

# Embase.com

## -- 簡介與 PICO Search demo

Elsevier 生命科學解決方案經理 梁成芝

# Embase.com 生醫文獻搜尋平台

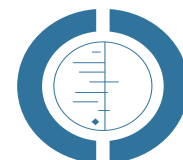
系統性文獻回顧的必備工具

- 收錄內容最多
  - 多出 50% Medline/Pubmed 未收錄期刊
  - 開放存取期刊比例更高
  - RCT 資料更多更即時



PubMed  
~ 2710萬 篇文獻  
2017.4.13 updated

權威機構  
一致推薦使用



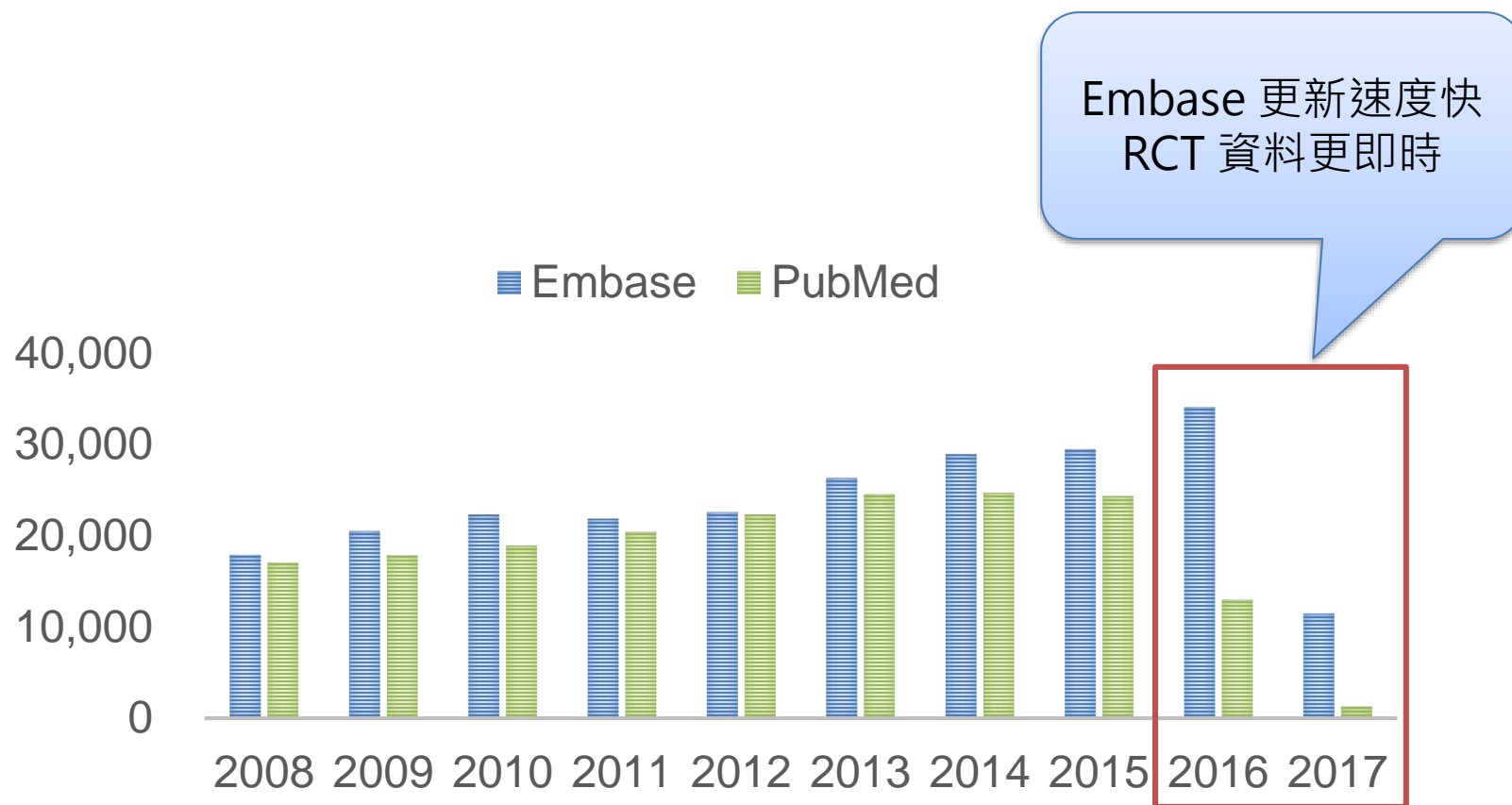
THE COCHRANE  
COLLABORATION®



EUROPEAN MEDICINES AGENCY  
SCIENCE MEDICINES HEALTH

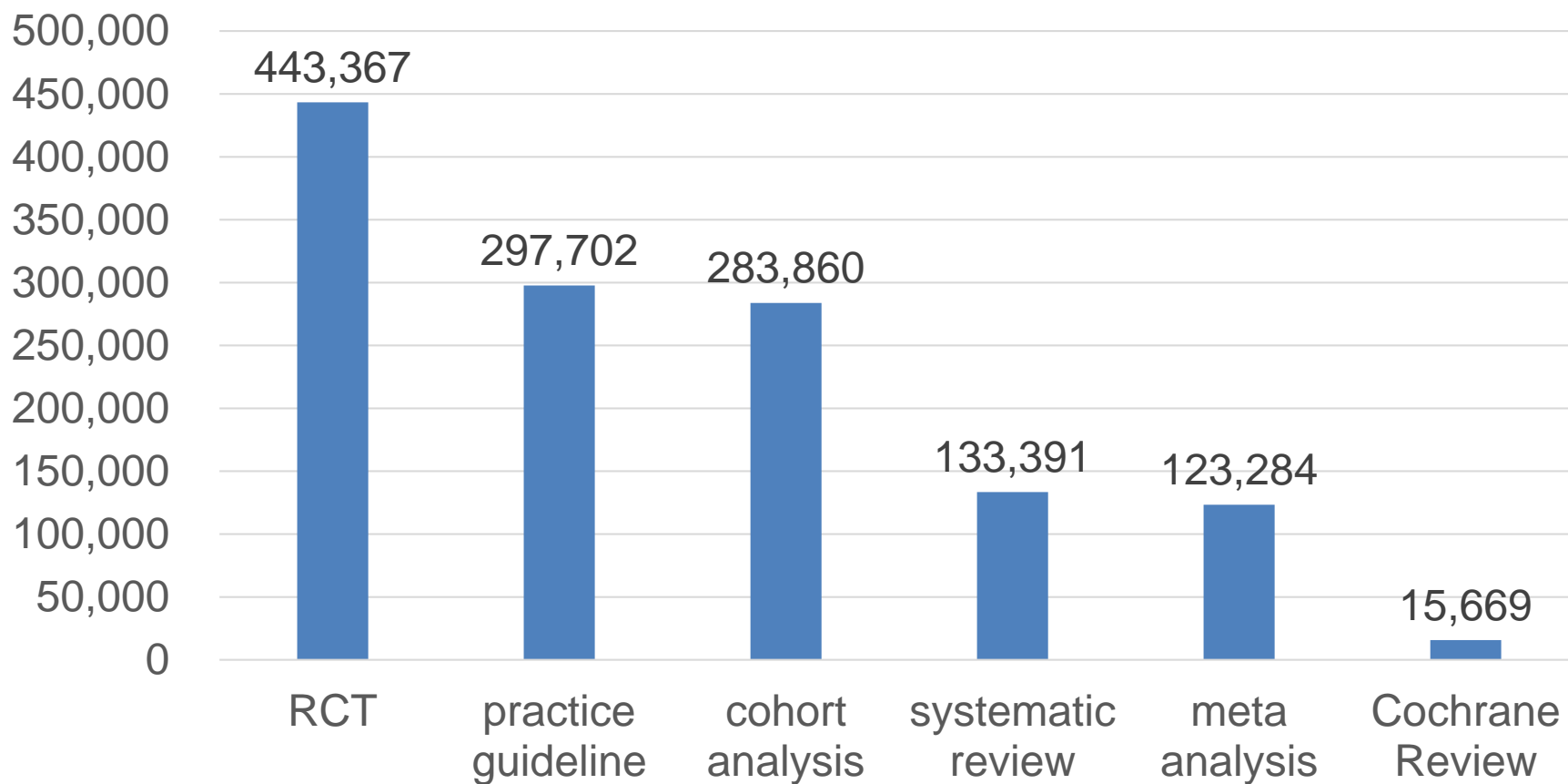
**NICE** National Institute for  
Health and Care Excellence

## 最近 10 年 RCT 數量多出 27%



2017.5.16 updated

## 實證醫學常用文獻類型



# PICO search – 自由調整搜尋範圍並預覽

**PICO Search**  
 Note: Filling any search line is optional

**Population**  
 cardiovascular disease /br + 13 synonyms:all

**Intervention**  
 clopidogrel /br + 26 synonyms:all and aspirin /br + 224 synonyms:all

Default search strategy

- /mj
- /de
- /exp
- /br

and

Broaden your search by connecting tokens

- or
- and
- not
- next ◀ 2 ▶
- near ◀ 2 ▶

Remove token ✕

/br - search strategy

Maps, explodes and searches your term as free text in all fields

<input type="radio"/> /mj	Major focus	54,775 results
<input type="radio"/> /de	Index term	178,009 results
<input type="radio"/> /exp	Explosion	177,945 results
<input checked="" type="radio"/> /br	As broad as possible	180,147 results

+ Add synonyms Remove token ✕

Show 32,080 results >

調整預設搜尋範圍

自由調整搜尋範圍

選擇連結方式

預覽搜尋結果

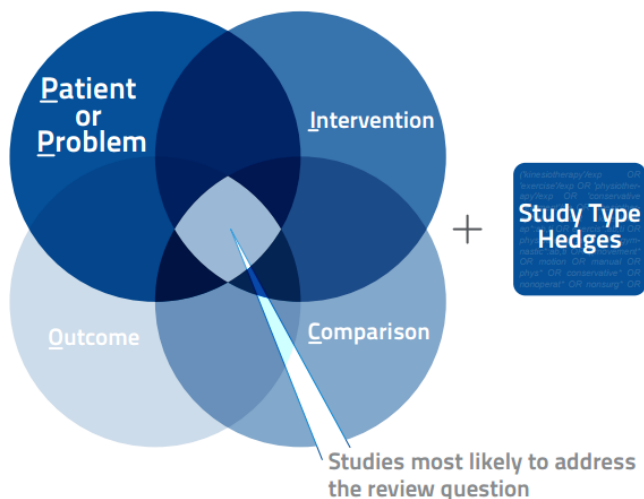
## PICO 搜尋流程

搜尋 PICO 或任何生醫研究關鍵字

範例：合併使用 aspirin 與 clopidogrel 與單獨使用 aspirin 對預防心血管疾病的差異

### Browse Emtree

P	I	C	O
<u>Cardiovascular disease</u>	<u>Aspirin</u> and <u>Clopidogrel</u>	-	<u>Prevent*</u>



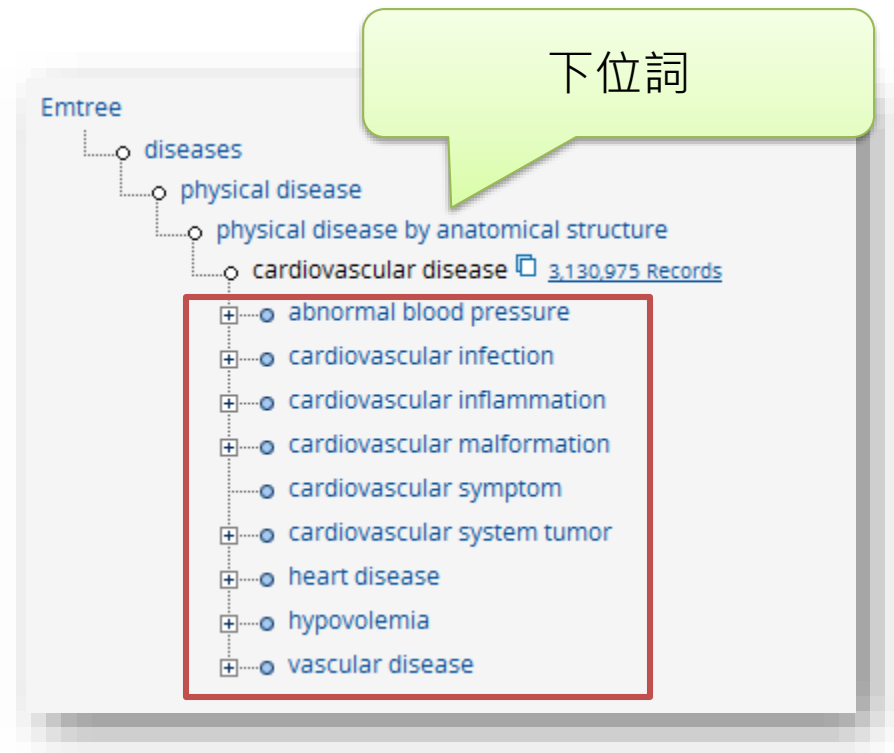
交集 PICO 或多個關鍵字

(篩選研究類型)

## 精準搜尋 – Emtree 與相關指令

支援多種其它平台沒有的搜尋指令，自由調整搜尋條件嚴苛度

Emtree + free text  
+ Synonyms  
'Key word'/Syn



下位詞

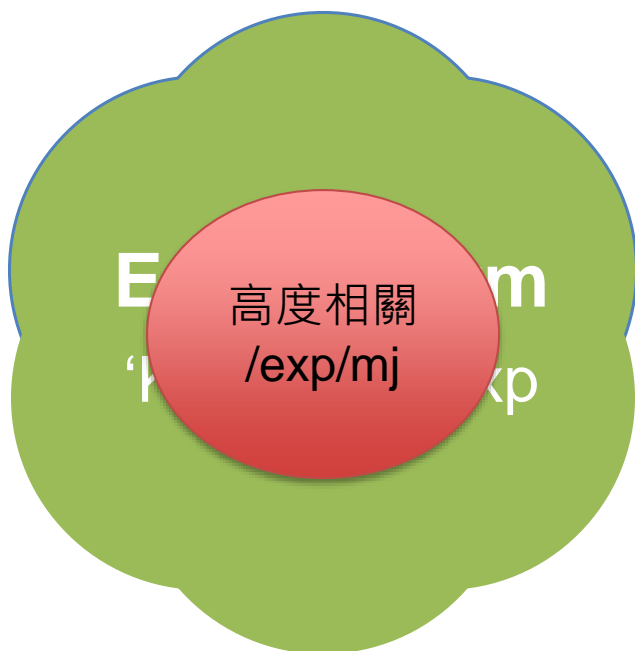
同義詞

### Synonyms

angiocardiopathy; angiocardiovascular disease; cardiovascular complication; cardiovascular diseases; cardiovascular disorder; cardiovascular disturbance; cardiovascular lesion; cardiovascular syndrome; cardiovascular vegetative disorder; complication, cardiovascular; disease, cardiovascular; major adverse cardiovascular event

# Emtree 與搜尋範圍 – 限縮搜尋結果 /mj

Major Focus: 文獻內容與該關鍵字高度相關



Emtree

- diseases
  - physical disease
    - physical disease by anatomical structure
      - cardiovascular disease 3,130,975 Records

- + ○ abnormal blood pressure
        - + ○ cardiovascular infection
        - + ○ cardiovascular inflammation
        - + ○ cardiovascular malformation
        - + ○ cardiovascular symptom
        - + ○ cardiovascular system tumor
        - + ○ heart disease
        - + ○ hypovolemia
        - + ○ vascular disease

下位詞

同義詞

**Synonyms**

angiocardopathy; angiocardiovascular disease; cardiovascular complication; cardiovascular diseases; cardiovascular disorder; cardiovascular disturbance; cardiovascular lesion; cardiovascular syndrome; cardiovascular vegetative disorder; complication, cardiovascular; disease, cardiovascular; major adverse cardiovascular event



# Emtree 與 MeSH

EMTREE 用詞更精準、更新更即時

	Emtree	MeSH
收錄詞彙	> 75,400	> 27,800
收錄同義詞 (Entry terms)	> 314,000	> 87,000
更新頻率	一年3次	一年1次

Diarrhea 在 Emtree 可細分為  
12 個下位詞，MeSH 只有 1 個

## Emtree 搜尋結果



## MeSH 搜尋結果

[All MeSH Categories](#)  
[Diseases Category](#)  
[Pathological Conditions, Signs and Symptoms](#)  
[Signs and Symptoms](#)  
[Signs and Symptoms, Digestive](#)  
**Diarrhea**  
[Diarrhea, Infantile](#)

## 常用 EBM 選項

快速篩選常用 EBM Study Type

searches free-text by default – add /exp to explode

Search >

Mapping▼

Date▼

Sources▼

Fields▼

Quick limits▼

EBM▲

### Evidence Based Medicine

- |  |  |
|--|--|
| <input type="checkbox"/> Cochrane Review   | <input type="checkbox"/> Controlled Clinical Trial   |
| <input type="checkbox"/> Systematic Review | <input type="checkbox"/> Randomized Controlled Trial |
| <input type="checkbox"/> Meta Analysis     |  |

# Quick Search – 支援手機與平板

1. 輸入關鍵字

Broad search

AND

AND

2. 挑選建議的 Emtree Term

◎ tamiflu

e.g. watso

e.g. american heart

+ Add search field    ↻ Reset form

Show 8,643 results >

3. 預覽搜尋結果

NCBI Resources ▾ How To ▾

PubMed.gov  
US National Library of Medicine  
National Institutes of Health

PubMed

Create RSS Create alert Advanced

## Article types

Clinical Trial  
Review  
Customize ...

Text availability

Format: Summary ▾ Sort by: Most Recent ▾

## Search results

Items: 1 to 20 of 3566

4. 與 PubMed 比較

## Why Embase.com?

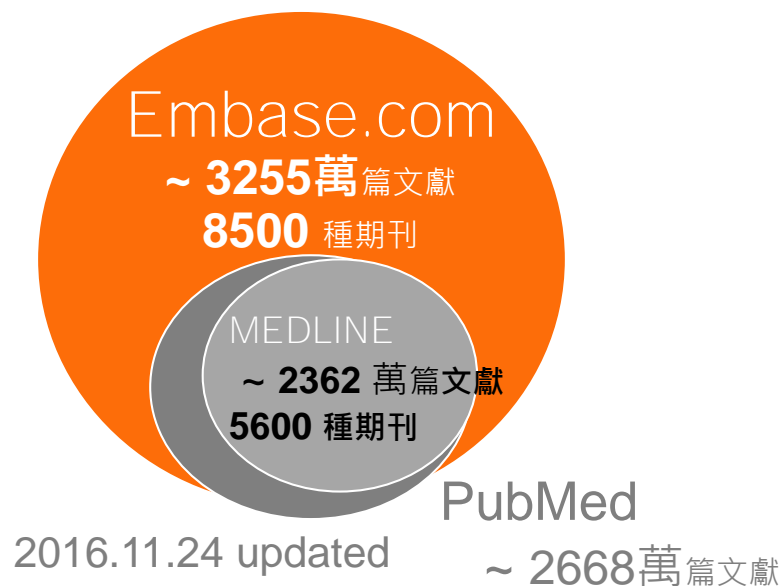
生醫文獻資料庫

適用於基礎醫學研究、實證醫學、藥學、牙醫、護理、物理治療、藥品、醫療器材開發等領域

**收錄內容：確保您不會遺漏重要資訊**

收錄期刊比 Medline 多出 50%

更多歐洲與亞洲資料

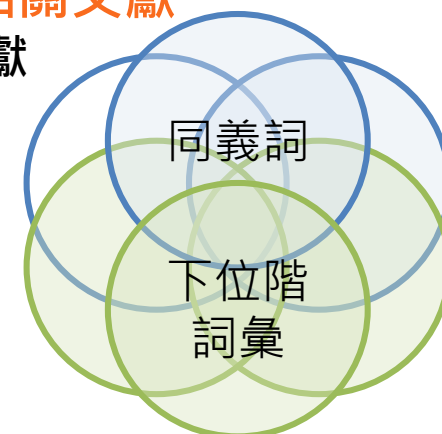


**全文深度索引：無論文章中提到的詞彙為何，都能找到相關文獻**

搜尋包含所有同義詞及下位階詞彙的、最新的生物醫學研究文獻

**優化平台：協助您找出最相關的結果**

提供多元搜尋工具，協助您得到深度並聚焦的結果



# 中文線上資源

taiwan.elsevier.com

中文線上資源包含：  
影片、中文操作手冊、常用操作指令

English | 简体中文 | 繁體中文 | 한국어 | 日本 | India

The screenshot shows the Elsevier website interface. At the top, there is a search bar and navigation links for 'Elsevier.com' and '此網站 搜索'. Below the search bar is a navigation menu with categories like '首頁', '產品', '快速上手Elsevier資料庫', '活動與講座', and '關於我們'. The '快速上手Elsevier資料庫' section is expanded, showing links to ScienceDirect, Scopus, Engineering Village, Knovel, Reaxys, **Embase** (highlighted with a red box), and Mendeley. The main content area features a large banner for 'Embase' with a blue and green abstract image. Below the banner, there is a section titled '線上影音教學' (Online Video Tutorials) with a list of topics: '如何設計搜尋指令-1', '如何設計搜尋指令-2', '如何管理搜尋結果', and '如何優化搜尋指令'. Two video thumbnails are shown below, each with a title and a description.

快速上手Elsevier資料庫 > Embase

Embase

Embase 英文網站 | Embase資料庫

## 線上影音教學

- 如何設計搜尋指令-1
- 如何設計搜尋指令-2
- 如何優化搜尋指令
- 如何管理搜尋結果
- 如何管理新知通報 (email alerts)

### 如何設計搜尋指令-1

影片長度 3:08

本短片介紹如何在 Embase.com 中結合特定藥物及疾病條件搜尋

### 如何設計搜尋指令-2

影片長度 3:13

本短片介紹如何在 Embase.com 中搜尋非藥物或疾病的資料



# THANK YOU ANY QUESTIONS?

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