



北醫圖資源利用課程系列

Embase

生物醫學文獻資料庫

臺北醫學大學圖書館



課程目標



1

熟悉 Embase 資料庫的介面

2

學會取得全文的方式跟管道

3

理解圖書館建議的檢索步驟

4

認識醫學標題表(Emtree)的功用

5

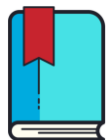
學會如何快速理解單一文獻的重點

6

知道可用於 Embase 的檢索技巧

關於 Embase

有訂才能用的生物醫學期刊索引摘要資料庫



背景資訊

- 1947年由 Elsevier 公司所建置
- 收錄有超過4,100萬篇生物醫學與健康領域的相關文獻書目資訊



最大特色

- 涵蓋 Medline 資料庫
- 除期刊外，還有研討會摘要及預印本
- 收錄較多歐亞的期刊
- 提供 Emtree 標題表



特別提醒

- 只有提供文章的書目、摘要，而沒有全文
- 校院外嘗試使用此資料庫前，需先設好校外連線 (TMU-VPN)

如何進入 Embase

進入圖書館網站, 下拉畫面
移至底部的《常用資源》,
即可點擊 Embase 進入資
料庫。

<https://library.tmu.edu.tw/>

The screenshot shows the Taipei Medical University Libraries website. At the top, there is a navigation bar with links for 首頁 (Home), 臺北醫學大學 (Taipei Medical University), 網站地圖 (Site Map), and English. Below this is a search bar and a section for 常用服務 (Common Services), 資源查尋 (Resource Search), 各項服務 (Various Services), 諮詢與協助 (Consultation and Assistance), 問題與建議 (Questions and Suggestions), and 關於本館 (About the Library). The main content area features a large banner with the text "整合查詢" (Integrated Search) and "圖書館館藏" (Library Collection), along with buttons for Pubmed and Google Scholar. A search bar is also present with a "查詢" (Search) button. To the right, there is a section for "今日開館時間" (Today's Opening Hours) for the 北醫大圖書館 (TMU Library), showing the date 2023-02-21 and the time 08:30 ~ 22:00. Below the banner, there are several news and announcement items, including "[公告] 雙和圖書館歡迎雙和校區師生入館使用各項服務" and "[公告] 二二八和平紀念日休館(2/27-28)". At the bottom, there is a section titled "常用資源項目" (Common Resource Items) which contains a row of buttons for various databases: EndNote, Pubmed, Embase, InCites JCR, Scopus, WOS, Turnitin, and 線上自學資源 (Online Self-learning Resources). The "Embase" button is highlighted with a red circle. Below this row, there is a section for "其他連結" (Other Links) and "聯絡資訊" (Contact Information).

下拉 ↓ 下拉

常用資源項目

EndNote Pubmed **Embase** InCites JCR Scopus WOS Turnitin 線上自學資源

其他連結 聯絡資訊

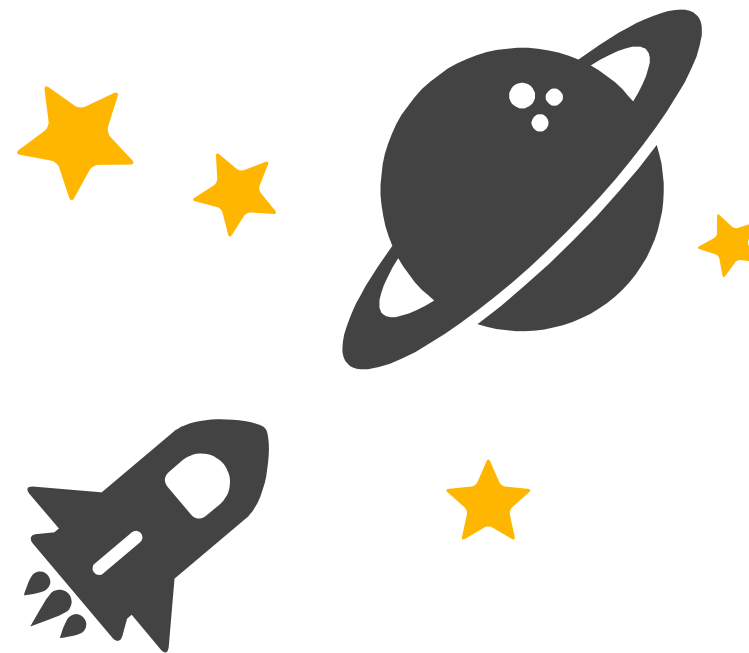
【特別提醒】

校院外連用Embase.com前
請務必先設定校院外連線
否則無法進入平台檢索喔！

校院外連線說明可查看



<http://bit.ly/30yGYVC>



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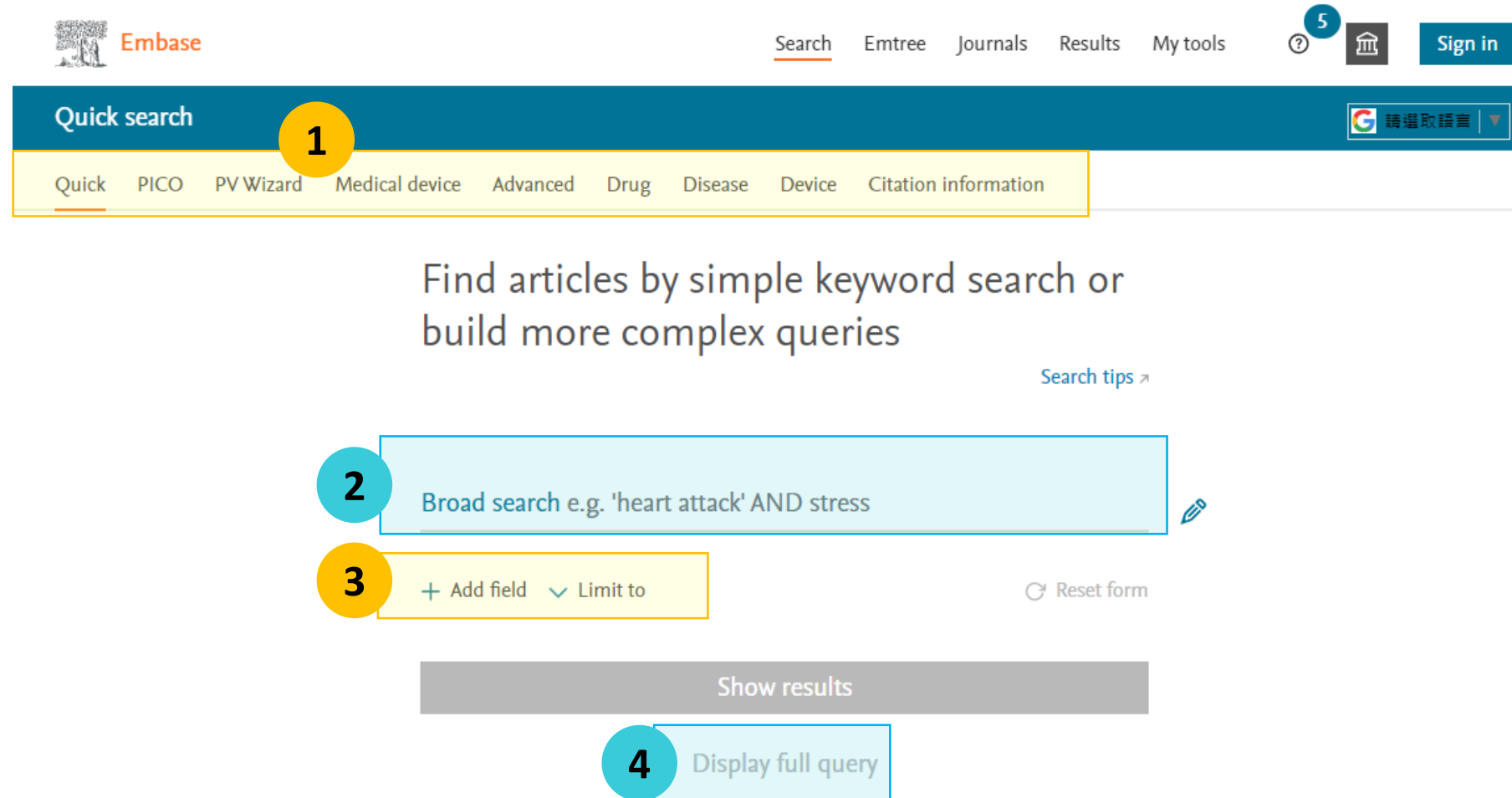
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知道可用於 Embase 的檢索技巧

首頁

- ① 各檢索模組
- ② 基本檢索框
- ③ 可增加檢索欄位及限制條件
- ④ 查看 Embase 實際的檢索策略



The screenshot shows the Embase search interface. At the top, the Embase logo is on the left, and navigation links (Search, Emtree, Journals, Results, My tools) are on the right. A 'Sign in' button is also present. Below the navigation bar is a 'Quick search' section. A yellow box labeled '1' highlights the 'Quick search' header and the search mode tabs (Quick, PICO, PV Wizard, Medical device, Advanced, Drug, Disease, Device, Citation information). Below the tabs, the text 'Find articles by simple keyword search or build more complex queries' is displayed. A 'Search tips' link is to the right. A light blue box labeled '2' highlights the main search input field containing the text 'Broad search e.g. 'heart attack' AND stress'. Below the input field is a yellow box labeled '3' containing '+ Add field' and 'Limit to' options. To the right of this box is a 'Reset form' link. Below the input field is a grey 'Show results' button. A light blue box labeled '4' highlights the 'Display full query' link. A yellow box labeled '5' highlights the top right corner, including the 'Sign in' button and a help icon.


檢索結果頁

⑤ 限制條件



⑥ 結果篩選限制

⑦ 檢索歷史


⑧ 檢索結果清單

Embase

SearchEmtreeJournalsResultsMy tools

5Sign in

Results

請選取語言 | ▼

'total knee arthroplasty'/exp OR 'total knee arthroplasty'

5

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

Results Filters

+ Expand — Collapse all Apply >

Sources6▼

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▼

☐ History Save | Delete | Print view | Export | Email Combine > using ☒ And ☐ Or ^ Collapse

☐ #2 'movement therapy'/exp OR 'movement therapy' OR 'continuous passive motion therapy' 3,595


☐ #1 'total knee arthroplasty'/exp OR 'total knee arthroplasty' 41,905


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41,905 results for search #1  Set email alert  Set RSS feed  Search details  Index miner

☐ Results View | Export | Email | Add to Clipboard 1 — 25 >

Select number of items ▼ Selected: 0 (clear) Show all abstracts | Sort by: ☐ Relevance ☐ Author ☒ Publication Year ☐ Entry Date

☐ 1 Technical aspects of virtual augmented reality based rehabilitation systems for musculoskeletal disorders of the lower limbs: a systematic review
Kiani S., Rezaei I., Abasi S., Zakerabasali S., Yazdani A.
BMC Musculoskeletal Disorders 2023 24:1 Article Number 4 Cited by: 0
Embase MEDLINE ▼ Abstract ▼ Index Terms > View Full Text  Similar records >

☐ 2 Effectiveness of different antithrombotic agents in combination with tranexamic acid for venous thromboembolism prophylaxis and blood management after total knee replacement: a prospective randomized study
Zhou L.-B., Wang C.-C., Zhang L.-T., Wu T., Zhang G.-Q.
BMC Musculoskeletal Disorders 2023 24:1 Article Number 5 Cited by: 0
Embase MEDLINE ▼ Abstract ▼ Index Terms > View Full Text  Similar records >


☐ 3 The impact of dehydration on short-term postoperative complications in total knee arthroplasty
Lung B., Callan K., McLellan M., Kim M., Yi J., McMaster W., Yang S., So D.
[In Process] BMC Musculoskeletal Disorders 2023 24:1 Article Number 15 Cited by: 0
Embase MEDLINE ▼ Abstract ▼ Index Terms > View Full Text  Similar records >



☐ 4 Efficacy of immediate postoperative intravenous iron supplementation after staged bilateral total knee arthroplasty
Lee S.-S., Lee J., Moon Y.-W.
[In Process] BMC Musculoskeletal Disorders 2023 24:1 Article Number 17 Cited by: 0


8

詳細書目頁 (上半部)

- ⑨ 回到檢索結果頁
/ 至前一筆/後一筆
- ⑩ 書目資訊、摘要
- ⑪ 可能可得全文的連結
及其他匯出工具

 **Embase**

Search Emtree Journals Results My tools  5  Sign in

Record details 


9 [← Back to results](#) [← Previous](#) 2 of 41,905 [Next >](#)

10

Chinese Journal of Tissue Engineering Research 2021 25:27 (4408-4414)

Development status and strategy of outpatient total knee arthroplasty








Kang B., Wang J.D.

 View author addresses

^ Abstract

BACKGROUND: With the development of total knee arthroplasty and the application of the concept of enhanced recovery after surgery in total knee arthroplasty, patients with total knee arthroplasty now have lesser trauma, fewer bleeding, faster recovery and effectively shorten length of stay. Some patients can even be discharged on the same day of surgery. Outside China, many hospitals have carried out outpatient total knee arthroplasty in the Ambulatory Surgery Center. In China, the outpatient total knee arthroplasty is still in the exploratory stage, and there are relatively few reports about it. OBJECTIVE: To describe the development status and strategies of outpatient total knee arthroplasty by referring to the relevant literature of outpatient total knee arthroplasty, so as to provide some ideas for the implementation of outpatient total knee arthroplasty in China. METHODS: These articles of outpatient total knee arthroplasty from the inception of the database to September 2020 were retrieved from CNKI, Wanfang, PubMed and Web of Science databases by computer. The search words in Chinese and English were "total knee arthroplasty", "total joint arthroplasty", "arthroplasty, replacement, knee", "outpatient", "same-day discharge", "ambulatory surgical procedures". Finally, 61 articles were included to analyze the results. RESULTS AND CONCLUSION: (1) The proportion of outpatient total knee arthroplasty in foreign countries was rapidly growing each year. It is relatively safe to perform outpatient total knee arthroplasty on strictly selected patients and the incidence of postoperative complications and readmission was low. (2) At present, some domestic third-level grade-A hospitals have achieved that some patients are discharged on the first day after surgery, and even some patients can be discharged on the same day of surgery. (3) This means that there are certain conditions for carrying out outpatient total knee arthroplasty in China.

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[Full text >](#)
 Export
 Send
 Add to Clipboard
 Print
 Similar records
 Search by author(s)
 Print

詳細書目頁 (下半部)

⑫ Emtree主題詞, 讓你快速了解該文獻探討的文章類型、主題及對象

⑬ 作者關鍵字

⑭ 其他相關資訊


不同文章提供的項目不一，
非每篇文章都會有Drug /
Disease / Device 的主題詞

Record details

 請選取語言 | ▼


[← Back to results](#) [← Previous](#) 2 of 41,905 [Next >](#)

^ Drug terms

 [Find term in Emtree](#)

acetylsalicylic acid

^ Disease terms


 [Find term in Emtree](#)

bleeding

injury


postoperative complication

^ Device terms

 [Find term in Emtree](#)

computer

^ Other terms

 [Find term in Emtree](#)

ambulatory surgery

article

body mass

enhanced recovery after surgery

hospital discharge

hospital readmission

hospitalization

human

incidence

length of stay

Medline

remission

systematic review

total knee arthroplasty

Web of Science

13

^ Author keywords

Ambulatory surgery centers

Knee

Outpatient surgery

Review

Total knee arthroplasty

14

^ Additional information

Publication type

Article

Embase identification number (PUI)

L2006856653

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6

知道可用於 Embase 的檢索技巧



關於取得全文 1

Embase 只有索引摘要，沒有全文。雖然無法從 Embase 直接下載全文，但它有提供可能可以取得全文的連結，連結狀態有三種：



免費的開放取用文章

- 文章本身即為開放取用 (open access) 的文件
- 可下載，校院內外不需任何設定，皆能直接下載



圖書館有訂購的期刊/資料庫

- 可下載，校院外需設定連線才能下載
- 校院外連線設定說明請見 <http://bit.ly/30yGYVC>



非免費+圖書館沒有訂購的期刊

- 無使用權
- 校院內外都無法下載
- 西文期刊可嘗試透過申請 Rapid ILL 取得全文
<https://reurl.cc/nZevoe>

關於取得全文 2



如果點擊Embase上的Full Text 連結無法取得全文，可另嘗試透過圖書館的整合查詢功能確認喔！

圖書館整合查詢 (Quick Search)

- 位於圖書館首頁

<https://library.tmu.edu.tw>

- 無法保證可找到所需文章的資訊 (可能查無)

STEP

1 至「整合查詢」
查詢文章題名

建議在文章題名前
後加上 “ ”，才不
會找到無關的資料



STEP

2 點選「Full Text
Finder」連結

不是每筆資料都有
Full Text Finder





關於取得全文 3

如果點擊Embase上的Full Text 連結無法取得全文，可另嘗試透過圖書館的整合查詢功能確認喔！

TMULs Full Text Finder

- 若人在校院外，需先設定 學校VPN或醫院Proxy 才能成功偵測有無全文權限
- 偵測結果有二，如右圖

RESULT

1 可取得全文

直接點擊畫面提供的連結，即可轉入出版社網站或其他資料庫內下載

Full Text Finder Results

Resources Located for this Citation



[Check for full text at the publisher's site.](#)



[Find this article in full text from EBSCOhost SmartLinks+](#)

RESULT

2 無法取得全文

可點擊畫面中的圖書館服務連結，轉向其他圖書館申請全文

Full Text Finder Results

Resources Located for this Citation

[TMU - Rapid ILL | Only for western journal articles \(Free\)](#)



[TMU - NDDS | Apply for journal, book, meeting, thesis, report \(Charge\)](#)

課程目標



1 熟悉 Embase 資料庫的介面

2 學會取得全文的方式跟管道

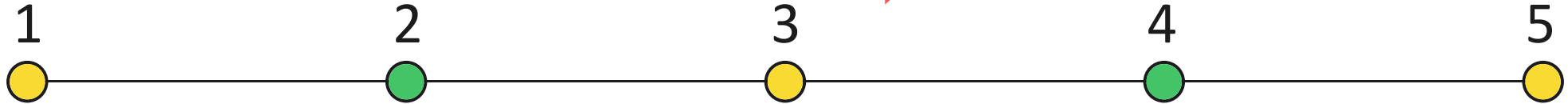
3 理解圖書館建議的檢索步驟

4 認識醫學標題表(Emtree)的功用

5 學會如何快速理解單一文獻的重點

6 知道可用於 Embase 的檢索技巧

建議的檢索步驟



確定檢索主題

將問題拆解成
個別主題概念
(可利用PICO原則)

確認關鍵字

列出檢索所有可用
的字詞，必要時可
利用醫學標題表
(如Emtree)以「主
題」輔助查尋



Medline, Pubmed, Cochrane Library,
CINAHL皆有提供標題表

個別檢索

可確切掌握檢索歷
程，並可隨時調整
查尋用詞
(查看History)

合併查尋

利用「History」
，將各筆查尋結
果合併

篩選結果

利用「Results
Filters」加上適
用的條件，挑出
所需資料

建議的檢索步驟 ①

關於PICO



P = Patient, Problem, Population

誰是病人: 性別, 年齡, 種族, 懷孕, 病史...
何種疾病或症狀



I = Intervention

關注的 治療方式、劑量、頻率、診斷工具



C = Comparison

對照的 治療方式、劑量、頻率、診斷工具



O = Outcome

臨床關注、對病患有意義可測量的結果
EX: 死亡率、副作用、是否有改善症狀、增加存活、
避免危險因子等...

建議的檢索步驟 ①

PICO 拆解範例



對於患有糖尿病的成年人，飲食控制和運動對血糖水平的影響有何差異？



對於 (P)患有糖尿病的成年人，(I)飲食控制和運動對 (O)血糖水平的影響有何差異？

建議的檢索步驟 ④

合併查尋



檢索範例影片

<https://t.ly/1kP0h>

- ① 勾選要合併的檢索
- ② 選擇用 AND 或是 OR
- ③ 點選 《Combine》

Results

'blood glucose level'/exp OR 'blood glucose level' OR (('blood'/exp OR blood) AND ('glucose'/exp OR glucose) AND level)

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

Results Filters

+ Expand — Collapse all Apply >

Sources ▼

Drugs ▼

Diseases ▼

Devices ▼

Floating Subheadings ▼

Age ▼

History Save | Delete | Print view | Export | Email

1 ☒ #4 'blood glucose level'/exp OR 'blood glucose level' OR (('blood'/exp OR blood) AND ('glucose'/exp OR glucose) AND level) 423,111

☐ #3 'diet control' OR (('diet'/exp OR diet) AND ('control'/exp OR control)) 211,163

☐ #2 'exercise'/exp OR exercise 684,467

☐ #1 'diabetes mellitus'/exp OR 'diabetes mellitus' 1,256,781

3 Combine >

2 using ☒ And ☐ Or

423,111 results for search #4 Set email alert Set RSS feed Search details Index miner

Results View | Export | Email | Add to Clipboard 1 — 25 >

Select number of items ▼ Selected: 0 (clear) Show all abstracts | Sort by: ☐ Relevance ☐ Author ☒ Publication Year ☐ En

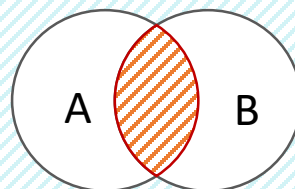
建議的檢索步驟 ④

合併查尋

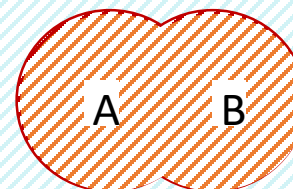
如何用NOT指令合併?



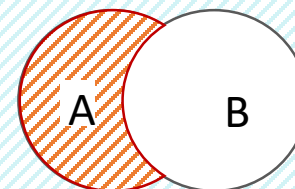
→ 布林邏輯運算元



A **AND** B



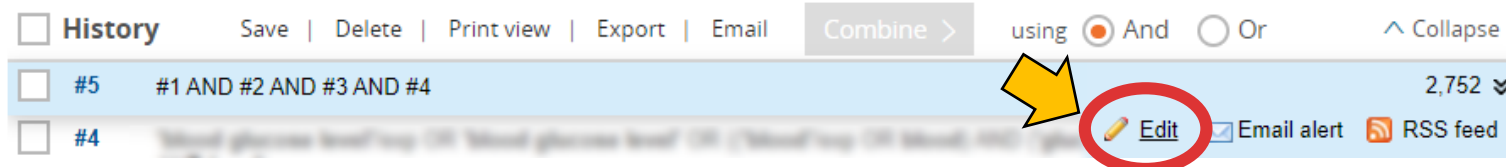
A **OR** B



A **NOT** B

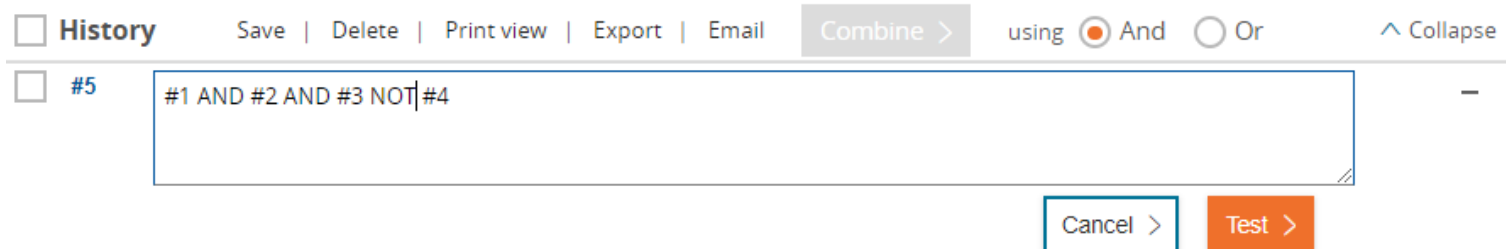
1

先利用 AND 或 OR 合併產生紀錄，再點該筆的《Edit》進行編輯



2

直接將要使用NOT的地方改為NOT (大寫)，點擊右下《Test》後，此按鈕會變成《Accept and update》，再點擊一次，即可



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建議的檢索步驟 ② ... 的補充說明

關於Emtree



Emtree是什麼??

和 Pubmed 的 MeSH 一樣是醫學標題表。為樹狀結構從廣義到狹義組合而成(圖見下一張)，每個主題詞都代表一個特定的主題範疇。



誰負責建置+維護的??

由 Elsevier 公司所建置，每年都會因應現狀更新、增刪、調整主題詞表三次。目前累積有超過 86,000 主題詞彙。



標題表的好處??

- 查詢時：將同義的詞彙們建立關連，讓你可以用「主題」檢索，而較不需煩惱還有哪些關鍵字可以加入查詢。
- 閱讀時：可快速了解文章內容所探討的主題及面向。

哪些資料庫也有提供標題表??

Medline, Pubmed, Cochrane Library

主題間的 關聯性

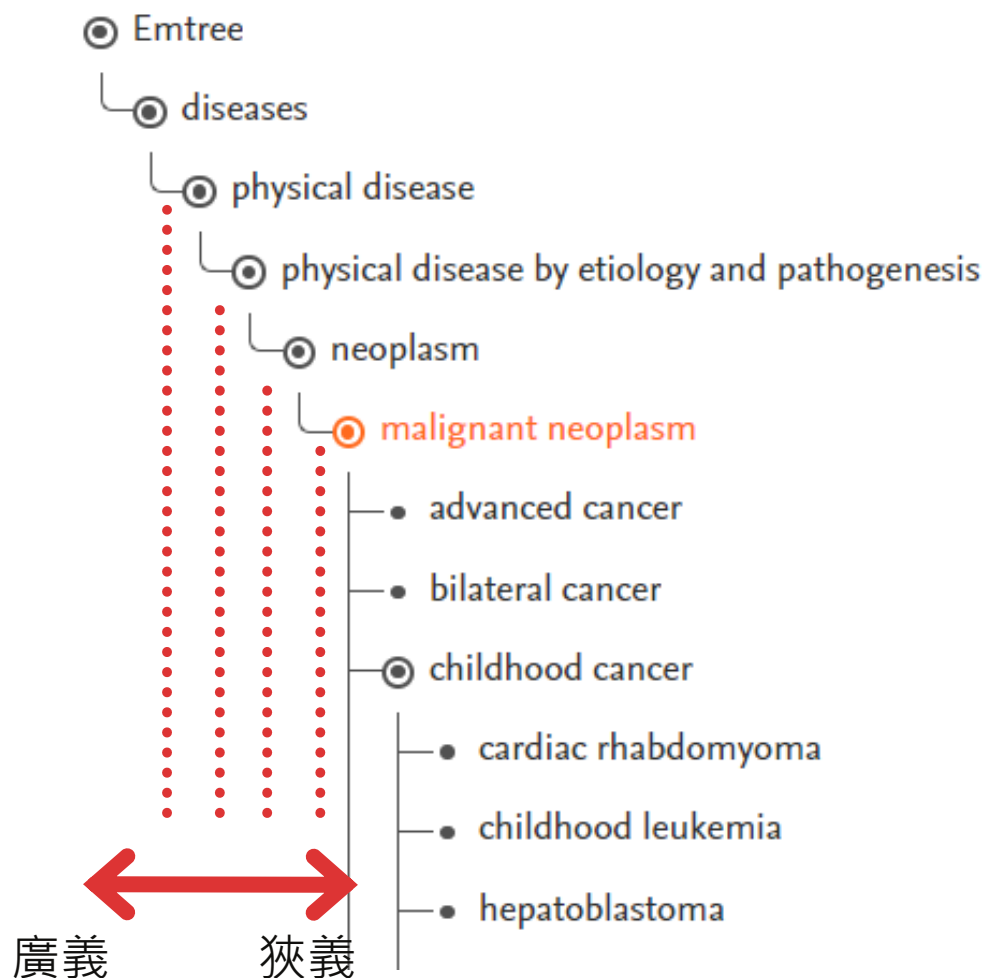
**以查詢Cancer為例

從廣義到狹義組合而成的
樹狀結構

呈現了主題之間的關係；
愈上層主題涵蓋範圍越大，
愈下層的主題涵蓋範圍則
越精細。

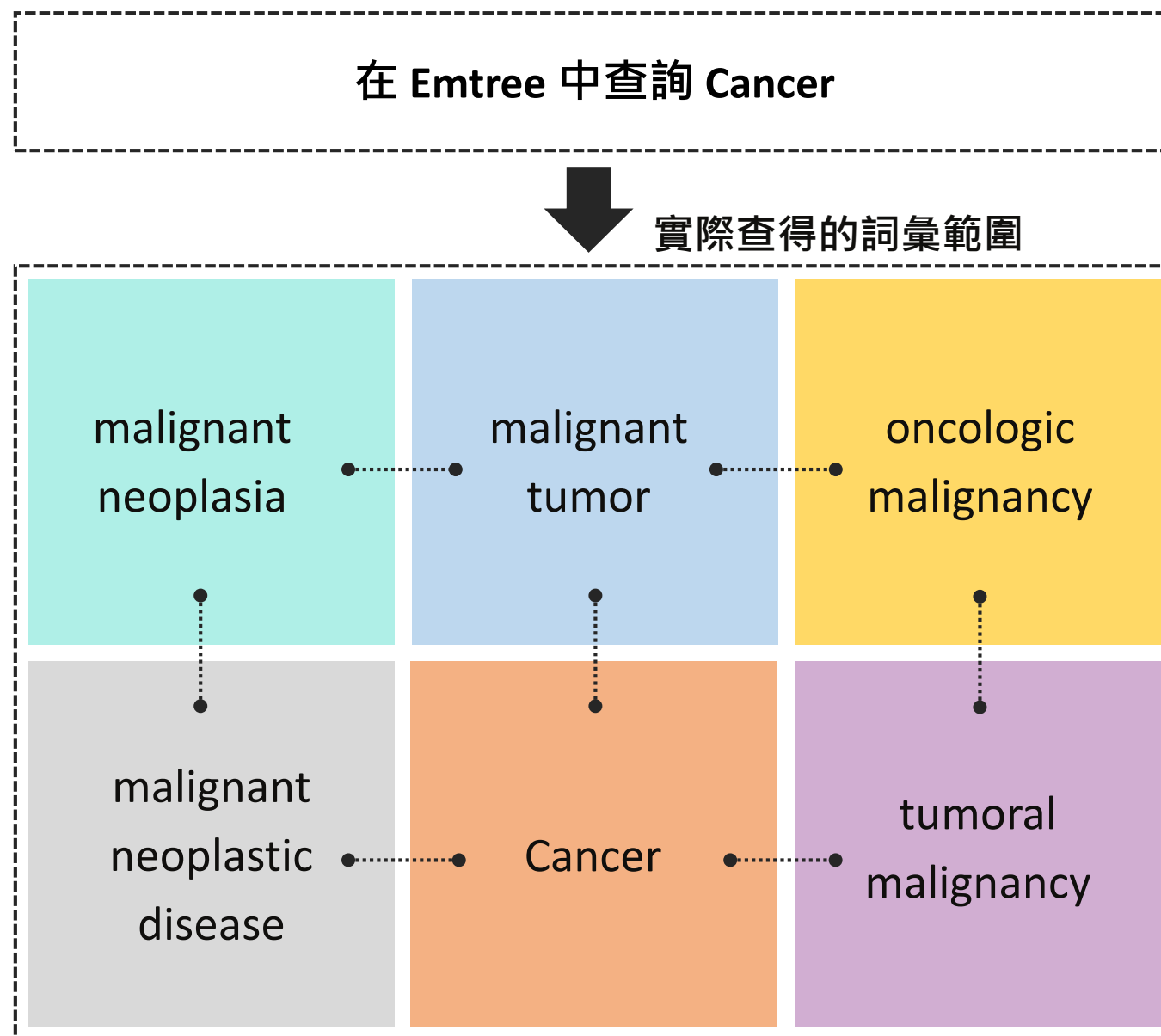
Browse Emtree

Search term in Emtree
malignant neoplasm



詞彙間的串連

- ➔ 串連同義詞
- ➔ 不同的標題表，詞彙的涵蓋範圍也不同，應用時請特別注意此差異



Emtree

查詢後畫面

**以查詢Cancer為例

- ① 進入 Emtree 查詢
- ② 搜尋框
(查找Emtree 主題詞)
- ③ 搜尋詞的主題階層圖
(廣義到狹義)
- ④ 將此主題詞帶入檢索功能
- ⑤ 此主題詞的同義詞



Search

1

Emtree

Journals

Results

My tools

5

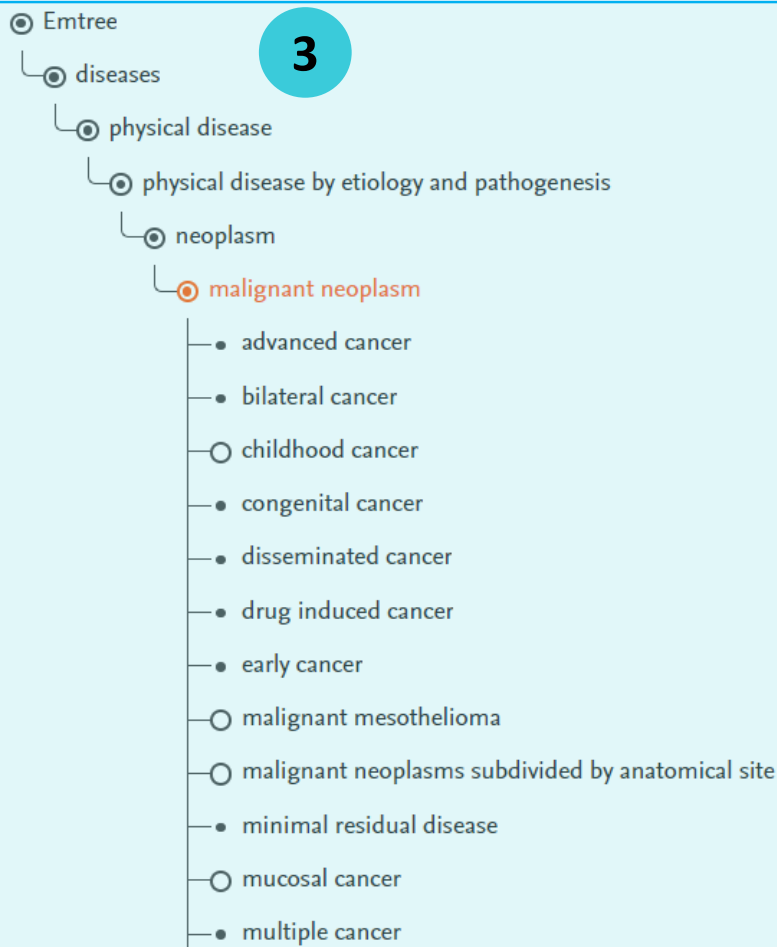


Emtree

請選取語言

Search term in Emtree
malignant neoplasm

2



Term information

Query builder

malignant neoplasm

Extend search using: /exp

4

Show 4,395,037 results

Take to Disease search

+ Add to query builder

Synonyms (15)

5

Copy

cancer cancers malignant neoplasia
malignant neoplastic disease malignant tumor
malignant tumour neoplasia, malignant
neoplastic malignancy neoplastic malignancy
oncologic malignancy oncological malignancy
tumor, malignant tumoral malignancy
tumorous malignancy tumour, malignant

課程目標



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熟悉 Embase 資料庫的介面

2

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關於快速理解單一文獻的重點

檢索結果頁: 利用展開《Index Terms》快速理解文章重點



- **黃底詞彙**
符合你查詢的主題詞彙
- **綠底詞彙**
為你查詢的主題詞彙的下層詞/狹義詞
- **粗體詞彙**
為此篇文章主要的討論重點
- 點擊  可以查看此主題詞的細目內容

☐ 5

Survey on the awareness of diabetic retinopathy among people with di
community of Shanghai
Xiong Y., Liu L.-P., Chen Y., Zhao J.
International Eye Science 2015 15:7 (1117-1122) Cited by: 6
Embase [Abstract](#) [Index Terms](#) [View Full Text](#) [Similar records >](#)

Drug Terms
glucose[🔍]

Disease Terms
diabetes mellitus[🔍], **diabetic retinopathy**[🔍], visual impairment[🔍]

Other Terms
adult[🔍], article[🔍], **awareness**[🔍], blood glucose monitoring[🔍], **diet** restriction[🔍], **exercise**[🔍], eye examination[🔍], eye photography[🔍], female[🔍], **glucose blood level**[🔍], health education[🔍], health insurance[🔍], **health survey**[🔍], human[🔍], incidence[🔍], knowledge[🔍], major clinical study[🔍], male[🔍], physical examination[🔍], prevalence[🔍], questionnaire[🔍], univariate analysis[🔍], visual acuity[🔍]

☐ 6

Artificial pregnancy woman GDM nutritional care case report
Mao S.
Journal of Diabetes Investigation 2018 9 Supplement 1 (128-)
Embase [Abstract](#) [Index Terms](#) [View Full Text](#) [Similar records >](#)

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知道可用於 Embase 的檢索技巧

檢索技巧

讓你的檢索結果更符合期望!!

1



使用AND, OR, NOT增加關鍵字

- 作為指令時，AND, OR, NOT 需大寫
- 使用2個以上此指令請加 (), 以便系統判定執行先後
- 運算優先順序: ()>NOT>AND>OR

檢索範例:

elderly OR geriatric OR aged

2



利用 “ “ or ‘ ‘ or - 查詢詞組

- 適用於關鍵字超過1個字或片語
- 仍會自動比對可用的主題詞
- 可維持使用原用關鍵字查尋 All fields (不會自動被改用主題詞的字)

檢索範例:

‘heart attack’ = “heart attack”
= heart-attack

檢索技巧

讓你的檢索結果更符合期望!!



3

限制特定字詞之間的字數距離

- A. 任一方向, 彼此在 'n' 個詞內的術語
 - 指令寫法為 "term 1 **NEAR/N** term 2"
 - **NEAR/1** 表示這兩個詞彼此相鄰，中間沒有任何其他詞
- B. 指定彼此在 'n' 個詞內的詞彙順序
 - 指令寫法為 "term 1 **NEXT/N** term 2"

檢索範例:

blood **NEXT/2** cardio* **NEAR/5** system*



4

利用切截功能(*)增加檢索範圍

- 檢索的字根至少3字母
- 關鍵字若超過1個字或為片語可於前後加" "

檢索範例:

"breast feed*"



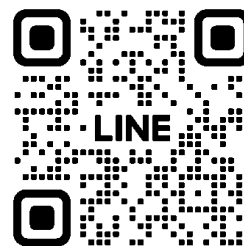
有問題??

跟圖書館參考服務台人員聯繫，
我們一起來討論+解決你的問題!!

想學其他資料庫怎麼用嗎??
快進圖書館的My2TMU課程看看~
>> <http://my2.tmu.edu.tw/course/37648>



臺北醫學大學圖書館
TAIPEI MEDICAL UNIVERSITY LIBRARIES



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Location

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Service Hours

週一~五

10:00-13:00, 1330-1700