



ELSEVIER

# Embase 生物醫學研究 資料庫內容與功能簡介

By Jade Li 李麗娟 Customer Success Manager A&G, Elsevier

Date: Apr 2024



# Agenda

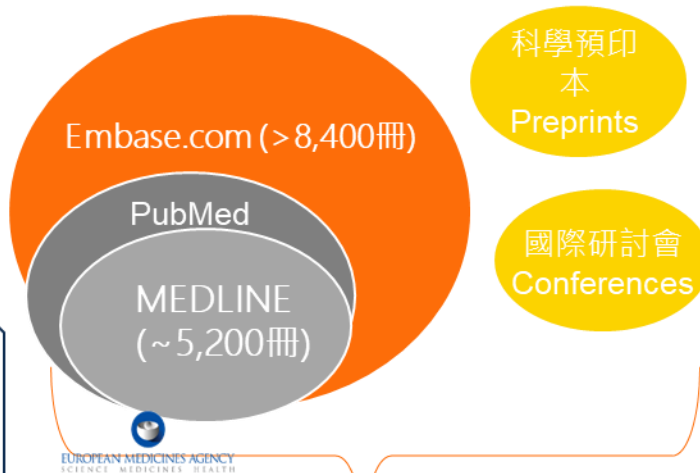
- Embase資料庫簡介
  - Embase內容與索引Emtree介紹
- Embase資料庫檢索功能介紹
  - Quick Search快速搜尋
  - PICO(前景問題)搜尋
  - My tools 個人化功能設定

# Embase提供最完整的文獻涵蓋範圍

- 最全面的生命科學、醫療照護領域的索摘資料庫
- 同時檢索期刊、預印本與國際研討會研究趨勢

醫學領域仰賴美國醫學圖書館  
收錄名MEDLINE為核心收藏  
關注~5200冊國際期刊

PubMed做為免費的搜尋平台  
提供部分免費文章而受到歡迎



- Embase額外收錄3,200冊獨特的高影響期刊(歐洲、亞洲)
- 11,500+會議摘要
- 收錄近年熱門的科學預印本(Preprints)·接受第一手的醫學研究訊息

bioRxiv medRxiv

THE PREPRINT SERVER FOR BIOLOGY THE PREPRINT SERVER FOR HEALTH SCIENCES



Embase



EUROPEAN MEDICINES AGENCY  
SCIENCE MEDICINES HEALTH



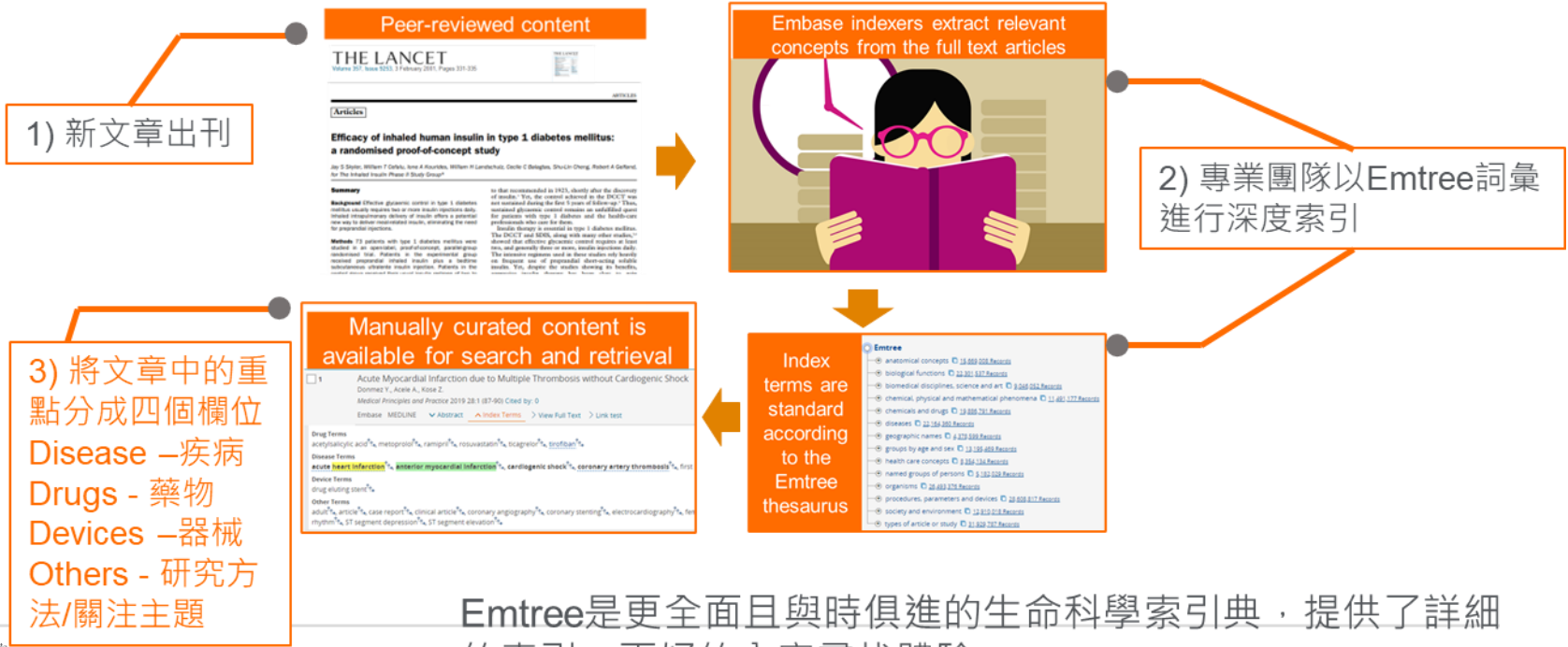
NICE National Institute for Health and Care Excellence



WHO Handbook - Guideline Development

# Embase全文索引流程

- ✓ Embase收錄的內容會由專業團隊針對全文，以Emtree詞彙標上(索引)重要的概念、資訊。
- ✓ 導入AI技術自動索引，再由人工進行品質確認



Emtree是更全面且與時俱進的生命科學索引典，提供了詳細的索引，更好的內容尋找體驗

# Embase資料庫檢索功能介紹

# 登入



Quick search

[Quick](#) [PICO](#) [PV Wizard](#) [Medical device](#) [Advanced](#) [Drug](#) [Disease](#) [Device](#) [Citation information](#) [Query translator](#) beta

Find articles by simple keyword search or build more complex queries

[Search tips](#) >

Broad search e.g. 'heart attack' AND stress



+ Add field  Limit to

Show results

[Display full query](#)

請於機構網域內登入 <https://www.embase.com>

# 首頁



## Quick search

### Quick search 快速搜尋:

- 利用關鍵字或片語做簡易快速的搜尋

### PICO

- 利用PICO架構建立搜尋 –系統性回顧
- 瀏覽Emtree索引, 利用最佳索引字與同義詞做更全面的搜尋

### PV Wizard藥物安全監視精靈

- 為藥物安全監視中的文獻監測構建全面的檢索查詢 –藥物不良反應

### Medical Device 醫療器材

- 特別針對醫療器材設計的搜尋 –臨床評估 & 上市後監督

### Advanced 進階的, Drug藥物, Disease疾病, Device器材, Citation Information引用資訊

- 用以建立精確的搜尋語法



# Quick Search 快速搜尋

Quick search

Quick

PICO

PV Wizard

Medical device

Advanced

Drug

Disease

Device

Citation information

Query translator

Beta

Find articles by simple keyword search or build more complex queries

搜尋提示

Search tips >

輸入關鍵字搜尋

改變搜尋策略

Broad search e.g. 'heart attack' AND stress

+ Add field Limit to

一旦輸入關鍵字,會顯示出推薦的 Emtree 索引字詞

可增加不同欄位一併搜尋

Display full query

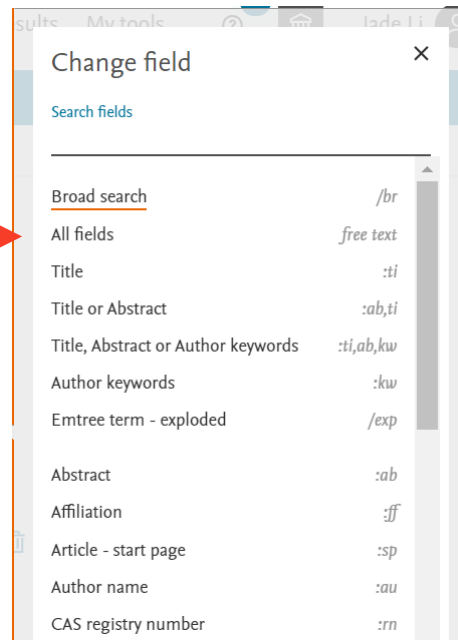
Broad search e.g. 'heart attack' AND stress  
diabetes me

- |  |           |
|--|-----------|
| ○ diabetes mellitus  | 1,342,111 |
| ○ diabetes mellitus type 2 use: non insulin dependent diabetes mellitus  | 354,311   |
| ○ diabetes mellitus type ii use: non insulin dependent diabetes mellitus | 354,311   |





# Quick Search 快速搜尋



**/mj (major focus)** 搜尋關鍵字設為主要焦點

**/de (index term)** 搜尋關鍵字是或關鍵字被標示為偏好的Emtree索引關鍵字(若您的關鍵字是同義語)

**/exp/mj (explosion & major focus)** 關鍵字或偏好Emtree索引關鍵字或相關下位詞等被設為主要焦點

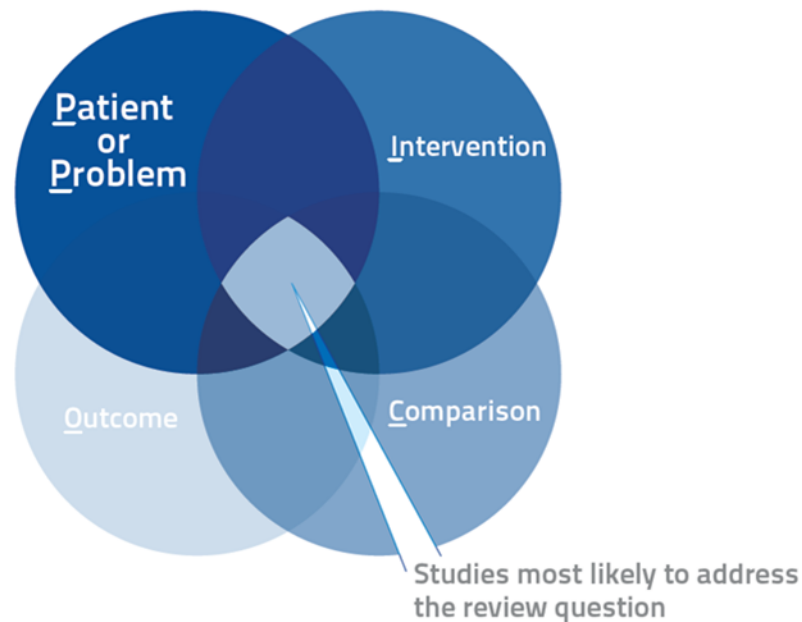
**/exp(explosion)** 關鍵字是或標示為偏好Emtree索引關鍵字或相關下位詞

**/br(As broad as possible)** 在所有欄位自由搜尋您的關鍵字

# PICO 架構 – 系統性回顧與實證醫學應用

## 前景問題確認

- **P** = Population/Patient/Problem 母群體/病人/問題
- **I** = Intervention 介入措施(藥物或檢驗結果等)
- **C** = Comparison/control 對照/控制(藥物,處置,安慰劑等)
- **O** = Outcome 結果



# 利用PICO 架構搜尋

The screenshot displays the PICO search interface. At the top, there are navigation tabs: Quick, PICO, PV Wizard, Medical device, Advanced, Drug, Disease, Device, Citation information, and Query translator. Below this, the instruction "Build your search using the the PICO framework" is shown. The search criteria are defined as follows:

- Population:** osteoarthritis /exp (12 synonyms all)
- Intervention:** hyaluronic acid /exp (76 synonyms all)
- Comparison:** platelet-rich plasma cell /exp (3 synonyms all)
- Study design:** randomized controlled trial

A "Limit to" section is visible at the bottom left. A large blue button labeled "Show 508 results" and a link "Display full query" are at the bottom. On the right side, a "Search terms in Emtree" panel shows a hierarchical tree structure. A red circle with the number "3" highlights the "osteoarthritis" term in the tree, which is selected under "physical disease by etiology and pathogenesis" > "inflammation" > "musculoskeletal system inflammation" > "arthritis".

- 1) 於PICO欄位選擇需要的參數 (可使用推薦的 Emtree 索引關鍵字以取得最好的結果)
- 2) 可透過 Add synonyms 選擇同義詞加入搜尋結果
- 3) 在 Search terms in Emtree 輸入關鍵字並從 Emtree 推薦詞中選擇最接近的詞彙或查看上下位詞位置的相關性。

# 查看搜尋結果

The screenshot shows the Elsevier search results interface. At the top, there is a search bar and navigation links for 'Search', 'Entree', 'Journals', 'Results', and 'My tools'. A user profile for 'Jade Li' is visible. Below the search bar, a large blue banner displays the search results. On the left side, there are several filter categories: 'Results Filters', 'Sources', 'Drugs', 'Diseases', 'Devices', 'Floating Subheadings', 'Age', 'Gender', 'Study types', 'Publication types', 'Journal titles', 'Publication years', 'Authors', 'Conference Abstracts', 'Drug Trade Names', 'Drug Manufacturers', 'Device Trade Names', and 'Device Manufacturers'. The main content area shows a list of search results, with the first result highlighted. The search results are numbered 1 through 5, corresponding to the callouts in the image.

1) 察看或編輯搜尋語法。

2) 搜尋歷史, 可勾選以儲存或匯出等等。

3) 使用搜尋框進行快速限縮

4) 使用左邊的限縮條件如來源出版品, 藥物或器材商品名, 疾病, 副標目等進行限縮。

- 1) 察看或編輯搜尋語法。
- 2) 搜尋歷史, 可勾選以儲存或匯出等等。
- 3) 使用搜尋框進行快速限縮
- 4) 使用左邊的限縮條件如來源出版品, 藥物或器材商品名, 疾病, 副標目等進行限縮。

# 查看搜尋結果 (承上頁)

Search > Mapping Date Sources Fields Quick limits **EBM** Pub. types Languages Gender Age Animal

Evidence Based Medicine **3**

Cochrane Review  Controlled Clinical Trial  
 Systematic Review  Randomized Controlled Trial  
 Meta Analysis

使用搜尋框針對實證醫學需求快速搜尋

**4**

Sources  
Drugs  
Diseases  
Devices  
**Floating Subheadings**  
Age  
Gender  
Study types  
Publication types  
Journal titles  
Publication years  
Authors  
Conference Abstracts  
Drug Trade Names  
Drug Manufacturers  
Device Trade Names  
Device Manufacturers

Floating Subheadings

<input type="checkbox"/> drug therapy	271
<input type="checkbox"/> therapy	206
<input type="checkbox"/> intraarticular drug administration	120
<input type="checkbox"/> endogenous compound	81
<input type="checkbox"/> clinical trial	53
<input type="checkbox"/> surgery	45
<input type="checkbox"/> drug comparison	39
<input type="checkbox"/> adverse drug reaction	30

利用過濾工具針對文獻進行篩選  
例如: 想知道藥物治療方面相關文獻

# 查看檢索結果

133 results for search #2 [Set email alert](#) [Set RSS feed](#) [Search details](#) [Index miner](#)

Results [View](#) | [Export](#) | [Email](#) | [Add to Clipboard](#) 1 — 133

Select number of items  Selected: 0 (clear) [Show all abstracts](#) | Sort by:  Relevance  Author  Publication Year  Entry Date

- 1 Comparative Efficacy of Breastfeeding or Feeding of Breast Milk on Blood Sampling Pain Relief in Full-Term Neonates: A Systematic Review and Meta-Analysis  
Shi C, Tang J, Li W, Tang W.  
*Breastfeeding Medicine* 2024 19:2 (81-90)  
Embase MEDLINE NURSING **Abstract** **Index Terms** [View Full Text](#) **Similar records**
- 2 Study of efficacy and safety of premedication with oral pregabalin on postoperative analgesia in parturient women undergoing elective caesarean delivery  
Priyanka V, Shukla D, Ramachandiraiah P, Banu N.  
*European Journal of Molecular and Clinical Medicine* 2023 10:1 (4546-4554)  
Embase NURSING **Abstract** **Index Terms** **Similar records**
- 3 Pharmacological interventions for the management of pain and discomfort during lumbar puncture in newborn infants  
Pessano S, Romantsik O, Olsson E, Hedayati E, Bruschetti M.  
*Cochrane Database of Systematic Reviews* 2023 2023:9 Article Number CD015594  
Embase MEDLINE NURSING **Abstract** **Index Terms** [View Full Text](#) **Similar records**
- 4 Newborn with skin rash, hepatosplenomegaly and red buttocks  
Ning J.  
*Journal of Paediatrics and Child Health* 2023 59:8 (1005-1006)  
Embase MEDLINE NURSING [No abstract available] **Index Terms** [View Full Text](#) **Similar records**

## Drug Terms

[clonidine](#), [dexmedetomidine](#), [fentanyl](#), [lidocaine](#), [midazolam](#), [morphine](#), [paracetamol](#)

## Disease Terms

[apnea](#), [bradycardia](#), [hypotension](#), [pain](#)

## Other Terms

[analgesia](#), [arterial oxygen saturation](#), [article](#), [clinical effectiveness](#), [clinical outcome](#), [disease registry](#), [evidence based medicine](#), [human](#), [invasive procedure](#), [lumbar puncture](#), [newborn care](#), [pain assessment](#), [randomized controlled trial \(topic\)](#), [sedation](#), [sensitivity analysis](#), [systematic review](#), [topical anesthesia](#)



- 1) 檢索結果目前依出版年份排序,可依不同選項排序
- 2) 提供資料庫來源,可觀看摘要,索引詞,或全文.
- 3) 可選擇觀看文獻詳情或全文 (點擊View Fulltext, 會連接到該文原始出版社網站)
- 4) 若有興趣,可點選相似文獻
- 5) 點擊Index Terms 索引詞
- 6) 粗體Index Terms 代表該文獻的主要焦點major focus. 黃色是搜尋關鍵字, 綠色是下階層詞

# My Tools 個人化功能設定 (儲存, 匯出, Email新知通報)

History **Save** | Delete | Print view | **Export** | **Email** | Combine > using  And  Or

#2 ('newborn'/exp OR 'animals, newborn' OR 'child, newborn' OR 'full term infant' OR 'human neonate' OR 'human newborn' OR 'infant, newborn' OR 'neonatal animal' OR 'neonate' OR 'neonate animal' OR 'neonatus' OR 'newborn' OR 'newborn animal' OR 'newborn animals' OR 'newborn baby' OR 'newborn child' OR 'newborn infant' OR 'newly born animal' OR 'newly born baby' OR 'newly born child' OR 'newly born infant') AND ('local anesthetic agent'/exp OR 'anaesthetic wipe' OR 'anaesthetic, local' OR 'anaesthetics, local' OR 'anaesthetics, ophthalmic' OR 'anaesthetics, otic' OR 'anaesthetics, spinal' OR 'anaesthetics, topical' OR 'anesthetic wipe' OR 'anesthetic, local' OR 'anesthetics, local' OR 'anesthetics, ophthalmic' OR 'anesthetics, otic' OR 'anesthetics, spinal' OR 'anesthetics, topical' OR 'local anaesthetic agent' OR 'local anaesthetic drug' OR 'local anaesthetic' OR 'local anaesthetic agent' OR 'local anaesthetic drug' OR 'spinal anesthetic' OR 'topical anaesthetic' OR 'topical anesthetic') AND ('placebo'/exp OR 'placebo' OR 'placebo gel' OR 'placebos') AND ('pain'/exp OR 'acute pain' OR 'deep pain' OR 'lightning pain' OR 'nocturnal pain' OR 'pain' OR 'pain response' OR 'pain syndrome' OR 'treatment related pain')

Save new search

Search name  
Baby N Topical anaesthetics

Select folder:  
Private | Shared

Private Shared

+ Create | Edit | Delete

Jade Li

Private > Jade Li

Save >

輸入搜尋名稱，  
選擇資料夾儲存或分享至公用資料夾

Email session queries

Please fill in the form to email the selected session queries:

To  
jade.li@elsevier.com

You can type in multiple email addresses using ";" as a separator.

Cc

Subject  
Osteoarthritis PRP

Comments

From  
no\_reply@elsevier.com

Email format  HTML  Text

Cancel > | Send >

輸入搜尋主題，  
透過郵件通知新增文獻

# My Tools 個人化功能設定 (儲存, 匯出, 加到剪貼簿)

133 results for search #2 [Set email alert](#) [Set RSS feed](#) [Search details](#) [Index miner](#)

Results [View](#) | [Export](#) | [Email](#) **Add to Clipboard**

1 — 133

Select number of items  Selected: 2 (clear)

Show all abstracts | Sort by:  Relevance  Author  Publication Year  Entry Date

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[Similar records >](#)

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Embase NURSING  Abstract  Index Terms

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2 result(s) in this clipboard

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[Save this Clipboard](#)

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Embase NURSING  Abstract  Index Terms

[Similar records >](#)

[View](#) | [Export](#) | [Email](#) | [Save](#) | [Delete](#) | [Run as search](#)

[Save this Clipboard](#)

可暫存文獻做後續觀看瀏覽，也可儲存做後續永久使用





Thank you

