

# 實證護理 文獻搜尋

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「謹慎、明確及小心地採用目前**最佳的證據**，  
作為照顧病人臨床決策的參考」

— Archie Cochrane, 1972



## 實證醫學

以**流行病學**和**統計學**的方法學，於資料庫中篩選出文獻評讀及統合分析，獲得最佳證據並轉譯應用在臨床照護上，讓病人得到最佳的照顧。

## 實證護理三要素-3E

實證證據(E)、臨床專經驗與評估(E)、病人喜好與價值(E)

— International Council of Nursing, 2012



# 實證五大步驟-5A

## Ask

提出一個可回答  
的臨床問題

1

## Appraisal

評讀文獻 有效性(V)、  
重要性(I)、適用性(P)

3

## Audit

過程稽核，同時思考  
下次執行的改進方法

5

## Acquire

尋找最好的研究證據

## Apply

應用於病人身上





# 本日學習重點

## 01.

### 文獻類型與證據等級

- ✓ 文獻類型
- ✓ 證據等級

## 02.

### 文獻搜尋技巧

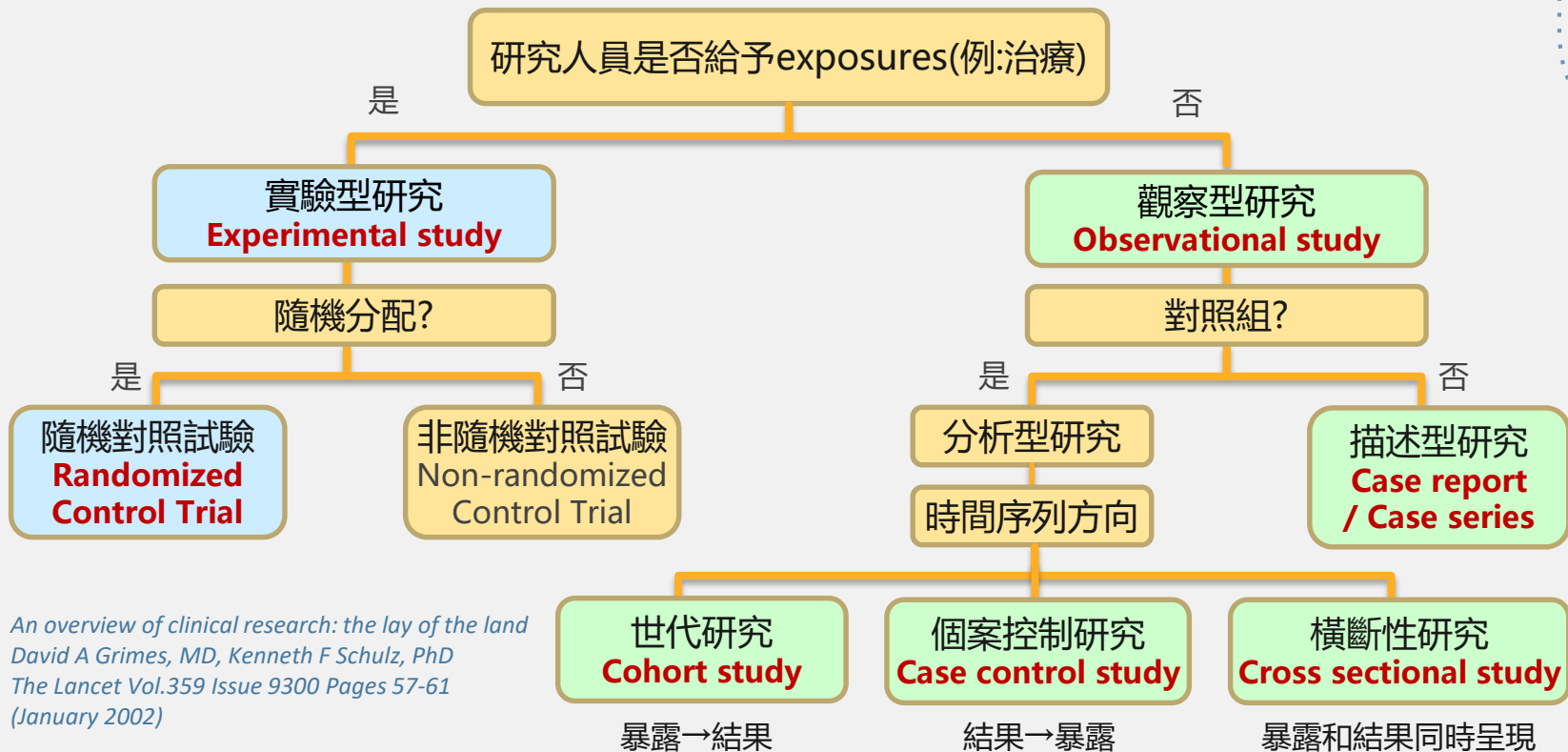
- ✓ 利用PICO找出關鍵字
- ✓ 布林邏輯
- ✓ 控制詞彙 (MeSH / Emtree term)
- ✓ 快速查得高證據等級文獻

01.

# 文獻類型與 證據等級



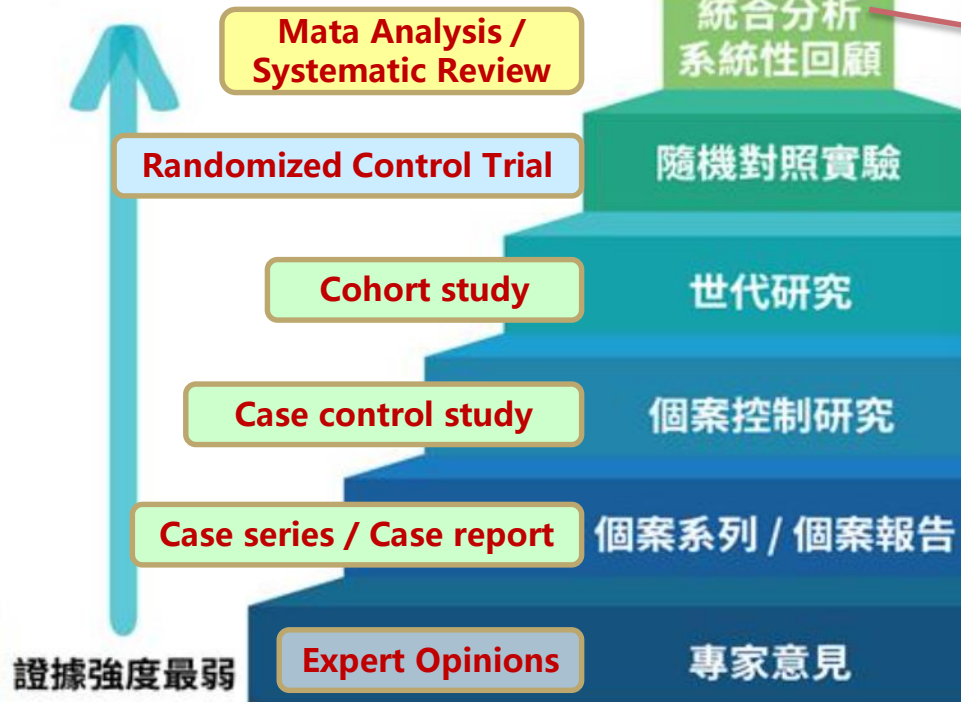
# 證據v.s.實驗研究設計



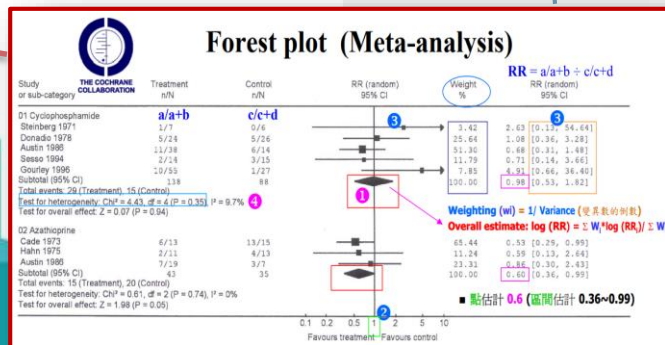
An overview of clinical research: the lay of the land  
David A Grimes, MD, Kenneth F Schulz, PhD  
The Lancet Vol.359 Issue 9300 Pages 57-61  
(January 2002)

# 科學證據強度分級金字塔

證據強度最強



證據強度最弱



圖一 / 科學證據強度分級金字塔 ( 圖片 / 台灣國際生命科學會提供 )

# 台灣護理學會實證健康照護知識館



台灣護理學會  
實證健康照護知識館  
Taiwan Nurses Association  
EBHC Library

首頁 語系: 簡體 繁體

會員登入

本館簡介 實證健康照護知識 **實證方法學** 訊息公告 投審稿系統 相關資訊 下載專區



文獻評讀  
線上課程

實證相關  
專有名詞

實證健康  
照護綜整  
實證健康  
照護應用  
實證健康  
照護指引

已發表的  
實證主題

搜尋知識館文章

請輸入關鍵字

請輸入作者名稱

查詢

請輸入文章標題

熱門: 護理 婦幼 內科 進階查詢

總文章數

151

最新刊登數

19

A類: 實證健康照護綜整

40

B類: 實證健康照護應用

26

C類: 實證健康照護指引

1



# 台灣護理學會實證健康照護知識館

本館於106年獲得Oxford CEBM、SIGN、JBI及CASP授權同意，翻譯其文獻評讀工具，中文版請至相關檔案下載。

序	官方網站	證據等級 (中文版檔案下載)	建議等級 (中文版檔案下載)
1	<a href="#">The Centre for Evidence-Based Medicine(CEBM)</a> The University of Oxford's Graduate School	<a href="#">Oxford CEBM證據等級</a>	<a href="#">Oxford CEBM建議等級</a>
2	<a href="#">Scottish Intercollegiate Guidelines Network(SIGN)</a> , Scottish Intercollegiate Guidelines Network, Healthcare Improvement Scotland	<a href="#">SIGN證據等級</a>	<a href="#">SIGN建議等級</a>
3	<a href="#">The Joanna Briggs Institute(JBI)</a> , Health and Medical Sciences, The University of Adelaide	<a href="#">JBI證據等級</a>	<a href="#">JBI建議等級</a>
4	<a href="#">Critical Appraisal Skills Programme(CASP)</a> , part of Better Value Healthcare Ltd	-	-

# Oxford CEBM證據等級

2011年改版

Oxford Centre for Evidence-Based Medicine 2011 Levels of Evidence

Question	Step 1 (Level 1*)	Step 2 (Level 2*)	Step 3 (Level 3*)	Step 4 (Level 4*)	Step 5 (Level 5*)
<b>How common is the problem?</b>	Local and current random sample surveys (or censuses)	Systematic review of surveys that allow matching to local circumstances**	Local non-random sample**	Case-series**	n/a
<b>Is this diagnostic or prognostic or accuracy (diagnosis)</b>	Systematic review of cross sectional studies with consistently applied reference standard and blinding	Individual cross sectional studies with consistently applied reference standard and blinding	Non-consecutive studies, or studies without consistently applied reference standards**	Case-control studies, or "poor or non-independent reference standard**	Mechanism-based reasoning
<b>What will happen if we do not add a therapy (prognosis)</b>	Systematic review of inception cohort studies	Inception cohort studies	Cohort study or control arm of randomized trial*	Case-series or case-control studies, or poor quality prognostic cohort study**	n/a
<b>Does this intervention help? (Treatment Benefits)</b>	Systematic review of randomized trials or <i>n</i> -of-1 trials	Randomized trial or observational study with dramatic effect	Non-randomized controlled cohort/follow-up study**	Case-series, case-control studies, or historically controlled studies**	Mechanism-based reasoning
<b>What are the COMPLICATIONS (Treatment Harms)</b>	Systematic review of randomized trials, systematic review of nested case-control studies, <i>n</i> -of-1 trial with the patient you are raising the question about, or observational study with dramatic effect	Individual randomized trial or (exceptionally) observational study with dramatic effect	Non-randomized controlled cohort/follow-up study (post-marketing surveillance) provided there are sufficient numbers to rule out a common harm. (For long-term harms the duration of follow-up must be sufficient.)**	Case-series, case-control, or historically controlled studies**	Mechanism-based reasoning
<b>What are the HARMFUL effects (Treatment Harms)</b>	Systematic review of randomized trials or <i>n</i> -of-1 trial	Randomized trial or (exceptionally) observational study with dramatic effect			
<b>Is this test worth the cost (Screening)</b>	Systematic review of randomized trials	Randomized trial	Non-randomized controlled cohort/follow-up study**	Case-series, case-control, or historically controlled studies**	Mechanism-based reasoning

\* Level may be graded down on the basis of study quality, imprecision, indirectness (study PICO does not match questions PICO), because of inconsistency between studies, or because the absolute effect size is very small; Level may be graded up if there is a large or very large effect size.

\*\* As always, a systematic review is generally better than an individual study.

再依序查看文獻證據等級

先檢視問題類型

診斷

預後

治療  
(益處/  
害處)

篩檢

# Oxford CEBM證據等級

先檢視問題類型

臨床問題	證據等級 1 <sup>+</sup>	證據等級 2 <sup>+</sup>	證據等級 3 <sup>+</sup>	證據等級 4 <sup>+</sup>	證據等級 5 <sup>+</sup>
該項臨床問題多常見?	地區及當代區域隨機樣本普查	適合當地環境普查系統性文獻回顧**	地區及區域性非隨機樣本調查**	系列性病例或個案報告**	N/A
診斷或審查監測的工具正確嗎? (診斷)	有一致參考標準(黃金標準)及盲化的世代研究的系統性文獻回顧	有一致參考標準(黃金標準)及盲化的世代性研究	非連續性研究或沒有一致參考標準(黃金標準)的研究**	病例或個案對照試驗、品質較低或沒有獨立參考標準的研究**	依基本原理的推估
如果沒有治療會產生什麼後果? (預後)	起初世代研究的系統性文獻回顧	起初世代研究	世代研究或臨床隨機對照試驗**	系列病例或個案報告、病例品世代研究**	N/A
介入治療有幫助嗎? (治療益處)	隨機臨床對照試驗或隨機序列介入治療試驗(N-of-1)系統性文獻回顧	隨機臨床對照試驗或有顯著療效的觀察型研究	非隨機臨床對照的世代研究	系列病例或個案報告、病例試驗	依基本原理的推估

Systematic Review

Randomized Control Trial

Observational study with dramatic effect

再依序查看文獻證據等級

# Oxford CEBM證據等級

先檢視問題類型

臨床問題	證據等級 1*	證據等級 2*	證據等級 3*	證據等級 4*	證據等級 5*
該項臨床問題多常見?	<b>Systematic review of cross sectional studies with consistently applied reference standard and blinding</b>				N/A
診斷或審查監測的工具正確嗎? (診斷)	有一致參考標準(黃金標準)及盲化的世代研究的系統性文獻回顧	有一致參考標準(黃金標準)及盲化的世代性研究	非連續性研究或沒有一致參考標準(黃金標準)	病例或個案對照試驗、品質較低或沒有獨	依基本原理的推估
如果沒有治療會產生什麼後果? (預後)	起初世代研究的系統性文獻回顧	起初世代研究	世代研究或臨床隨機對照試驗**	系列病例或個案報告、病例對照試驗或品	N/A
介入治療有幫助嗎? (治療益處)	隨機臨床對照試驗或隨機序列介入治療試驗(N-of-1)系統性文獻回顧	隨機臨床對照試驗或有顯著療效的觀察型研究	非隨機臨床對照的世代研究/對照追縱研究**	系列病例或個案報告、病例或個案對照試驗或歷史對照試驗**	依基本原理的推估

**Systematic review of inception cohort studies**

**Cohort study**

**Control arm randomized Trial**

再依序查看文獻證據等級

# 證據強度新金字塔(Murad et al., 2015)



\*圖片來源: <http://www.nurse-newsletter.org.tw/index.php/109d/10911>  
\*原圖刊載於 <http://www.isehc.net/wp-content/uploads/2011/12/October-2015.pdf>

# 02.

## 文獻搜尋技巧



✓ 利用PICO  
找出關鍵字

✓ 布林邏輯

✓ 控制詞彙

✓ 快速查得  
高證據等級  
文獻

# 利用PICO找出關鍵字

清水與其他溶液比較，在傷口清潔上是否有較高感染率？

Patient/Problem  
病人問題

Wound cleansing 傷口清潔

Intervention  
介入處置 (檢查)

Tap water 清水

Comparison  
對照的處置

Normal Saline 生理食鹽水

Outcomes  
臨床結果

Infection 感染率

# 翻譯成英文關鍵字

## Google翻譯

The screenshot shows the Google Translate interface. The search bar contains the text '翻譯'. Below the search bar, there are navigation options: '全部', '圖片', '影片', '新聞', '書籍', and '更多'. The search results show '約有 77,600,000 項結果 (搜尋時間: 0.33 秒)'. The translation box shows '中文(繁體)' on the left and '英文' on the right. The input text is '傷口清潔' (Shāngkǒu qīngjié) and the output is 'Wound cleaning'. There are also icons for voice input and output, and a '意見回饋' (Feedback) link at the bottom right.

## 華藝線上圖書館

- 1 比較自來水與生理食鹽水對傷口的清潔：利用AMSTAR綜觀系統性文獻回顧  
石讓綺(Fu-Chi Shih)；吳承樺(Cheng-Hua Wu)；林芸如(Yun-Ru Lin)；張瑞珊(Rui-Shan Zhang)；潘柔雯(Jou-Wen Pan)；賴慧娟(Jyuan-Huei Lai)；黃采薇(Tsai-Wei Huang)；  
弘光學報 79期 (2017/03), 91-101  
傷口清潔；AMSTAR；系統性文獻回顧；自來水 Wound cleansing；AMSTAR；Systematic review；tap water  
10.6615/HAR.201703.79.08  
預覽摘要 [加入收藏](#) [全文下載](#)
- 2 銀離子敷料於傷口照護之文獻回顧  
李獻筠(Ruei-Yun Li)；朱彥紅(Yen-Hung Chu)；江采宜(Tsay-I Chiang)；顧家恬(Chia-Tien Ku)；  
澄清醫護管理雜誌 11卷4期 (2015/10), 43-50  
傷口照護；銀離子；抗菌敷料 Wound care；Silver ion；Amicrobial dressings  
預覽摘要 | 被引用次數 (3)  
[加入收藏](#) [全文下載](#)



# 02.

## 文獻搜尋技巧



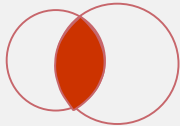

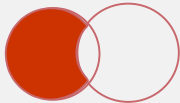
✓ 利用PICO  
找出關鍵字

✓ 布林邏輯

✓ 控制詞彙

✓ 快速查得  
高證據等級  
文獻

# 布林邏輯(Boolean logics)

運算元	圖示	作用
<b>AND</b> (交集)		<ul style="list-style-type: none"><li>✓ 用於<b>相異概念</b>詞彙</li><li>✓ <b>縮小</b>搜尋範圍</li></ul>
<b>OR</b> (聯集)		<ul style="list-style-type: none"><li>✓ 用於<b>相似概念</b>詞彙</li><li>✓ <b>擴大</b>搜尋範圍</li></ul>
<b>NOT</b>		<b>排除</b> 不相關的範圍

Patient/Problem

病人問題

Wound cleansing 傷口清潔

Intervention

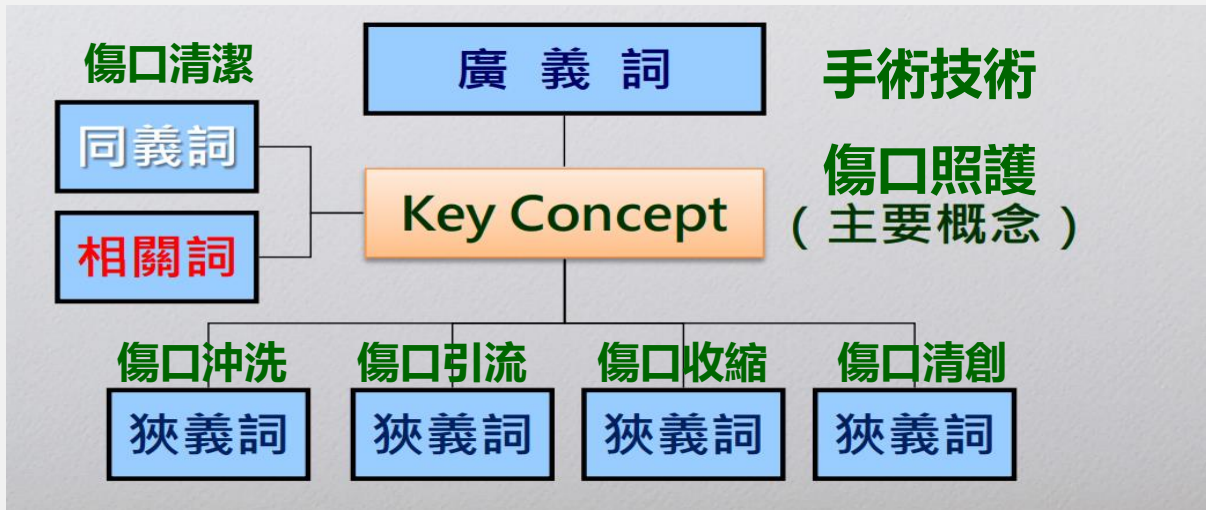
介入處置 (檢查)

Tap water 清水

建議先用2組重要的主題，例：  
**(wound cleansing OR wound care)**  
**AND tap water**

# 控制詞彙

- 收集足以表示該學科領域的詞彙，並以特定的結構排列，以顯示詞彙之間的關係，並製成索引典(標題表)。
- 可了解某特主題「**廣義詞**」、「**狹義詞**」、「**相關詞**」三者間的運用，作為**擴大搜尋**與**縮小搜尋範圍**之用



# MeSH v.s. Emtree 醫學標題表

- 生物醫學標題索引典，採樹狀結構。上下標題採層級的呈現方式。
- 各標題詞間的**廣義詞** ( broad terms ) 及**狹義詞** ( narrow terms)。
- 專家或AI技術分辨文獻主題後標註，可以協助找出**精確符合主題**的資料。

NCBI Resources How To

MeSH

MeSH

Limits Advanced

Full

**All MeSH Categories**

PubMed search builder options

Restrict to MeSH Major Topic.

Tree Number(s): 0

**All MeSH Categories**

- [Analytical, Diagnostic and Therapeutic Techniques and Equipment Category +](#)
- [Anatomy Category +](#)
- [Anthropology, Education, Sociology and Social Phenomena Category +](#)
- [Check Tags Category +](#)
- [Chemicals and Drugs Category +](#)
- [Disciplines and Occupations Category +](#)
- [Diseases Category +](#)
- [Geographical Locations Category +](#)
- [Health Care Category +](#)
- [Humanities Category +](#)
- [Information Science Category +](#)
- [Organisms Category +](#)
- [Persons Category +](#)
- [Pharmacological Actions Category +](#)
- [Phenomena and Processes Category +](#)
- [Psychiatry and Psychology Category +](#)
- [Publication Type Category +](#)
- [Subheadings Category +](#)
- [Technology and Food and Beverages Category +](#)

Add to search build

AND

Search PubMed

**Related information**

- PubMed
- PubMed - Major Topic
- Clinical Queries
- NLM MeSH Browser

**Recent Activity**

- All MeSH Categories

**PubMed**

**Medline**

**MeSH Term**

Embase®

**Browse Emtree**

**Query Builder**

Build a multi-term search query

Find Term Browse by Facet

**No term selected**

Please select a term from Emtree to use it in your query

**Emtree**

- [anatomical concepts 16,966,803 Records](#)
- [biological functions 25,339,862 Records](#)
- [biomedical disciplines, science and art 11,037,413 Records](#)
- [chemical, physical and mathematical phenomena 14,123,627 Records](#)
- [chemicals and drugs 22,192,951 Records](#)
- [diseases 24,708,144 Records](#)
- [geographic names 5,015,773 Records](#)
- [groups by age and sex 15,785,023 Records](#)
- [health care concepts 9,961,769 Records](#)
- [named groups of persons 5,803,180 Records](#)
- [organisms 30,583,431 Records](#)
- [procedures, parameters and devices 32,195,769 Records](#)

**Embase**

**Emtree Term**

## Mesh Term

- [-] Hydroxides
  - Aluminum Hydroxide
  - Ammonium Hydroxide
  - Calcium Hydroxide
  - Hydroxyl Radical
  - Lye
  - Magnesium Hydroxide
  - Sodium Hydroxide

[-] Water

- Deuterium Oxide
- Drinking Water
- Ice
- [-] Mineral Waters
  - Carbonated Water

explode

## Emtree Term

○ water and water related phenomena

○ water

- brackish water
- carbonated water
- cooling water
- deionized water
- deuterium oxide
- distilled water
- drinking water
- fresh water
- ground water
- hot water
- ice
- lake water
- mineral water
- purified water
- rain
- river water
- salt water
- sea water
- snow
- soil water
- sterile water
- storm water
- surface water
- tap water
- well water

explode

因標註標題需要時間，僅用  
控制詞彙易遺漏最新文獻

# 控制詞彙 v.s 自由詞彙

PICO	中文相關詞	自由詞彙 (英文相關/同義詞)	控制詞彙 (MeSH)	控制詞彙 (Emtree)
<b>P</b> atient/ Problem	傷口清潔  <b>AND</b>	wound cleans <u>ing</u> <b>OR</b> wound clean <u>ing</u> <b>OR</b> wound care <b>OR</b> wound treat <u>ment</u> <b>OR</b> wound Irrigation <b>OR</b>	Wounds and injuries	Wound care
<b>I</b> ntervention	清水	tap water <b>OR</b> tap-waters <b>OR</b> tap-water	Water	Water -tap water
<b>C</b> omparison	生理食鹽水	Normal saline		
<b>O</b> utcomes	傷口感染率	Infection		

↑  
查全率  
(sensitive)

↑  
查準率  
(specific)

# Systematic Review 搜尋策略範例

## Appendix 2. Search strategy Ovid MEDLINE

控制  
詞彙

1 exp "Wounds and Injuries"/  
2 exp Skin Ulcer/  
3 (wound\*1 or ulcer\*1 or laceration\*1 or bite\*1 or abrasion\* or tear\*1 or diabetic foot or diabetic feet).ti,ab,hw.  
4 or/1-3

自由  
詞彙

5 exp Water/  
6 water.ti,ab,hw.  
7 or/5-6 (458407)

8 (clean\* or wash\* or irrigat\* or shower\* or bath\* or rins\*).ti,ab,hw.  
9 and/4,7-8

控制  
詞彙

We used the following search strategy to search CENTRAL:

#1 MeSH descriptor Wounds and Injuries explode all trees  
#2 MeSH descriptor Skin Ulcer explode all trees  
#3 MeSH descriptor Diabetic Foot explode all trees  
#4 ("wound" or "wounds" or "ulcer" or "ulcers" or "bite" or "bites" or "abrasion" or "abrasions" or "laceration" or "lacerations" or "diabetic foot" or "diabetic feet"):ti,ab,kw

自由  
詞彙

#5 (#1 OR #2 OR #3 OR #4)  
#6 MeSH descriptor Water explode all trees  
#7 "water":ti,ab,kw  
#8 (#6 OR #7)

#9 (clean\* or wash\* or irrigat\* or shower\* or bath\* or rins\*):ti,ab,kw  
#10 (#5 AND #8 AND #9)

# Kahoot Time!



# Kahoot!

Game PIN

Enter



Create your own kahoot for FREE at [kahoot.com](https://kahoot.com)

[Terms](#) | [Privacy](#)



# 02.

## 文獻搜尋技巧



✓ 利用PICO  
找出關鍵字

✓ 布林邏輯

✓ 控制詞彙

✓ 快速查得  
高證據等級  
文獻

# 實證健康照護金字塔 EBHC Pyramid 5.0

Alper BS, Haynes RBEHC pyramid 5.0 for accessing preappraised evidence and guidanceBMJ Evidence-Based Medicine 2016;21:123-125.

層	金字塔	說明	舉例
5	<b>Systems</b>	<b>電腦化決策支援系統</b>	幾個歐洲國家實施EBMeDS
4	<b>Synthesised Summaries for Clinical Reference</b>	<b>臨床文獻統整摘要</b> (實證導向、線上臨床教科書): 整合以下三層而成之摘要	<b>Clinicalkey Nursing</b> 、 DynaMed、UptoDate <a href="#">EBM Guidelines</a>
3	<b>Systematically Derived Recommendations (Guidelines)</b>	<b>系統性導向的治療建議</b> (臨床指引): 統整、精要、文獻篩選	各國Guidelines
2	<b>Systematic Review</b>	<b>系統性文獻回顧:</b> 精要、文獻篩選	<b>Cochrane Library</b> (Cochrane Reviews) <b>JBI EBP database</b>
1	<b>Studies</b>	<b>精要、文獻篩選</b> (預先評讀)	Evidence-based nursing

搜尋流程

PubMed / Medline / Embase

## ● 4. Synthesised Summaries for Clinical Reference

### (1) ClinicalKey Nursing

為實證護理學資料庫,內含多種資源:實證護理專論、護理專業電子期刊、電子書、藥物資訊、臨床指引、衛教資料、病人安全與品質管理、常用量表及計算機,是護理人員取得臨床照護與護理研究資訊的便利工具。

### (2) UpToDate

UpToDate 資料庫中的**Topic Review(含背景及前景知識)**,皆由UpToDate的主編和超過全球6,400位的專業醫師作者們所撰寫,涵蓋28種主要醫療專科,並整合**Lexicomp藥物資訊**。是由作者們瀏覽425+本經peer reviewed的重要期刊加上專業、經驗和意見而成的,資料**每日更新**。

### (3) DynaMed

審閱Cochrane Reviews及其他實證醫學相關文獻後,撰寫成**Topic Review(含背景及前景知識)**,涵蓋36種主要醫療專科,包括急診醫學、醫院整合醫學、兒科、外科、重症照護、安寧療護等,整合**Micromedex藥物資訊**,**每日更新**以提供醫師最佳參考資訊,進而協助進行診療上的判斷與決策。

# Clinicalkey Nursing



ClinicalKey<sup>®</sup> for Nursing

## ClinicalKey - Lead with Answers

Search for conditions, treatments, drugs, books, journals and more

All Types

vaseline

X

Search

- Vaseline adverse reactions
- Vaseline contraindications
- Vaseline indications
- Vaseline monitoring
- Vaseline Intensive Care
- Vaseline Dermatology Formula

Google-like  
(請輸入疾病、症狀或藥名)

輸入關鍵字後，系統  
自動帶出查詢建議

## Browse clinical content

Diagnose conditions and validate de

Clinical Overviews >

Comprehensive topic summaries  
for your clinical questions

Clinical Skills >

Skills and procedures for quick  
review and learning

Drug Monographs >

Drug and dosing in  
guide treatment de

Mosby's Evidence-Based  
Nursing Monographs

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Patient Education >

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Guidelines >

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leading organizations

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screening

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衛教  
資料

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指引

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資訊

實證  
專論

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See more clinical content types >

# Clinicalkey Nursing

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New View  Browse Tools

Filter By:

- Source Type  Journal Articles 72
  - Full Text Only
  - Full Text and MEDLINE
- Randomized Control Trials 3
- Narrative Reviews 27
- Books 37
- Patient Education 3
- Guidelines 3
- Procedure Videos 2
- Videos 2
- Clinical Trials 1
- Clinical Overviews 1

Specialties  Date

121 results

CHAPTER EXCERPT

### Additional Readings

**Drain Removal**  
Managing wound pain Adv Skin Wound Care Dealing with drainage Home Healthc Nurse Cleaning wounds with saline or tap water Emerg Nurse  
[AACN Procedure Manual for High Acuity, Progressive, and Critical Care](#)  
Schaad, Brian D.; Makic, Mary Beth Flynn. Published December 31, 2016. © 2017.

CH...  
**Addi...**  
[Wound management with excessive drainage](#)  
Management of fistula in the abdominal region J Wound Ostomy Continece Nurs A cost-effectiveness analysis of fistula treatment in the abdominal region using a new integrated fistula and wound management system J Wound Ostomy Continece Nurs Clean...  
[AACN Procedure Manual for High Acuity, Progressive, and Critical Care](#)

多組關鍵字間使用空格隔開即可  
(系統會自動以" and" 組合查詢)

Filter可組合使用  
(文獻種類/研究類型/專科/日期)

# 實證護理專論

## Mosby's Evidence-Based Nursing Monograph

MOSBY'S EVIDENCE-BASED NURSING MONOGRAPH

### Asthma

Update author: Karen Gorton, PhD, RN, FNP, MS, ATC, BC

Last Revised: 2019-11-13

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**Clinical Question:**  
Based on advances in the management of asthma, what nursing implications can be derived for the provision of evidence-based quality patient care?

**Introduction to Clinical Health Problem: Pathophysiology**

Asthma is a chronic inflammatory disorder of the airways characterized by variable and recurring symptoms, airflow obstruction, bronchial hyper-responsiveness and underlying airway inflammation (1). Asthma is a leading cause of disability in terms of years lived with the condition (2). Appropriate asthma treatment requires access to medication and the ability to not only self-monitor but to also follow a detailed care/treatment plan. Asthma's clinical spectrum is widely variable, ranging from mild to life-threatening and affecting

asthma

Dorland's Medical Dictionary

1. recurrent attacks of paroxysmal dyspnea, with airway inflammation and wheezing due to spasmodic contraction of the bronchi.... [more](#)

**Related Content**

Related Drugs

- Dexamethasone
- Montelukast

Related Patient Education

- Asthma, Pediatric
- Asthma, Adult
- Asthma, Pediatric, Easy-to-Read
- More

Related Skills

**「疾病」相關資訊分類：  
病理簡介、照護計畫、用藥、  
衛教資訊、照護指引等等。**

**摘要重要參考文獻  
並標上證據等級**

Clinical Question:

Introduction to Clinical Health Problem: Pathophysiology

Current Practice

**Synopsis of Current Literature**

Evidence-Based Nursing Recommendations

References

# Evidence-Based Nursing Research

Top of Page

Title	School Nurses and Asthma Care	Level of Evidence V
Description:	<p>To determine if there was consistency across international settings in the type of coordinated care that school nurses provide for children with asthma, a qualitative, descriptive study was conducted. The study was conducted in both Reykjavik, Iceland, and St. Paul, MN, USA. Six focus groups were created with a total of 32 school nurses who participated in the study, 17 nurses from Reykjavik and 15 nurses from St. Paul. Data were collected from September 2008 through January 2009.</p>	
Findings:	<p>Comparisons were made related to the school nurses' coordinated care of asthmatic children in school. An International School Nurse Asthma Care Coordination Model was created and utilized by the school nurses. The tool was used for information gathering, assessing risk of asthmatic episodes, examining prior health care needs, and anticipating and planning student needs both at an individual and school level. The nurses from both countries found the tool to be one that could be used as a framework for school nurses worldwide when it comes to the coordinated care of asthmatic children.</p>	
Reference:	<p>Garwick AW, Svavarsdóttir EK, Seppelt AM, Looman WS, Anderson LS, Örlýgsdóttir B. <a href="#">Development of an international school nurse asthma care coordination model</a>. <i>J Adv Nurs</i>. 2015;71(3):535-546.</p>	



## Clinical Key Nursing 文獻證據等級

<b>Level I</b>	All relevant randomized controlled trials (RCTs)
<b>Level II</b>	At least one well-designed RCT
<b>Level III</b>	Well-designed controlled trials without randomization
<b>Level IV</b>	Well-designed case-controlled or cohort studies
<b>Level V</b>	Descriptive or qualitative studies
<b>Level VI</b>	Single descriptive or qualitative study
<b>Level VII</b>	Authority opinion or expert committee reports

Adapted from Melnyk & Fineout-Overholt, 2011 ; Agency for Healthcare Research and Quality [AHRQ], 2002; Oxford Centre for Evidence-Based Medicine, 2009) (ClinicalKey for Nursing, Evidence Based Nursing Monographs, 2016)



# UpToDate、DynaMed

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DynaMed®

收錄主題

收錄10,000+ topics · 共25專科主題

藥物資訊

Lexicomp Drug database

監控資源

- 1) 425+本期刊
- 2) 10,000+國家/國際臨床指引

證據標註

GRADE 評分系統  
或文獻原用證據等級

個人化功能

將topic review加書籤(我的最愛)

收錄9,500+ topics · 共36個專科主題

- 1) IBM Micromedex drug database
- 2) 提供ICD-10號碼

- 1) 500+本期刊 · 另加Cochrane
- 2) 19,000+國家/國際臨床指引

GRADE 評分系統 (DynaMed 3 level)  
或文獻原用證據等級

追蹤topic review更新並可email alert

# UpToDate

UpToDate®

Chang Gung Memorial Hospital Linkou

Contents Calculators Drug Interactions UpToDate Pathways

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Search UpToDate

(請輸入疾病、症狀或藥名)

Complication  
Management  
treatment  
Diagnosis  
Overview

Google like搜尋

- 1.不須AND OR NOT
- 2.切換介面可用中文搜尋

多種語言介面

COVID-19 Information

See our [COVID-19 Homepage](#), a categorized collection of all UpToDate COVID-19 content.

行動裝置使用說明

Wolters Kluwer

Language

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# DynaMed



The screenshot shows the DynaMed website interface. At the top left is the DynaMed logo. To its right is a navigation bar with a red box around it containing 'Specialties', 'Drugs A-Z', 'Drug Interactions', 'Calculators', 'About', and 'Mobile'. Further right is a 'Personalized Services' (個人化服務) button with a user icon and a 'CME' button. Below the navigation bar is a search bar with a language dropdown set to 'English' and a search icon. A red box highlights the language dropdown. To the right of the search bar is a yellow callout box with the text '(請輸入疾病、症狀或藥名)'. Below the search bar is a large orange callout box with the text 'Google like搜尋' and two numbered points: '1. 不須AND OR NOT' and '2. 切換介面可用中文搜尋'. At the bottom of the screenshot are three columns of medical specialties: Cardiology, Oncology, and Dermatology, each with a representative image and a list of conditions.

個人化服務



CME

Specialties ▾ Drugs A-Z Drug Interactions Calculators About Mobile

行動裝置使用說明

工具列

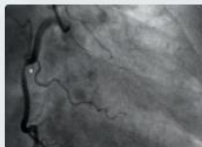
多種語言介面

English ▾

(請輸入疾病、症狀或藥名)

Google like搜尋

1. 不須AND OR NOT
2. 切換介面可用中文搜尋



## Cardiology

Acute Coronary Syndromes,  
Stable Coronary Artery  
Disease, Heart Failure



## Oncology

Breast Cancers, Lung Cancers,  
Gastrointestinal Cancers,  
Lymphomas



## Dermatology

Eczematous Dermatoses,  
Malignant and Pre-malignant  
Lesions, Papulosquamous...



# UpToDate、DynaMed文獻證據等級

UpToDate®

## Recommendation grades

1. Strong recommendation: Benefits clearly outweigh the risks and burdens (or vice versa)
2. Weak recommendation: Benefits and risks closely balanced and/or uncertain

## Evidence grades

- A. High-quality evidence: Consistent evidence from randomized trials, or overwhelming evidence from observational studies
- B. Moderate-quality evidence: Evidence from randomized trials with important limitations, or from observational studies with important limitations
- C. Low-quality evidence: Evidence from observational studies, or from randomized trials with serious flaws

• For outpatient treatment, we suggest amoxicillin-clavulanate (eg, 875 mg/125 mg twice daily) (**Grade 2C**), with dose adjustments as needed for gas... We do not usually add a macrolide or doxycycline when aspiration pneumonia is the most acceptable alternative for patients who cannot take amoxicillin/clavulanate. If atypical pathogens is indicated, but it is less well-studied in aspiration pneumonia, observations, or from randomized trials with serious flaws

非每個文獻摘要  
都標註證據等級

DynaMed®

### 1 Level 1 (likely reliable)

Representing research results addressing clinical outcomes and meeting an expert panel's criteria for high quality, with minimal risk of bias.

There are two types of conclusions which can earn a Level 1 label: levels of evidence from randomized trials and levels of evidence for conclusions regarding a body of evidence.

### 2 Level 2 (mid-level) Evidence

Representing research results addressing clinical outcomes, and using some of the quality criteria to achieve Level 1 evidence labeling.

### 3 Level 3 (lacking direct) Evidence

Representing reports that are not based on scientific analysis of clinical outcomes. Examples include expert opinion, and conclusions extrapolated indirectly from scientific studies.

## STUDY SUMMARY

**negative cumulative balance of sodium may be useful in estimation of volume status** For patients with symptoms of moderately severe hyponatremia, neurointensive care

- DIAGNOSTIC
- Details ^
- Start prompt diagnostic assessment (**Strong recommendation**).
  - Consider stopping (if possible) medications or other factors that may increase risk for hyponatremia.
  - Manage patients based on **underlying cause** of hyponatremia (**Strong recommendation**).
  - For immediate treatment, consider either IV infusion 150 mL of 3% hypertonic saline or equivalent over 20 minutes (**Weak recommendation**), or in patients with mild to moderate symptoms and low risk of brain herniation, 3% sodium chloride infusion at 0.5-2 mL/kg per hour.
  - Consider monitoring serum sodium levels every 1, 6, and 12 hours (**Weak recommendation**).

## 2. Systematic Review

### (4) Cochrane Library

**Cochrane Collaboration**是一個國際性組織，目前世界有12個Cochrane Center，來自各國的專業人員，依各主題分別從龐大的醫學資料中嚴格過濾、評讀文獻，發表做成**系統性文獻回顧**。

提供**Mesh Term標題表**，快速查得**相關度高**的文章。

資料庫內容包括：

- **Cochrane Reviews**: 即Cochrane Database of Systematic Reviews.
- **Clinical Trials**: Cochrane Central Register of Controlled Trials (該資料庫別名為「CENTRAL」)
- **Clinical Answers (CCAs)**: 將Cochrane Reviews中嚴謹的研究結果，摘要易讀、易懂且切入重點內容供臨床決策參考。
- **Epistemonikos**(Other Reviews)

直接進入  
進階查詢

Access provided by: Chang Gung Memorial Hospital Linkou Library English

Cochrane Library Trusted evidence. Informed decisions. Better health.

Title Abstract Keyword

Browse Advanced search

Cochrane Reviews Trials Clinical Answers About Help

查詢  
系統性回顧文獻  
必查

Can omega-3 fatty acid prevent preterm birth? Read the Review

Preventing falls in older people Read the Special Collection

Reviews of prognosis studies Read the Editorial

1 使用多欄位一次查詢多組關鍵字

#### Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search Search manager Medical terms (MeSH) Save search View searches Search help

- Title Abstract Keyword tap water

- AND Title Abstract Keyword wound cleansing or wound clean\*

+ Search limits Send to search manager Run search

Clear all

2 直接到Search manager組合查詢

# Cochrane Library

## Advanced Search

從Search Manager開始

Search

Search manager

Medical terms (MeSH)

PICO search<sup>BETA</sup>

Save this search

View saved searches

Search help

Print

+									
-	+	#1	MeSH descriptor: [Wounds and Injuries] explode all trees	MeSH	27132				
-	+	#2	(wound cleaning) or (wound cleansing) or (wound care)	Limits	8807				
-	+	#3	#1 or #2	limits	34833				
-	+	#4	MeSH descriptor: [Water] explode all trees	MeSH	2443				
-	+	#5	#3 and #4	Limits	107				
-	+	#6	to compose	S	MeSH	Limits	N/A		

啟動MeSH索引典

輸入檢索策略組合查詢  
#3 AND #4

限定欄位

Highlight orphan lines

## Filter your results

Date i

Publication date

The last 3 months.....0

The last 6 months.....0

The last 9 months.....0

The last year .....0

The last 2 years .....0

Custom Range:

to

Apply

Clear

Cochrane Reviews

1

Cochrane Protocols

0

Trials

4

Editorials

0

More

▼

1 Cochrane Review ma "查詢結果分類"

**Cochrane Database of Systematic Reviews**

Issue 3 of 12, March 2019

**Select all (1)**    Export selected citation(s)    **Show all previews**

Order by

Results per page

1  **Water for wound cleansing**

Ritin Fernandez, Rhonda Griffiths

**Show Preview ▼**    Intervention    Review    15 February 2012

Cochrane Reviews

4

Cochrane Protocols

0

**Trials**

**103**

Editorials

0

More

⚠ For COVID-19 related studies, please also see the **Cochrane COVID-19 Study Register**

### 103 Trials matching "#5 - #3 and #4"

Cochrane Central Register of Controlled Trials  
Issue 9 of 12, September 2021

**Select all (103)** Export selected citation(s)

Order by **Relevancy** ▾

1

#### Is tap water a safe alternative to normal saline for wound irrigation in the community setting?

RD Griffiths, RS Fernandez, CA Ussia

Journal of wound care, **2001**, 10(10), 407-411 | added to CENTRAL: 31 July 2002 | 2002 Issue 3

[PubMed](#)

2

#### The protective effects of a new preparation on wound edges

KD Neander, F Hesse

Journal of wound care, **2003**, 12(10), 369-371 | added to CENTRAL: 31 October 2004 | 2004 Issue 4

[PubMed](#)

3

#### Comparison between sterile saline and tap water for the cleaning of acute traumatic soft tissue wounds

MH Angerås, A Brandberg, A Falk, T Seeman

European journal of surgery = Acta chirurgica, **1992**, 158(6-7), 347-350 | added to CENTRAL: 31 January 1998 | 1998 Issue 1

[PubMed](#)

[Embase](#)

## Filter your results

Year

**i**

Year first published

2021 ..... 2

2020 ..... 2

2019 ..... 1

2018 ..... 4

2017 ..... 6

Custom Range:

yyyy

to

yyyy

Apply

Clear

Date

**i**

Date added to CENTRAL trials database

The last 3 months ..... 2

The last 6 months ..... 2

The last 9 months ..... 4

The last year ..... 4

The last 2 years ..... 4

Custom Range:



dd/mm/yyyy

to



dd/mm/yyyy

**CENTRAL**  
(Cochrane Central Register of Controlled Trials [CCRCT])



# Water for wound cleansing

✉ **Ritin Fernandez, Rhonda Griffiths** Authors' declarations of interest

Version published: 15 February 2012 Version history

<https://lib3.cgmh.org.tw:30069/10.1002/14651858.CD003861.pub3>

## Abstract

Available in [English](#) | [Español](#) | [Français](#) | [日本語](#) | [한국어](#) | [Bahasa Malaysia](#) | [Português](#) | [繁體中文](#)

## Background

Although various solutions have been recommended for cleansing wounds, normal saline is favoured as it is an isotonic solution and does not interfere with the normal healing process. Tap water is commonly used in the community for cleansing wounds because it is easily accessible, efficient and cost effective; however, there is an unresolved debate about its use.

## Objectives

The objective of this review was to assess the effects of water compared with other solutions for wound cleansing.

## Search methods

For this fourth update we searched the Cochrane Wounds Group Specialised Register (searched 9 November 2011); The Cochrane Central Register of Controlled Trials (CENTRAL) (*The Cochrane Library* 2011, Issue 4); Ovid MEDLINE (2010 to October Week 4 2011); Ovid MEDLINE (In-Process & Other Non-Indexed Citations, November 8, 2011); Ovid EMBASE (2010 to 2011 Week 44); and EBSCO CINAHL (2010 to 4 November 2011).

## Selection criteria

Randomised and quasi randomised controlled trials that compared the use of water with other solutions for wound cleansing were eligible for inclusion. Additional criteria were outcomes that included objective or subjective measures of wound infection or healing.

## Data collection and analysis

Two review authors independently carried out trial selection, data extraction and quality assessment. We settled differences in opinion by discussion. We pooled some data using a random-effects model.

## Main results

有系統且清楚的方法去確認、篩選及  
評判相關原始研究文獻，選出高品質的  
文獻，針對其結果加以整合分析討論



88

Used in 17 guidelines

Linked to this Review (2)

**Abstract**  
**Plain language summary**  
**Authors' conclusions**  
Background  
Objectives  
Methods  
Results  
Discussion

**Appendices**

Information  
Authors  
Version History  
Keywords

**Translation notes**

References  
Characteristics of studies  
Data and analyses

**Figures and tables**  
 **Download statistical data**  
 **Related content**

# Water for wound cleansing

## Appendices

### Appendix 1. Search methods for the third update - 2010

For this third update we searched the following databases:

- Cochrane Wounds Group Specialised Register (Searched 22/2/10)
- The Cochrane Central Register of Controlled Trials (CENTRAL) (*The Cochrane Library*, 2010 Issue 1);
- Ovid MEDLINE - 2007 to February Week 2 2010;
- Ovid MEDLINE - In-Process & Other Non-Indexed Citations (Searched 19/2/10);
- Ovid EMBASE - 2007 to 2010 Week 06;
- EBSCO CINAHL - 2007 to February 22 2010.

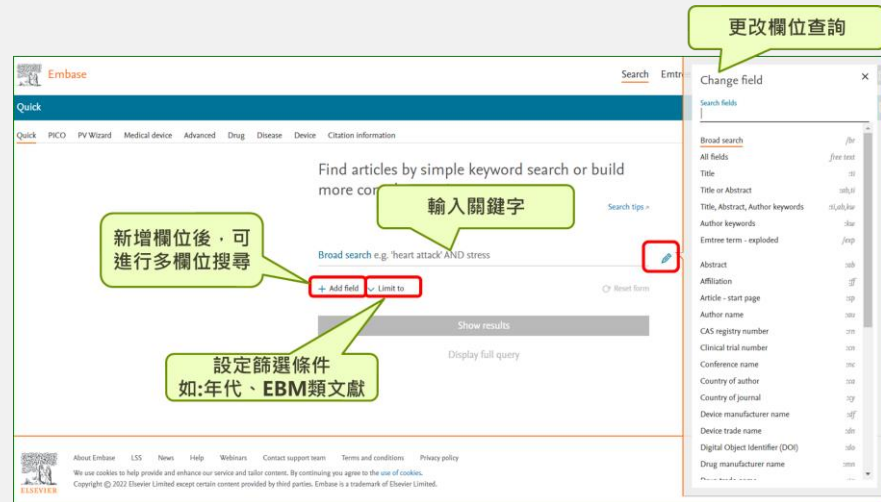
## (5) PubMed / Medline

- ◆ 美國醫學圖書館學會(NLM)製作。
- ◆ 收錄**5,800**多種生物醫學類期刊
- ◆ 提供**Mesh Term標題表**，快速查得**相關度高**的文章。



## (6) Embase

- ◆ 全球最大出版社Elsevier製作。
- ◆ 收錄**8,500**多種西文期刊，收錄期刊比Medline多出50%(更多**歐洲與亞洲**資料及**灰色文獻**)
- ◆ 提供**Emtree標題表**，快速查得**相關度高**的文章。



# PubMed



National Library of Medicine  
National Center for Biotechnology Information

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Log in

PubMed.gov

wound cleansing and tap water



Search

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[User Guide](#)

Save

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Send to

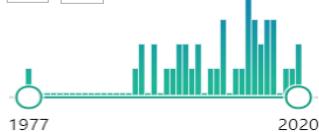
Sorted by: Best match

Display options

MY NCBI FILTERS

38 results

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

3 articles found by citation matching

[Examining the literature on using tap water in wound cleansing.](#)

Patel S, et al. Nurs Times. 2003. PMID: 14626040 Review.

[Tap water as a wound cleansing agent in accident and emergency.](#)

Riyat MS, et al. J Accid Emerg Med. 1997. PMID: 9193982 [Free PMC article](#).

[\[Tap water for wound cleansing. Please not in outpatient nursing care!\]](#).

[No authors listed] MMW Fortschr Med. 2012. PMID: 23270054 German. No abstract available.

[Show all](#)

[Water for wound cleansing.](#)

1 Fernandez R, Griffiths R.

Cochrane Database Syst Rev. 2012 Feb 15;(2):CD002861. doi: 10.1002/14651858.CD002861.pub3

tap water wound cleansing

Advanced

Create alert Create RSS

Search

Save

Email

Send to

38 results



### Water for wound cleansi

1

Fernandez R, Griffiths R.

Cite

Cochrane Database Syst Rev. 201

PMID: 22336796 Review.

Share

The major comparisons were **wat**  
**wounds**, the relative risk of deve  
normal saline was 0.16, (95% C ...

### History and Search Details

檢查MeSH轉換是否正確

Search

Actions

Details

Query

Results

Time

#1

...

▼

Search: **tap water wound cleansing**

38

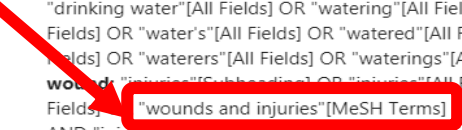
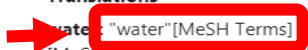
21:08:18

"tap"[All Fields] AND ("water"[MeSH Terms] OR "water"[All Fields] OR "drinking water"[MeSH Terms] OR ("drinking"[All Fields] AND "water"[All Fields]) OR "drinking water"[All Fields] OR "watering"[All Fields] OR "waters"[All Fields] OR "water s"[All Fields] OR "watered"[All Fields] OR "waterer"[All Fields] OR "waterers"[All Fields] OR "waterings"[All Fields]) AND ("injuries"[MeSH Subheading] OR "injuries"[All Fields] OR "wounds"[All Fields] OR "wounds and injuries"[MeSH Terms] OR ("wounds"[All Fields] AND "injuries"[All Fields]) OR "wounds and injuries"[All Fields] OR "wound s"[All Fields] OR "wounded"[All Fields] OR "wounding"[All Fields] OR "woundings"[All Fields] OR "wound"[All Fields]) AND ("cleanse"[All Fields] OR "cleansed"[All Fields] OR "cleanses"[All Fields] OR "cleansing"[All Fields] OR "cleansings"[All Fields])

#### Translations

**water:** "water"[MeSH Terms] OR "water"[All Fields] OR "drinking water"[MeSH Terms] OR ("drinking"[All Fields] AND "water"[All Fields]) OR "drinking water"[All Fields] OR "watering"[All Fields] OR "waters"[All Fields] OR "water's"[All Fields] OR "watered"[All Fields] OR "waterer"[All Fields] OR "waterers"[All Fields] OR "waterings"[All Fields]  
**wound:** "injuries"[MeSH Subheading] OR "injuries"[All Fields] OR "wounds"[All Fields] OR "wounds and injuries"[MeSH Terms] OR ("wounds"[All Fields] AND "injuries"[All Fields]) OR "wounds and injuries"[All Fields] OR "wound's"[All Fields] OR "wounded"[All Fields] OR "wounding"[All Fields] OR "woundings"[All Fields] OR "wound"[All Fields]  
**cleansing:** "cleanse"[All Fields] OR "cleansed"[All Fields] OR "cleanses"[All Fields] OR "cleansing"[All Fields] OR "cleansings"[All Fields]

自動轉換成醫學標題查詢



## 搜尋小技巧.利用\*萬用字元擴大搜尋範圍

wound clean\* × **Search** User Guide

Advanced Create alert Create RSS

Save Email Send to Sorted by: Best match Display options

6,440 results

**Wound cleaning** and wound healing: a concise review.  
1 Wilkins RG, Onverdorpen M.  
Cite Adv Skin Wound Care. 2013 Apr;26(4):160-3. doi: 10.1097/01.ASW.0000428861.26671.41.  
PMID: 23507692 Review.  
Share Chronic **wounds** present a significant societal burden in their cost of care, and they reduce patient quality of life. Key components of **wound** care include such measures as debridement, irrigation, and **wound cleaning**. ...**Wounds** may be washed

Topical **Wound** Medications.  
2 Leise BS.  
Cite Vet Clin North Am Equine Pract. 2018 Dec;34  
PMID: 30447767 Review.  
Share Topical therapies are used in equine **wound** healing to **clean** and decontaminate the **wound** environment after acute injury and to promote healing and decrease the risk of infection once the **wound** has initially been treated. ...The use of topical antiseptic ...

Water for **wound cleansing**.  
3 Fernandez R, Griffiths R.  
Cite Cochrane Database Syst Rev. 2012 Feb 15;(2):CD003861. doi: 10.1002/14651858.CD003861.pub3.  
PMID: 22336796 Review.

單詞使用萬用字元\*或雙引號" "時，  
不會轉換MeSH查詢

# 擴大搜尋結果

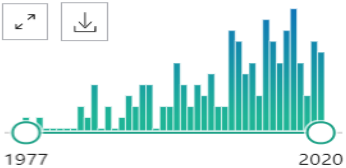
**PubMed.gov** (wound cleansing or wound clean\* or wound care) and tap water

Advanced Create alert Create RSS User Guide

Save Email Send to Sorted by: Best match

MY NCBI FILTERS  **142 results**

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

Did you mean *(wound cleansing or bound clean\* or bound care) and tap water* (40 results)?

- Water for wound cleansing.**  
1 Fernandez R, Griffiths R.  
Cite Cochrane Database Syst Rev. 2012 Feb 15;(2):CD003861. doi: 10.1002/14651858.CD003861.pub3. PMID: 22336796 Review.  
Share The major comparisons were **water** with normal saline, and **tap water** with no **cleansing**. For chronic **wounds**, the relative risk of developing an infection when **cleansed** with **tap water** compared with normal saline was 0.16, (95% C ...
- Comparison of wounds' infection rate between tap water and normal saline cleansing: A meta-analysis of randomised control trials.**  
2 Huang CY, Choong MY.  
Cite Int Wound J. 2019 Feb;16(1):300-301. doi: 10.1111/iwj.12980. Epub 2018 Sep 6.  
Share PMID: 30191654 Review. No abstract available.
- Tap Water Versus Sterile Normal Saline in Wound Swabbing: A Double-Blind Randomized Controlled Trial.**  
3 Chan MC, Cheung K, Leung P.  
Cite

如果搜尋策略較複雜→主題先個別查詢→再做組合查詢

PubMed.gov

1 從PubMed首頁點選Advanced

Advanced Search

Search

User Guide

PubMed Advanced Search Builder

PubMed.gov

User Guide

Add terms to the query box

All Fields

Enter a search term

#4 AND #5 AND #8

ADD

Show Index

Query box

Enter / edit your search query here

2 直接輸入編號 (例如#1 AND #2) 進行組合查詢

從Advanced頁面下方取得搜尋歷史的編號

Add to History

History and Search Details

Download Delete

Search	Actions	Details	Query	Results	Time
#10	...	>	Search: #6 and Normal saline	402	08:27:47
#9	...	>	Search: #6 and #8	402	08:27:33
#8	...	>	Search: Normal saline	63,931	08:27:16
#6	...	>	Search: #4 and #5	12,913	08:26:13
#5	...	>	Search: tap water or water	1,011,315	08:25:56
#4	...	>	Search: wound cleansing or wound cleaning or wound care or wound treatment	856,805	08:25:48





## 尋找高證據等級文章類型

ARTICLE TYPE

- Books and Documents
- Clinical Trial
- Meta-Analysis
- Randomized Controlled Trial
- Review
- Systematic Review

PUBLICATION DATE

- 1 year
- 5 years
- 10 years

Additional filters

Reset all filters

ARTICLE TYPE

- Address
- Autobiography
- Bibliography
- Biography
- Case Reports
- Classical Article
- Clinical Conference
- Clinical Study
- Clinical Trial Protocol
- Clinical Trial, Phase I
- Clinical Trial, Phase II
- Clinical Trial, Phase III
- Clinical Trial, Phase IV
- Journal Article
- Lecture
- Legal Case
- Legislation
- Letter
- Multicenter Study
- News
- Newspaper Article
- Observational Study
- Observational Study, Veterinary
- Overall
- Patient Education Handout
- Periodical Index

Cancel Show

- Systematic Review
- Meta-Analysis
- Randomize controlled trial

# Ovid Medicine

從Mesh Term開始

Basic Search | Find Citation | Search Tools | Search Fields | **Advanced Search** | Multi-Field Search

1 Resource selected | [Hide](#) | [Change](#)

**Ovid MEDLINE(R) and In-Process & Other Non-Indexed Citations** 1946 to March 21, 2019

Enter keyword or phrase  
(\* or \$ for truncation)

**Keyword**  Author  Title  Journal

tap water

Search

▼ **Limits** *(close)*

Include Multimedia

Map Term to Subject Heading

Abstracts

Structured Abstracts

English Language

Local Holdings

Full Text

Review Articles

Humans

Latest Update

Pharmacologic Actions

Publication Year - -

[Additional Limits](#)

[Edit Limits](#)

Select	Subject Heading	Explode	Focus	Scope
<input type="checkbox"/>	<a href="#">Water Pollutants, Chemical</a>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">①</a>
<input type="checkbox"/>	<a href="#">Drinking Water</a>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">①</a>
<input type="checkbox"/>	Male	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">①</a>
<input type="checkbox"/>	<a href="#">Animals</a>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">①</a>
<input type="checkbox"/>	<a href="#">Water Supply</a>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">①</a>
<input type="checkbox"/>	<a href="#">Humans</a>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">①</a>
<input type="checkbox"/>	<a href="#">Water Microbiology</a>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">①</a>
<input type="checkbox"/>	Female	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">①</a>
<input checked="" type="checkbox"/>	<a href="#">Water</a>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">①</a>
<input type="checkbox"/>	<a href="#">Water Purification</a>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">①</a>
<input type="checkbox"/>	tap water.mp. search as Keyword			

[Basic Search](#) | [Find Citation](#) | [Search Tools](#) | [Search Fields](#) | **Advanced Search** | [Multi-Field Search](#)

1 Resource selected | [Hide](#) | [Change](#)

**Ovid MEDLINE(R) and In-Process & Other Non-Indexed Citations** 1946 to March 21, 2019

Enter keyword or phrase  
(\* or \$ for truncation)

**Keyword**  Author  Title  Journal

wound cleansing or wound clean\*

Search

▼ **Limits** *(close)*

Include Multimedia

Map Term to Subject Heading

Abstracts

Structured Abstracts

English Language

Local Holdings

Full Text

Review Articles

Humans

Latest Update

Pharmacologic Actions

Publication Year -

使用萬用字元\*或布林邏輯時  
系統不會查詢MeSH

Additional Limits

Edit

### ▼ Search History (5)

<input type="checkbox"/>	# ▲	Searches	Results	Type
<input checked="" type="checkbox"/>	1	Water/ or Drinking Water/	154622	Advanced
<input checked="" type="checkbox"/>	2	("tap water" or tap-water or "tap waters" or water).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	863053	Advanced
<input type="checkbox"/>	3	1 or 2	863053	Advanced
<input type="checkbox"/>	4	(wound cleansing or wound clean*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	431	Advanced
<input type="checkbox"/>	5	3 and 4	55	Advanced

Save

Remove

Combine with

AND

OR

# 尋找高證據等級文章類型

[Basic Search](#) | [Find Citation](#) | [Search Tools](#) | [Search Fields](#) | [Advanced Search](#) | [Multi-Field Search](#)

1 Resource selected | [Hide](#) | [Change](#)

**Ovid MEDLINE(R) and In-Process & Other Non-Indexed Citations** 1946 to November 21, 2018

Enter keyword or phrase  
(\* or \$ for truncation)

**Keyword**  Author  Title  Journal

Search

▼ **Limits** *(close)*

Include Multimedia

Map Term to Subject Heading

Abstracts

Structured Abstracts

English Language

Local Holdings

Full Text

Review Articles

Humans

Latest Update

Pharmacologic Actions

Publication Year - -

**Additional Limits** Edit Limits

更多限制條件要點  
Additional limits

Publication Year - -

年代

To select or remove multiple items from a list below, hold down the Shift or "Command" key while selecting.

Age Groups

- 
- All Infant (birth to 23 months)
- All Child (0 to 18 years)
- All Adult (19 plus years)
- Newborn Infant (birth to 1 month)
- Infant (1 to 23 months)

年齡

Animal Types

- 
- Cats
- Cattle
- Chick Embryo
- Dogs
- Goats

實驗對象(動物)

CheckTags

- 
- Age
- Animals
- Female
- Humans
- Male

性別

Clinical Queries

Journal Subsets

- 
- AIDS/HIV Journals
- Core Clinical Journals (AIM)
- Bioethics Journals
- Biotechnology Journals
- Communication Disorders Journals

期刊  
主題

Languages

- 
- Afrikaans
- Albanian
- Arabic
- Armenian
- Azerbaijani

語言

Publication Types

- 
- Retraction of Publication
- Review
- Scientific Integrity Review
- Systematic Reviews
- Technical Report
- Twin Study

文獻  
類型

Status

- Systematic Review
- Meta-Analysis
- Randomize controlled trial

# Embase

從PICO search開始

The screenshot shows the Embase PICO search interface. The top navigation bar includes 'Search', 'Emtree', 'Journals', 'Results', and 'My tools'. The 'Search' button is highlighted with a red box. Below the navigation bar, the 'PICO' section is active, with a 'PICO' button also highlighted in red. The main content area is titled 'Build your search using the PICO framework'. It features several input fields for PICO components: 'Default strategy' (set to '/exp'), 'Population' (set to 'wound care /exp' with '5 synonyms :all'), 'Intervention' (set to 'tap water /exp' with '2 synonyms :all'), 'Comparison' (set to 'placebo'), 'Outcome' (set to 'Infection /exp' with '15 synonyms :all'), and 'Study design' (set to 'randomized controlled trial'). A 'Limit to' section is at the bottom. A 'Show 86 results' button is at the bottom right. A yellow box with the text '預設explode(含狹義詞)' points to the '/exp' dropdown. Another yellow box with '自動比對同義詞' points to the '5 synonyms :all' dropdown. A red box highlights the '5 synonyms' dropdown, which is expanded to show a list of synonyms for 'wound care': 'wound care', 'wound cleaning', 'wound cleansing', 'wound toilet', and 'wound treatment'. A red box also highlights this list of synonyms.

Embase

Search

Emtree Journals Results My tools

Sign in

PICO

Quick PICO PV Wizard Medical device Advanced Drug Disease Device Citation Information

Build your search using the PICO framework

Search tips >

Default strategy /exp

預設explode(含狹義詞)

Population e.g. diabetes

wound care /exp 5 synonyms :all

自動比對同義詞

Intervention e.g. insulin

tap water /exp 2 synonyms :all

Comparison e.g. placebo

Outcome e.g. risk

Infection /exp 15 synonyms :all

Study design e.g. randomized controlled trial

Limit to

Reset form

5 synonyms for wound care

Select all synonyms

- wound care
- wound cleaning
- wound cleansing
- wound toilet
- wound treatment

Show 86 results

# 尋找高證據等級文章類型

Embase

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

Evidence Based Medicine

- Cochrane Review
- Systematic Review
- Meta Analysis

Controlled Clinical Trial

Randomized Controlled Trial

Sign in

Search tips ▾

page selections Collapse

Results Filters

+ Expand - Collapse all Apply >

Sources ▾

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 ▾

Apply >

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

#2 15  
["wound care"/exp OR "wound care" OR "wound cleaning" OR "wound cleansing" OR "wound toilet" OR "wound treatment"] AND ("tap water"/exp OR "tap water" OR "tapwater") AND ("infection"/exp OR "accidental infection" OR "acute infection" OR "autoinfection" OR "bacterial infections and mycoses" OR "bacteroid infection" OR "chain of infection" OR "focal infection" OR "infection" OR "infection mechanism" OR "infection route" OR "infection, focal" OR "infections" OR "infectious disease" OR "infectivity" OR "route of infection") AND [{"Cochrane review}/lim OR {systematic review}/lim OR {meta analysis}/lim]

#1 80  
["wound care"/exp OR "wound care" OR "wound cleaning" OR "wound cleansing" OR "wound toilet" OR "wound treatment"] AND ("tap water"/exp OR "tap water" OR "tapwater") AND ("infection"/exp OR "accidental infection" OR "acute infection" OR "autoinfection" OR "bacterial infections and mycoses" OR "bacteroid infection" OR "chain of infection" OR "focal infection" OR "infection" OR "infection mechanism" OR "infection route" OR "infection, focal" OR "infections" OR "infectious disease" OR "infectivity" OR "route of infection")

15 results for search #2 Set email alert Set RSS feed Search details Index miner

Results View | Export | Email | Add to Clipboard 1 — 15

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

1 Antiseptic versus non-antiseptic solutions for preventing **infection** in acute traumatic wounds: A systematic review  
Soeselo D.A., Yolanda R., Zita M., Theresa S., Astiarni Y., Santi B.T.  
*Journal of Wound Care* 2022 31:2 (162-169) Cited by: 0  
Embase MEDLINE Abstract Index Terms View Full Text Similar records >

2 Paediatric chemical burns: a clinical review  
Nguyen A.T.M., Chamberlain K., Holland A.J.A.  
*European Journal of Pediatrics* 2021 180:5 (1359-1369) Cited by: 2  
Embase MEDLINE Abstract Index Terms View Full Text Similar records >

3 Wound Irrigation in Orthopedic Open Fractures: A Review  
Gardezi M., Roque D., Barber D., Spake C.S.L., Glasser J., Berns E., Antoci V., Born C., Garcia D.R.  
*Surgical Infections* 2021 22:3 (245-252) Cited by: 2  
Embase MEDLINE Abstract Index Terms View Full Text Similar records >

4 BEVA primary care clinical guidelines: Wound management in the horse  
Freeman S.L., Ashton N.M., Eice Y.A., Hammond A., Hollis A.R., Quinn G.  
*Equine Veterinary Journal* 2021 53:1 (18-29) Cited by: 2  
Embase MEDLINE Abstract Index Terms View Full Text Similar records >

5 Comparison of wounds' **infection** rate between **tap water** and normal saline cleansing: A meta-analysis of randomised control trials  
Huang C.-Y., Choong M.-Y.

https://www.embase.com



# 搜尋重點提示

1. 以**PICO**分析臨床問題，初步擬出**關鍵字**。
2. 先用**P and I (或 O)**之**關鍵字(自由/控制詞彙)**搜尋資料庫。
3. 查得相關主題的**review articles(systematic review)**，閱讀參考文獻。  
→ **加入關鍵字再搜尋。**
4. 利用**related articles**或**cited by**滾雪球找文獻。 → **加入關鍵字再搜尋。**

多瀏覽經  
實證的文獻



加入關鍵字  
修正搜尋策略



修正問題  
再查找

臨床決策用



**Clinicalkey Nursing**  
DynaMed、UptoDate

**Cochrane Library**  
JBI EBP database

尋找實證  
報告題目



**Cochrane Library**  
JBI EBP database

**Evidence-based nursing**

實證競賽 or  
寫SR/MA用



**Clinicalkey Nursing**  
DynaMed、UptoDate

**Cochrane Library**  
JBI EBP database

**Pubmed(Medline)**  
**Embase / 華藝線上**

資料庫	控制詞彙	布林邏輯	相近 運算元	切截/ 萬用字元	詞組搜尋
PubMed	MeSH	AND, OR, NOT	無	*(萬用)	“詞組”
Ovid Medline	MeSH	AND, OR, NOT FREQ	ADJ <sub>n</sub>	\$或*(萬用) \$ <sub>n</sub> 或* <sub>n</sub> # (1字元) ? (0或1字元)	自動判斷
Embase	Emtree	AND, OR, NOT	NEAR/ <sub>n</sub> NEXT/ <sub>n</sub>	*(萬用) ?(1字元) ?(0或1字元)	“詞組”
Cochrane Library	MeSH	AND, OR, NOT	NEAR NEAR/ <sub>x</sub> NEXT	*(萬用) ? (1字元)	“詞組”
Web of Science	無	AND, OR, NOT	NEAR/ <sub>x</sub>	*(萬用) ?(1字元) \$(0或1字元)	“詞組”
Scopus	IndexTerms	AND, OR, <u>AND NOT</u>	W/ <sub>n</sub> (within) PRE/ <sub>n</sub> (precedes by)	!(萬用) ?(1字元) *(固定1字元) 自動美/英文及單/ 複數判斷	{詞組} “詞組” (loose/ approximate phrase)



# 本日學習重點

## 01.

### 文獻類型與證據等級

- ✓ 文獻類型
- ✓ 證據等級

## 02.

### 文獻搜尋技巧

- ✓ 利用PICO找出關鍵字
- ✓ 布林邏輯
- ✓ 控制詞彙 (MeSH / Emtree term)
- ✓ 快速查得高證據等級文獻



# THANKS!

敬請填寫  
滿意度調查

