



Embase.com

— 實證醫學研究不可或缺的
文獻搜尋工具

Elsevier Clinical Solution

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為何您需要Embbase.com

- 1. 發表文獻(系統性回顧)
- 2. 實證競賽(PICO search)
- 3. 解決臨床相關問題
- 4. 昨天晚上沒睡好的人....zzz

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

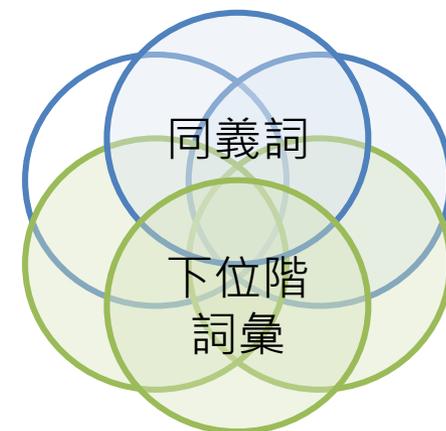
完整涵蓋 Medline，且多收錄 50% 期刊

深度索引：無論文章中的詞彙為何，都能找到相關文獻

Emtree 生醫專有詞彙索引，可協助您找到包含同義詞或相同概念的文獻

精準搜尋：找出最相關的結果

PICO search、EBM filter 等多種搜尋工具，
協助您得到深度並聚焦的結果



Embase.com 涵蓋 Medline 並多收錄 50% 期刊

最大的生醫文獻資料庫

收錄最完整的期刊及研討會文獻並深度索引



PubMed

~ 2710萬篇文獻

2017.4.13 updated

- 收錄文獻多出 37%
- 期刊種類多出 50%
- 更多歐洲與亞洲資料
- RCT 資料更多更即時
- 每天更新文獻

權威機構
一致推薦使用



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

NICE National Institute for
Health and Care Excellence

介面翻譯功能

透過 GOOGLE 翻譯選擇繁體中文，大幅縮短摘要瀏覽時間

Google 已翻譯為 [中文\(繁體\)](#) [顯示原文](#) 選項

Embase® 搜索 瀏覽 結果 我的工具 中文(繁體) 奧利維亞梁 登出 (1)

'nursing'/exp OR nursing 搜索 映射 日期 來源 字段 快速限制 EBM 酒吧。類型 語言 性別 年齡 動物 搜索提

搜索結果過濾器 + 展開 - 收起 應用

- 來源
- 毒品
- 疾病
- 設備
- 浮動副標題
- 年齡
- 性別
- 研究類型

歷史 保存 刪除 打印視圖 出口 電子郵件 結合 運用 和 要么 收起

<input type="checkbox"/>	#3	'nursing'/exp OR nursing	795,844
<input type="checkbox"/>	#2	'health care'/exp	4,278,438
<input type="checkbox"/>	#1	'nursing'/exp	372,002

795844結果搜索 #3 設置電子郵件警報 設置RSS饋送 搜索細節

結果 查看 打印 出口 電子郵件 訂購 添加到剪貼板 1 - 25 顯示所有摘要 排序方式: 關聯 出版年 入學日期

項目的選擇數量 選擇: 0 (明確)

<input type="checkbox"/>	1	質量測量護理 先天性心臟護理實踐 Connor J.A., Mott S., Green A., Larson C., Hickey P. 美國危重症護理學雜誌: 官方公佈, 美國協會重症監護護理人員 2016 25 : 2 (128-135) MEDLINE 抽象 關鍵詞 查看全文
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Quick Search 超級比一比

Dengue

Embase® Search ▾ Browse ▾ Results Tools ▾ Olivia Liang 田 Logout ⚙️ 🔔(1) ?

dengue

Search > Mapping ▾ Date ▾ Sources ▾ Fields ▾ Quick limits ▾ EBM ▾ Pub. types ▾ Languages ▾ Gender ▾

Results Filters

+ Expand — Collapse all

History Save | Delete | Print view | Export | Email

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

PubMed ▾ dengue

Create RSS Create alert Advanced

21,262

Format: Summary ▾ Sort by: Most Recent ▾

Search results

Items: 1 to 20 of 15,896

1 — 25 >

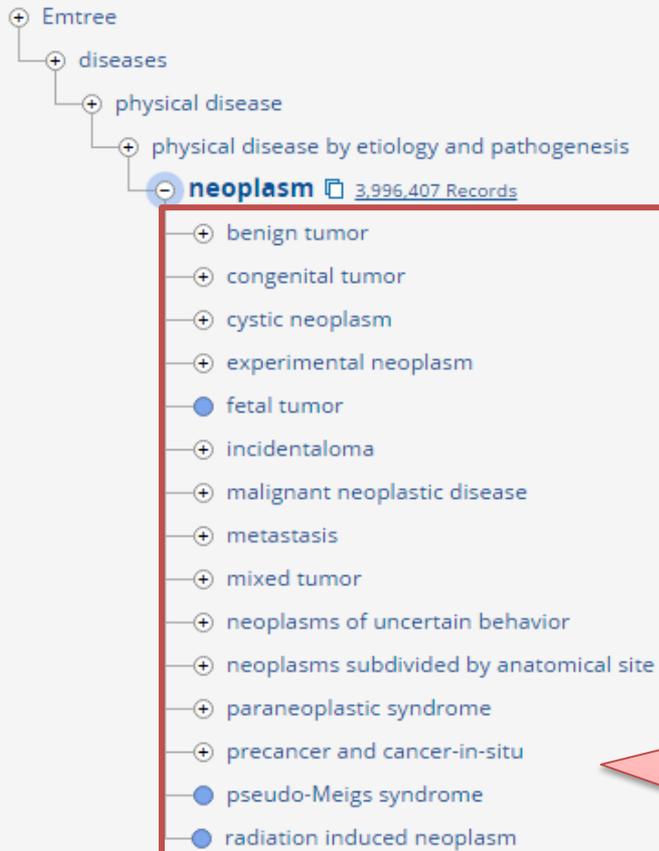
Feedback

Entry Date

robust and balanced immune responses to all 4 dengue virus serotypes following administration of a single dose of a live attenuated tetravalent dengue vaccine to healthy, flavivirus-naive adults
Kirkpatrick B.D., Durbin A.P., Pierce K.K., Carmolli M.P., Tibery C.M., Grier P.L., Hynes N., Diehl S.A., Elwood D., Jarvis A.P., Sabundayo B.P., Lyon C.E., Larsson C.J., Jo M., Lovchik J.M., Luke C.J., Walsh M.C., Fraser E.A., Subbarao K., Whitehead S.S.
Journal of Infectious Diseases 2015 212:5 (702-710) Cited by: 14
Embase MEDLINE ▾ Abstract ▾ Index Terms > View Full Text

Development of DENVax: A chimeric dengue-2 PDK-53-based tetravalent

Emtree 深度索引



- Emtree 收錄詞彙多2.6倍
- 同義詞多 3.5倍
- MeSH term 完整對應到 Emtree term 或其同義詞
- 每年更新 3 次

下位階詞彙

提到較廣義的癌症時，通常也包含這些名詞，但並不一定有用到 cancer, neoplasm 等字眼

同義詞

Synonyms

acral tumor; acral tumour; cancer; cancers; neoplasia; neoplasms; neoplasms by histologic type; neoplasms, cystic, mucinous, and serous; neoplasms, embryonal and mixed; neoplasms, germ cell and embryonal; neoplasms, glandular and epithelial; neoplasms, hormone-dependent; neoplasms, post-traumatic; neoplastic disease; tumor; tumour

Emtree 與搜尋範圍 – 擴大搜尋 /de, /exp, /br, /syn

Indexed term, explode, search as broadly as possible, synonyms

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

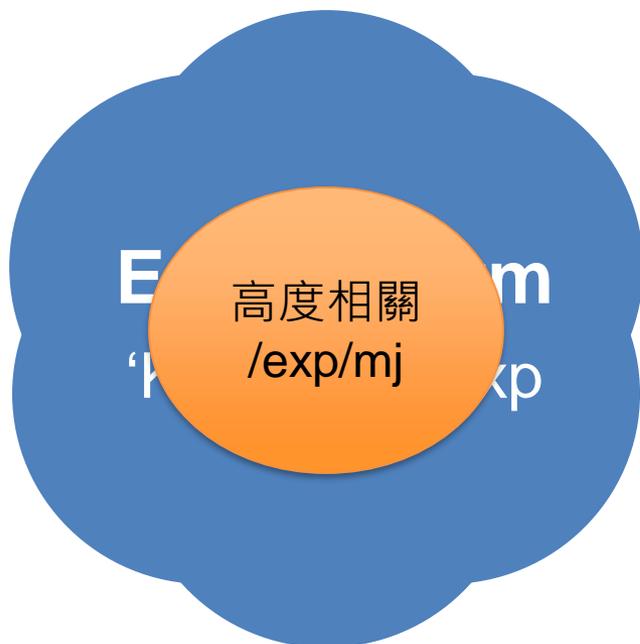
Default search strategy



下位階詞彙

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



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

同義詞

資料庫比一比

- ▶ 「PubMed」普及率高 「Embase.com」圖形介面占上風

	PubMed	Embase.com
容量	只有MEDLINE，約2,550萬篇	包含MEDLINE與Embase，約3,090萬篇 (↑21%)
限制功能	有，多	有，超級多
圖形介面	強	很強
索引名詞	有，MeSH	有，Emtree
提升效率方法	有「clinical query」可直接針對特定問題類型檢索最適當文獻	有「PICO search」，且可搭配Hedge search filter達到相同目的
費用	免費	付費

資料庫比一比

▶ 「MeSH」與「Emtree」的戰爭

- 以「antibiotic associated diarrhea」為例

	MeSH	Emtree
命名	無，只有diarrhea/ chemically induced	有，antibiotic associated diarrhea
差異	專一性低，太多藥品、化學 物質、病原可能引起腹瀉， 檢索結果4,720篇	專一性高，且是根據全文標 定，檢索結果358篇
同義字	無	有，antibiotic associated diarrhea
更新	每年更新一次	每年更新三次

搜尋範例

因肺炎住院的**小孩**需施打**抗生素**，往往會造成**腹瀉**的狀況，若吃**益生菌**是否會改善呢？

- P
 - Children
- I
 - Probiotics
- C
 - **Not using probiotics**
- O
 - Prevention of diarrhea

2016 Feb 新功能 – PICO Search

如何由首頁進入 PICO SEARCH

The screenshot displays the Embase website interface. At the top left is the Embase logo. The navigation bar includes 'Search', 'Browse', 'Results', 'Tools', and user information 'Olivia Liang', 'Logout', a notification bell with '(1)', and a help icon. A dropdown menu is open under 'Search', listing 'PICO', 'Advanced', 'Drug', 'Disease', 'Device', and 'Article'. The 'PICO' option is highlighted with a blue box. Below the navigation bar is the 'Quick Search' section, featuring a search input field with the example text 'e.g. 'cancer gene therapy'', a 'Search >' button, and an 'Options ^' link. Underneath, there are search options including a checkbox for 'Search as broadly as possible' and a 'Publication Years from:' section with dropdown menus set to '2006' to '2006'. A vertical 'Feedback' button is located on the right side of the page. The footer contains four columns of links: 'LIFE SCIENCE SOLUTIONS', 'SUPPORT', 'PRODUCT', and 'NEWSLETTER'. The 'NEWSLETTER' column includes a 'Subscribe >' button. The URL 'www.embase.com/#picoSearch/default' is visible at the bottom left.

Embase®

Search ▾ Browse ▾ Results Tools ▾ Olivia Liang 田 Logout ⚙️ 🔔 (1) ⓘ

Quick Search

e.g. 'cancer gene therapy'

Search > Options ^

Search options

Search as broadly as possible (map, explode, search also as free text)

Publication Years from:

2006 ▾ to 2006 ▾

PICO

Advanced

Drug

Disease

Device

Article

Feedback

LIFE SCIENCE SOLUTIONS

Professional Services™

Pathway Studio™

Reaxys® Medicinal Chemistry

Reaxys®

PharmaPendium®

Embase®

QUOCAM

SUPPORT

Help

Webinars

Guides and videos

Contact Support Team

PRODUCT

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Subscribe to the quarterly Embase newsletter to receive the latest updates, search tips and Embase conferences.

Subscribe >

www.embase.com/#picoSearch/default

用PICO search超級快—兼顧敏感度與專一度

PICO Search

Note: Filling any search line is optional

Default search strategy



Population

children /exp ▼

+ 4 synonyms:all ▼

可手動或自動加入同義字**增加敏感度**

Clear field

Intervention

probiotics /exp ▼

+ 3 synonyms:all ▼

同義字包含Probiotic、
Probiotic agent、Probiotics

Clear field

Comparison

e.g. placebo

可從同義中選擇**專一度**更高的antibiotic associated with diarrhea
文章篇數從1151篇降為177篇

Clear field

Outcome

diarrhea /exp ▼

+ 9 synonyms:all ▼

or ▼

antibiotic associated diarrhea /exp ▼

+ 2 synonyms:all ▼

Clear field

用EBM filter找文章證據等級較高的文獻

Search > Mapping ▾ Date ▾ Sources ▾ Fields ▾ Quick limits ▾ **EBM** ^

Evidence Based Medicine

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

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

			Collapse
<input type="checkbox"/>	#5	'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotics'/exp OR 'probiotic' OR 'probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhea' OR 'antibiotic associated diarrhoea') AND [randomized controlled trial]/lim	RCT 25
<input type="checkbox"/>	#4	'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotics'/exp OR 'probiotic' OR 'probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhea' OR 'antibiotic associated diarrhoea') AND [meta analysis]/lim	MA 28
<input type="checkbox"/>	#3	'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotics'/exp OR 'probiotic' OR 'probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhea' OR 'antibiotic associated diarrhoea') AND [systematic review]/lim	SR 19
<input type="checkbox"/>	#2	'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotics'/exp OR 'probiotic' OR 'probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhea' OR 'antibiotic associated diarrhoea') AND [cochrane review]/lim	2
<input type="checkbox"/>	#1	'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotics'/exp OR 'probiotic' OR 'probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhea' OR 'antibiotic associated diarrhoea')	177

預防(Prevention)或是藥物治療(drug therapy)?

- 利用篩選器選出你要的資訊。

Floating Subheadings

<input type="checkbox"/>	adverse drug reaction	21
<input checked="" type="checkbox"/>	drug therapy	21
<input checked="" type="checkbox"/>	prevention	18
<input type="checkbox"/>	side effect	18
<input type="checkbox"/>	clinical trial	16
<input type="checkbox"/>	oral drug administration	11

問題: 兒童使用益生菌是否可以
「治療」抗生素相關腹瀉?

問題: 兒童使用益生菌是否可以
「預防」抗生素相關腹瀉?

快速呈現檢索歷程(search history)關鍵關鍵字及布林字元

Embase®

Search ▾ Browse ▾ Results Tools ▾

'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotics'/exp OR 'probiotic' OR 'probiotic agent' OR 'probiotics') AND 'antibiotic associated diarrhea' OR 'antibiotic associated diarrhoea') AND [randomized controlled trial]/lim

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

Results Filters

+ Expand - Collapse all **Apply >**

Sources

Embase and MEDLINE: 16



清楚的檢索歷程

- History Save | Delete | Print view | Export | Email **Combine >** using And
- #5 'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhoea') AND [randomized controlled trial]/lim
- #4 'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhoea') AND [meta analysis]/lim
- #3 'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhoea') AND [systematic review]/lim
- #2 'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhoea') AND [cochrane review]/lim
- #1 'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotic agent' OR 'probiotics') AND ('antibiotic associated diarrhea'/exp OR 'antibiotic associated diarrhoea')

→ 同時檢索MEDLINE及EMBASE

在Embase.com檢索類似文獻(related articles)

Embase®

→ 按下related articles即可搜尋相關文獻

Session Results / Record 2 of 25

Full record ▼

Record 2

Related Articles

Add to Clipboard | Email Record

Use of the probiotic *Lactobacillus reuteri* DSM 17938 in the prevention of a randomized, controlled trial

[Georgieva M.](#), [Pancheva R.](#), [Rasheva N.](#), [Usheva N.](#), [Ivanova L.](#), [Koleva K.](#)

Journal of IMAB - Annual Proceeding (Scientific Papers) 2015 **21:4** (895-900)

Go to publisher for the [full text](#)

Search in Priority articles(Publication bias?)

Embase®

Search ▾ Browse ▾

'children'/exp OR 'child' OR 'child of impaired parents' OR 'children' OR 'single parent child' AND ('probiotics'/exp OR 'probiotic' OR 'probiotic associated diarrhea' OR 'antibiotic associated diarrhoea') AND [randomized controlled trial]/lim

Search >

Mapping ▾

Date ▾

Sources ▾

Fields ▾

Quick limits ▲

EBM ▾

Pub. types ▾

Languages ▾

Gender ▾

Age ▾

An

Quick limits

Humans

With abstract

Article in Press

With molecular sequence number

Animals

Priority journals

In Process

With clinical trial number

Only in English

THE LANCET



The NEW ENGLAND
JOURNAL of MEDICINE

為何您需要 Embase.com?

收錄內容：確保您不會遺漏重要資訊

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精準搜尋：找出最相關的結果

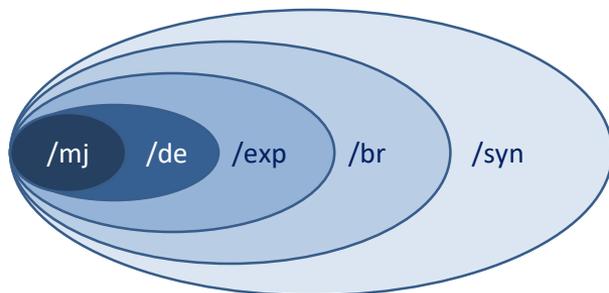
PICO search、EBM filter 等多種搜尋工具，協助您得到深度並聚焦的結果



PubMed

~ 2710萬篇文獻

2017.4.13 updated



The screenshot shows the PICO Search interface. It includes a search bar at the top with the text "PICO Search" and "Note: Filling any search line is optional". Below the search bar are five input fields for PICO criteria: Population, Intervention, Comparison, and Outcome. Each field has a "Clear field" button to its right. The Population field contains "cardiovascular disease (de)". The Intervention field contains "statins (mg)". The Comparison field contains "e.g. placebo". The Outcome field contains "mortality (all)". At the bottom of the interface, there are buttons for "Reset query" and "Show 171 results".

詳細資料



<http://goo.gl/6FP1PY>



與我們聯繫

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Quick Search – 支援手機與平板

The screenshot shows the Quick Search interface with the following elements:

- 1. 輸入關鍵字**: A callout pointing to the search input field containing the text "tamiflu".
- 2. 挑選建議的 Emtree Term**: A callout pointing to a dropdown menu showing suggestions, with "tamiflu" selected and highlighted in orange.
- 3. 預覽搜尋結果**: A callout pointing to a red-bordered button labeled "Show 8,643 results >".

The screenshot shows the PubMed.gov search results page header with the following elements:

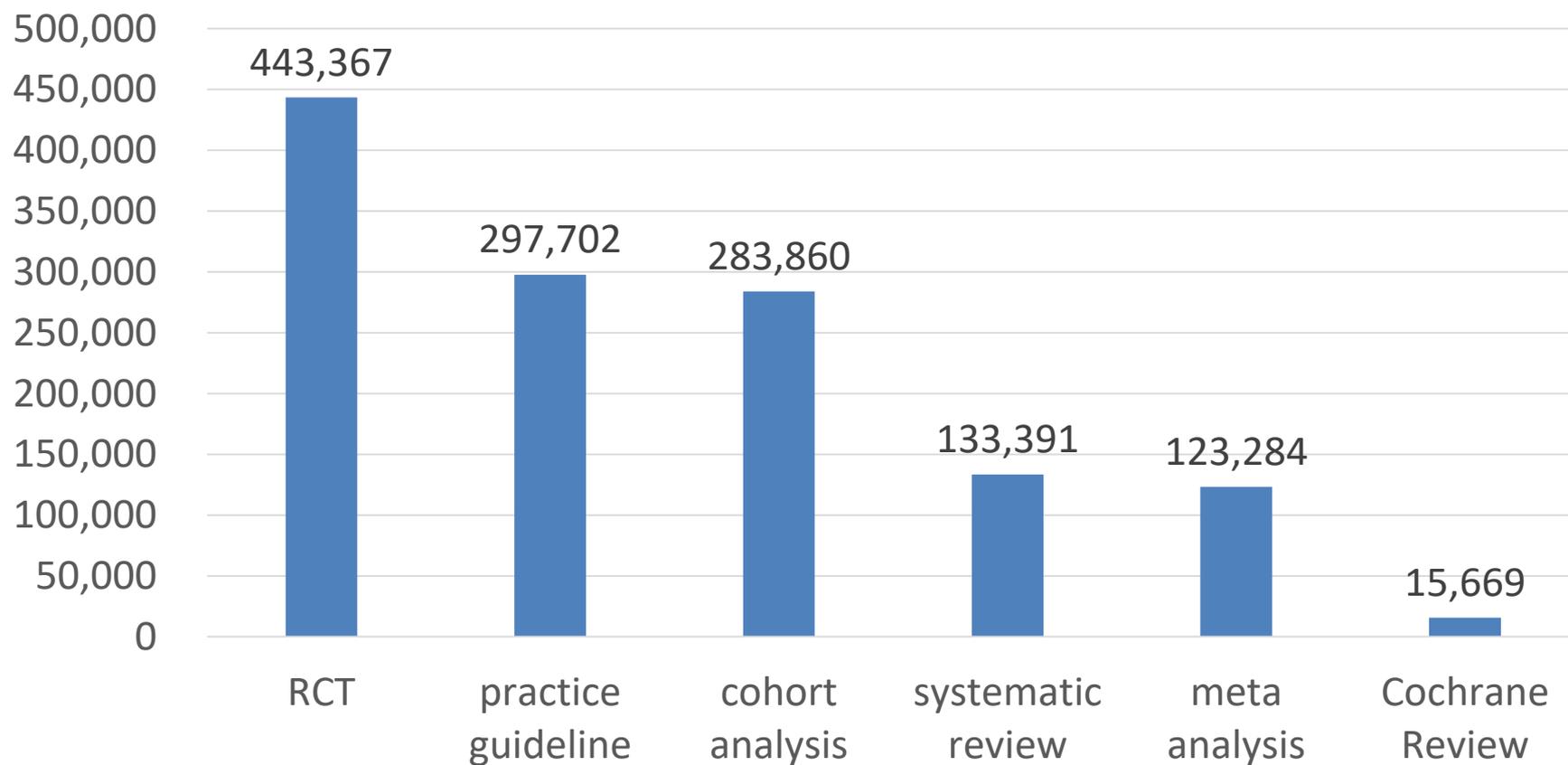
- NCBI Resources ▾ How To ▾
- PubMed.gov logo
- US National Library of Medicine National Institutes of Health
- Search dropdown menu: PubMed ▾ tamiflu
- Buttons: Create RSS, Create alert, Advanced

The screenshot shows the search results filters and summary with the following elements:

- Article types**: Clinical Trial, Review, Customize ...
- Text availability**
- Format**: Summary ▾
- Sort by**: Most Recent ▾
- Search results**: Items: 1 to 20 of 3566 (The number 3566 is circled in red)

4. 與 PubMed 比較

實證醫學常用文獻類型



收錄範圍更廣更完整

QUICK SEARCH

關鍵字	Embase	Pubmed	文章倍數
Adverse Drug Reaction	1,425,019	130,372	10.93
Pharmacy	659,460	314,089	2.10
Drug Interaction	401,802	376,257	1.07
Clopidogrel (Plavix)	50,335	11,962	4.21
Aspirin	196,645	60,631	3.24
Cancer	4,228,129	3,534,417	1.20
Cardiovascular disease	3,887,392	2,236,616	1.74
Long Term Care 長照	1,367,752	108,429	12.61
Elderly Care 高齡照護	73,902	2,322	31.83

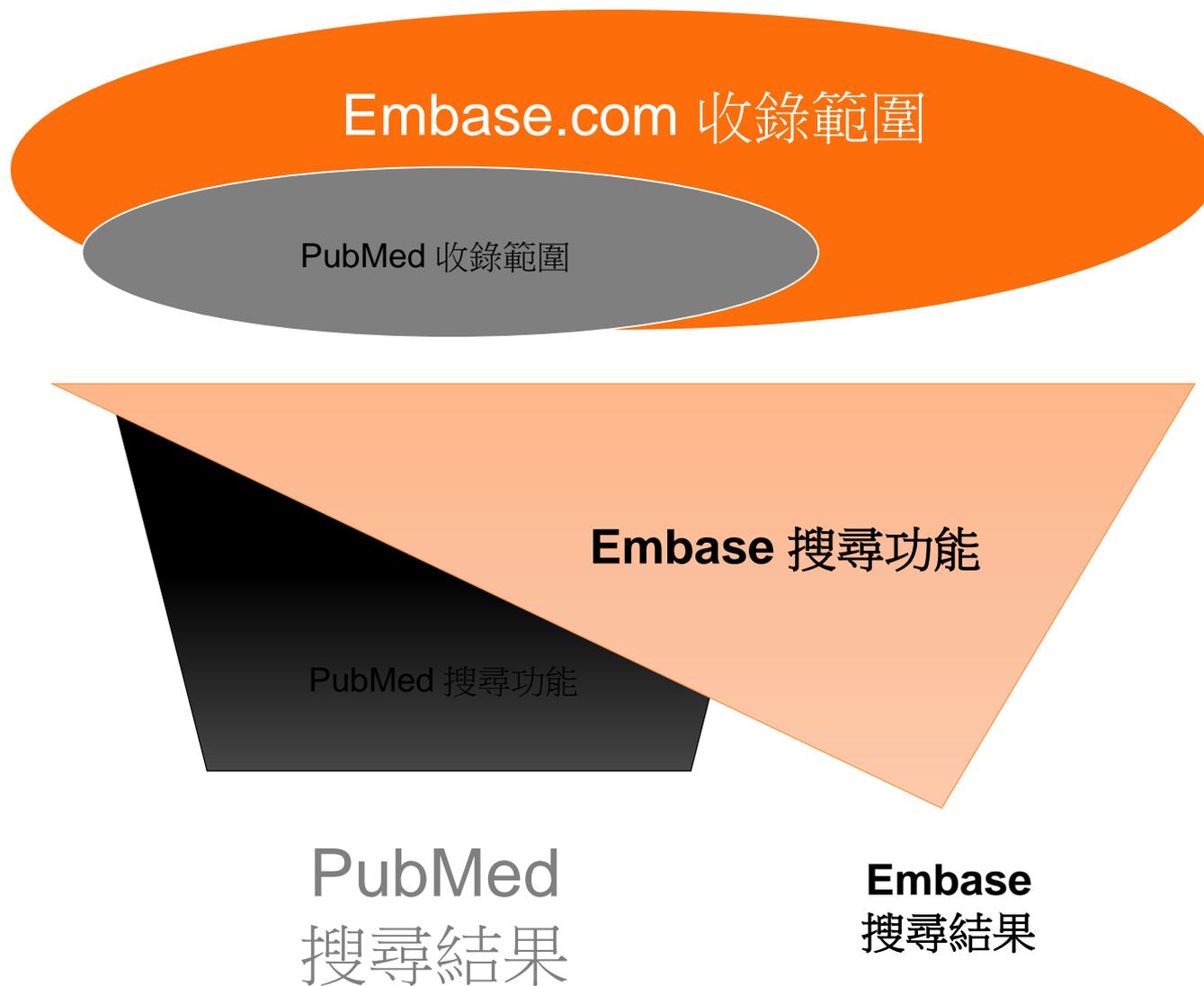
更細緻的藥品詞彙分類

Emtree & MeSH

	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

關鍵字	Emtree	MeSH	倍數
Aspirin 收錄文章	188,968	41,379	4.57
Aspirin 同義詞	269	18	14.94
Clopidogrel 收錄文章	49,106	7,537	6.52
Clopidogrel 同義詞	26	16	1.63

多元搜尋功能輔助，找到最佳文獻



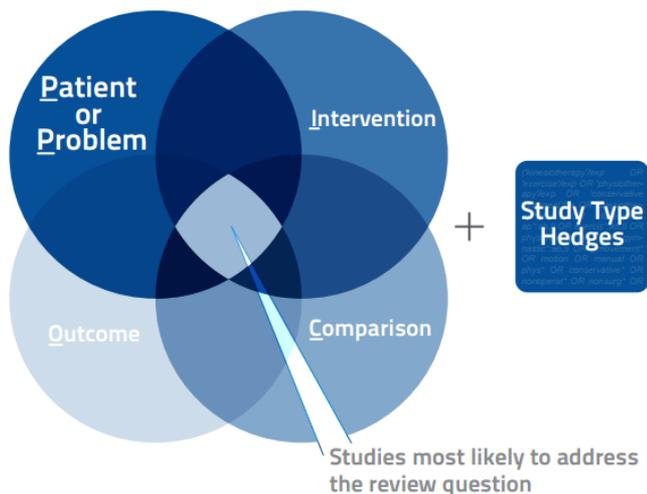
PICO 搜尋流程

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 and Clopidogrel</u>	-	<u>Prevent*</u>



交集 PICO 或多個關鍵字

(篩選研究類型)

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

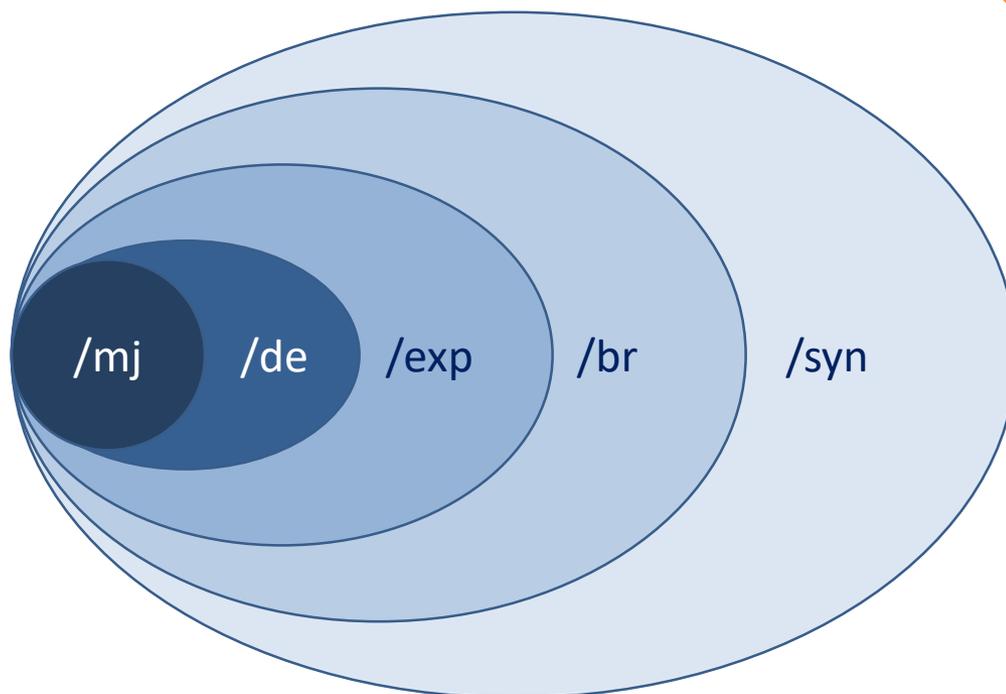
自由調整搜尋範圍

選擇連結方式

預覽搜尋結果

Flexible search strategy in Embase.com

搜尋方法	/mj	/de	/exp	/br	/syn
Keyword	87	2,885	30,878	31,584	32,080
SR, MA	11	245	1,289	1,324	1,335
RCT	9	174	2,198	2,275	2,290



Quick Search
= /br (Broad Search)

P Cardiovascular disease
I Aspirin and Clopidogrel

中文線上資源

- 逐步操作影片
- 中文操作手冊
- 教育訓練投影片
- 搜尋指令

快速上手Elsevier資料庫 > 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
- 如何管理新通知通報 (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

中文線上支援



<https://goo.gl/hmHuqu>

詳細資料



<http://goo.gl/6FP1PY>