,kw OR 'anthophylite'.ti,ab,kw OR 'anthophyllite'.ti,ab,kw remolite'.ti,ab,kw OR 'actinolite'.ti,ab,kw OR 'chrysotile'.ti,ab,kw OR entine'.ti,ab,kw OR 'amphibole'.ti,ab,kw) AND ('protective				
Diseases	~	cloth <sup>1</sup>	ment'/exp OR 'protective clothing'/exp OR 'protective ":ti,ab,kw OR 'coverall":ti,ab,kw OR 'protective layer*':ti,ab,kw OR				
Devices	<b>V</b>	OR 'p	iat'ti,ab,kw OR 'protective equipment":ti,ab,kw OR 'ppe'ti,ab,kw rotective device":ti,ab,kw OR 'mask*'ti,ab,kw OR 'papr':ti,ab,kw ir-purifying':ti,ab,kw OR 'respiratory protection*':ti,ab,kw OR				
Floating Subheadings	~	"respiratory device*tti,ab,kw OR "face piece*tti,ab,kw OR "facepiece*tti,ab,kw OR "face shield*tti,ab,kw OR "face visor*tti,ab,kw					
Age	~	OR 'fe	ood*tti,ab,kw OR 'air supplying*tti,ab,kw OR 'supplied air'tti,ab,kw ull face filter*tti,ab,kw OR 'breathing apparatus'tti,ab,kw OR tti,ab,kw OR 'donning'tti,ab,kw OR 'doffing'tti,ab,kw OR 'filter				
Gender	~	unit*tti,ab,kw OR 'filtering unit*'ti,ab,kw OR 'filtering system*'ti,ab,kw OR 'filter system*'ti,ab,kw OR 'workplace protection factor*'ti,ab,kw					
Study types	~	OR 'a	ssigned protection factor <sup>at</sup> :ti,ab,kw)				
Publication types	~	347 results for	search #1 🔯 Set email alert 🔊 Set RSS feed 🕫 Sea	rch details 000			
Journal titles	~	Results	View   Export   Email   Add to Temporary list 1 _	25			
Publication years	~	Results	Yet   Export   Ellion   Add to relinposity list	25			
Authors	~	Select number of i	tems V Selected: 0 (clear)Show all abstracts   Sort by:	Relevance			
Conference Abstracts	~		lonte Carlo Simulation and N-XCOM Software Cal				
Drug Trade Names	~		ne Neutron Shielding Parameters for the NCRP Re ecommended Conventional Concretes	port 144			
Drug Manufacturers	~		akkiabadi N., Ghiasi H. ontiers in Biomedical Technologies 2024 11:1 (22-30)				
Device Trade Names	~		nbase · Abstract · Index Terms · View Full傳來mila	r records >			
Device Manufacturers	~	_ 2 R	apid fiber-detection technique by artificial intellig	ence in			
		n	haco contract microscopo imagos of cimulated at	mocoboric			







After reviewing the available Device terms for filtering, the Emtree term <u>'gas mask'</u> was identified:

- 'Gas mask' is a child term of 'respiratory protection'
- The current search strategy does not include 'Gas mask', nor its synonyms.
- The search strategy also does not explicitly include the Emtree term 'Respiratory protection', which seems relevant given the portion 'respiratory protection\*':ti,ab,kw OR 'respiratory device\*':ti,ab,kw of the initial search strategy.

It would be worthwhile to add the terms 'Respiratory protection' and 'Gas mask' to make the strategy as exhaustive as possible?

Which other Emtree terms can improve the search strategy?





# Thank you for attending this lecture!

www.elsevier.com/embase



María José (Majo) Dávila-Rodríguez, PhD

Customer Success Consultant, Chemistry & Life Sciences, ELSEVIER m.davilarodriquez@elsevier.com





The recording has been interrupted. If you prefer to unmute your microphone to ask your question, click on Reactions ; then click on Raise Hand.