



# 實證醫學 文獻搜尋

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# 文獻搜尋步驟

① 臨床情境 > 臨床問題 > PICO

② 使用合適的關鍵字

③ 布林邏輯組合

④ 執行檢索

⑤ 評估結果與需求

⑥ 修正檢索策略

查精準 vs. 搜周全

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查精準 vs. 搜周全

限定欄位  
研究設計

Filters & Limits(族群，包括年齡、性別....)

Similar articles 權重滾出相關文獻

# 認真識資料庫 如何搜尋？

# 證據等級



# 證據等級

Oxford Levels of Evidence 2011

<http://www.cebm.net/wp-content/uploads/2014/06/CEBM-Levels-of-Evidence-2.1.pdf>

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 monitoring test accurate?</b> (Diagnosis)	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?</b> (Prognosis)	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?</b> (Treatment Benefits)	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 COMMON harms?</b> (Treatment Harms)	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 RARE harms?</b> (Treatment Harms)	Systematic review of randomized trials or <i>n</i> -of-1 trial	Randomized trial or (exceptionally) observational study with dramatic effect			
<b>Is this (early detection) test worthwhile?</b> (Screening)	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.

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依序搜尋證據等級

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檢視問題類型



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系統性文獻回顧優於單一研究文獻

檢視問題類型

## COVID-19 and Patients with Chronic Kidney Disease (CKD) and End-stage Renal Disease (ESRD)

Patients on Chronic Dialysis > Strategies for Patients Receiving Peritoneal Dialysis at Home

Related Topics

Overview

> Patients With Chronic Kidney Disease (CKD)

▾ Patients on Chronic Dialysis

General Information

Management

> Strategies to Reduce Risk and Spread of COVID-19 in Dialysis Facilities

**Strategies for Patients Receiving Peritoneal Dialysis at Home**

Efficacy of COVID-19 Vaccines in Patients on Hemodialysis

Patients With Kidney Transplant

> Guidelines and Resources

Patient Information

kidney disease can be found in [Kidney Int Rep 2021 Jul 6 early online](#)

### Efficacy of COVID-19 Vaccines in Patients on Hemodialysis

**Evidence** • Updated 24 Jul 2021

#### STUDY SUMMARY

in adults with kidney failure, hemodialysis > 1 year associated with reduced neutralizing antibody response after first and second dose of Pfizer-BioNTech mRNA vaccine (BNT162b2) compared to healthy adults **DynaMed Level 2** **DynaMed Level 2**

CASE-CONTROL STUDY: [Clin J Am Soc Nephrol 2021 May 24 early online](#)

Details ▾

- review of early immune response to SARS-CoV-2 vaccination among patients with chronic kidney disease can be found in [Kidney Int Rep 2021 Jul 6 early online](#)

### Patients With Kidney Transplant

- kidney transplant recipients and patients using immunosuppressive therapy can be more susceptible to COVID-19 and are likely to experience more severe illness, and should take

Quickly find and determine the quality of the evidence.

DynaMed provides easy-to-interpret Level of Evidence labels so users can quickly find and determine the quality of the best available evidence. Evidence may be labeled in one of three levels:

1 Level 1 (likely reliable) Evidence

Representing research results addressing clinical outcomes and meeting an extensive set of quality criteria which minimizes bias.

There are two types of conclusions which can earn a Level 1 label: levels of evidence for conclusions derived from individual studies 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 method of scientific investigation, but not meeting 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 case series, case reports, expert opinion, and conclusions extrapolated indirectly from scientific studies.

antibody-based therapies (and SARS-CoV-2 monoclonal antibodies and convalescent plasma)

• Others

MANAGEMENT OF HYPOXEMIA, ARDS, AND OTHER COMPLICATIONS

DISCHARGE

INSTITUTIONAL PROTOCOLS

SPECIAL SITUATIONS

Pregnant and breastfeeding women

People with HIV

SOCIETY GUIDELINE LINKS

INFORMATION FOR PATIENTS

SUMMARY AND RECOMMENDATIONS

ACKNOWLEDGMENTS

REFERENCES

COVID-19) who are hospitalized for reasons other than COVID-19 would be eligible for monoclonal antibody therapy, as with certain high-risk outpatients. (See '[Defining disease severity](#)' above and '[Nonsevere disease](#)' above and '[COVID-19: Outpatient evaluation and management of acute illness in adults](#)', section on '[Monoclonal antibodies](#)'.)

- **Approach to severe disease** – For patients with severe disease ( $O_2$  saturation  $\leq 94$  percent on room air or need for oxygenation or ventilatory support), the approach to COVID-19-specific therapy depends on the level of support (see '[Defining disease severity](#)' above and '[Severe \(including critical\) disease](#)' above):

- For hospitalized patients with hypoxemia who are not yet on oxygen, we suggest [remdesivir](#), if available (**Grade 2C**). We suggest not using [dexamethasone](#) in such patients (**Grade 2C**). **Grade 2C**
- For hospitalized patients who are receiving low-flow supplemental oxygen, we suggest low-dose [dexamethasone](#) and, if available, [remdesivir](#) (**Grade 2C**). For patients who have significantly elevated inflammatory markers (eg, C-reactive protein [CRP] level  $\geq 75$  mg/L) and escalating oxygen requirements despite dexamethasone, we suggest adding either [baricitinib](#) or [tocilizumab](#) on a case-by-case basis (**Grade 2C**). If supplies of tocilizumab or baricitinib are limited, we prioritize them for more severely ill patients on higher levels of oxygen support.
- For hospitalized patients who are receiving high-flow supplemental oxygen or non-invasive ventilation, we recommend low-dose [dexamethasone](#) (**Grade 1B**). For patients who have been in the ICU for  $\geq 48$  hours of admission to an intensive care unit (ICU) or receipt of ICU-level care, we suggest either [baricitinib](#) or [tocilizumab](#) in addition to dexamethasone (**Grade 2B**). We also suggest adding [remdesivir](#) (**Grade 2C**); however, if supplies are limited, we prioritize remdesivir for patients who are on low-flow oxygen supplementation at baseline. **Grade 1B**

# Table 1: Grading Recommendations

Grade of Recommendation	Clarity of risk/benefit	Quality of supporting evidence	Implications
<p><b>1A.</b></p> <p>Strong recommendation, high quality evidence</p>	<p>Benefits clearly outweigh risk and burdens, or vice versa</p>	<p>Consistent evidence from well performed randomized, controlled trials or overwhelming evidence of benefit and risk.</p>	<p>Strong recommendations, can apply to most patients in most circumstances without reservation. Clinicians should follow a strong recommendation unless a clear and compelling rationale for an alternative approach is present.</p>
<p><b>1B.</b></p> <p>Strong recommendation, moderate quality evidence</p>	<p>Benefits clearly outweigh risk and burdens, or vice versa.</p>	<p>Evidence from randomized, controlled trials with important limitations (inconsistent results, methodologic flaws, indirect or imprecise), or very strong evidence of some other research design. Further research (if performed) is likely to have an impact on our confidence in the estimate of benefit and risk and may change the estimate.</p>	<p>Strong recommendation and applies to most patients. Clinicians should follow a strong recommendation unless a clear and compelling rationale for an alternative approach is present.</p>
<p><b>1C.</b></p> <p>Strong recommendation,</p>	<p>Benefits appear to outweigh risk and burdens, or vice versa.</p>	<p>Evidence from observational studies, unsystematic clinical experience, or from randomized, controlled trials with serious flaws. Any estimate of effect is uncertain.</p>	<p>Strong recommendation, and applies to most patients. Some of the evidence base supporting the recommendation is, however, of low quality.</p>

**Grading Recommendations 建議等級**

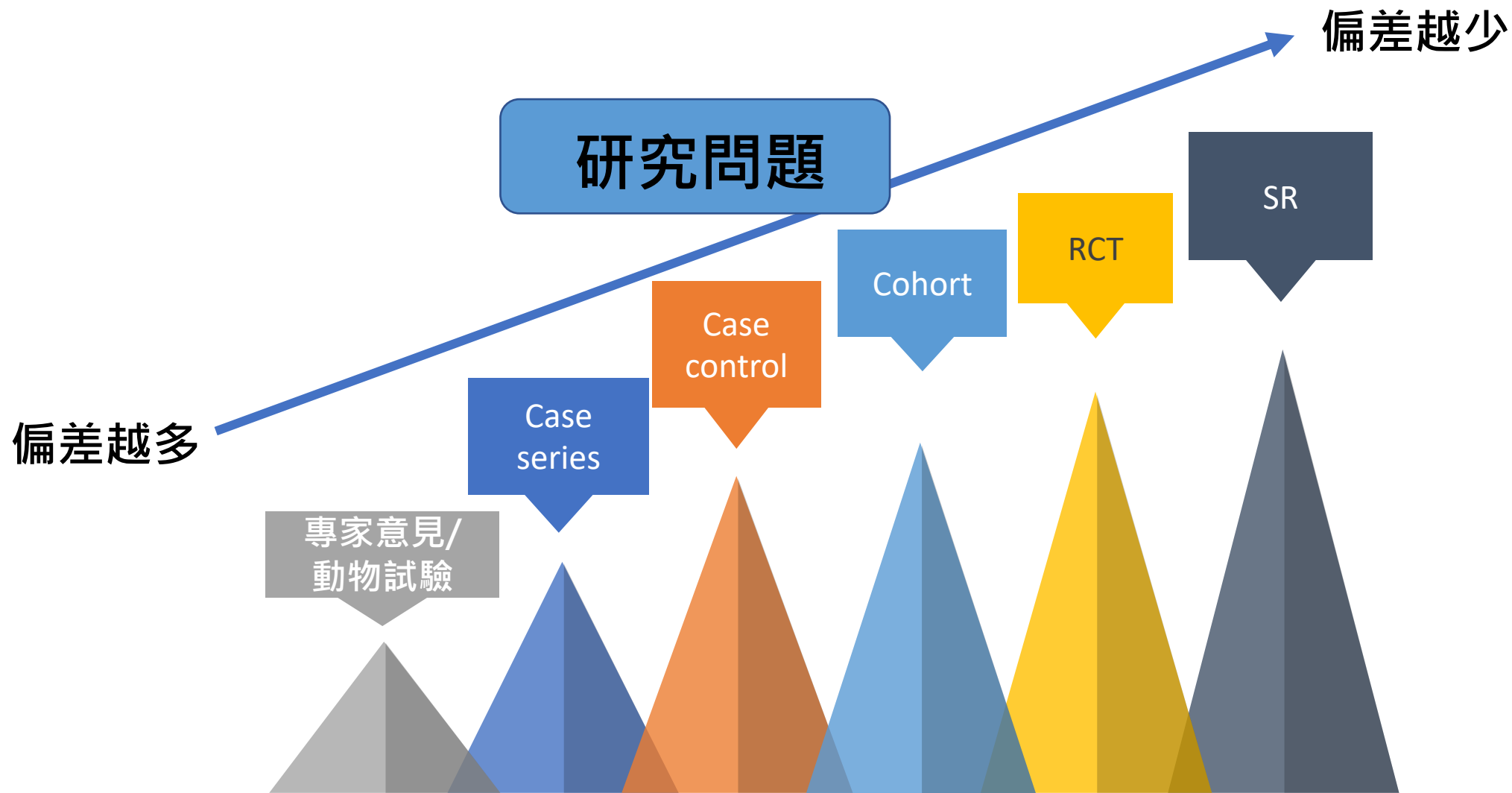
**Level of evidence 證據等級**

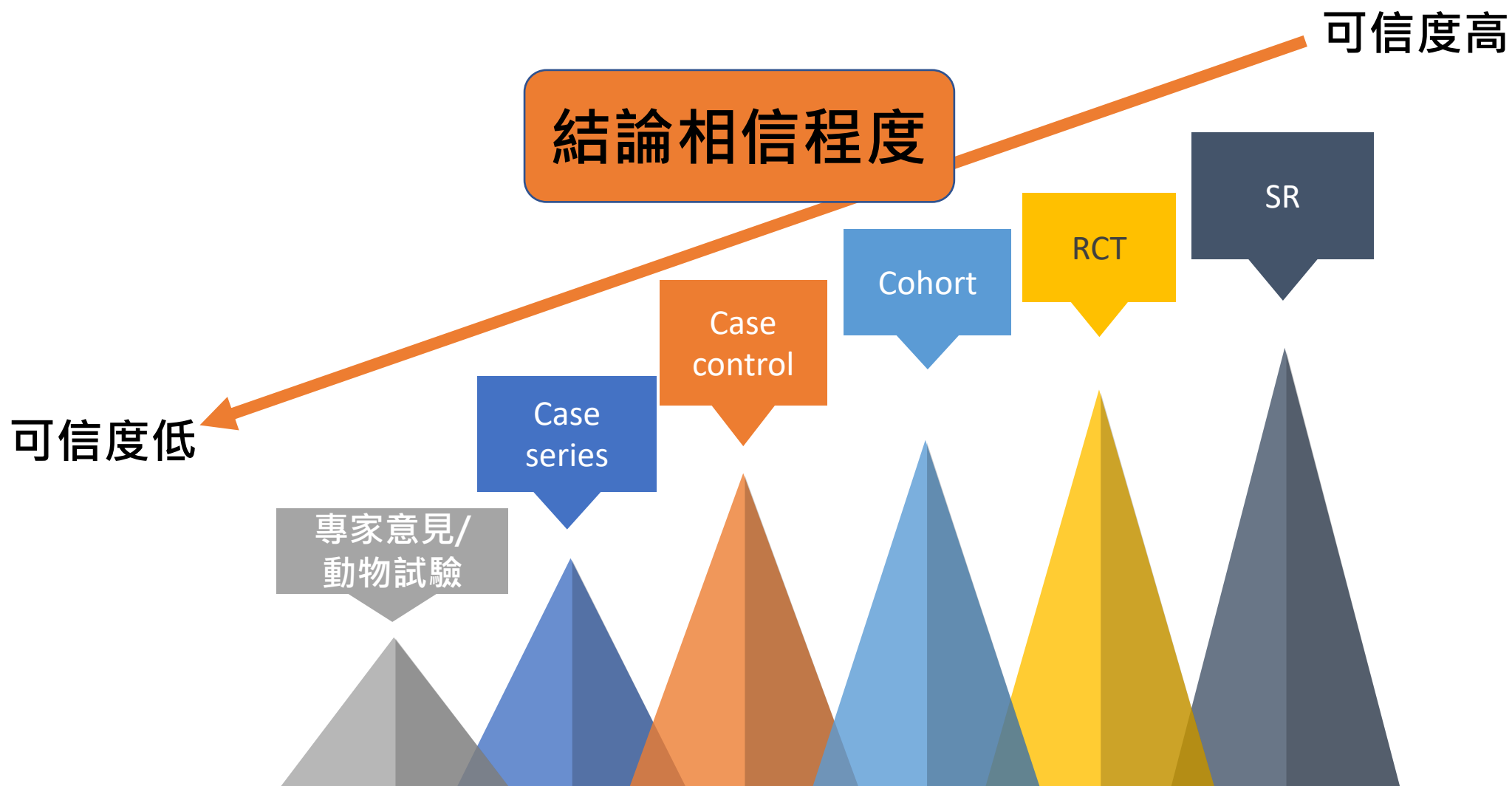
# 證據等級

.....  
Levels of evidence

# 建議強度

.....  
Strength of recommendation







# 設定關鍵字



# 運用PICO – 問題結構化

**P**



病人族群/問題

**I**



主要介入方式

**C**



相應比較方式

**O**



追蹤指標/結果

# 臨床情境

陳媽媽有兩個小孩，大兒子常常感冒拉肚子，她很怕

剛出生不久**2個多月大**的女兒也會出狀況。

最近聽說有一種**輪狀病毒的疫苗**，可以增加免疫力。

她想要知道**值不值得**打這個疫苗，卻有點**擔心副作用**。

# 運用PICO – 問題**結構化**

**P**



2個多月大的女嬰

**I**



輪狀病毒疫苗

**C**



不打疫苗

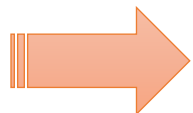
**O**



嚴重輪狀病毒腹瀉

# 形成關鍵字

問題結構化



形成關鍵字

**P**

2個多月大的女嬰



infant

**I**

輪狀病毒疫苗



Rotavirus Vaccination

**C**

不打疫苗



Placebo

**O**

嚴重輪狀病毒腹瀉



Severe rotavirus diarrhea  
incidence rate

# 形成關鍵字障礙

1. 語言隔閡
2. 同義字

# 形成關鍵字障礙

1. 語言隔閡 ..... Google翻譯、中文資料庫
2. 同義字 ..... 控制詞彙MESH/EMtree

# 自由語言 (同義字) 靈感

1. 字典/翻譯器
2. 期刊文章中英對照書目-華藝線上圖書館
3. 逛文章：EBM Summary Databases、Google
4. 控制詞彙之同義字參照清單
5. Emtree-Synonyms
6. MeSH-Entry Terms
7. 想像力!!



# 關鍵字

自由語言

同義字

Free-text term

Text Word

Synonym

控制詞彙

Subject Heading

MESH

Emtree



# 關鍵字

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# 關鍵字

自由語言

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Free-text term

Text Word

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大陸妹

春菜

大陸蒿

大陸A菜...

控制詞彙

Subject Heading

MESH

Emtree



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自由語言

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大陸蒿  
大陸A菜...

# 關鍵字

自由語言

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Free-text term

Text Word

Synonym

控制詞彙

Subject Heading

MESH

Emtree

**福山萵苣**

大陸妹

春菜

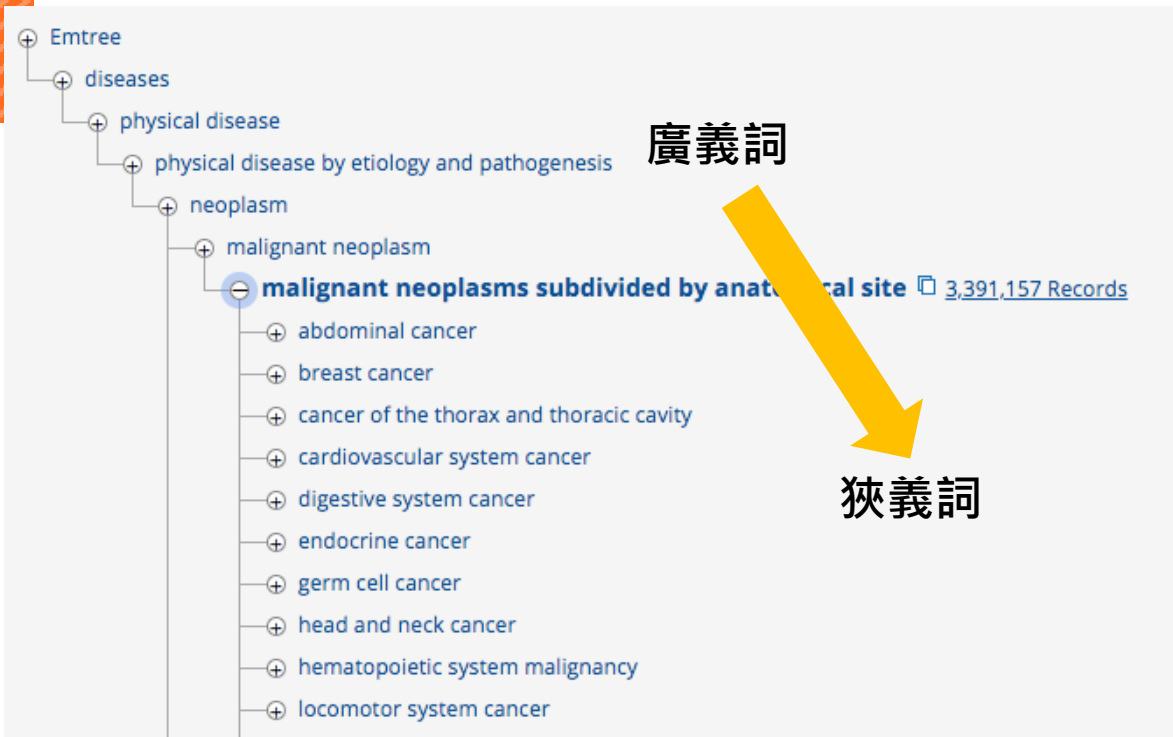
大陸萵

大陸A菜...

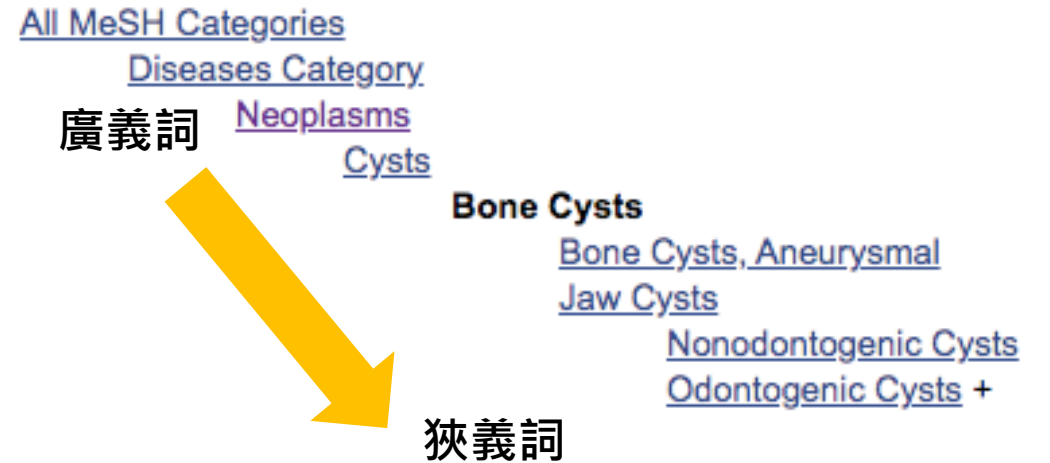


# 控制詞彙

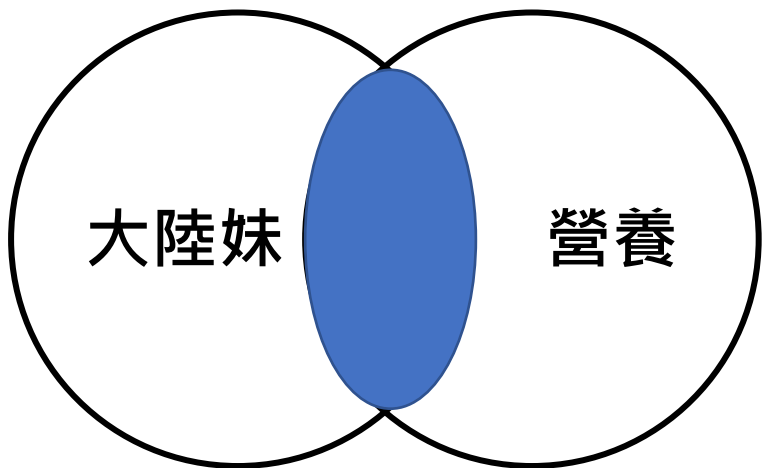
## Embase Emtree



## Pubmed MESH



# 布林邏輯

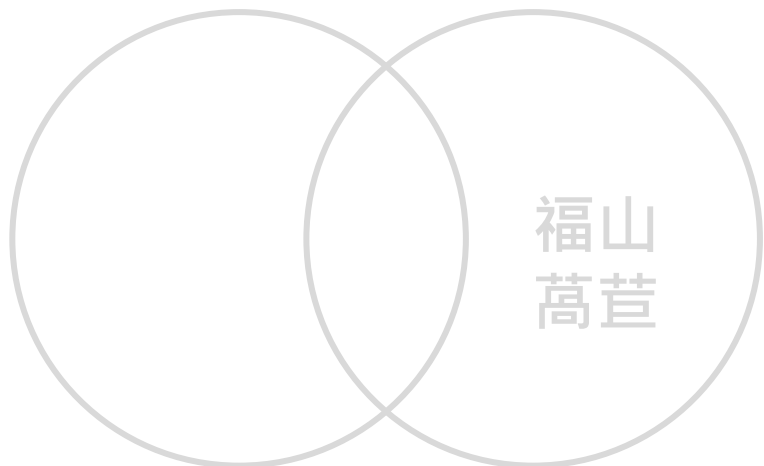


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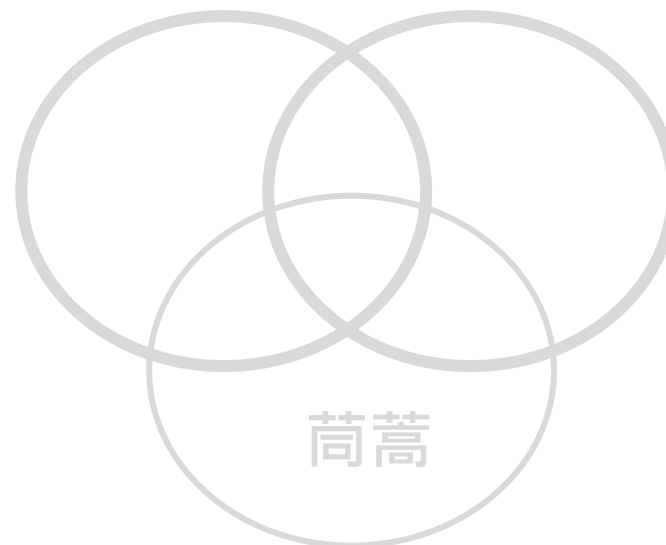
將與問題相符的文獻找進來



NOT



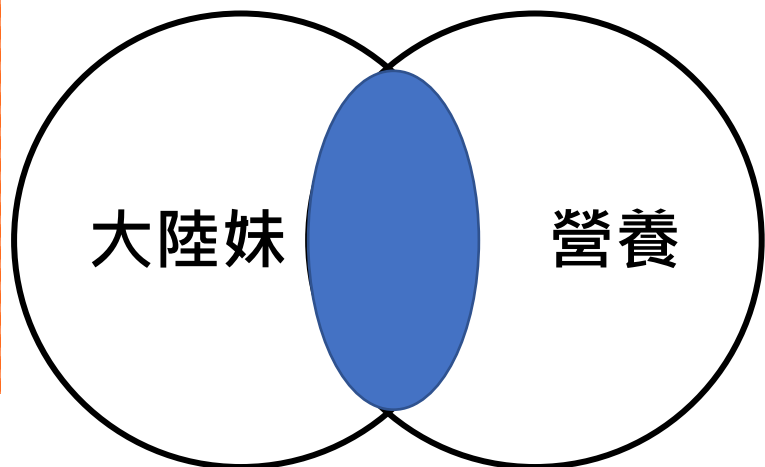
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OR

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# 布林邏輯

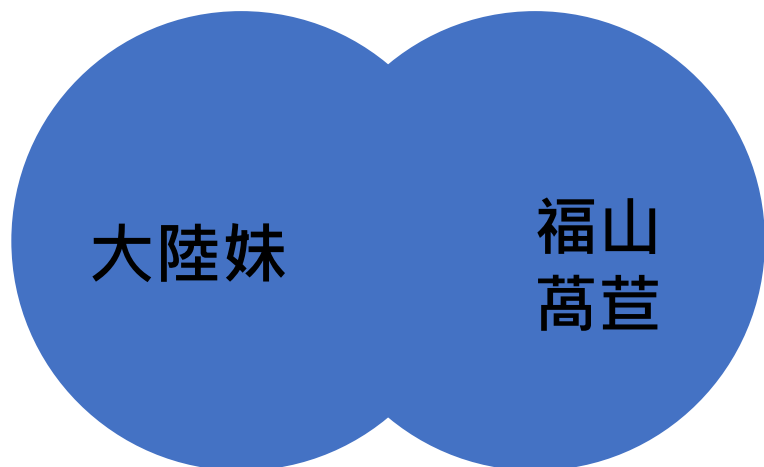


AND

將與問題相符的文獻找進來

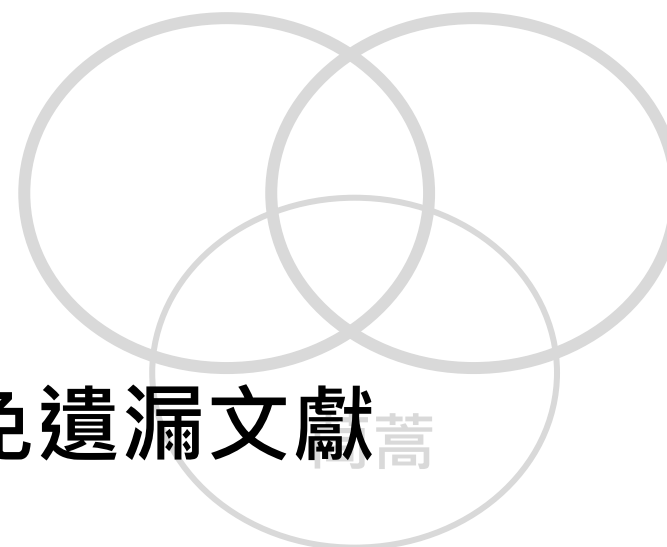


NOT



OR

同義詞搭配避免遺漏文獻

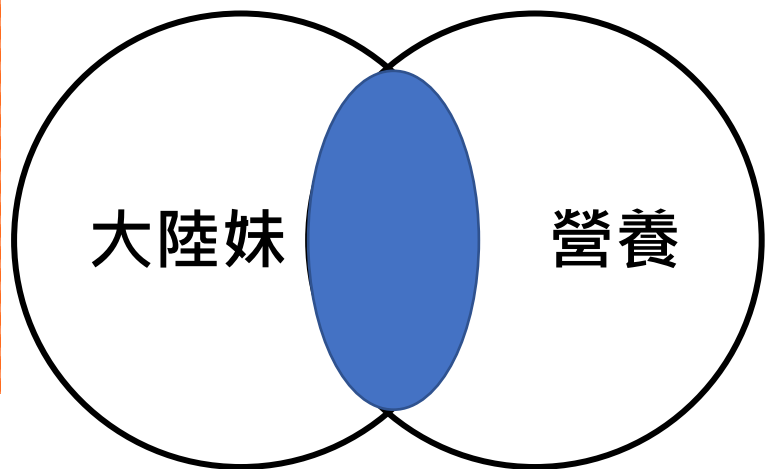


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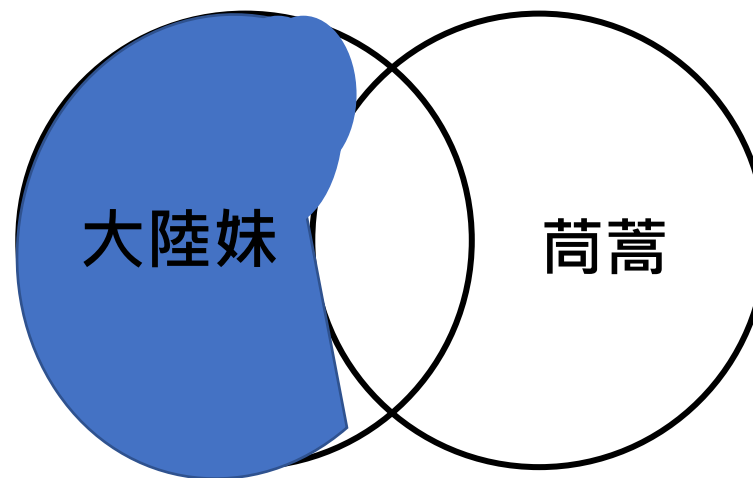
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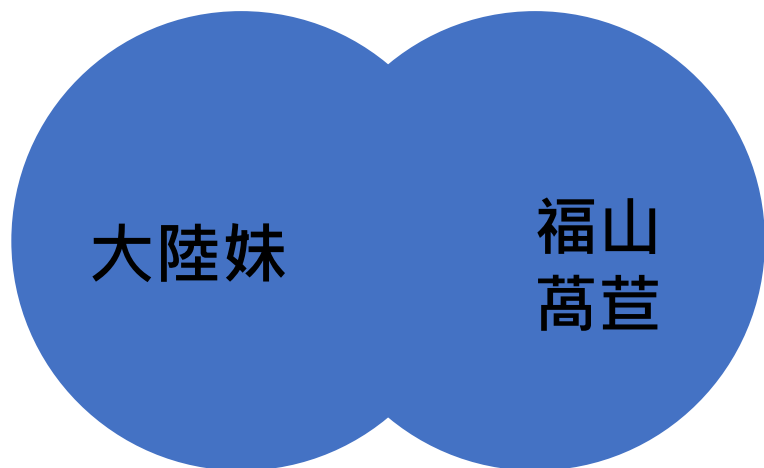
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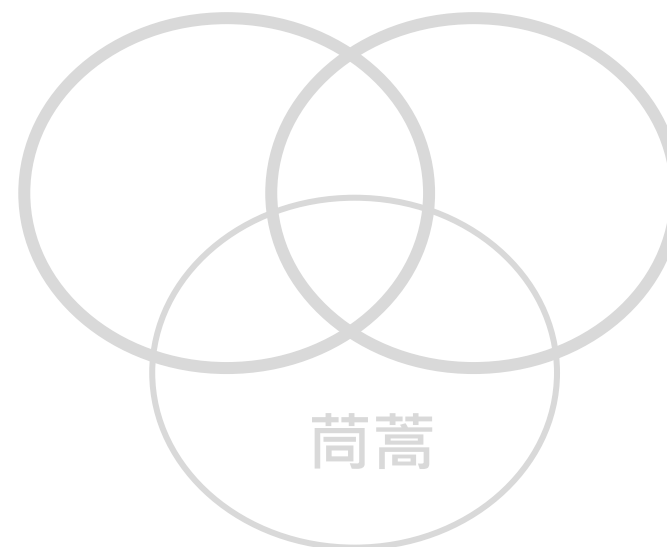
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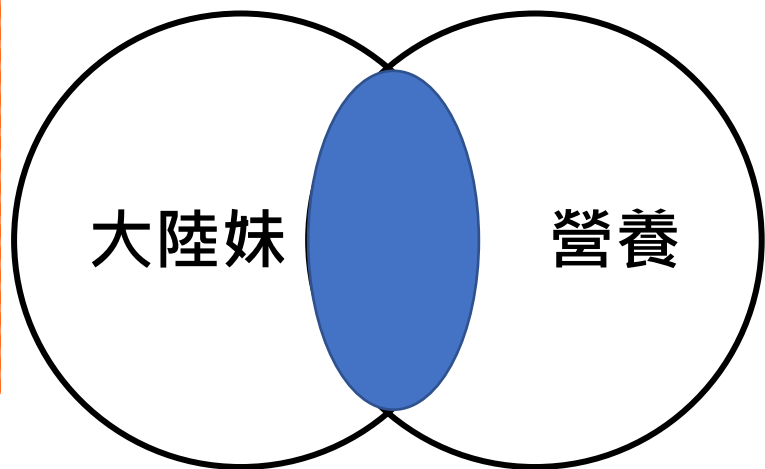
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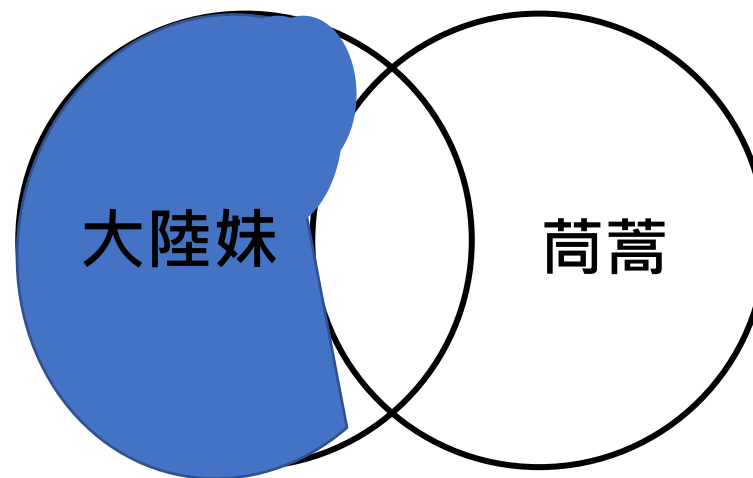
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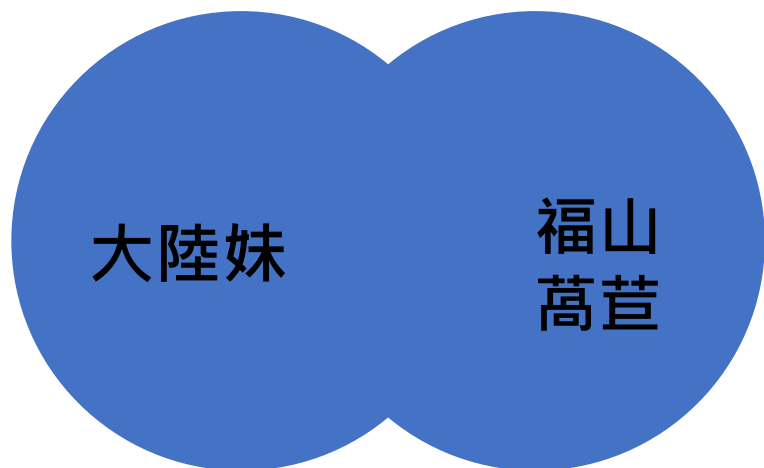
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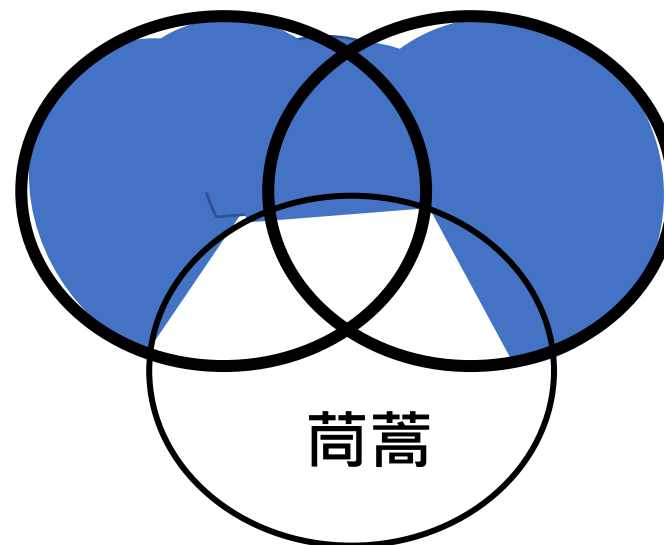
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OR





OR  
NOT

# 認識資料庫



# 資料庫分類

次級資料庫  經由專家整理  節省時間

初級資料庫  原始研究書目  
資料庫  資料量大

# 資料庫選擇

問題類型

背景問題

前景問題

時間就是金錢

臨床

發表文獻

問題目的

簡單回覆

深入研究

# 問題類型



背景問題

前景問題

資料庫



# 背景問題 ..... 次級資料庫

疾病問題



UpToDate

DynaMed

藥品問題



MicroMedex

Clinical Key

# 前景問題 ..... 初級資料庫



Embase®



Trusted evidence.  
Informed decisions.  
Better health.

 airiti Library 華藝線上圖書館



## 背景問題

### 次級資料庫

- ① 簡單搜尋
- ② 整理好讀
- ③ 證據明確

## 前景問題

### 初級資料庫

- ① 複雜搜尋
- ② 資料新穎
- ③ 耗時費力

# UpToDate

UpToDate®

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藥物交互作用查詢

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直接輸入關鍵字

## 分類呈現

Showing results for **covid vaccine****COVID-19 Homepage**

A categorized collection of all UpToDate COVID-19 content including clinical topics, algorithms, patient education, and society guideline links.

**COVID-19: Vaccines to prevent SARS-CoV-2 infection**

... efficacy when **COVID-19 vaccines** are coadministered with other vaccines, the CDC has stated that **COVID-19 vaccines** can be administered at any time in relation to other non-**COVID-19 vaccines**, and if needed ...

[Special populations](#)[Administration](#)[Summary and recommendations](#)

## 主要標題

**COVID-19: Vaccine-induced immune thrombotic thrombocytopenia (VITT)**

...in most cases. Five individuals subsequently received an mRNA vaccine as their second dose of **COVID-19 vaccine** while continuing to receive anticoagulation for VITT, and none had recurrent symptoms of VITT ...

[Implicated vaccines](#)

## 熱門議題

**COVID-19 vaccines**

General

Pediatric

Patient

Related formulations are presented in the following topics:

**COVID-19 vaccines**[COVID-19 mRNA vaccines](#)[COVID-19 adenovirus vector vaccines](#)**Drug Interactions**[Launch drug interactions program](#)

Guillain-Barre syndrome &lt;

STEPS TO VACCINE AVAILABILITY AND DELIVERY

大綱

POST-LICENSURE ISSUES

Combating vaccine hesitancy

Ongoing safety assessment

SOCIETY GUID

總結與建議

INFORMATION

SUMMARY AND RECOMMENDATIONS

REFERENCES

🖼️ GRAPHICS

view all

Figures

- Structure of SARS-CoV-2 spike protein
- SARS-CoV-2 spike protein
- SARS-CoV-2 vaccine platforms

## COVID-19: Vaccines to prevent SARS-CoV-2 infection

**Authors:** [Kathryn M Edwards, MD](#), [Walter A Orenstein, MD](#)

**Section Editor:** [Martin S Hirsch, MD](#)

**Deputy Editor:** [Allyson Bloom, MD](#)

[Contributor Disclosures](#)

All topics are updated as new evidence becomes available and our [peer review process](#) is complete.

Literature review current through: **Sep 2021**. | This topic last updated: **Sep 27, 2021**.

更新時間

### INTRODUCTION

At the end of 2019, a novel coronavirus now known as severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) was identified as the cause of a cluster of pneumonia cases in Wuhan, a city in the Hubei Province of China. It rapidly spread, resulting in a global pandemic. In February 2020, the World Health Organization named the disease COVID-19, which stands for coronavirus disease 2019 [1].

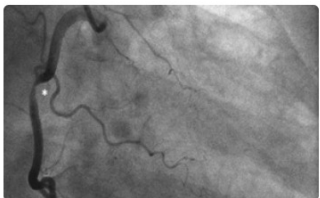
Vaccines to prevent SARS-CoV-2 infection are considered the most promising approach for curbing the pandemic and are being vigorously pursued. By the end of 2020, several vaccines had become available for use in different parts of the world, over 40 candidate vaccines were in human trials, and over 150 were in preclinical trials. The World Health Organization maintains an [updated list](#) of vaccine candidates under evaluation [2].

## 分科查詢

CONFIDENCE IN PRACTICE

🌐 English ▾

直接輸入關鍵字



### Cardiology

Acute Coronary Syndromes, Stable Coronary Artery Disease, Heart Failure

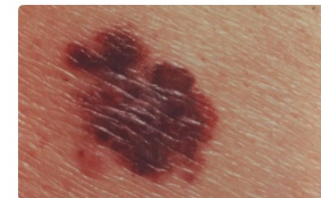
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### Oncology

Breast Cancers, Lung Cancers, Gastrointestinal Cancers, Lymphomas

[View Specialty](#)



### Dermatology

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

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## Mechanical Circulatory Support for Heart Failure

Overview and Recommendations > Evaluation

Overview and Recommendations

Background

Evaluation

Short-term MCS

Long-term MCS

大綱

Related Topics

Overview

General Information

Heart Failure Classification

Short-term mechanical circulatory support (MCS)

Long-term Mechanical Circulatory Support (MCS)

Emergency Care for Patients with Mechanical Circulatory Support (MCS) Devices

Guidelines and Resources

short-term mechanical circulatory support (MCS) is used.

- For patients being considered for long-term MCS, evaluate whether they are candidates for heart transplantation.

### Short-term MCS

- Offer short-term circulatory support to patients with heart failure refractory to medical therapy with multiorgan failure, sepsis, or who are on mechanical ventilation to allow successful optimization of clinical status and receipt of a long-term device (**Strong recommendation**).
- Consider short-term MCS for patients with heart failure who are hemodynamically compromised, have end-organ dysfunction, have relative contraindications to cardiac transplantation or durable cardiac device implantation, and are expected to improve over time with restoration or improved hemodynamic profile (**Weak recommendation**).
- Consider short-term circulatory support with subsequent reevaluation for potential cardiac transplantation candidates with potentially reversible or treatable comorbidities (such as cancer, obesity, renal failure, tobacco use, or pharmacologically irreversible pulmonary hypertension (**Weak recommendation**)).

證據強度(GRADE)

### Long-term MCS

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CONFIDENCE IN PRACTICE

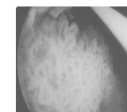
English



Cardiology

Acute Coronary Syndromes, Stable  
Coronary Artery Disease, Heart  
Failure

[View Specialty](#)



Oncology

Breast Cancers, Lung Cancers,  
Gastrointestinal Cancers,  
Lymphomas

[View Specialty](#)



Dermatology

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

[View Specialty](#)

條列呈現

## 背景問題

### 次級資料庫

- ① 簡單搜尋
- ② 整理好讀
- ③ 證據明確

## 前景問題

### 初級資料庫

- ① 複雜搜尋
- ② 資料新穎
- ③ 耗時費力



# PubMed



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## Explore

MeSH Database  
Journals

## 藉由檢索歷史組合

Add terms to the query box

All Fields   **AND** 



[Show Index](#)

Query box

#1 and #2 **可用編號進行AND/OR/NOT組合**  **Search** 

History and Search Details

## 檢索歷史

 Download  Delete

Search	Actions	Details	Query	Results	Time
#2	...	>	Search: <b>Severe rotavirus diarrhea</b>	1,665	09:26:45
#1	...	>	Search: <b>Rotavirus Vaccination</b>	5,917	09:25:37

Showing 1 to 2 of 2 entries



Search	Actions	Details	Query	Results	Time
#2	...	>	Search: <b>Severe rotavirus diarrhea</b>	1,665	09:26:45

#1	...	▼	Search: <b>Rotavirus Vaccination</b>	5,917	09:25:37
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## 關鍵字Details

Search: **Rotavirus Vaccination**  
("rotavirus"[MeSH Terms] OR "rotavirus"[All Fields] OR "rotaviruses"[All Fields]) AND ("vaccin"[Supplementary Concept] OR "vaccin"[All Fields] OR "vaccination"[MeSH Terms] OR "vaccination"[All Fields] OR "vaccinable"[All Fields] OR "vaccinal"[All Fields] OR "vaccinate"[All Fields] OR "vaccinated"[All Fields] OR "vaccinates"[All Fields] OR "vaccinating"[All Fields] OR "vaccinations"[All Fields] OR "vaccination s"[All Fields] OR "vaccinator"[All Fields] OR "vaccinators"[All Fields] OR "vaccine s"[All Fields] OR "vaccined"[All Fields] OR "vaccines"[MeSH Terms] OR "vaccines"[All Fields] OR "vaccine"[All Fields] OR "vaccins"[All Fields])

### Translations

**Rotavirus:** "rotavirus"[MeSH Terms] OR "rotavirus"[All Fields] OR "rotaviruses"[All Fields]

**Vaccination:** "vaccin"[Supplementary Concept] OR "vaccin"[All Fields] OR "vaccination"[MeSH Terms] OR "vaccination"[All Fields] OR "vaccinable"[All Fields] OR "vaccinal"[All Fields] OR "vaccinate"[All Fields] OR "vaccinated"[All Fields] OR "vaccinates"[All Fields] OR "vaccinating"[All Fields] OR "vaccinations"[All Fields] OR "vaccination's"[All Fields] OR "vaccinator"[All Fields] OR "vaccinators"[All Fields] OR "vaccine's"[All Fields] OR "vaccined"[All Fields] OR "vaccines"[MeSH Terms] OR "vaccines"[All Fields] OR "vaccine"[All Fields] OR "vaccins"[All Fields]

## History and Search Details



Download



Delete

Search	Actions	Details	Query	Results	Time
#3	...	▼	<p>Search: <b><u>Rotavirus Vaccine</u></b></p> <p>"rotavirus vaccines"[MeSH Terms] OR ("<u>rotavirus</u>"[All Fields] AND "vaccines"[All Fields]) OR "rotavirus vaccines"[All Fields] OR ("rotavirus"[All Fields] AND "vaccine"[All Fields]) OR "rotavirus vaccine"[All Fields]</p> <p><b>Translations</b></p> <p><b>Rotavirus Vaccine:</b> "rotavirus vaccines"[MeSH Terms] OR ("rotavirus"[All Fields] AND "vaccines"[All Fields]) OR "rotavirus vaccines"[All Fields] OR ("rotavirus"[All Fields] AND "vaccine"[All Fields]) OR "rotavirus vaccine"[All Fields]</p>	5,513	09:39:23
#2	...	>	Search: <b>Severe rotavirus diarrhea</b>	1,665	09:26:45
#1	...	▼	<p>Search: <b>Rotavirus Vaccination</b></p> <p>("rotavirus"[MeSH Terms] OR "rotavirus"[All Fields] OR "rotaviruses"[All Fields]) AND ("vaccin"[Supplementary Concept] OR "vaccin"[All Fields] OR "vaccination"[MeSH Terms] OR "vaccination"[All Fields] OR "vaccinable"[All Fields] OR "vaccinal"[All Fields] OR "vaccinate"[All Fields] OR "vaccinated"[All Fields] OR "vaccinates"[All Fields] OR "vaccinating"[All Fields] OR "vaccinations"[All Fields] OR "vaccination s"[All Fields] OR "vaccinator"[All Fields] OR "vaccinators"[All Fields]</p>	5,917	09:25:37

Save

Email

Send to

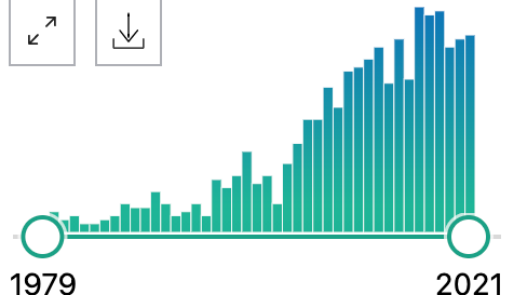
Sorted by: Best match

Display options

MY NCBI FILTERS

842 results

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

**Rotavirus Vaccines: Effectiveness, Safety, and Future Directions.**

1 Burnett E, Parashar U, Tate J.

Cite Paediatr Drugs. 2018 Jun;20(3):223-233. doi: 10.1007/s40272-018-0283-3.

PMID: 29388076 **Free PMC article.** Review.

Share Prior to **rotavirus vaccine** implementation, > 65% of children had at least one **rotavirus diarrhea** illness by 5 years of age and **rotavirus** accounted for > 40% of all-cause **diarrhea** hospitalizations globally. Two live, oral **rotaviru ...**

**Rotavirus vaccine and diarrhea mortality: quantifying regional variation in effect size.**

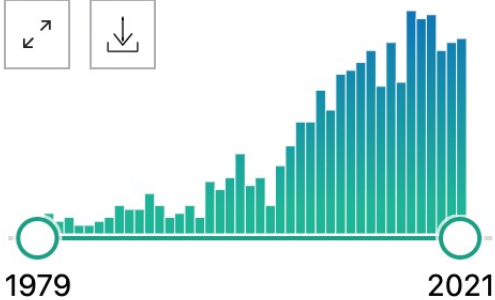
2 Fischer Walker CL, Black RE.

Cite BMC Public Health. 2011 Apr 13;11 Suppl 3(Suppl 3):S16. doi: 10.1186/1471-2458-11-S3-S16.

PMID: 21501433 **Free PMC article.** Review.

Share BACKGROUND: **Diarrhea** mortality remains a leading cause of child death and **rotavirus vaccine** an effective tool for preventing **severe rotavirus diarrhea**. ...The effect sizes observed for preventing **severe rotavirus diarrhea ...**

**Vaccines for preventing rotavirus diarrhoea: vaccines in use.**



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text



篩選全文

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

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



篩選文章類型

# 設定篩選條件

PUBLICATION DATE

- 1 year
- 5 years
- 10 years
- Custom Range



發表年代

Additional filters



更多篩選條件

ARTICLE TYPE

Child: birth-18 years

Adult: 19+ years

Newborn: birth-1 month

Young Adult: 19-24 years

SPECIES

Infant: birth-23 months

Adult: 19-44 years

Infant: 1-23 months

Middle Aged + Aged: 45+ years

LANGUAGE

Preschool Child: 2-5 years

Middle Aged: 45-64 years

SEX

Child: 6-12 years

Aged: 65+ years

Adolescent: 13-18 years

80 and over: 80+ years

JOURNAL

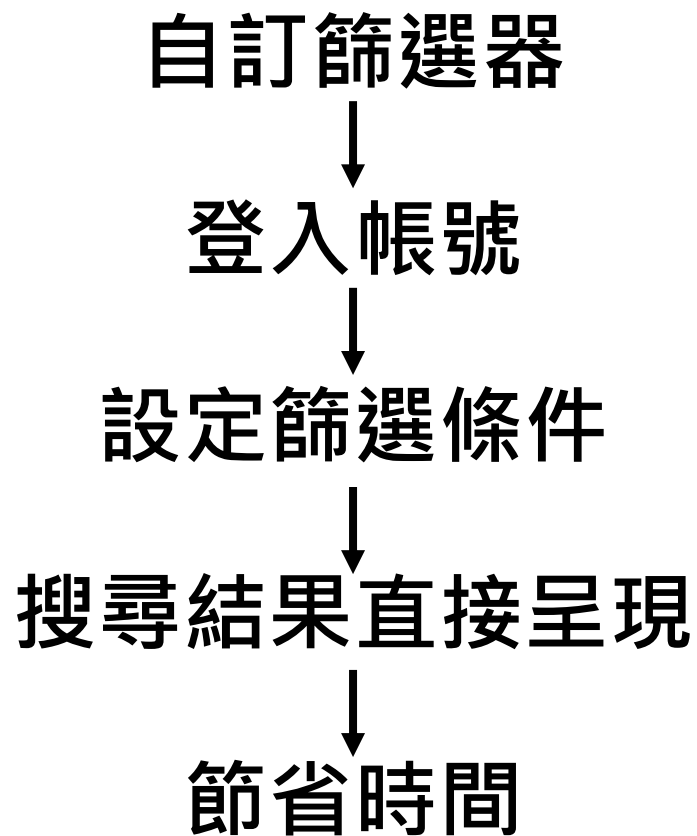
AGE



2個多月大的女嬰

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**All (842)**

clinical trial (66)

English & Humans (643)

Meta-analysis (16)

Randomized Controlled Trial  
(50)

Systematic Review (24)

Systematic Reviews (24)

Therapy/Broad (348)

Therapy/Narrow (60)

The Cochrane database of  
systematic reviews (6)

practice guideline (7)

– show fewer



# Pubmed 搜尋心法

## 關鍵字

---

不要想一步登天

P and I and C and O

---

依據搜尋結果調整

關鍵字校正

彈性調整  修正下一步策略

## 搜尋想法

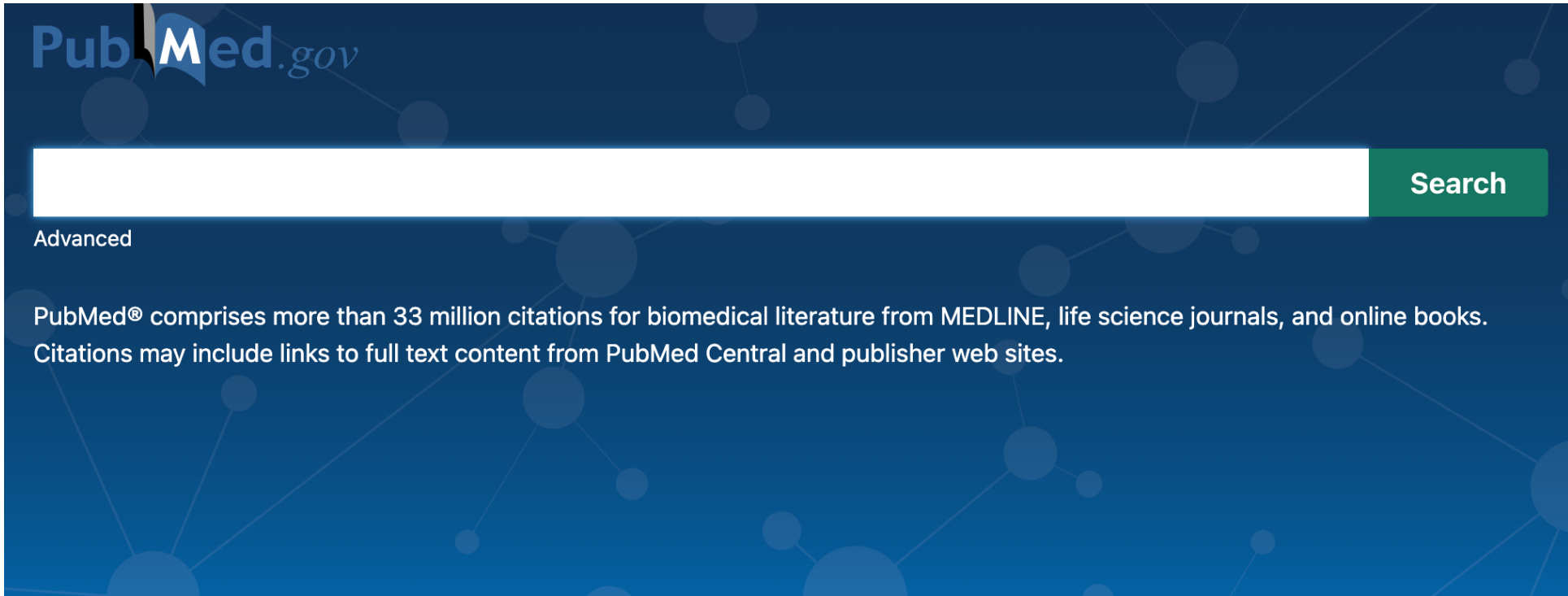
---

依據每次搜尋結果

1. 加入新關鍵字
  2. 使用篩選器
  3. 標題摘要快速掃瞄
- 

搜尋是需要時間的

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## PubMed Clinical Queries

This tool uses [predefined filters](#) to help you quickly refine PubMed searches on clinical or disease-specific topics. To use this tool, enter your search terms in the search bar and select filters before searching.

**Note:** The Systematic Reviews filter has moved; it is now an option under the "Article Type" filter on the main PubMed search results page.

**Filter category**

Clinical Studies  
 COVID-19

Clinical Queries filters were developed by [Haynes RB et al.](#) to facilitate retrieval of clinical studies.

**Filter** **臨床問題分類**

Therapy

See [Clinical Queries filter details.](#)

**Scope**

Broad

Returns more results: less specific, but more comprehensive. [See filter details.](#)

有時使用者希望將查詢範圍，限縮在**某些特定主題**的文獻，如醫師希望優先閱讀臨床的診斷、治療、預防方面的文獻，或證據等級較高的系統性評論文獻，這樣的需求，不是單純的具體目標查詢，而是**較具規模、系統性的篩選一個主題範圍**文獻，很難透過幾個簡單的關鍵字、或選定幾個 MeSH Terms 就搜尋這樣範圍的文獻，而是需要兼具領域知識的了解、文獻詞彙的掌握度、以及縝密的邏輯結合，才能下達正確有效的檢索指令，搜尋這種主題範圍性的文獻。

「Clinical Queries」即是**針對特定的主題需求，預先設計好的一串完整檢索指令，使用者可以套用這些現成指令，在 PubMed 中直接篩選出條件相符的文獻。**

例如，以下這是 [PubMed](#) 設計好用來檢索「**臨床治療**」主題文獻的指令：

```
((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials as topic[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading])
```

直接套用，若再加上其他關鍵詞，如：「Ritalin」、「ADHD」，就可以查詢「**以 Ritalin 治療 ADHD 在臨床方面**」的文獻了。

## Clinical Study :

分為多個不同層面，包含 Therapy(治療)、Diagnosis(診斷)、Etiology(病因)、Prognosis(預後)、Clinical prediction guides(臨床預測指南)。

The screenshot shows a search interface with a search bar at the top containing the text "Enter your search terms" and a blue "Search" button. Below the search bar, there are three filter sections: "Filter category" with radio buttons for "Clinical Studies" (selected) and "COVID-19"; "Filter" with a dropdown menu showing "Therapy" (selected) and other options like "Clinical Prediction Guides", "Diagnosis", "Etiology", and "Prognosis"; and "Scope" with a dropdown menu showing "Broad" and a note: "Returns more results: less specific, but more comprehensive. See filter details."

「Clinical Study Categories」下的每個層面都可再細分為「Broad」和「Narrow」，這是廣義和狹義的區別。「Broad」表示條件較鬆，找到的文獻量較多，但可能會撈到一些不是非常切合的文獻；「Narrow」表示條件較嚴格，找到的文獻量較少，但可較精準命中需求。

## Clinical Study Categories

The Clinical Study Categories search filters are based on the work of [Haynes RB et al.](#)

Category	Optimized for	Sensitive/Specific	PubMed equivalent
Therapy	sensitive/broad	99%/70%	((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials as topic[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading])
	specific/narrow	93%/97%	(randomized controlled trial[Publication Type] OR (randomized[Title/Abstract] AND controlled[Title/Abstract] AND trial[Title/Abstract]))
Diagnosis	sensitive/broad	98%/74%	(sensitiv*[Title/Abstract] OR sensitivity and specificity[MeSH Terms] OR diagnose[Title/Abstract] OR diagnosed[Title/Abstract] OR diagnoses[Title/Abstract] OR diagnosing[Title/Abstract] OR diagnosis[Title/Abstract] OR diagnostic[Title/Abstract] OR diagnosis[MeSH:noexp] OR (diagnostic equipment[MeSH:noexp] OR diagnostic errors[MeSH:noexp] OR diagnostic imaging[MeSH:noexp] OR diagnostic services[MeSH:noexp]) OR diagnosis, differential[MeSH:noexp] OR diagnosis[Subheading:noexp])

## COVID-19 article filters

The COVID-19 article filters limit retrieval to citations about the 2019 novel coronavirus; these filters may evolve over time.

Category	Filter name	PubMed equivalent
General	LitCGeneral	("COVID-19" OR "COVID-19"[MeSH Terms] OR "COVID-19 Vaccines" OR "COVID-19 Vaccines"[MeSH Terms] OR "COVID-19 serotherapy" OR "COVID-19 serotherapy"[Supplementary Concept] OR "COVID-19 Nucleic Acid Testing" OR "covid-19 nucleic acid testing"[MeSH Terms] OR "COVID-19 Serological Testing" OR "covid-19 serological testing"[MeSH Terms] OR "COVID-19 Testing" OR "covid-19 testing"[MeSH Terms] OR "SARS-CoV-2" OR "sars-cov-2"[MeSH Terms] OR "Severe Acute Respiratory Syndrome Coronavirus 2" OR "NCOV" OR "2019 NCOV" OR (("coronavirus"[MeSH Terms] OR "coronavirus" OR "COV") AND 2019/11/01[PDAT] : 3000/12/31[PDAT]))
		("COVID-19" OR "COVID-19"[MeSH Terms] OR "COVID-19 Vaccines" OR "COVID-19 Vaccines"[MeSH Terms] OR "COVID-19 serotherapy" OR "COVID-19 serotherapy"[Supplementary Concept] OR "COVID-19 Nucleic Acid Testing" OR "covid-19 nucleic acid testing"[MeSH Terms] OR "COVID-19 Serological Testing" OR "covid-19 serological testing"[MeSH Terms] OR "COVID-19 Testing" OR "covid-19 testing"[MeSH Terms] OR "SARS-CoV-2" OR "sars-cov-2"[MeSH Terms] OR "Severe Acute Respiratory Syndrome Coronavirus 2" OR "NCOV" OR "2019 NCOV" OR (("coronavirus"[MeSH Terms] OR "coronavirus" OR "COV") AND 2019/11/01[PDAT] : 3000/12/31[PDAT]))

		management [All Fields] OR infected patients [All Fields])
Forecasting	LitCForecasting	("COVID-19" OR "COVID-19"[MeSH Terms] OR "COVID-19 Vaccines" OR "COVID-19 Vaccines"[MeSH Terms] OR "COVID-19 serotherapy" OR "COVID-19 serotherapy"[Supplementary Concept] OR "COVID-19 Nucleic Acid Testing" OR "covid-19 nucleic acid testing"[MeSH Terms] OR "COVID-19 Serological Testing" OR "covid-19 serological testing"[MeSH Terms] OR "COVID-19 Testing" OR "covid-19 testing"[MeSH Terms] OR "SARS-CoV-2" OR "sars-cov-2"[MeSH Terms] OR "Severe Acute Respiratory Syndrome Coronavirus 2" OR "NCOV" OR "2019 NCOV" OR (("coronavirus"[MeSH Terms] OR "coronavirus" OR "COV") AND 2019/11/01[PDAT] : 3000/12/31[PDAT])) AND ("forecast*" [All Fields] OR "forecasted" [All Fields] OR "forecaster" [All Fields] OR "forecasters" [All Fields] OR "forecasting" [MeSH Terms] OR "forecasting" [All Fields] OR "forecast" [All Fields] OR "forecasts" [All Fields] OR "trends" [MeSH Subheading] OR "trends" [All Fields] OR "trend" [All Fields] OR "prediction" [All Fields])
		"post acute sequelae of Sars-CoV-2" OR ("PASC" AND ("COVID-19" OR "Sars-CoV-2")) OR "post acute

Search

**Filter category**

Clinical Studies

COVID-19

COVID-19 filters limit your search results to COVID-19 and SARS-CoV-2 related articles.

- General
- Mechanism
- Transmission
- Diagnosis
- ✓ Treatment
- Prevention
- Case Report
- Forecasting
- Long COVID

MeSH

MeSH

COVID

Advanced

Search

Help

Summary 20 per page

Send to:

## Search results

Items: 1 to 20 of 43

&lt;&lt; First &lt; Prev Page 1 of 3 Next &gt; Last &gt;&gt;

 COVID-19

點選主題詞

1. A viral disorder characterized by high FEVER; COUGH; DYSPNEA; CHILLS; PERSISTENT TREMOR; MUSCLE PAIN; HEADACHE; SORE THROAT; a new loss of taste and/or smell (see AGEUSIA and ANOSMIA) and other symptoms of a VIRAL PNEUMONIA. In severe cases, a myriad of coagulopathy associated symptoms often correlating with **COVID-19** severity is seen (e.g., BLOOD COAGULATION; THROMBOSIS; ACUTE RESPIRATORY DISTRESS SYNDROME; SEIZURES; HEART ATTACK; STROKE; multiple CEREBRAL INFARCTIONS; KIDNEY FAILURE; catastrophic ANTIPHOSPHOLIPID ANTIBODY SYNDROME and/or DISSEMINATED INTRAVASCULAR COAGULATION). In younger patients, rare inflammatory syndromes are sometimes associated with **COVID-19** (e.g., atypical KAWASAKI SYNDROME; TOXIC SHOCK SYNDROME; pediatric multisystem inflammatory disease; and CYTOKINE STORM SYNDROME). A coronavirus, **SARS-CoV-2**, in the genus BETACORONAVIRUS is the causative agent.  
Year introduced: 2021(2020)

 SARS-CoV-2

2. A species of BETACORONAVIRUS causing atypical respiratory disease (**COVID-19**) in humans. The organism was first identified in 2019 in Wuhan, China. The natural host is the Chinese intermediate horseshoe bat, RHINOLOPHUS affinis.  
Year introduced: 2021(2020)

 COVID-19 Serological Testing

3. Diagnosis of **COVID-19** by assaying bodily fluids or tissues for the presence antibodies specific to **SARS-COV-2** or its antigens.  
Year introduced: 2021

 COVID-19 Nucleic Acid Testing

4. Diagnosis of **COVID-19** by assaying bodily fluids or tissues for the presence of the VIRAL RNA of **SARS-COV-2**.  
Year introduced: 2021

## PubMed Search Builder

Add to search builder

AND

Search PubMed

YouTube Tutorial

## Find related data

Database: Select

Find items

## Search details

```
"sars-cov-2"[MeSH Terms] OR "covid-19"[MeSH Terms] OR covid[Text Word]
```

Search

See more...

## Recent Activity

Turn Off Clear

MeSH MeSH [input] Search Limits Advanced

Help

Full

Send to:

# COVID-19

A viral disorder generally characterized by high FEVER; COUGH; DYSPNEA; CHILLS; PERSISTENT TREMOR; MUSCLE PAIN; HEADACHE; SORE THROAT; a new loss of taste and/or smell (see AGEUSIA and ANOSMIA) and other symptoms of a VIRAL PNEUMONIA. In severe cases, a myriad of coagulopathy associated symptoms often correlating with COVID-19 severity is seen (e.g., BLOOD COAGULATION; THROMBOSIS; ACUTE RESPIRATORY DISTRESS SYNDROME; SEIZURES; HEART ATTACK; STROKE; multiple CEREBRAL INFARCTIONS; KIDNEY FAILURE; catastrophic ANTIPHOSPHOLIPID ANTIBODY SYNDROME and/or DISSEMINATED INTRAVASCULAR COAGULATION). In younger patients, rare inflammatory syndromes are sometimes associated with COVID-19 (e.g., atypical KAWASAKI SYNDROME; TOXIC SHOCK SYNDROME; pediatric multisystem inflammatory disease; and CYTOKINE STORM SYNDROME). A coronavirus, SARS-CoV-2, in the genus BETACORONAVIRUS is the causative agent.

Year introduced: 2021(2020)

PubMed search builder options  
[Subheadings:](#)

## 選擇次標題

- analysis
- anatomy and histology
- blood
- cerebrospinal fluid
- chemically induced
- classification
- complications
- congenital
- diagnosis
- diagnostic imaging
- diet therapy
- drug therapy
- economics
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- legislation and jurisprudence
- metabolism
- microbiology
- mortality
- nursing
- organization and administration
- pathology
- physiology
- physiopathology
- prevention and control
- psychology
- radiotherapy
- rehabilitation
- statistics and numerical data
- surgery
- therapy
- transmission
- urine
- veterinary

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Add to search builder AND

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### Related information

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

### Recent Activity

Turn Off Clear

- COVID-19 MeSH
- covid (43) MeSH
- Viral Vaccines MeSH





## Entry Terms:

- COVID 19
- COVID-19 Virus Disease
- COVID 19 Virus Disease
- COVID-19 Virus Diseases
- Disease, COVID-19 Virus
- Virus Disease, COVID-19
- COVID-19 Virus Infection
- COVID 19 Virus Infection
- COVID-19 Virus Infections
- Infection, COVID-19 Virus
- Virus Infection, COVID-19
- 2019-nCoV Infection
- 2019 nCoV Infection
- 2019-nCoV Infections
- Infection, 2019-nCoV
- Coronavirus Disease-19
- Coronavirus Disease 19
- 2019 Novel Coronavirus Disease
- 2019 Novel Coronavirus Infection
- 2019-nCoV Disease
- 2019 nCoV Disease
- 2019-nCoV Diseases
- Disease, 2019-nCoV
- COVID19
- Coronavirus Disease 2019
- Disease 2019, Coronavirus
- SARS Coronavirus 2 Infection
- SARS-CoV-2 Infection
- Infection, SARS-CoV-2

## All MeSH Categories

Diseases Category

Infections

Respiratory Tract Infections

**COVID-19**

## All MeSH Categories

Diseases Category

Infections

Respiratory Tract Infections

Pneumonia

Pneumonia, Viral

**COVID-19**

## All MeSH Categories

Diseases Category

Infections

Virus Diseases

Pneumonia, Viral

**COVID-19**

## All MeSH Categories

Diseases Category

Infections

Virus Diseases

RNA Virus Infections

Nidovirales Infections

Coronaviridae Infections

Coronavirus Infections

**COVID-19**

## All MeSH Categories

Diseases Category

Respiratory Tract Diseases

Lung Diseases

Pneumonia

Pneumonia, Viral

**COVID-19**

## 進行搜尋

Full ▾

Send to: ▾

### COVID-19

A viral disorder generally characterized by high FEVER; COUGH; DYSPNEA; CHILLS; PERSISTENT TREMOR; MUSCLE PAIN; HEADACHE; SORE THROAT; a new loss of taste and/or smell (see AGEUSIA and ANOSMIA) and other symptoms of a VIRAL PNEUMONIA. In severe cases, a myriad of coagulopathy associated symptoms often correlating with COVID-19 severity is seen (e.g., BLOOD COAGULATION; THROMBOSIS; ACUTE RESPIRATORY DISTRESS SYNDROME; SEIZURES; HEART ATTACK; STROKE; multiple CEREBRAL INFARCTIONS; KIDNEY FAILURE; catastrophic ANTIPHOSPHOLIPID ANTIBODY SYNDROME and/or DISSEMINATED INTRAVASCULAR COAGULATION). In younger patients, rare inflammatory syndromes are sometimes associated with COVID-19 (e.g., atypical KAWASAKI SYNDROME; TOXIC SHOCK SYNDROME; pediatric multisystem inflammatory disease; and CYTOKINE STORM SYNDROME). A coronavirus, SARS-CoV-2, in the genus BETACORONAVIRUS is the causative agent.

Year introduced: 2021(2020)

PubMed search builder options

[Subheadings:](#)

- |  |                                       |   |
|--|---------------------------------------|---|
| <input type="checkbox"/> analysis              | <input type="checkbox"/> enzymology   | <input type="checkbox"/> pathology              |
| <input type="checkbox"/> anatomy and histology | <input type="checkbox"/> epidemiology | <input type="checkbox"/> physiology             |
| <input type="checkbox"/> blood                 | <input type="checkbox"/> ethnology    | <input type="checkbox"/> physiopathology        |
| <input type="checkbox"/> cerebrospinal fluid   | <input type="checkbox"/> etiology     | <input type="checkbox"/> prevention and control |
| <input type="checkbox"/> chemically induced    | <input type="checkbox"/> genetics     | <input type="checkbox"/> psychology             |
| <input type="checkbox"/> classification        | <input type="checkbox"/> history      | <input type="checkbox"/> radiotherapy           |

#### PubMed Search Builder

"COVID-19" [Mesh]

Add to search builder

AND ▾

Search PubMed

 Tutorial

#### Related information

[PubMed](#)

[PubMed - Major Topic](#)

[Clinical Queries](#)

[NLM MeSH Browser](#)

#### Recent Activity

# RCT Filters: Pubmed

**Sensitivity-maximizing** version (2008 revision); PubMed format

#1 randomized controlled trial [pt]

#2 controlled clinical trial [pt]

#3 randomized [tiab]

#4 placebo [tiab]

#5 drug therapy [sh]

#6 randomly [tiab]

#7 trial [tiab]

#8 groups [tiab]

#9 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8

#10 animals [mh] NOT humans [mh]

#11 #9 NOT #10

Direct link to PubMed with [sensitivity-maximizing version](#) (2008 revision)

# RCT Filters: Pubmed

**sensitivity- and precision-maximizing** version (2008 revision); PubMed format

- #1 randomized controlled trial [pt]
- #2 controlled clinical trial [pt]
- #3 randomized [tiab]
- #4 placebo [tiab]
- #5 clinical trials as topic [mesh: noexp]
- #6 randomly [tiab]
- #7 trial [ti]
- #8 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7
- #9 animals [mh] NOT humans [mh]
- #10 #8 NOT #9

Direct link to PubMed with [sensitivity- and precision-maximizing version](#) (2008 revision)

# Embase

Embase可當成第一個搜尋資料庫...

檢索結果會是PubMed二倍以上

所以可便於修改搜尋

擬訂整體檢索策略



## 特定查詢(藥物/疾病/儀器)

Find articles by simple keyword search or build more complex queries

[Search tips](#) ↗

Broad search e.g. 'heart attack' AND stress



## 多欄位/PICO查詢

+ Add field

Limit to

[Reset form](#)

Show results

Display full query

Drug Disease

Find article  
more content

Broad search

多欄位/PICO查詢

+ Add field


### Add field

Search fields

- Broad search /br
- All fields free text
- Title :ti
- Title or Abstract :ab,ti
- Title, Abstract or Author keywords :ti,ab,kw
- Author keywords :kw
- Emtree term - exploded /exp
- Abstract :ab
- Affiliation :ff
- Article - start page :sp
- Author name :au
- CAS registry number :rn
- Clinical trial number :cn
- Conference name :nc
- Country of author :ca
- Country of journal :cy


# Find articles by simple keyword search or build more complex queries

[Search tips ↗](#)

Broad search e.g. 'heart attack' AND stress 

## 多欄位/PICO查詢

**Title** e.g. zika virus

OR 

'SARS-CoV-2 vaccine'



Title e.g. zika virus

child



 Add field  Limit to

 Reset form

Show results

Display full query



Find articles by simple keyword search or build

more complex queries

Full query ✕

`('SARS-CoV-2 vaccine'):ti AND ((child):ti)`

Show results

Copy query

Show results

Display full query

# Build your search using the PICO framework

[Search tips ↗](#)

Default strategy: [/exp](#) 

Population e.g. diabetes  
rotavirus|

## 字詞建議功能

<input checked="" type="radio"/> Rotavirus	15,344
<input checked="" type="radio"/> rotaviruses use: Rotavirus	15,344
<input checked="" type="radio"/> Rotavirus vaccine	6,291
<input checked="" type="radio"/> Rotavirus vaccine, live, oral use: Rotavirus vaccine	6,291
<input checked="" type="radio"/> Rotavirus vaccine, live, oral, pentavalent use: Rotavirus vaccine	6,291
<input checked="" type="radio"/> Rotavirus vaccines use: Rotavirus vaccine	6,291
<input checked="" type="radio"/> Rotavirus infection	4,684
<input checked="" type="radio"/> Rotavirus infections use: Rotavirus infection	4,684
<input checked="" type="radio"/> rotavirus, human use: Human rotavirus	1,025
<input checked="" type="radio"/> Rotavirus A	614





### Search terms in Emtree


Emtree

- anatomical concepts
- biological functions
- biomedical disciplines, science and art
- chemical, physical and mathematical phenomena
- chemicals and drugs
- diseases
- geographic names
- groups by age and sex
- health care concepts
- named groups of persons
- organisms
- procedures, parameters and devices
- society and environment

Default strategy: /exp 

Population e.g. diabetes

 Rotavirus vaccine /exp 

14 synonyms :all 

## 同義字功能

### 14 synonyms

for Rotavirus vaccine

Select all synonyms

Rotavirus vaccine

Rotavirus vaccine, live, oral

Rotavirus vaccine, live, oral, pentavalent

Rotavirus vaccines

pentavalent rotavirus vaccine

rix 4414

rix4414

rota virus vaccine

rotamune



# Build your search using the PICO framework

Default strategy: /exp ▾

Population e.g. diabetes

Rotavirus vaccine /exp

14 synonyms :all ▾



Explosion /exp



Searches your term (or maps to the preferred Emtree term) and related narrower or children terms

Major focus /mj

3,113

Index term /de

6,291

Explosion and Major focus /exp/mj

3,113

Explosion /exp

6,291

As broad as possible /br

6,830

✕ Remove synonyms

Remove term

## Results

請選取語言 ▼

#9 AND [embase]/lim NOT ([embase]/lim AND [medline]/lim) AND ([systematic review]/lim OR [meta analysis]/lim)

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 ▾
- Gender ▾
- Study types ▾

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

<input type="checkbox"/>	#11	#9 AND [embase]/lim NOT ([embase]/lim AND [medline]/lim) AND ([systematic review]/lim OR [meta analysis]/lim)	<b>Systematic review與meta analysis Filters</b>	313
<input type="checkbox"/>	#10	#9 AND [embase]/lim NOT ([embase]/lim AND [medline]/lim)	<b>限制純Embase</b>	28,816
<input type="checkbox"/>	#9	#7 AND #8	<b>P and O</b>	56,005
<input type="checkbox"/>	#8	#1 OR #2 OR #3 OR #4		694,647
<input type="checkbox"/>	#7	#5 OR #6		2,388,614
<input type="checkbox"/>	#6	classification.ti,ab,kw	<b>O自由</b>	467,902
<input type="checkbox"/>	#5	'classification'/exp OR classification	<b>O控制</b>	2,388,614
<input type="checkbox"/>	#4	polydactyly.ti,ab,kw OR abnormal.ti,ab,kw OR thumb.ti,ab,kw	<b>P自由</b>	694,647
<input type="checkbox"/>	#3	'polydactyly'/exp OR 'polydactylia' OR 'polydactylism' OR 'polydactylosyndactylism' OR 'polydactyly' OR abnormal OR 'finger'/exp OR 'digit of the hand' OR 'digitus manus' OR 'finger' OR 'finger movement' OR 'finger size' OR 'finger thickness' OR 'fingers' OR 'hand digit' OR 'thumb'/exp OR '1st digit of the hand' OR 'digitus primus manus' OR 'first digit of the hand' OR 'pollex' OR 'thumb' OR 'adial polydactyly'	<b>P控制</b>	694,647 ▼
<input type="checkbox"/>	#2	'abnormal finger' OR (abnormal AND ('finger'/exp OR finger))		
<input type="checkbox"/>	#1	'polydactyly'/exp OR polydactyly		5,597

Edit Email alert RSS feed

# 欄位決定相關性 以Embase為例

## 控制詞彙 Emtree

含狹義詞/exp

含狹義詞(major) /exp/mj

控制詞彙/de

控制詞彙(major) /mj

## 自由詞彙 Free Text

所有欄位:all

篇,摘,關鍵字,控制詞彙:ti ab,kw,de

篇名,摘要:ti, ab

篇名:ti



全都搜

精準搜

# RCT Filters: EMBASE

## Embase search strategy for finding RCTs in Embase<sup>1</sup>, amended to embase.com format

'crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR (random\* OR factorial\* OR crossover\* OR cross NEXT/1 over\* OR placebo\* OR doubl\* NEAR/1 blind\* OR singl\* NEAR/1 blind\* OR assign\* OR allocat\* OR volunteer\*):de,ab,ti

## Alternative Embase strategies<sup>2</sup> amended to embase.com format

sensitivity maximizing strategy

random\*:ab,ti OR (clinical NEXT/1 trial\*):de,ab,ti OR 'health care quality'/exp

specificity maximizing strategy

(double NEXT/1 blind\*):de,ab,ti OR placebo\*:ab,ti OR blind\*:ab,ti

best optimization of sensitivity and specificity\*

random\*:ab,ti OR placebo\*:de,ab,ti OR (double NEXT/1 blind\*):ab,ti

<https://work.cochrane.org/embase>

# 檢索小技巧 1

語法	PubMed	Ovid Medline	Embase	CENTRAL
切截字 (多字元)	act* 不可與"片語"並用	act* p*diatric 可與"片語"並用	act* p*diatric 可與"片語"並用	act* p*diatric p*diatric*
切截字 (單字元)		act? p?diatric ?0/1字元; # 0/1字元	act? p?diatric ?1字元; \$0/1字元	act? p?diatric ?ediatric ?0/1字元
精確片語	"back to sleep" 不可與切截並用	"back to sleep" 可與切截並用	"back to sleep" 'back to sleep'	"back to sleep"
鄰近字 (有次序)			high next/3 dose 隔2單字內	high next/2 dose 隔2單字內
鄰近字 (無次序)		high adj dose 隔2單字內	high near/3 dose 隔2單字內	high near/2 dose 隔2單字內



# 檢索小技巧 2

語法	PubMed	Ovid Medline	Embase	CENTRAL
Free-text	pain[ <b>tw</b> ] OR ache[ <b>tw</b> ]	(pain or ache). <b>mp</b>	("sore throat" or pain): <b>ti,ab,kw,de</b>	
	pain[ <b>tiab</b> ] OR ache[ <b>tiab</b> ]	(pain or ache). <b>tw</b>	("sore throat" or pain): <b>ti,ab,kw</b>	(pain or ache): <b>ti,ab,kw</b>
Controlled vocabulary (含/不含狹義 詞)	" pain" [ <b>mh</b> ]	<b>exp</b> "pain" /	"pain" / <b>exp</b>	[ <b>mh</b> "pain" ]
	" pain" [ <b>mh:noexp</b> ]	"pain" /	"pain" / <b>de</b>	[ <b>mh</b> ^ "pain" ]
Subheading	Surgery[ <b>sh</b> ] Surgery[ <b>sh:noexp</b> ]	su. <b>xs</b> su. <b>fs</b>	surgery: <b>lnk</b>	[ <b>mw/SU</b> ]



Trusted evidence.  
Informed decisions.  
Better health.

Title Abstract Keyword ▾

輸入關鍵字



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Clinical Answers ▾

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Help ▾

About Cochrane ▶



**We noticed your browser language is Traditional Chinese.**

You can select your preferred language at the top of any page, and you will see translated Cochrane Review sections in this language. Change to **Traditional Chinese.**



**Can ivermectin prevent or treat COVID-19?**

Read the Review



**De-implementation of low-value health care**

Read the Special Collection



**Low-value health care in the COVID-19 pandemic**

Read the Editorial

 **We noticed your browser language is Traditional Chinese.**

You can select your preferred language at the top of any page, and you will see translated Cochrane Review sections in this language. Change to **Traditional Chinese**. ✕

## Advanced Search

Search

Search manager

Medical terms (MeSH)

PICO search<sup>BETA</sup>

 Save search

 View saved searches

 Search help

Did you know you can now select fields from Search manager using the S ▾ button (next to the search box)?

Search manager lets you add unlimited search lines, view results per line and access the MeSH browser using the new MeSH ▾ button.

Title Abstract Keyword ▾

Rotavirus Vaccine

+

可使用多關鍵字組合

✕ Clear all

▾ Search limits

➔ Send to search manager

🔍 Run search

搜尋限制條件

## Advanced Search

Search

Search manager

Medical terms (MeSH)

PICO search<sup>BETA</sup>

Medical terms (MeSH)

Save this search

View saved searches

Search help

Print

+

-

+

#1

(Rotavirus Vaccine):ti,ab,kw

(Word variations have been searched)

S

Limits

684

組合不同次的搜尋

-

+

#2

Severe rotavirus diarrhea

Limits

132

可用編號進行AND/OR/NOT組合

-

+

#3

#1 and #2

Limits

86

-

+

#4

|Type a search term or use the S or MeSH buttons to compose

S

MeSH

Limits

N/A

Clear all

Highlight orphan lines

Save this search

View saved searches

Search help

# Cochrane Library 搜尋結果

Cochrane Reviews

2

Cochrane Protocols

0

Trials

82

Editorials

0

Special Collections

0

Clinical Answers

2

More

▼

## Filter your results

Date



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 ..... 1

Custom Range:

dd/mm/yyyy to dd/mm/yyyy

Apply

Clear

Language



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Show 8 more ▼

Type



Intervention ..... 2

2 Cochrane Reviews matching "#3 - #1 and #2"

Cochrane Database of Systematic Reviews

Issue 10 of 12, October 2021

Select all (2) Export selected citation(s) Show all previews

Order by Relevancy ▼

Results per page 25 ▼

1

### Vaccines for preventing rotavirus diarrhoea: vaccines in use

Karla Soares-Weiser, Hanna Bergman, Nicholas Henschke, Femi Pitan, Nigel Cunliffe

Intervention Review 28 October 2019 Open access

Hide PICOs <sup>BETA</sup> ▲ Show preview ▼

#### Population (3)

Infant

Child

Healthy

#### Intervention (1)

Rotavirus Vaccination

#### Comparison (2)

Vaccine

Placebo

#### Outcome (5)

Intussusception

All Cause Mortality

Serious Adverse Event

Diarrhoea Rotavirus

Diarrhea

2

### Rotavirus vaccine for preventing diarrhoea

Karla Soares-Weiser, Elad Goldberg, Ghandi Tamimi, Leonard Leibovici, Femi Pitan

Intervention Review 26 January 2004

Show preview ▼

瀏覽

進階檢索

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一般檢索 | 全文檢索 | 出版品檢索 |

所有欄位



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查詢歷史

肺結節 OR 肺部病變 OR 多發肺結節

術前定位 OR 術中定位 OR 定位

進階檢索

一般檢索

全文檢索

([ALL]:(肺結節 OR 肺部病變 OR 多發肺結節) AND [ALL]:(術前定位 OR 術中定位 OR 定位))

編輯

清除

肺結節 OR 肺部病變 OR 多發肺結節

所有欄位

AND

術前定位 OR 術中定位 OR 定位

所有欄位

AND

> > 增加查詢欄位

查詢

清除

搜尋語言： 所有文章  繁體中文  簡體中文  英文  其他語言

文獻類型： 所有類型  電子期刊  會議論文  碩博士論文  電子書

出版地區： 所有地區  台灣  中國  美國  其他地區

年代：

不限

2001 到 2022

可用半形逗號分隔年代，例如：2003,2005

電子全文： 不限  限有全文  單位已採購

每頁顯示筆數： 10  20  50

相關程度最高

## 背景問題

### 次級資料庫

- ① 簡單搜尋
- ② 整理好讀
- ③ 證據明確

## 前景問題

### 初級資料庫

- ① 複雜搜尋
- ② 資料新穎
- ③ 耗時費力



# 實證醫學文獻搜尋

## 關鍵字

自然語言  
控制詞彙

## 資料庫

面對問題時間  
面對問題類型  
解決問題目的

## 個別介紹

資料庫注意事項  
資料庫使用方式

# 課程滿意度調查

課程請選：

**實證醫學文獻搜尋**



謝謝  
大家

