

# Cochrane Library 资源的价值与应用

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## 目录:

1. **Cochrane及Cochrane Library整体介绍**
2. **Cochrane Library如何助力您的医学研究：以检索案例详解**
3. **Cochrane Library学习资源**

# Cochrane是谁？

由 50,000 多名研究人员、卫生专业人员、患者、护理人员以及热衷于改善各地所有人健康状况的人们组成的国际合作组织

他们的目标是确保全世界每天使用的治疗方法都是基于尽可能最好的知识，并经过独立评估和质量检查。

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已有 30 年历史



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## Cochrane Library是谁?

包含不同类型的高质量独立证据的数据集合,  
为医疗保健决策提供依据



# Cochrane Library资源与循证医学



# Cochrane Library

- **Cochrane系统评价数据库** (Cochrane Database of Systematic Reviews, CDSR)
  - +9200 Reviews
  - +2300 Protocols
- **Cochrane临床对照试验中心注册数据库** (Central Register of Controlled Trials, CENTRAL)
  - +2.1 Million articles
- **临床解答** (Cochrane Clinical Answers (CCA))
  - +3500
- **社论 Editorials** — +140
- **专题 Special Collections** — +20
- .....

以上内容在Cochrane Library中可一站式检索

# 什么是系统评价?

- 系统评价是指按照预先规定的标准收集所有的实验证据以回答一个特定的研究问题
- 系统评价用明确的、系统的方法来使偏倚最小化，因此能够为得出结论和指定决策提供更可靠的证据





# 为何需要系统评价?

- 需要依据信息来做正确的决策
- 但是, 信息泛滥
- 并且, 没有足够的时间



# 为何需要系统评价?

- 循证医学的概念
- 个体惊艳不一定可靠
- 单个研究不一定可靠
- 证据需要系统性的收集起来才是真实和可靠的
- 系统评价为治疗效果（和疾病诊断与预测准确性）提供了证据



# 系统评价数据库

## ( Cochrane Database of Systematic Reviews,CDSR )

- 每篇评价文章都针对一个明确的问题  
例如 抗生素能缓解喉咙痛的症状吗?
- 调查医疗环境中进行预防、治疗和康复干预的效果
- 使用严格的指南审查, 确定是否有关于某一特定治疗的结论性证据

# 临床对照试验中心注册数据库 (Central Register of Controlled Trials)

- 涵盖较广的随机对照试验数据库
- 包括随机和准随机对照试验。不包括在临床试验注册处注册的其他研究设计（如cohort studies）。
- 提供引文信息，包括从书目数据库和其他出版资源中提取的已发表文章的详细信息。这些记录包括文章的标题、发表地点的信息以及多数还有摘要
- 在Cochrane Library中，该部分不提供全文

# 临床对照试验中心注册数据库 (Central Register of Controlled Trials)

PubMed/MEDLINE

Embase

**Clinical Trial Registries**

ClinicalTrials.gov

**ICTRP**

**CINAHL (Cumulative Index of Nursing and Allied Health)** (new  
as of May 2020)

- Cochrane 评价小组的 Specialized Registers, 其中包括通过 handsearching 各种生物医学资料来源而确定的记录
- CENTRAL 是如何创建的?

# 临床解答

## Cochrane Clinical Answer (CCA)

CCA对将Cochrane Reviews的关键数据高度浓缩；Cochrane系统评价的结果进行了简明的总结，并提供了足够的基础数据

- ✓ 由临床医学编写，使临床医生更容易获得感兴趣的信息
- ✓ 问答形式的临床总结
- ✓ 就关键结果提供证据

Cochrane Clinical Answers

### Question:

**What evidence is available on unintended health and societal consequences of measures implemented in the school setting to contain the COVID-19 pandemic?**

Sera Tort, Agustín Ciapponi

13 June 2022

<https://doi.org/10.1002/cca.3980>

### Clinical Answer:

Reviewers performed a rapid scoping review to identify and describe the evidence available on unintended health and societal consequences of measures implemented in the school setting to contain the COVID-19 pandemic. Reviewers identified 18 studies (13 of which used quantitative methods) and described four intervention categories: measures to make contacts safer (14 studies); measures to reduce contacts (4 studies); surveillance and response measures in relation to SARS-CoV-2 infections (6 studies); and multicomponent measures (1 study). The most commonly reported outcomes were educational consequences (11 studies) and psychosocial outcomes (7 studies). This scoping review will inform subsequent rapid reviews on this topic. For information relating to scoping reviews, click [here](#).

### Comparisons

1. Measures implemented in the school setting to contain COVID-19 pandemic

Collapse All

OUTCOME 1.1 Physical health and health behavior outcomes, educational consequences, psychosocial outcomes, consequences for equity and equality, environmental consequences, socio-economic consequences

## CCA如何促进结果在临床实践中应用?

通常会将50多页的Cochrane系统评价全文浓缩为1-3页，采用交互式分层显示。将Cochrane Library评价全文中分散的关键数据集中起来：

- Population （患者或治疗人群）
- Intervention （治疗）
- Comparison （对照）
- Outcome （结果总结）

### Question:

## How do angioplasty and stenting compare for the treatment of iliac artery stenosis?

Jane Burch, Dane Gruenebaum  
| 23 December 2015

### Clinical Answer

**Randomized controlled trials suggest that outcomes after primary percutaneous transluminal angioplasty (PTA) and stenting are similar in people with iliac artery stenosis or occlusion. However, participant numbers were small and trials were undertaken some years ago and the populations eligible for treatment and the treatment options given may not reflect those in current clinical practice.**


In people with iliac artery stenosis of at least 5 cm or occlusion, there were no apparent differences between groups in symptom improvement (3 months to 2 years), number of people with symptom resolution (3 months to 8 years), target vessel patency (1 to 8 years) or the need for re-intervention (2 to 8 years), when primary PTA was compared with primary stenting. Results for ankle-brachial index (ABI) showed no consistent pattern across time points (3 months to 8 years); only the 2-year analysis detected a difference between groups in favor of primary PTA. Most of the participants had moderate to severe claudication (II and III on the 0 to VI Rutherford classification), therefore the results are most likely to reflect this group.

There are several limitations to these data. Firstly, revascularization is no longer considered a first-line option in some healthcare systems in people with a Rutherford classification of less than III. Secondly, given the age of the trials, bare metal stents would have been used; drug eluting stents are now also used to treat peripheral vascular disease. Thirdly, one of the two included trials was stopped early due to a higher rate of distal embolization in the PTA group. Fourthly, the proportion of participants with diabetes ranged from 5% to 16%, hypertension from 20% to 28% and dyslipidemia from 24% to 53%, which may be healthier than the population who would be eligible for revascularization in clinical practice Finally, all the analyses would have been affected by a lack of power due to the small numbers of participants, making detection of a difference between groups unlikely, even if one was present.

### Comparisons

1. Primary percutaneous transluminal angioplasty versus primary stenting

Expand All »

 Cite this Answer



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### Related

Clinical Answer derived from

Answer

Comparisons

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Figures

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- 单击“展开”功能，可查看详细信息：临床问题、临床解答、对照






# Cochrane Library如何助力您的 医学研究—检索案例




# Cochrane Library 主页面

**功能栏**  **Cochrane**  
Library

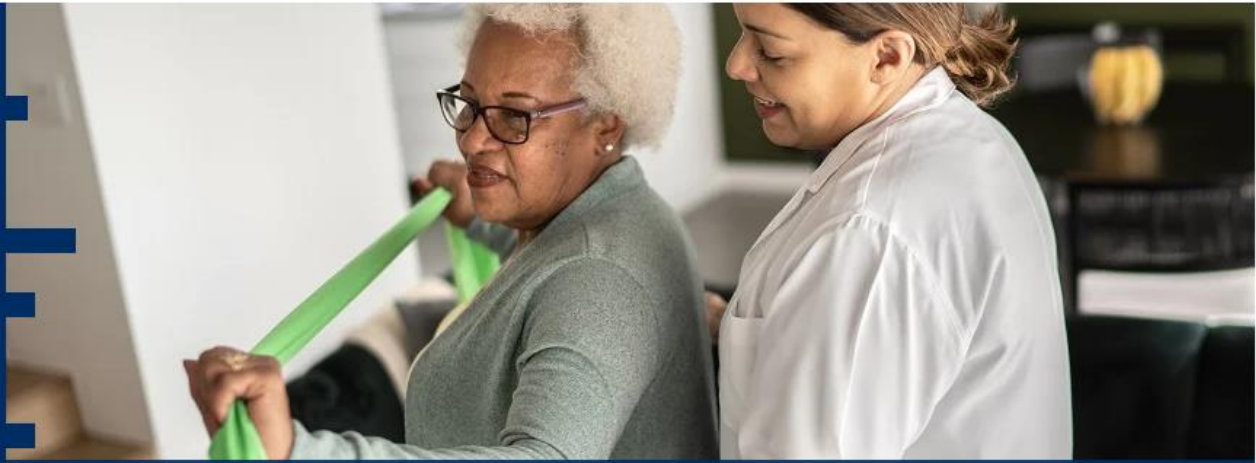
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**Mobility training in frail older people**  
Read the Review



**Asthma: digital interventions**  
Read the Review



**Anaemia in cancer patients**  
Read the Review

访问途径：直接访问：<http://www.cochranelibrary.com/>

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Read the Review

**Antidepressants for arthritis**

Read the Review

**Point-of-care biomarker tests**

Read the Review

**Exercise for acutely hospitalised older medical patients**

Peter Hartley, Jennifer L Keating, Kimberley J Jeffs, Melissa JM Raymond, Toby O Smith

10 November 2022





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[Read the Review](#)



**Antidepressants for arthritis**  
[Read the Review](#)



**Point-of-care biomarker tests**  
[Read the Review](#)

[Highlighted Reviews](#)[Editorials](#)[Special Collections](#)

## Exercise for acutely hospitalised older medical patients

Peter Hartley, Jennifer L Keating, Kimberley J Jeffs, Melissa JM Raymond, Toby O Smith

10 November 2022



# Browse浏览

## Browse by Topic

Browse Cochrane Reviews, Protocols and Clinical Answers.

[🔔 Set email alerts](#)

### a

Allergy & intolerance

### b

Blood disorders

### c

Cancer

Child health

Complementary & alternative medicine

Consumer & communication strategies

### d

Dentistry & oral health

Developmental, psychosocial & learning problems

Diagnosis

### e

Ear, nose & throat

Effective practice & health systems

Endocrine & metabolic

### g

Gastroenterology & hepatology

Genetic disorders

Gynaecology

### h

Health & safety at work

Health professional education

Heart & circulation

### i

Infectious disease

Insurance medicine

### k

Kidney disease

### l

Lungs & airways

### m

Mental health

### n

Neonatal care

Neurology

### o

Orthopaedics & trauma

### p

Pain & anaesthesia

Pregnancy & childbirth

Public health

### r

Reproductive & sexual health

Rheumatology

### s

Skin disorders

### t

Tobacco, drugs & alcohol

### u

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各证据型数据访问入口



**Support for breastfeeding**

Read the Review

推荐的系统评价/社论/专题合集

Highlighted Reviews

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**Exercise for acutely hospitalised older medical patients**

Peter Hartley, Jennifer L Keating, Kimberley J Jeffs, Melissa JM Raymond, Toby O Smith

10 November 2022



**Antidepressants for arthritis**

Read the Review




**Point-of-care biomarker tests**

Read the Review









## 基本检索—以糖尿病 “diabetes mellitus” 为例检索示范

 **Cochrane**  
Library

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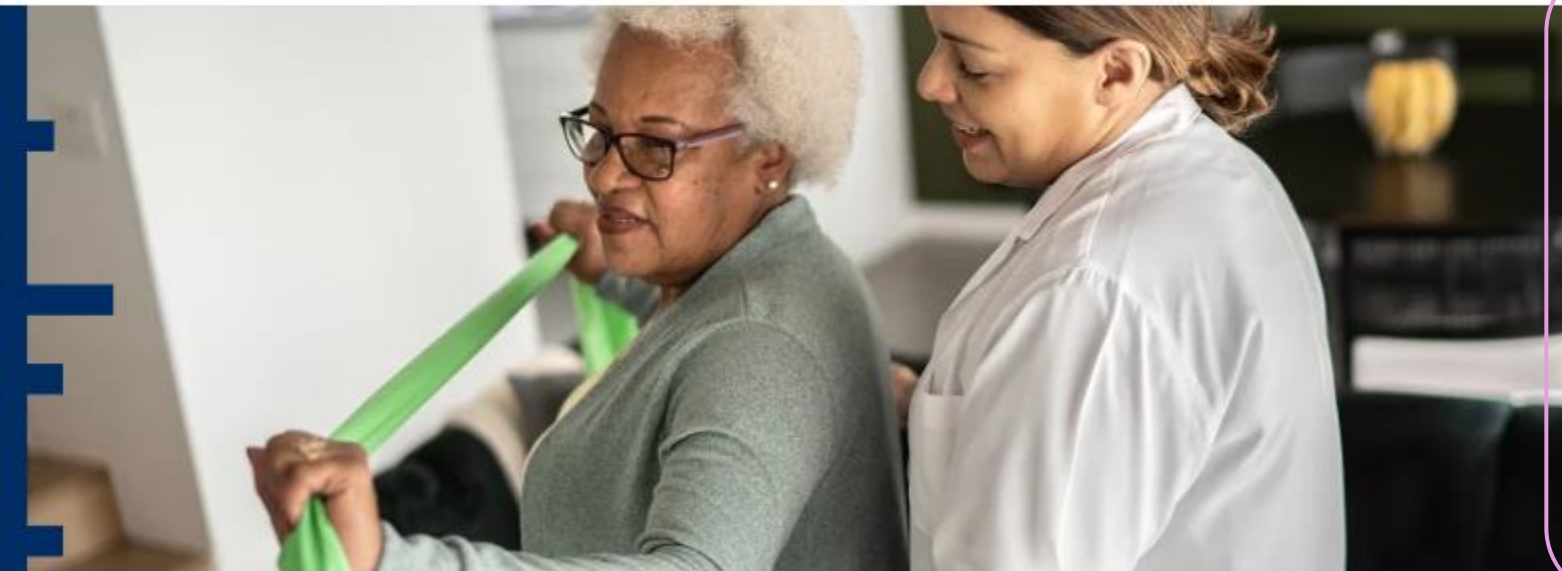
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Title Abstract Keyword  

Browse Advanced search

Cochrane Reviews ▾ Trials ▾ Clinical Answers ▾ About ▾ Help ▾

About Cochrane ▶




**Mobility training in frail older people**  
Read the Review

Title Abstract Keyword  
Record Title  
Abstract  
Author  
Keyword  
All Text  
Publication Type  
Source  
DOI  
Accession Number  
Trial Registry Number  
Cochrane Group  
Cochrane Topic

**interventions**  
Read the Review


**Anaemia in cancer patients**  
Read the Review

# 检索结果

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EnglishEnglishEnglish


Title Abstract Keyword "diabetes mellitus" 

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## 筛选结果

Filter your results

Date 

Publication date

The last 3 months ..... 1



The last 6 months ..... 2

The last 9 months ..... 8


The last year ..... 10

The last 2 years ..... 25

Custom Range:

 dd/mm/yyyy to  dd/mm/yyyy

Apply Clear

Status 

New search ..... 34

Conclusions changed ..... 12

## 证据类型和检索结果数量

Cochrane Reviews 202	Cochrane Protocols 28	Trials 71546	Editorials 2	Special Collections 0	Clinical Answers 42	More ▾
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**202 Cochrane Reviews matching "diabetes mellitus" in Title Abstract Keyword**

Cochrane Database of Systematic Reviews  
Issue 7 of 12, July 2022

☐ Select all (202) Export selected citation(s) Show all previews

Order by Relevancy ▾ Results per page 25 ▾

- ☐ **Ayurvedic treatments for diabetes mellitus**  
Kalpana Sridharan, Roshni Mohan, Sridharan Ramaratnam, Deepak Panneerselvam  
Intervention Review 7 December 2011  
[Show PICO's ▾](#) [Show preview ▾](#)
- ☐ **Non-nutritive sweeteners for diabetes mellitus**  
Szimonetta Lohner, Daniela Kuellenberg de Gaudry, Ingrid Toews, Tamas Ferenci, Joerg J Meerpohl  
Intervention Review 25 May 2020  
[Show PICO's ▾](#) [Show preview ▾](#)
- ☐ **Screening for type 2 diabetes mellitus**  
Nasheetta Peer, Yusenhta Balakrishna, Solange Durao  
Intervention Review 29 May 2020



# 对检索结果筛选—Cochrane Reviews

文章发表或添加到  
Cochrane  
Reviews的日期



## Filter your results

### Date i

#### Publication date

The last 3 months .....	1
The last 6 months .....	2
The last 9 months .....	8
The last year .....	10
The last 2 years .....	25

#### Custom Range:

 dd/mm/yyyy to  dd/mm/yyyy

Apply

Clear

### Status i

New search .....	34
Conclusions changed .....	12

提供多语言版本

## Available Translations i

Español .....	191
Français .....	129
Bahasa Malaysia .....	120
فارسی .....	97
日本語 .....	95
Deutsch .....	74
Русский .....	62
Hrvatski .....	61
简体中文 .....	57
Polski .....	42
繁體中文 .....	35
Português .....	27
한국어 .....	26
ภาษาไทย .....	22
தமிழ் .....	19

Show 14 less ▲

## Review Type i

Intervention .....	195
Overview .....	3
Prognosis .....	2
Diagnostic .....	1
Prototype .....	1

不同主题分类

## Topics i

+ Endocrine & metabolic .....	126
+ Child health .....	39
+ Pregnancy & childbirth .....	34
+ Complementary & alternative medicine .....	28
+ Heart & circulation .....	22
+ Insurance medicine .....	15
+ Kidney disease .....	12
+ Wounds .....	11
+ Skin disorders .....	10
+ Neurology .....	10
+ Gastroenterology & hepatology .....	8
+ Reproductive & sexual health .....	8
+ Consumer & communication strategies ...	7
+ Effective practice & health systems .....	6

状态：最新检索或  
结论改变

侧重不同类型

## 对检索结果筛选—CENTRAL

### 初次发表年份

Filter your results

Year i

Year first published

2022	1872
2021	4853
2020	5078
2019	5040
2018	4792

Custom Range:

yyyy to yyyy

Apply Clear

### 收录到CENTRAL 的日期

Date i

Date added to CENTRAL trials database

The last 3 months	1191
The last 6 months	2497
The last 9 months	3820
The last year	5092
The last 2 years	11121

Custom Range:

dd/mm/yyyy to dd/mm/yyyy

Apply Clear

### 限制来源

Source i

Embase	36798
PubMed	30181
CT.gov	9900
ICTRP	6862
CINAHL	557

### 提供多语言版本

Language i

English	82983
Chinese	775
German	506
Persian	251
Russian	219

Show 32 more ▼

## 对检索结果筛选—CCA

### 收录到CCA的日期

#### Filter your results

##### Date

###### Publication date

The last 3 months ..... 2



The last 6 months ..... 2

The last 9 months ..... 2

The last year ..... 2

The last 2 years ..... 13

###### Custom Range:

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Apply

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### 不同主题分类

#### Topics

+ Endocrine & metabolic ..... 39

+ Child health ..... 12

+ Insurance medicine ..... 11

+ Complementary & alternative medicine . 6

+ Pregnancy & childbirth ..... 3

+ Heart & circulation ..... 3

+ Public health ..... 2

## 高级检索



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Title Abstract Keyword ▾

"diabetes mellitus"



高级检索

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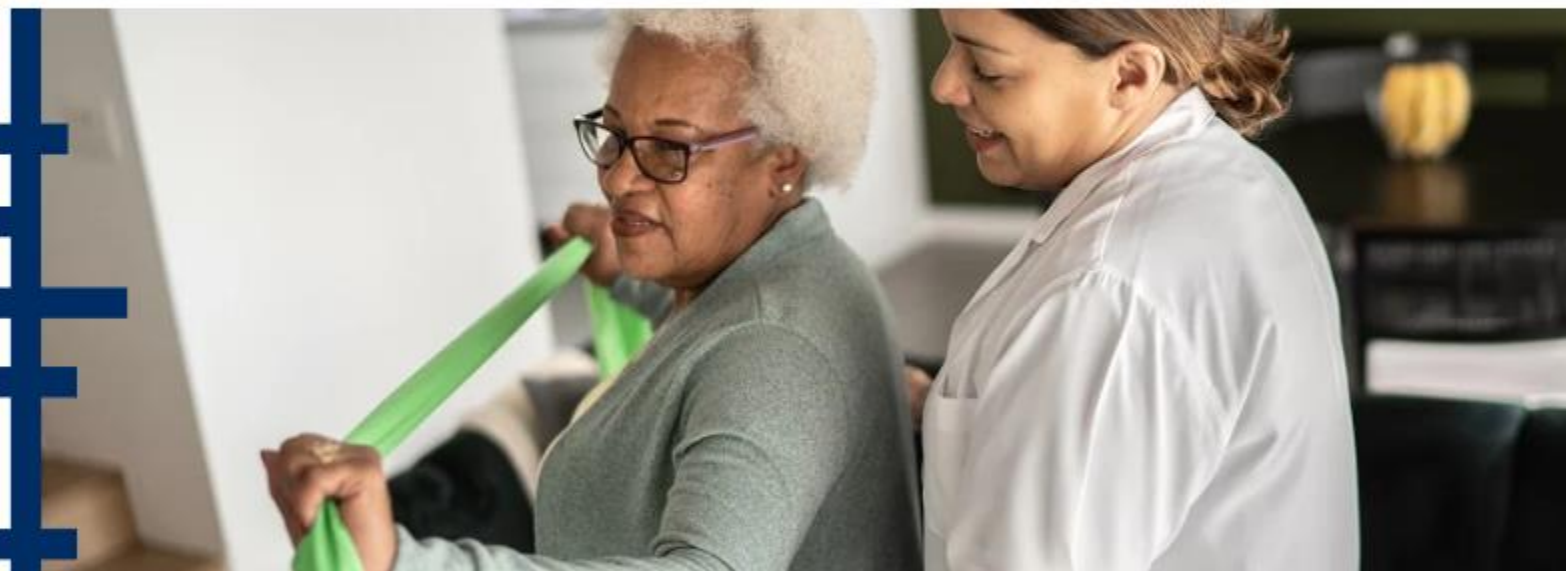
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# 高级检索

## Advanced Search

Search

Search manager

Medical terms (MeSH)

PICO search

1

3

2

4

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

"diabetes mellitus"

(Word variations have been searched)

+

Search limits

Send to search manager

Run search

Clear all

## 1. Search

检索

## 2. Medical Terms (MeSH)

医学主题词检索

## 3. Search Manager

检索管理器

## 4. PICO Search

PICO检索

每个检索选项均可查看对应的检索结果

Filter your results

Date

Publication date

The last 3 months..... 1

The last 6 months..... 2

The last 9 months..... 8

The last year ..... 10

The last 2 years ..... 25

Custom Range:

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to

dd/mm/yyyy

Cochrane Reviews 202

Cochrane Protocols 28

Trials 71546

Editorials 2

Special Collections 0

Clinical Answers 42

More

202 Cochrane Reviews matching "diabetes mellitus" in Title Abstract Keyword - (Word variations have been searched)

Cochrane Database of Systematic Reviews

Issue 7 of 12, July 2022

Select all (202)

Export selected citation(s)

Show all previews

Order by 

Relevancy

Results per page 

25

1

Ayurvedic treatments for diabetes mellitus

Kalpana Sridharan, Roshni Mohan, Sridharan Ramaratnam, Deepak Panneerselvam

Intervention Review 7 December 2011

Show preview

# 1.Search—输入自由词

## Advanced Search

- 限制检索条件
- 添加至检索管理器
- 查看结果
- 保存检索

[Search](#)[Search manager](#)[Medical terms \(MeSH\)](#)[PICO search](#)[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)?

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Title Abstract Keyword ▾

(Word variant

[Clear all](#)

Title Abstract Keyword

Record Title

Abstract

Author

Keyword

All Text

Publication Type

Source

DOI

Accession Number

Trial Registry Number

Cochrane Group

Cochrane Topic


限定字段出处


[Search limits](#)[Send to search manager](#)[Run search](#)


# 1.Search—限制条件


## Advanced Search

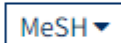
**Search** Search manager Medical terms (MeSH) PICO search

 Save search

 View saved searches

 Search help

Did you know you can now select fields from Search manager using the  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  button.


Title Abstract Keyword ▼


"diabetes mellitus"


(Word variations have been searched)



 Search limits

 Send to search manager

 Run search

 Clear all



# 1.Search—限制条件

## Search limits

### Content type

- ☐ Cochrane Reviews
- ☐ Cochrane Protocols
- ☐ Trials
- ☐ Clinical Answers
- ☐ Editorials
- ☐ Special Collections

限定内容类型

### Cochrane Library publication date

- ☒ All dates
- ☐ The last month
- ☐ The last 3 months
- ☐ The last 6 months
- ☐ The last 9 months
- ☐ The last year
- ☐ The last 2 years
- ☐ Between Jan ▼ YYYY and Jan ▼ YYYY

限定日期

限定Trials原始发表年份

### CENTRAL Trials only Original publication year

- ☐ All years
- ☐ Between YYYY and YYYY

- ☒ **Search word variations**  
(e.g. "paid" will find pay, pays, paying, payed)

默认检索异形词，通过该选项关闭

### Cochrane Group

Choose Cochrane Group ▼

Acute Respiratory Infections  
Airways  
Anaesthesia  
Back and Neck  
Bone, Joint and Muscle Trauma  
Breast Cancer  
Child Health  
Childhood Cancer

限定评价小组

Clear

Apply limits



# 1.Search—组合检索

## Advanced Search

[Search](#)[Search manager](#)[Medical terms \(MeSH\)](#)[PICO search](#)[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.

—	All Text ▼	*
—	OR ▼	Title Abstract Keyword ▼ Type a search term
—	NOT ▼	Title Abstract Keyword ▼ Type a search term
—	AND ▼	Title Abstract Keyword ▼ Type a search term

(Word variations have been searched)

[+](#)[✕ Clear all](#)

将检索条件添加到检索管理器

[Search limits](#)[→ Send to search manager](#)[Run search](#)

# 1.Search—保存检索

## Advanced Search

[Search](#)[Search manager](#)[Medical terms \(MeSH\)](#)[PICO search](#)[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 ▼

(Word variations have been searched)

[+](#)[Search limits](#)[Send to search manager](#)[Run search](#)[Clear all](#)

### Saved searches

[×](#)

You have 1 saved search

1 "diabetes mellitus" in Title Abstract Keyword *(Word variations have been searched)* Last saved: 03/08/2022 15:13

☐ e-mail alert[Run](#)[Export](#)[Delete](#)

## 2.医学主题词(MeSH)检索

### Advanced Search

Search

Search manager

Medical terms (MeSH)

PICO search

View saved searches

Search help

Did you know the MeSH browser features are also available on the Search manager tab by selecting the **MeSH** button?  
Search manager lets you add unlimited search lines, view results per line, and select fields using the **S** button (next to the search box).

Forensic Anthropology|

Select subheadings / qualifiers

Look up

Clear

Forensic Anthropology

Forensic Ballistic

Forensic Ballistics

Forensic Dentistry

Forensic Entomology

Forensic Genetic

Forensic Genetics

Forensic Medicine

查看结果

输入检索词，  
自动提示相关主题词  
列表，从中选择

输入检索词，自动提示副主  
题词列表，如需搭配副主题  
词检索，可从中选择单个或  
多个副主题词

## 2.查看MeSH结果

- 添加到检索管理器
- 查看结果
- 保存MeSH检索

### Thesaurus Matches

**Exact Term Match**  
**Forensic Anthropology**  
Synonyms: Human Identification; Human Identifications; Identifications, Human; Identification, Human; Anthropology, Forensic

**Phrase Matches**  
**Forensic Anthropology**  
Synonyms:

**Any Word Match**  
**Forensic Anthropology**  
Synonyms: Human Identification; Human Identifications; Identifications, Human; Identification,

### MeSH Trees

MeSH term - **Forensic Anthropology** **设置MeSH是否扩展**

☒ Explode all trees  
☐ Single MeSH term (unexploded)

☐ Explode selected trees **Select**

**Tree number 1**  
Social Sciences [+17]  
  Anthropology [+3]  
    Anthropology, Physical [+4]  
      Craniology  
      Forensic Anthropology  
    Paleontology [+5]  
    Body Remains

**Tree number 2**  
Social Sciences [+17]  
  Criminology [+3]

### Search Results

There are **5** results for your search on

- MeSH descriptor: Forensic Anthropology
- Explode all trees

**Add to search manager** **添加到检索管理器**

Trials	5
Cochrane Reviews	0

**Save search** **保存检索**  
**View results** **浏览结果**

## 哪些资源支持MeSH索引

证据型子数据库名称	是否支持MeSH索引
Cochrane Reviews	支持，新的系统评价在发表后的6个月会编入索引
Cochrane Protocols	不支持
Trials	Pubmed articles: 支持 Ct.gov and ICTRP: 支持 Embase/Handsearch: 不支持
Cochrane Clinical Answers	不支持



### 3.检索管理器

#### Advanced Search

- 创建和编辑检索
- 命名并保存检索
- 查看和分享保存的检索
- 可无限添加检索行
- 每个检索栏都可查看对应结果

支持现有的各检索语法：  
布尔逻辑运算  
嵌套  
截词  
字段标签  
组合检索

Search

Search manager

Medical terms (MeSH)

PICO search

Save this search

View/Share saved searches

Search help

糖尿病

Last saved on: 04/08/2022 16:20:53

View fewer lines

Print search history

+									
-	+	#1	MeSH descriptor: [Diabetes Mellitus] explode all trees	MeSH	35497				
-	+	#2	ins*or FIN or Human ins*	Limits	194948				
-	+	#3	INSULIN ASPARTA or spart or Novolog or asparaginylin insulin	Limits	95				
-	+	#4	#1 and #2	Limits	7527				
-	+	#5	#1 and #3	Limits	59				
-	+	#6	#1 and #2 and #3	Limits	26				
-	+	#7	mh "diabetes mellitus"	Limits	932				
-	+	#8	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/Share saved searches

Search help

## 4.什么是PICO?

PICO从设定的临床情境开始，建构一个与案例相关的问题来制定的检索策略

- **Population or Patient or Problem** (患者人群)

患者或人群的特征是什么，比如某个年龄段的患者，或者患有特定疾病的人群

- **Intervention**(诊断介入)

对该患者或人群考虑的干预措施是什么——例如药物或手术干预?

- **Comparison**(对照)

有什么可以替代干预的方法呢? 例如，另一种药物、安慰剂、或标准治疗方案

- **Outcome**(结果)

结果是什么?

## 4.PICO检索

### Advanced Search

[Search](#)[Search manager](#)[Medical terms \(MeSH\)](#)[PICO search](#)[About](#)[? Search help](#)

Enter a search term and select a PICO vocabulary term from the dropdown

[Lookup ▼](#)

☒ Population  
☐ Outcome

[+](#)[Clear All](#)[Run search](#)

输入检索词，并从出现的下拉列表中选择相应的词

选择PICO对应的元素或者按默认选择

运行检索



## 4.构建复杂的PICO检索-案例

Step1: 形成PICO问题

临床问题:

一位慢性肾病患者, 他最近被诊断出患有心房颤动, 有患中风和血栓的风险。

这位患者应该口服抗凝剂来预防中风或心梗吗?

有其他治疗, 比如华法林来对比其预防效果吗?

——是否有证据可以比较华法林与抗凝剂对预防中风或心梗的治疗效果?

Step2: 确认PICO每个元素的关键词

- P(患者或人群): Atrial fibrillation (房颤) 和 Chronic kidney Disease(慢性肾病)
- I (治疗): Anticoagulant therapy(抗凝治疗)
- C (对照): Warfarin(华法林)
- O(结果): Stroke(中风)或Myocardial Infarction(心肌梗死)

## 4. PICO检索案例

### Advanced Search

[Search](#)[Search manager](#)[Medical terms \(MeSH\)](#)[PICO search](#)[About](#)[? Search help](#)

Enter a search term and select a PICO vocabulary term from the dropdown

<input type="button" value="-"/>		Atrial Fibrillation	房颤	<input type="button" value="Lookup"/>	<input checked="" type="radio"/> Population <input type="radio"/> Outcome
<input type="button" value="-"/>	AND	Chronic Kidney Disease	慢性肾病	<input type="button" value="Lookup"/>	<input checked="" type="radio"/> Population <input type="radio"/> Outcome
<input type="button" value="-"/>	AND	Anticoagulant therapy	抗凝治疗	<input type="button" value="Lookup"/>	<input type="radio"/> Population <input checked="" type="radio"/> Intervention <input type="radio"/> Comparison <input type="radio"/> Outcome
<input type="button" value="-"/>	AND	Warfarin	华法林	<input type="button" value="Lookup"/>	<input type="radio"/> Intervention <input checked="" type="radio"/> Comparison <input type="radio"/> Outcome
<input type="button" value="-"/>	AND	Stroke	中风	<input type="button" value="Lookup"/>	<input type="radio"/> Population <input checked="" type="radio"/> Outcome
<input type="button" value="-"/>	OR	Myocardial Infarction	心肌梗死	<input type="button" value="Lookup"/>	<input type="radio"/> Population <input checked="" type="radio"/> Outcome
<input type="button" value="+"/>					

## 4.PICO检索结果

Filter your results

**Population**

Condition

Chronic Kidney Disease..... 1

Atrial Fibrillation..... 1

**Intervention / Comparison**

Intervention Name

Anticoagulant therapy..... 1

High-level Intervention Classification

Pharmacological Interventions..... 1

**Outcome**

Outcome Name

All Cause Mortality..... 1

Systemic embolic event..... 1

Stroke..... 1

Myocardial Infarction..... 1

Gastrointestinal Bleeding..... 1

Minor Bleed..... 1

Major Bleed..... 1

Intracranial Hemorrhage..... 1

High-level Outcome Classification

Physiological or clinical..... 1

Mortality..... 1

Cochrane Reviews  
1

**1 results matching 'Population "Atrial Fibrillation" AND "Chronic Kidney Disease" AND Intervention "Anticoagulant therapy" AND Comparison "Warfarin" AND Outcome ( "Stroke" OR "Myocardial Infarction" )'**  
13, July 2022

☐ Select all (1)   Export selected citation(s)   Show all PICOs

Order By Relevancy   Results per page 25

1 ☐ **Direct oral anticoagulants versus warfarin for preventing stroke and systemic embolic events among atrial fibrillation patients with chronic kidney disease**  
Hide PICOs 06 November 2017

<b>Population (6)</b> Infant <input type="checkbox"/> Adult <input type="checkbox"/> Aged (65+) <input type="checkbox"/> Child <input type="checkbox"/> Atrial Fibrillation <input type="checkbox"/> Chronic Kidney Disease <input type="checkbox"/>	<b>Intervention (2)</b> Anticoagulant therapy <input type="checkbox"/> Oral <input type="checkbox"/>	<b>Comparison (1)</b> Warfarin <input type="checkbox"/>	<b>Outcome (8)</b> Intracranial Hemorrhage <input type="checkbox"/> Myocardial Infarction <input type="checkbox"/> Stroke <input type="checkbox"/> Major Bleed <input type="checkbox"/> All Cause Mortality <input type="checkbox"/> Minor Bleed <input type="checkbox"/> Gastrointestinal Bleeding <input type="checkbox"/> Systemic embolic event <input type="checkbox"/>
--	--	--	--

## 4.优化PICO检索结果

Enter a search term and select a PICO vocabulary term from the dropdown

Diabetes Mellitus

Lookup ▼

☒ Population  
☐ Outcome

+

Clear All

Run search

使用PICO筛选器优化结果

Filter your results

Population

Condition

Type 2 Diabetes Mellitus..... 33

Diabetes Mellitus..... 30

Pregnancy..... 21

Gestational Diabetes Mellitus..... 18

Type 1 Diabetes Mellitus..... 17

Diabetic Foot Ulcer..... 10

Hypertension..... 5

Diabetic Neuropathy..... 4

Cardiovascular disease..... 3

Foot Ulcer..... 3

Cochrane Reviews  
97

97 results matching '**Population** "Diabetes Mellitus"'

15, April 2023

☐ Select all (97)   Export selected citation(s)   Show all PICOs

Order By   Relevancy ▼

Results per page   25 ▼

- 1 ☐ | 'Human' insulin versus animal insulin in people with diabetes mellitus  
ShowPICOs ▼   01 January 2005
- 2 ☐ | Culturally appropriate health education for people in ethnic minority groups with type 2 diabetes mellitus  
ShowPICOs ▼   04 September 2014
- 3 ☐ | Tramadol for neuropathic pain in adults  
ShowPICOs ▼   15 June 2017
- 4 ☐ | Phototherapy for treating foot ulcers in people with diabetes  
ShowPICOs ▼   28 June 2017

**Filter your results****Population****Condition**

Pregnancy.....	21
Gestational Diabetes Mellitus.....	16
Diabetes Mellitus.....	5
Pre-existing Diabetes Mellitus In Pregna...	2
Impaired Glucose Tolerance.....	2
Impaired Glucose Tolerance Resolved.....	1
Type 1 Diabetes Mellitus.....	1
Type 2 Diabetes Mellitus.....	1
Single Pregnancy.....	1
Pre-existing Type 1 Diabetes Mellitus.....	1

[Show all](#)Cochrane Reviews  
21**21** results matching '**Population "Diabetes Mellitus" AND "Pregnancy"**'

15, April 2023

☐ [Select all \(21\)](#) [Export selected citation\(s\)](#) [Show all PICOs](#)Order By [Relevancy](#) ▼Results per page [25](#) ▼**1** ☐ **Exercise for pregnant women with pre-existing diabetes for improving maternal and fetal outcomes**[Hide PICOs](#) ▲ 21 December 2017**Population (5)**

Adult ☒

Child ☒

Type 2 Diabetes Mellitus ☒

Pregnancy ☒

Type 1 Diabetes Mellitus ☒

**Intervention (2)**

Usual Care ☒

Physical exercise ther... ☒

**Comparison (2)**

Usual Care ☒

Physical exercise ther... ☒

**Outcome (9)**

Perinatal Death ☒

Stillbirth ☒

Neonatal Death ☒

Sensory Disability ☒

Cesarean Section ☒

Infant Death ☒

Morbidity Index ☒

Hypertension Associa... ☒

[Show more](#)

选择Show PICOs, 选择新字段进行新检索

## 导出引文

Cochrane Reviews  
21

**21 results matching 'Population "Diabetes Mellitus" AND "Pregnancy"'**  
30, November 2021

☒ **Select all (21)**   [Export selected citation\(s\)](#)   [Hide all PICOs](#)

Order By Relevancy ▼ Results per page 25 ▼

1 ☒

**Different intensities of glycaemic control for women with gestational diabetes mellitus**  
[Hide PICOs](#) ▲ 07 April 2016

**Population (4)**  
Adult ☒  
Child ☒

**Intervention (1)**  
Management O... ☒

**Comparison (1)**  
Management O... ☒

**Outcome (8)**  
Hypertension ☒  
Type 2 Diabetes... ☒



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用户指南

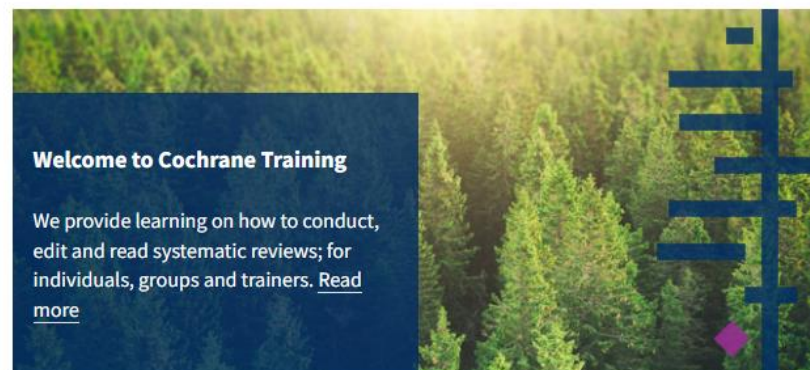
User Guide (Traditional Chinese)

参考指南

User Guide (Simplified Chinese)



# Cochrane培训



## Welcome to Cochrane Training

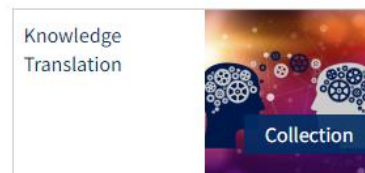
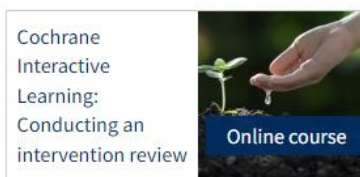
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## Training news and updates

\*New\* learning resource: *Cochrane Evidence Essentials* now available in Spanish

\*New\* clinical vignettes: *Strategies for using topical corticosteroids (TCS) in children and adults with eczema*

\*New\* webinar: *Moving data from Covidence to RevMan – the advantages of a standardised data package*

Upcoming webinar: *Developing an effective 'Overview of included studies and syntheses' table* \*MSU web clinic\*

\*New\* recording: *Using GRADEpro to perform a*

<https://training.cochrane.org/>



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## Contact me

如需了解更多Cochrane Library,  
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