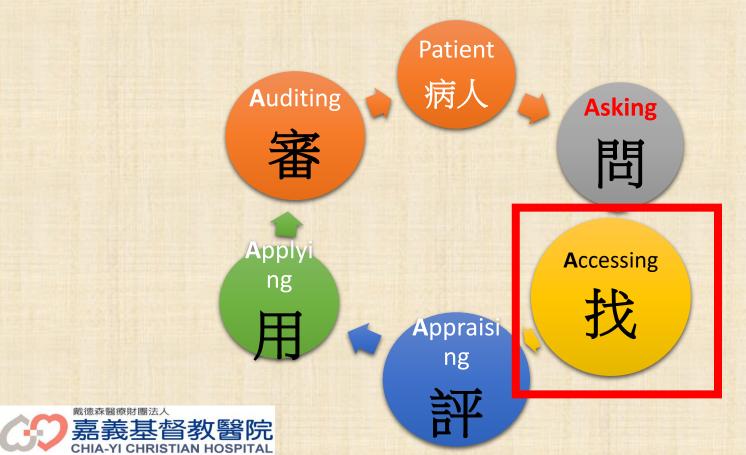
# 文獻搜尋

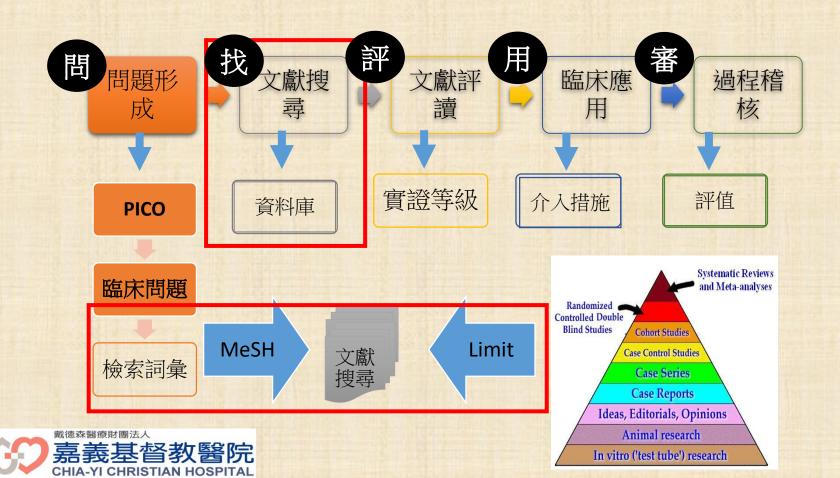
主講者:吳秋楓

戴德森醫療財團法人嘉義基督教醫院 護理部-門診副護理長

## 實證的五步驟(5A)



## 實證護理五步驟



## 書寫步驟



Population

older person

senior over 65 patient community

senior

## 確認PICO的關鍵字

- ■寫入你想的到的關鍵字
- ■先用中文搜尋相關文章設定的關鍵字
- ■將中文翻成英文
- ■使用布林邏輯:AND、OR、NOT
  - ▶PICO間用「AND」、同義字間用「OR」

	關鍵字	Meth team
P		
C		
0		



## Step2(Acquire): 尋找最好的證據1

- 實證資料庫(實證研究機構及實證資料庫)
  - Cochrane Library \ Evidence-based medicine \ Evidence-Based Nursing \ Joanna Briggs Institute(JBI) ...
- 臨床指引
  - NGC: National Guideline Clearinghouse
  - Joanna Briggs Institute (JBI)...
- 醫學護理資料庫
  - CINAHL(護理)、 MEDLINE、 PUBMED (醫學)、 PSYCHLIT(精神心理)、 ERIC(教育)、 CEPS (思博網)中文 全文電子期刊服務...





## Step2(Acquire): 尋找最好的證據2

## ■建構搜尋策略Flowchart

- ▶組織:PICO
- ▶中英文關鍵字彙:Google或C.E.P.S
  - ◆自由詞彙(同義詞,可用切截表示字尾變化)
  - ◆控制詞彙 MeSH、Emtree
- ▶布林邏輯:AND、OR、NOT
- ▶快篩:標題/摘要(EndNote)



# 搜尋策略

■ 關鍵字的設定(利用PICO結構設定搜尋策略)

主要詞	同義詞1	同義詞2
Р (	OR	OR ) AND
I (	OR	OR ) AND
C (	OR	OR ) AND
0 (	OR	OR ) AND

- 同義詞間以OR聯集,PICO間以AND交集
- ■學習各種資料庫的搜尋方法
- 多練習,熟能生巧



# 臨床問題

### 服用益生菌是否能預防幼兒發生過敏性疾病

主要詞	同義詞1	同義詞2
P (infant	OR preschool	OR child) AND
I (probiotics)		AND
O (allergy	OR hypersensitivity)	



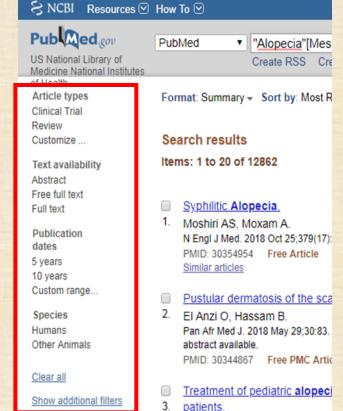
# 檢索技巧

- ■適當使用MeSH Terms
- ■運用"Limit"檢索功能
- ■使用布林邏輯



# 運用"Limit"檢索功能

- ■可限定
  - 〉文章語言
  - >人類或動物主題
  - ▶出版類型(RCT)
  - >發表年份、
  - 户全文
  - ▶年龄...





# 使用布林邏輯

- ■包括交集(AND)、聯集(OR)、刪除(NOT)三 個運算元
- ■用以擴大或縮小查詢範圍
- ■可單獨或搭配使用
  - ■(Infant OR children) AND (allergy OR hypersensitivity)



# PubMed做搜尋

搜尋策略:

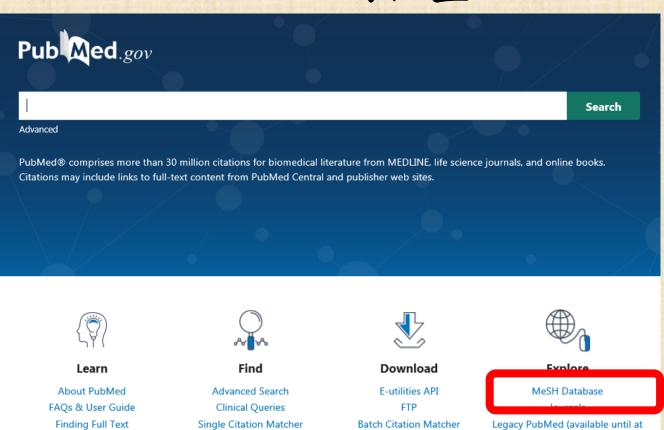
P1 OR P2 OR P3

AND I1

AND O1 OR O2 OR O3

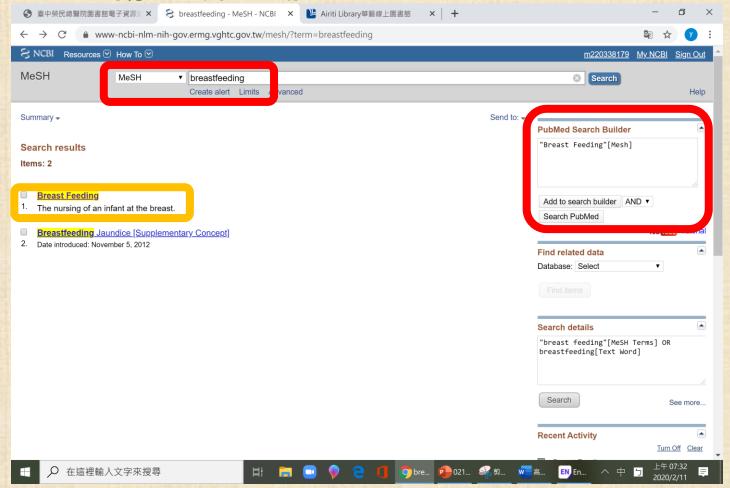


## New PubMed MeSH Term的位置

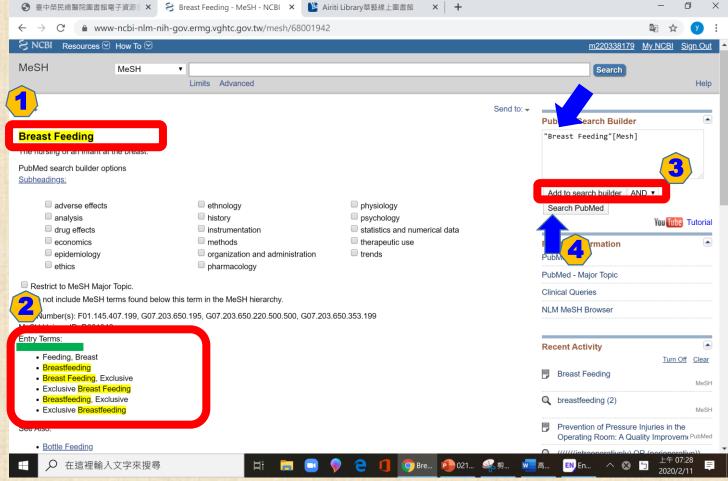


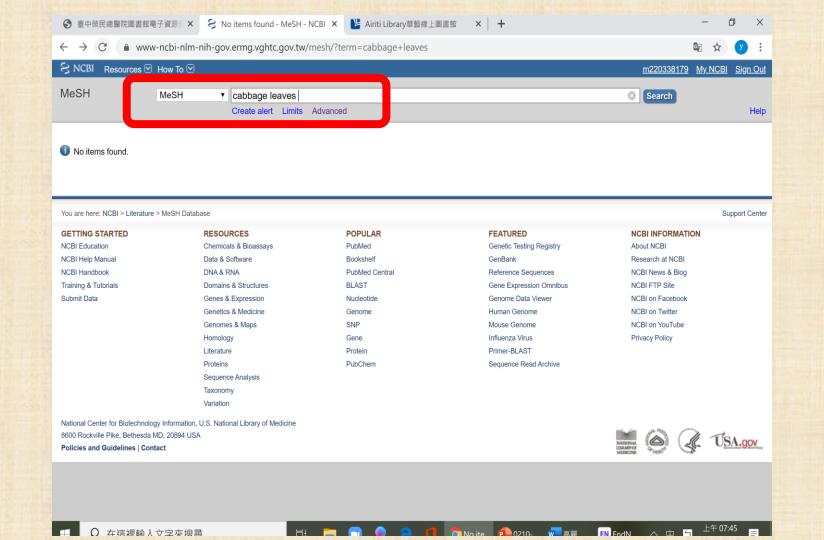
least 10/31/2020)

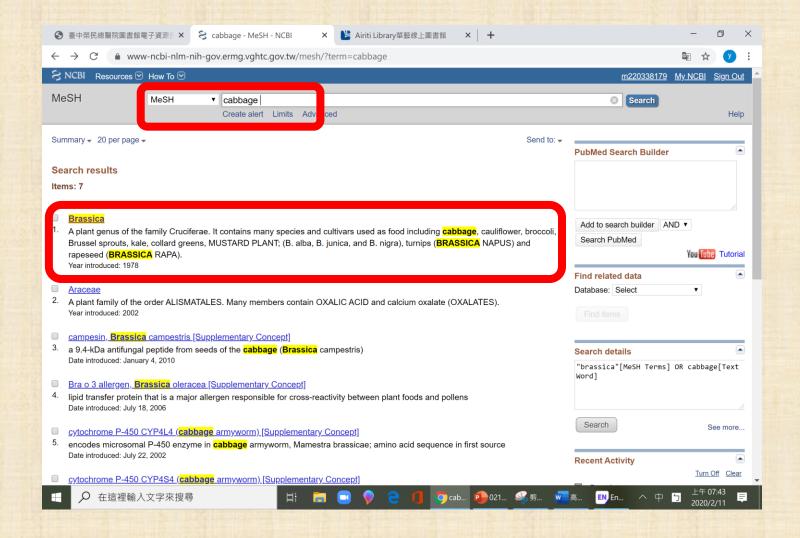
### **MeSH** terms

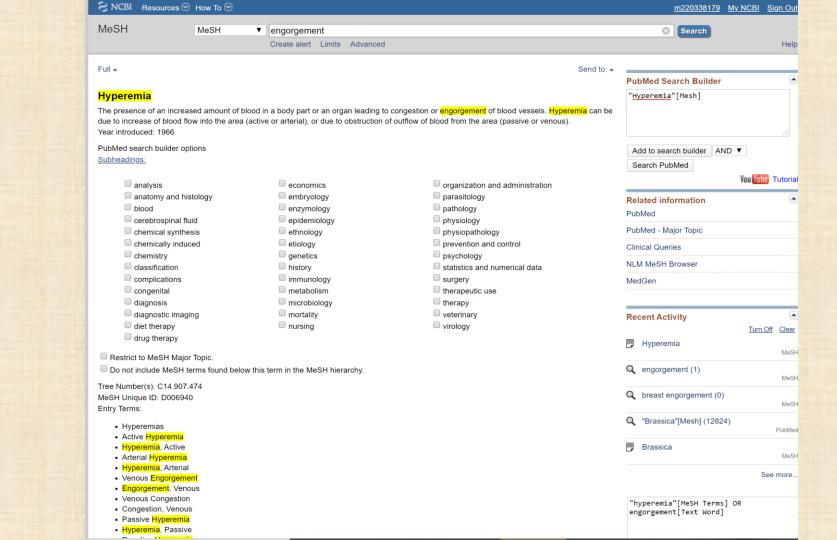


## 用PubMed查詢同義字並搜尋



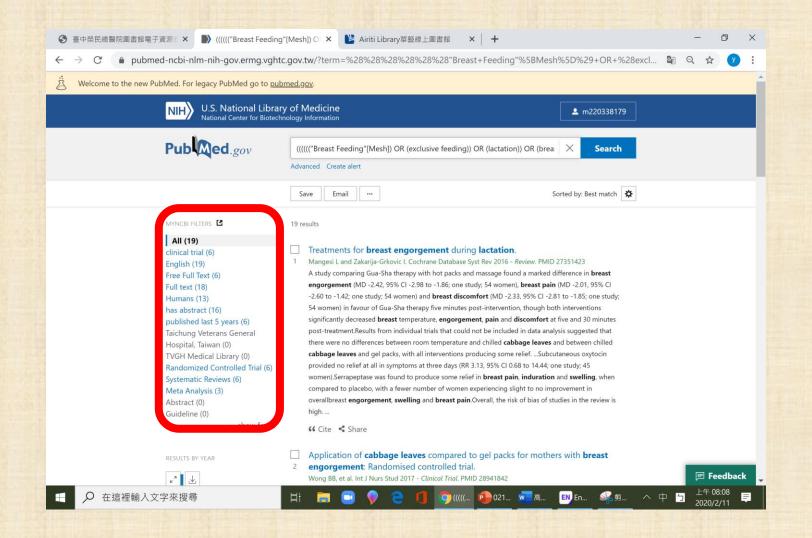






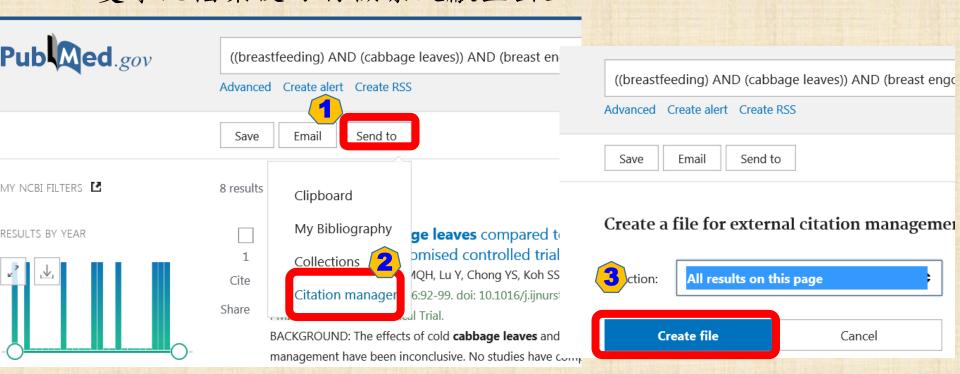
#### 產後婦女使用高麗菜冷敷是否能減輕乳房腫脹?

PICO	中文	英文	MeSH Entry Terms
P	產後母乳哺餵的婦女 哺乳婦女	breastfeeding women breastfeeding breast-feeding lactation exclusive feeding	"Breast Feeding"[Mesh]
1	高麗菜冷敷乳房	Cabbage	"Brassica"[Mesh]
	高麗菜葉冷敷	cabbage leaves	
	高麗菜葉	cold compress	
С	一般照護、冷敷、熱 敷、按摩	routine care	
0	乳房充盈、乳房腫 脹、乳房疼痛、乳房 硬度	breast engorgement breast induration breast hardness breast pain breast discomfort breast swelling	"Hyperemia"[Mesh]
S	systematic review, SR meta-analysis randomized controlled clinical trial, RCT retrospective observational cohort design	系統性文獻 統合分析 隨機對照臨床試驗 其他研究設計	

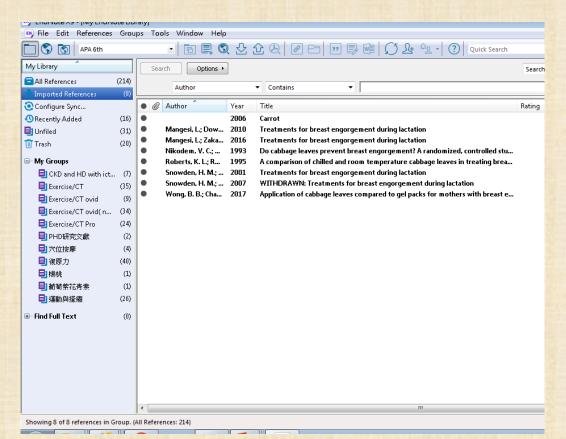


## New PubMed 匯入EndNote方法

點選 Send to 功能選擇 Citation manager, 然後 Create file, 雙擊此檔案便可將檢索文獻匯出至EndNote。

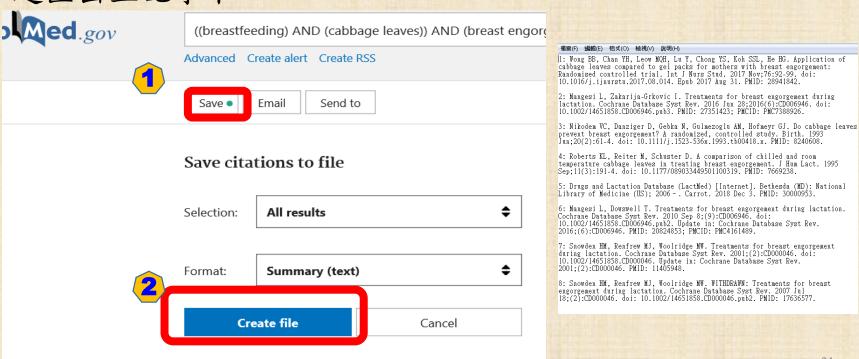


## 打開EndNote



## New PubMed 匯出筆記本方法

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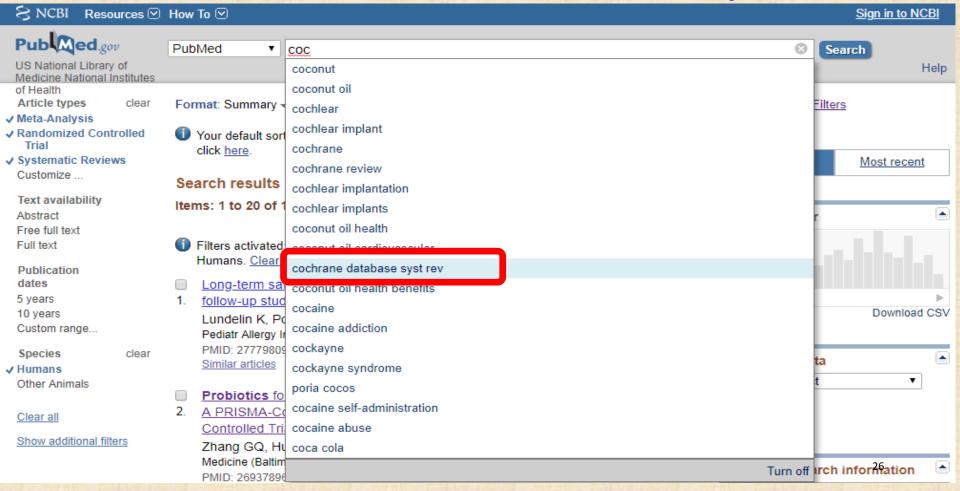


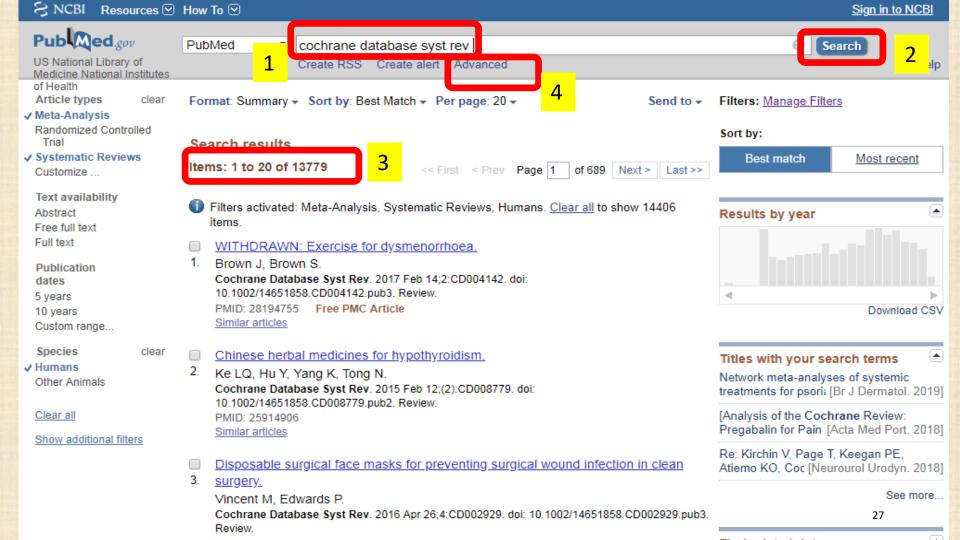


articles

necessary to identify the species, dose, and treatment duration of probiotics that are most efficacious for treating AD in

### 可同時查詢Cochrane Library









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進階搜尋



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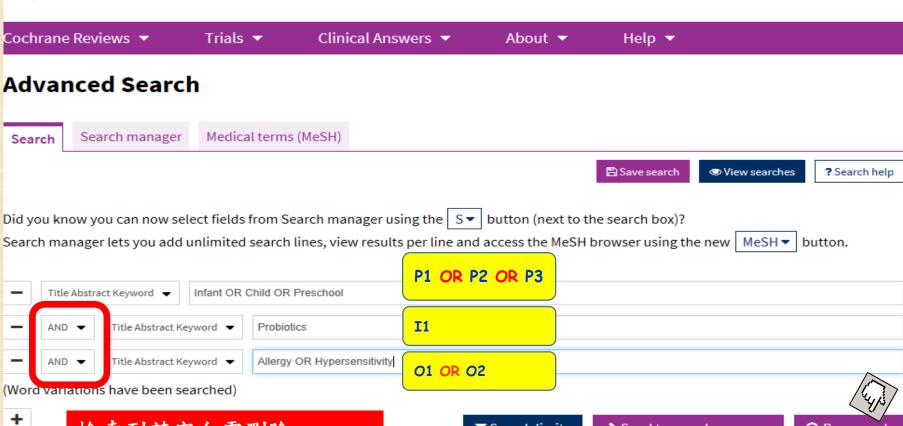


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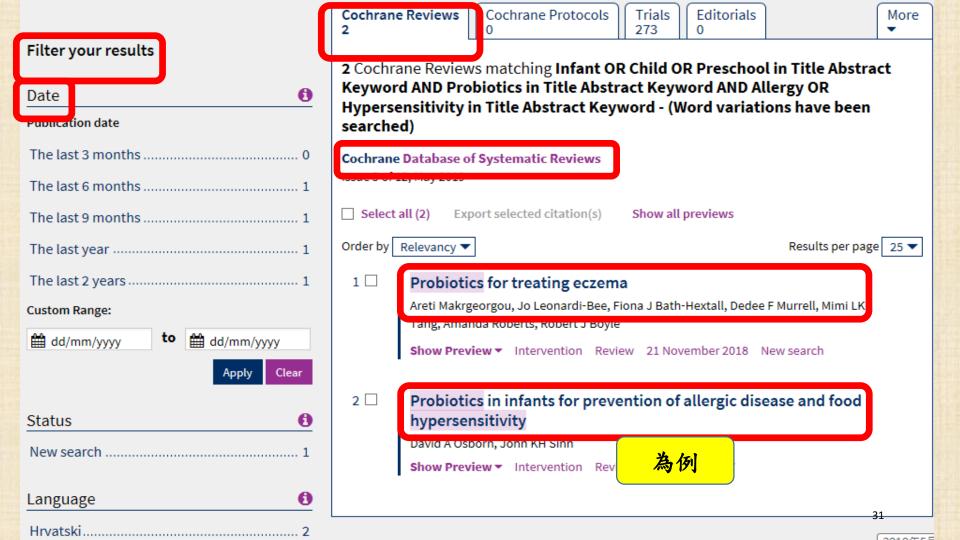
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Q Run search



#### Cochrane Database of Systematic Reviews

### Probiotics in infants for prevention of allergic disease and food hypersensitivity

Cochrane Systematic Review - Intervention | Version published: 17 October 2007 | see what's new



View article information

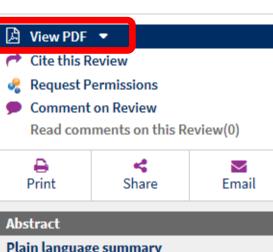
David A Osborn | March John KH Sinn

View authors' declarations of interest

#### Abstract

#### Background

The composition of the intestinal microflora may be different in individuals with atopic eczema from those without this condition, and such differences may precede the development of eczema. Probiotics are live bacteria that colonize the gastrointestinal tract and provide a health benefit to the host. Probiotics added to infant feeds have the potential to prevent sensitisation of infants to dietary allergens.



Plain language summary

Authors! conclusions

Background

Objectives

Methods

Results

Discussion

Information

Authors

History

32

#### Cochrane Reviews Cochrane Protocols Editorials Trials More 273 Filter your results 273 Trials matching Infant OR Child OR Preschool in Title Abstract Keyword AND Probiotics in Title Abstract Keyword AND Allergy OR Hypersensitivity in 0 Year Title Abstract Keyword - (Word variations have been searched) Year first published **Cochrane Central Register of Controlled Trials** Issue 5 of 12, May 2019 2018 ...... 20 Export selected citation(s) Select all (273) 2017 ...... 30 為例 Results per page 25 ▼ Order by Relevancy ~ Early probiotic supplementation for allergy prevention: long-2015 ...... 29 term outcomes **Custom Range:** Journal of allergy and clinical immunology, 2012, 130(5), 1209-1211.e5 уууу added to CENTRAL: 30 April 2013 | 2013 Issue 4 PubMed Clear Apply the Effectiveness of Probiotics on Atopic Dermatitis With Cow 2 Date a Milk Allergy Date added to CENTRAL trials database NCT01045486 The last 3 months ...... 47 Https://clinicaltrials.gov/show/nct01045486, 2010 | added to CENTRAL: 33 31 May 2018 | 2018 Issue 5 The last C menths



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### Early probiotic supplementation for allergy prevention: long-term outcomes

PubMed

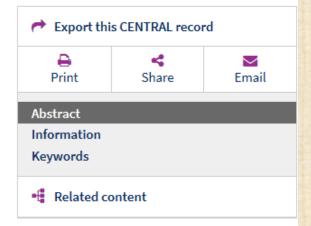
Journal of allergy and clinical immunology, 2012, 130(5), 1209-1211.e5 | added to CENTRAL: 30 April 2013 | 2013 Issue 4

Jensen MP, Meidrum S, Taylor AL, Dunstan JA, Prescott SL PubMed 3 Link

Abstract

無全文 但提供資料庫連結

This CENTRAL record does not have an abstract.







### 取得全文路徑



#### Early probiotic supplementation for allergy prevention: long-term outcomes.

Jensen MP, Meldrum S, Taylor AL, Dunstan JA, Prescott SL.

PMID: 22958946 DOI: 10.1016/j.jaci.2012.07.018

[Indexed for MEDLINE]







Publication types, MeSH terms, Substance

LinkOut - more resources



Similar articles

Full text links

ELSEVIER **FULL-TEXT ARTICLE** 

Effect of probiotic mix (Bifidobacterium bifidum, B [Pediatr Allergy Immunol. 2010]

Review Can food allergy be prevented? The current [Pediatr Clin North Am. 2011]

Maternal probiotic supplementation during pregnancy ; [J Allergy Clin Immunol. 2012]

Review Probiotics and prebiotics in prevent [Curr Opin Allergy Clin Immunol...]

Supplementation with probiotics in the first 6 mo [Int Arch Allergy Immunol. 2014] Search

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### 幸運取得全文

**FULL TEXT ARTICLE** 

Early probiotic supplementation for allergy prevention: Long-term outcomes



Journal of Allergy and Clinical Immunology, The, 2012-11-01, Volume 130, Issue 5, Pages 1209-1211.e5, Copyright © 2012 American Academy of Allergy, Asthma & Immunology

Progressive change in the patterns and diversity of microbial exposure in early life remains a leading candidate in the rise in many inflammatory diseases. Initial attempts to redress this consequence of modern lifestyle change by using probiotic strains have met with some degree of success in preventing common inflammatory conditions such as allergic diseases. However, much research is still needed to more clearly define optimal early



Journal of Allergy and Clinical Immunology, The

Volume 130, Issue 5

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# 實戰練習



## 臨床情境

一位產後第三天,精神狀況良好的初產婦,護理師給予出院準備服務「陳小姐,您選擇採取哺餵母乳、在我們提供的哺乳技巧、還有用熱敷、冷敷、刮痧方式處理乳脹方法,不知道您有沒有什麼問題或想問的?」;個案詢問「幫我刮的護理師很厲害,不過我自己可能刮不好,我聽說敷高麗菜葉對乳房脹痛很有效,真的嗎?」



### PICO的設定

▶需具體、合理、可測量

□產後婦女乳房敷高麗菜是否能減輕乳房腫脹

為什麼會問這一個臨床問題?

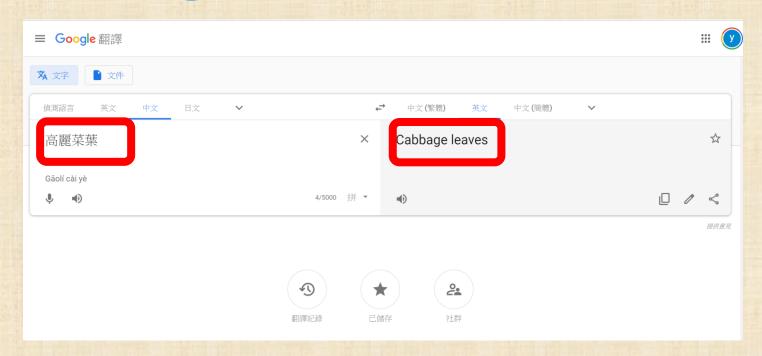


## 初步搜尋

- > 背景知識
- > 蒐集關鍵字
- > 瞭解研究現況及發展性
  - > 您會用那些資料庫做初步搜尋?
  - > 沒有正確答案
  - > 依據您對主題背景瞭解程度



## Google



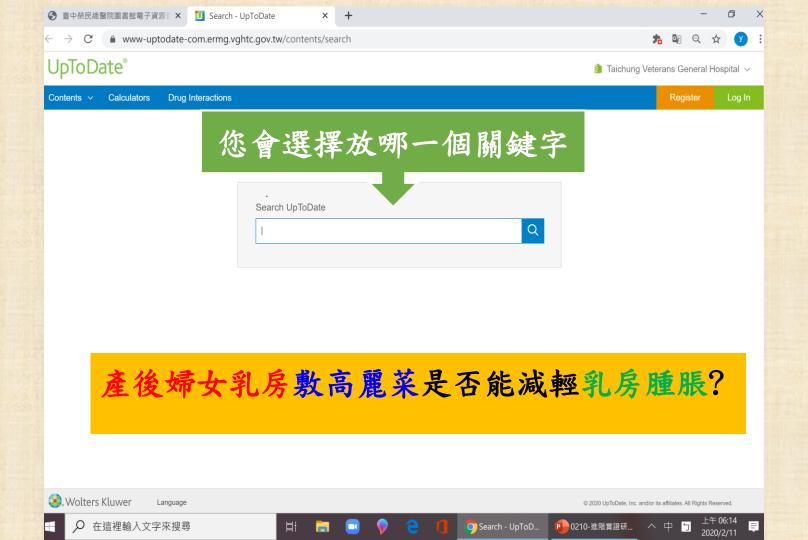


建立中英文關鍵字&背景知識

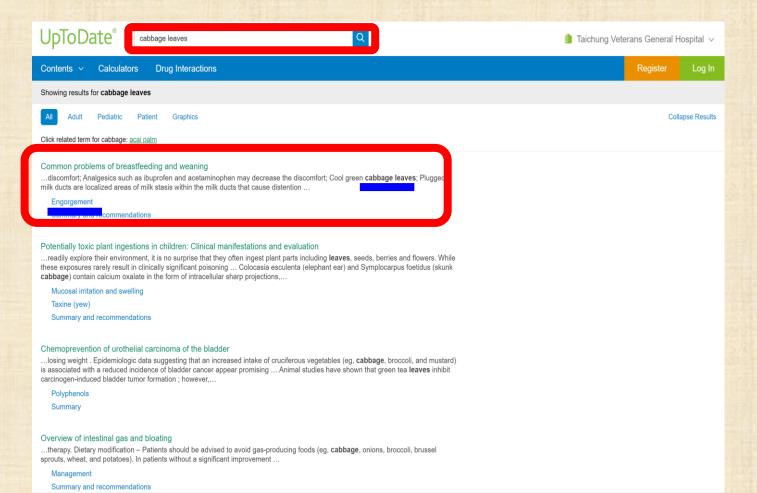
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高麗菜業 	篇名.關鍵字.摘要 ▼					
AND ▼	所有欄位   ▼					
AND ▼	所有欄位   ▼					
> > 增加查詢欄位						
查詢 清除						
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● 1999 以前 ▼ 到 2020 ▼						
可用半形逗號分隔	第年代,例如: <b>2003,2005</b>					
電子全文: • 不限 · 限有全文 · 單位已採購 每頁顯示筆數: • 10 · 20 • 50						
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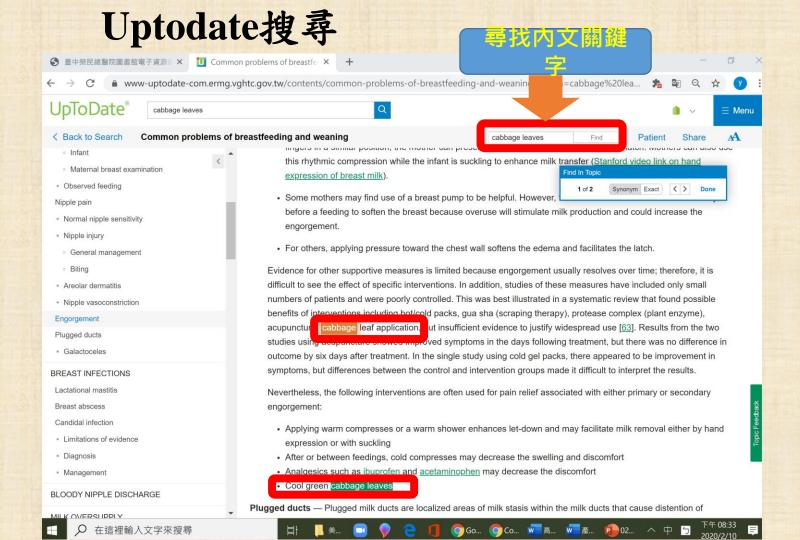
Language ▼

臺中榮民總醫院,您好! 登入 加入會員 開買點數 個人化服務 □ 客服中心 使用說明 網站地圖 瀏覧 進階檢索 儲值&購物車 | 文章 | 出版品 | 所有欄位 Q ▼ 更多選項 ② 查詢歷史 期刊文章 會議論文 碩博士論文 電子書 0 依下方條件來精確結果 查詢(高麗菜葉)=篇名.關鍵字.摘要 查詢表達式:[ALL3]:高麗菜葉 來源資料庫 起始年 - 結束年 檢索結果再查詢 篇名.關鍵字.摘要 作者 CEPS中文電子期刊 (2) 學科分類 每頁 50 筆 ▼ 醫藥衛生 (2) 共2筆,1-2筆 共1頁 【 1 ▶ 年代 ■書目匯出 ■加入收藏 ■加入購物車 最新出版在前 2017年以後 (1) 相關程度最高 2015年以後 (1) 產後母乳哺餵的婦女使用高麗菜葉冷敷乳房是否能減少乳房腫脹 2013年以後 (1) 電子全文優先 杜立民; ▼ 展開 最新出版在前 彰化護理 24卷2期 (2017/06),84-87 出版品名稱 10.6647/CN.24.02.14 ☞ 加入收藏 ☑ 全文下載 參考文獻 (6) 彰化護理 (1) 榮總護理 (1) 實證探討應用高麗菜葉對於哺乳婦女乳房充盈腫脹之改善 李鳳雪(Feng-Hsueh Li); 莊秋萍(Chiu-Ping Chuang); 陳淑芬(Shun-Fen Chen); 指標期刊 ACI(1) 母乳哺餵 ; 高麗菜葉 ; 充盈 ; breast-feeding ; cabbage ; breast engorgement 10.6142/VGHN.28.2.111 地區 預覽摘要 | 被引用次數 (1) ☞ 加入收藏 🛂 全文下載 台灣 (2)



### Uptodate搜尋(瞭解背景知識)







### PIO都可以個別搜看看

**P**:

**I**:

**C**:

0:

P:產後婦女、哺乳婦女、初產婦、經產婦

I:敷生高麗菜葉、高麗菜冷敷

C:常規照護、熱敷、冷敷、按摩

○:乳房充盈、乳房腫脹、乳房疼痛、乳腺炎

P:產後婦女

I:高麗菜冷敷

C:常規換藥

○:乳房腫脹

好處/壞處?

產後婦女使用高麗菜冷敷是否能減輕乳房腫脹?



# 訂定搜尋策略

#### 產後婦女使用高麗菜冷敷是否能減輕乳房腫脹?

### <mark>一、關鍵字</mark>

PICO	中文	英文	MeSH Entry Terms
P			_
1			
С			
0			
S			

#### 二、搜尋歷程(2020.02.11)

1.關於 Embase 搜尋

2.關於 PubMed 搜尋

3.關於 Cochrane 搜尋

4.關於 CEPS 搜尋

5.關於 EBSCO 搜尋

6.關於 ProQuest 搜尋

7.關於 CINAHL 搜尋

#### 三、初步篩選

釐清背景知識 確立檢索目標 資料庫選擇 決定關鍵字

PICO	中文	英文	MeSH Entry Terms	
P	產後母乳哺餵的婦女哺乳婦女	breastfeeding women breastfeeding breast-feeding lactation exclusive feeding		
I	高麗菜冷敷乳房 高麗菜葉冷敷 高麗菜葉	<ul><li>cabbage</li><li>cabbage leaves</li><li>-&gt; cabbage leave*</li><li>cold compress</li></ul>		
C	一般照護(冷敷、熱敷、按摩)	routine care usual care		
O	乳房充盈 乳房腫脹 乳房疼痛	breast engorgement breast induration breast hardness breast pain		



