

# Ovid Embase 平台說明



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# Why you need Embase ? Part 1

- 現有的實證醫學資料庫，評論的文章或引用參考的文獻年代較舊
  - 醫師無法參考最新的研究結果
  - 醫師無法參考最新的實證文獻證據
- 進行實證研究/學術發表(海報)必要參考的文獻來源
  - 文章投稿時很常被要求文獻的查找來源能參考 Embase，以期能進行較完整且全面的文獻分析

# Why you need Embase ? Part 2

- **進行實證研究/實證競賽必備的參考來源**
  - Embase提供完整的實證文獻分類，能幫助同仁檢索更完整的實證類型文獻，例如Systematic Review、meta analysis、outcomes research等。
- **Cochrane Handbook for Systematic Reviews of Interventions (參見圖一)提到進行完整的實證研究時建議要先查詢Medline，接著再進行Embase的檢索**

# Why you need Embase ? Part 3

- Embase收錄包含Medline的文獻外，額外收錄美洲歐洲地區的文獻及會議論文
  - 增加**2,000**多種期刊出版文獻
  - 增加**700**萬多篇醫學主題文獻
  - 增加**350**萬多篇會議論文 (灰色文獻)

	Medline	EMBASE
收錄筆數	2400萬+	3100萬+
收錄期刊數	5600+	8500+
年代	1946(1902)~至今	1947(1908)~至今
主題	MeSH	Emtree

# Why you need Embase ? Part 4

- **Embase特有的主題分類能幫助臨床工作人員更容易查詢相關的醫學文獻**
  - 藥品/醫療儀器的**商品名**及**製造商**
  - 藥物的**不良反應**/醫療儀器的**比較**
  - 中醫主題的**分類詳細**/中醫的**穴道** (中西醫合併治療盛行)
- **Embase特有的文獻分類幫助臨床工作人員更容易聚焦不同的臨床情境**
  - 提供**九種臨床問題**類型的分類
  - 提供**不同臨床試驗期程**的分類
  - 提供**EBM研究設計**的分類，例如meta analysis, outcomes research

# 圖一：Cochrane Handbook for Systematic Reviews of Interventions

Contents Search - Search - GO

Home > [Part 2: General methods for Cochrane reviews](#) > [6 Searching for studies](#) > [6.3 Planning the search process](#) > [6.3.4 Summary points](#)

## 6.3.4 Summary points

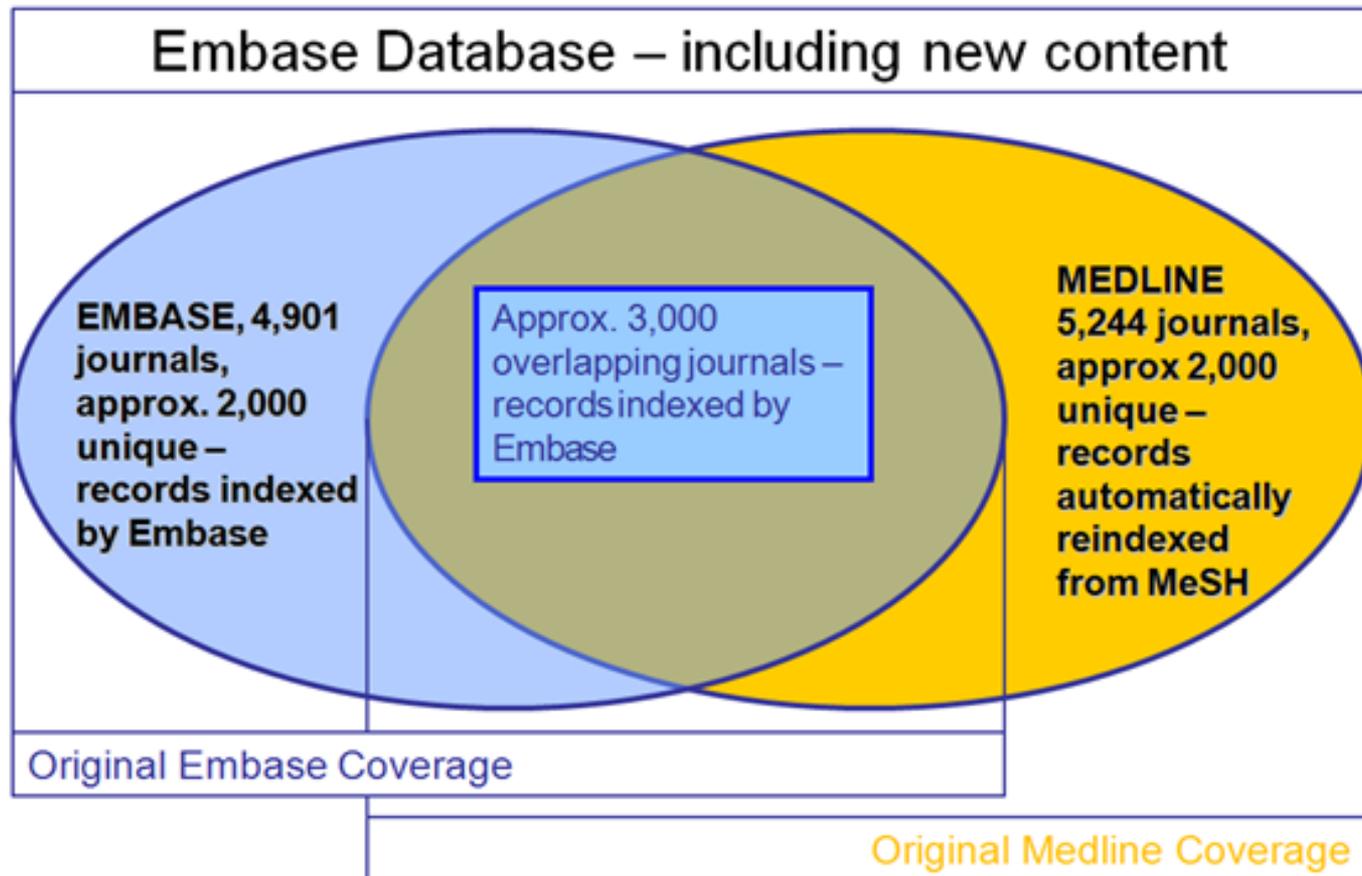
- Cochrane review authors should seek advice from their Trials Search Co-ordinator throughout the search process.
- It is recommended that for all Cochrane reviews CENTRAL and MEDLINE should be searched, as a minimum, together with EMBASE if it is available to either the CRG or the review author.
- The full search strategies for each database searched will need to be included in an Appendix of the review, so all search strategies should be saved, and notes taken of the number of records retrieved for each database searched.
- CENTRAL contains over 350,000 records from MEDLINE and EMBASE, so care should be taken when searching MEDLINE and EMBASE to avoid unnecessary duplication of effort.
- MEDLINE should be searched from 2005 onwards inclusive using one of the revised and updated Cochrane Highly Sensitive Search Strategies for identifying randomized trials in MEDLINE as outlined in [Section 6.4.11.1](#).
- EMBASE should be searched for the most recent two years as outlined in [Section 6.4.11.2](#).
- Additional studies can be identified in MEDLINE and EMBASE by searching across the years already searched for CENTRAL, by obtaining the full article and by reading, in particular, the methods section.

資料來源：Cochrane Handbook for Systematic Reviews of Interventions 手冊6.3.4

# Why in Ovid ? Part I

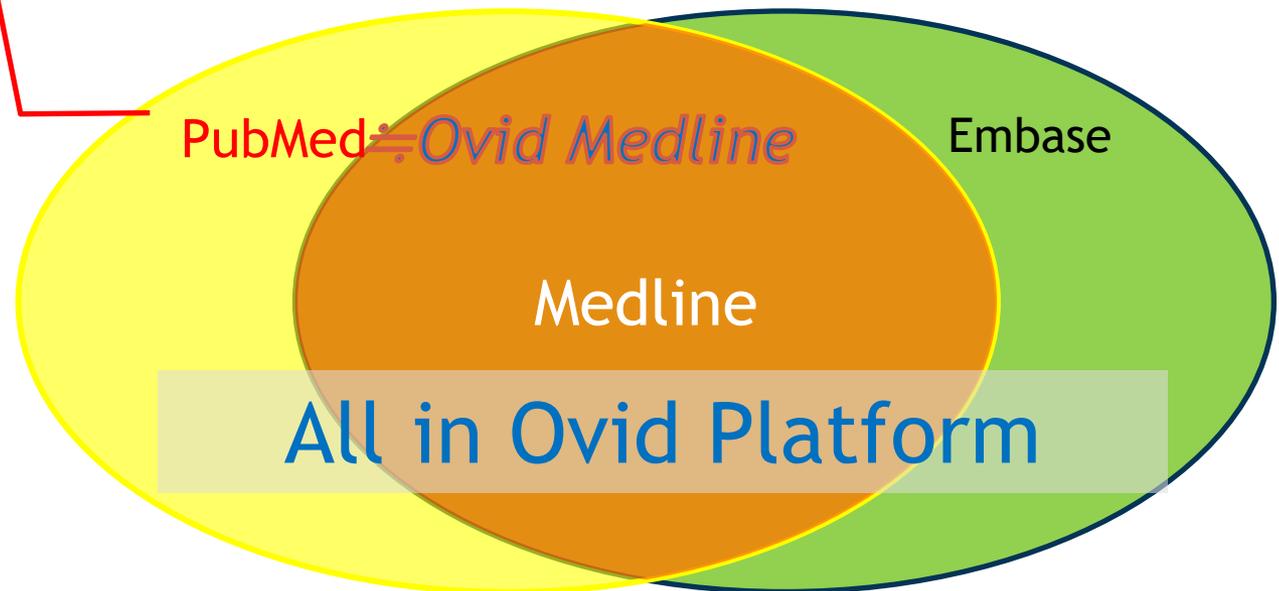
- 在一個平台使用三個資料庫來源
  - Ovid Embase收錄包含Medline(參考圖一)，但其實並未包含Pubmed所有的文獻(參考圖二)，所以透過Ovid平台能進行三個資料庫的文獻檢索。
  - Ovid 平台能幫您將檢索策略轉譯至各資料庫並提供去除重覆功能，提升您檢索的效率與節省時間。
  - Medline包含研究經費(Grant Information)，此部分可查詢政府研究計畫的相關資訊，Embase.com無收錄。
  - Ovid平台串聯全文鏈結服務，幫助讀者找尋可用之全文。

# 圖一: Coverage of MEDLINE in Embase



# 圖二 : PubMed vs. Medline vs. Embase

- 26 million references
- Include
  - MEDLINE database
  - In-process or pre-MEDLINE citations
  - Out-of-scope articles from MEDLINE journals (e.g. plate tectonics)
  - Books on NCBI Bookshelf
  - Citations to some PubMed Central journals



# Why in Ovid ? Part II

- Ovid平台所提供的功能與工具  
(後附每個功能示意圖)
  - \*Clinical Queries (Ovid 獨家收錄)
  - 藥物警示工具(Ovid pharmacovigilance tool)
  - Ovid Reminer Tool
  - 專家檢索Expert Search
  - EBM PICO Search

# Clinical Queries (Ovid 獨家提供，依據臨床情境快速篩選)

*Ovid* 獨家提供完整的臨床情境，方便讀者優先閱讀臨床上的診斷、治療、預防方面的文獻。Ovid收錄九個主題，分別為(1)Reviews、(2)Therapy、(3)Diagnosis、(4)Prognosis、(5)Causation-Etiology、(6)Economics、(7)Clinical Prediction Guides、(8)Qualitative、(9)Cost。

The screenshot displays the Ovid Clinical Queries interface. At the top left is the Ovid logo and navigation tabs for Search, Journals, Books, and Multimedia. Below these is a Search History section with two entries. A dropdown menu for Clinical Queries is open, listing filters such as 'Reviews (maximizes sensitivity)', 'Therapy (maximizes specificity)', etc. On the right, there are links for Account, My PayPerView, and Support. Below the dropdown is a table of search results.

#	Searches	Results	Type
1	(copd and stroke).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	1695	Advanced
2	limit 1 to "therapy (best balance of sensitivity and specificity)"	201	Advanced

At the bottom, there are buttons for Save, Remove, and Combine with: AND OR.

# 藥物警示工具(Ovid pharmacovigilance tool)

※Ovid 平台獨家開發提供給在Embase 中，長期關注藥物資訊需求的工作人員

## Ovid Pharmacovigilance Tool

Enter your Ovid login details to view a list of your Ovid databases. Only databases suitable for use with pharmacovigilance research will be displayed.

Ovid user ID

Ovid password

Go

Drug Name

MP file

Retrieve Alternative Drug Names

Ovid databases

PubChem [i](#)

Subject

Adverse Drug Reactions

Off

Wide

Focussed

[i](#)

Alternative

Retrieve

Special Situations

Children

Off

Wide

Focussed

[i](#)

Elderly

Off

Wide

Focussed

[i](#)

Pregnancy

Off

Wide

Focussed

[i](#)

Human Limits

Off

On

[i](#)

Launch Search

Retrieve AE Detection scores

# Ovid Citation Tool (提供多筆的文獻分析)

## Ovid Citation Analyzer



### Search Options

Combine fields with:  Combine terms within fields with:

Use validation set

Database: Embase [emez]

Abstract	Count	Select
phtx2	5	<input type="checkbox"/>
morphological	4	<input type="checkbox"/>
sodium	4	<input type="checkbox"/>
nerve	4	<input type="checkbox"/>
calcium	3	<input type="checkbox"/>
caused	3	<input type="checkbox"/>
reticulum	2	<input type="checkbox"/>
sarcoplasmic	2	<input type="checkbox"/>
showed	2	<input type="checkbox"/>
alterations	2	<input type="checkbox"/>

Journal Name	Count	Select
toxicol	1	<input type="checkbox"/>

Keyword	Count	Select
mouse	1	<input type="checkbox"/>
phoneutria nigriventer venom	1	<input type="checkbox"/>
phtx2	1	<input type="checkbox"/>
skeletal muscle	1	<input type="checkbox"/>

Explode all subject headings

Subject Headings	Count	Select
exp toxin/	2	<input type="checkbox"/>
exp spider venom/	2	<input type="checkbox"/>
exp nonhuman/	1	<input type="checkbox"/>
exp sodium channel/	1	<input type="checkbox"/>
exp calcium/	1	<input type="checkbox"/>
exp toxin analysis/	1	<input type="checkbox"/>
exp skeletal muscle/	1	<input type="checkbox"/>

# EMBASE 專家檢索 (分享各種檢索策略給用戶使用)

[http://resourcecenter.ovid.com/site/resources/expert\\_search/healthexp.html](http://resourcecenter.ovid.com/site/resources/expert_search/healthexp.html)

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Ovid Support & Training Center

### Ovid Expert Searches - Health Science

Create Ovid Expert Searches filters for your Institution: (only for Library Administrators)

Search strategies, References and Information

**EMBASE Filters**

- Women's Health Filter (\*)
- Systematic Reviews Embase
- Diagnostic Studies - Embase
- Economic Studies - Embase
- Adverse Effects - MEDLINE (\*)
- Sensitive Filter on MEDLINE
- Sensitive Filter on EMBASE

**Gender Filters**

- Sex Specific Filter (\*)
- Randomised Controlled Trials - Embase
- Observational Studies - Embase

**Adverse Effects Filter**

- Adverse Effects - Embase (\*)

**Family Medicine/General Practice Filters:**

- Specific Filter on MEDLINE
- Specific Filter on EMBASE

Other Ovid Expert Searching tools:

- [Request a Search Strategy](#)
- [Create and Launch your own PICO Search](#)
- [Ovid PICO Resource Center](#)

Launch Ovid Expert Search

# EBM PICO Search

## Ovid PICO Widget



PICO檢索工具可以協助您快速在Ovid Medline 及 Embase 資料庫查詢您的PICO問題。請注意這是用於協助您建立PICO問題的入門工具，並不是用於取代更嚴謹、精準的進階查詢。

Example PICO\*: **P**=Teenagers who smoke, **I**=Brief intervention, **C**=None, **O**=Outcome

PICO 範例: 利用vaccination 疫苗 (I) Prevention 預防 (O) adults 成人 (P) whooping cough 百日咳 (P)

\*並非所有問題都一定有相對應PICO元素，在這個範例中“C”就沒有被用到。

**Databases:**  Embase  Medline

P: Patient, Population, Problem or Disease

P: 病患 / 人口 / 問題 / 疾病 => 病患是誰，有什麼問題

Disorder

C: Comparison Intervention or Issue

治療或問題的對比組 => 我們用什麼方式與前述處置方式做比較

Intervention or issue

**Publication Type** 出版類型

Choose Medline Publication Type(s)

Choose Embase Publication Type(s)

I: Intervention or Issue

治療方式或問題 => 我們可以做些什麼來處置，或病患正面臨的問題

Intervention or issue

O: Outcome

預期效果 => 會有什麼預期結果發生

Outcome

**Publication Year** 出版年代

Between  AND

Submit

# Why in Ovid ? Part III

- 國外採購Ovid Embase的現況
- Ovid Embase資料庫更新議題

# 國外採購Ovid Embase的現況

以下列舉國外幾家同時訂購Ovid Medline + Ovid Embase的訂戶：

- England
  - \*University of Oxford
  - Cambridge University
- Germany
  - Universitaet Muenchen (LMU)
  - Universitaet Regensburg
- Hong Kong
  - Chinese University of Hong Kong
  - University of Hong Kong
- US
  - Mayo Clinic
  - Cleveland Clinic Foundation
  - Yale University
- Australia
  - \* eHealth NSW CIAP
  - University Of Melbourne

註1：此單位著名的為英國牛津大學實證醫學中心Oxford CEBM

註2：此單位為澳洲新南威爾士州立的醫療衛生連鎖體系

**AMGEN**

**janssen**  
PHARMACEUTICAL COMPANIES  
OF *Johnson & Johnson*



**NOVARTIS**

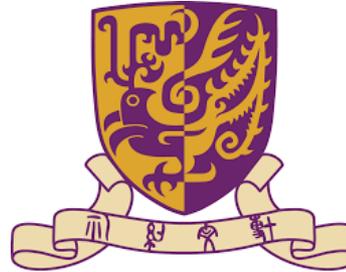
**GILEAD**

**Takeda**

**BRITISH  
LIBRARY**

**267 institutions  
globally using  
Embaze on Ovid**

**Pfizer**



**NHS**

*National Institute for  
Health and Clinical Excellence*

**NSW**



**YALE**



The  
University  
Of  
Sheffield.

# Ovid Embase資料庫更新議題

- Ovid Embase資料庫的來源來自於Embase.com，收錄內容相同、欄位篩選相同
- Ovid Embase與Embase.com收錄的時間差為一日 (若遇美國國定假日則會順延)
- 文章出版後，若Embase書目資料有更新，在Elsevier提供修正資訊後，Ovid即會進行更新

Thank you



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