

系統性回顧研究之 文獻搜尋方法

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2025-5更新, 如需引用本教材, 請註明出處

檢索路數大不同

證據產出者
Evidence Maker



High Sensitivity

- Systematic Review
- Scoping/Umbrella Review
- Practice Guideline

VS

證據使用者
Evidence User



High Specificity

- 臨床應用/養成
- 競賽: 查證/臨床
- 一般文獻查證

善用資料庫，探勘與聚焦題目

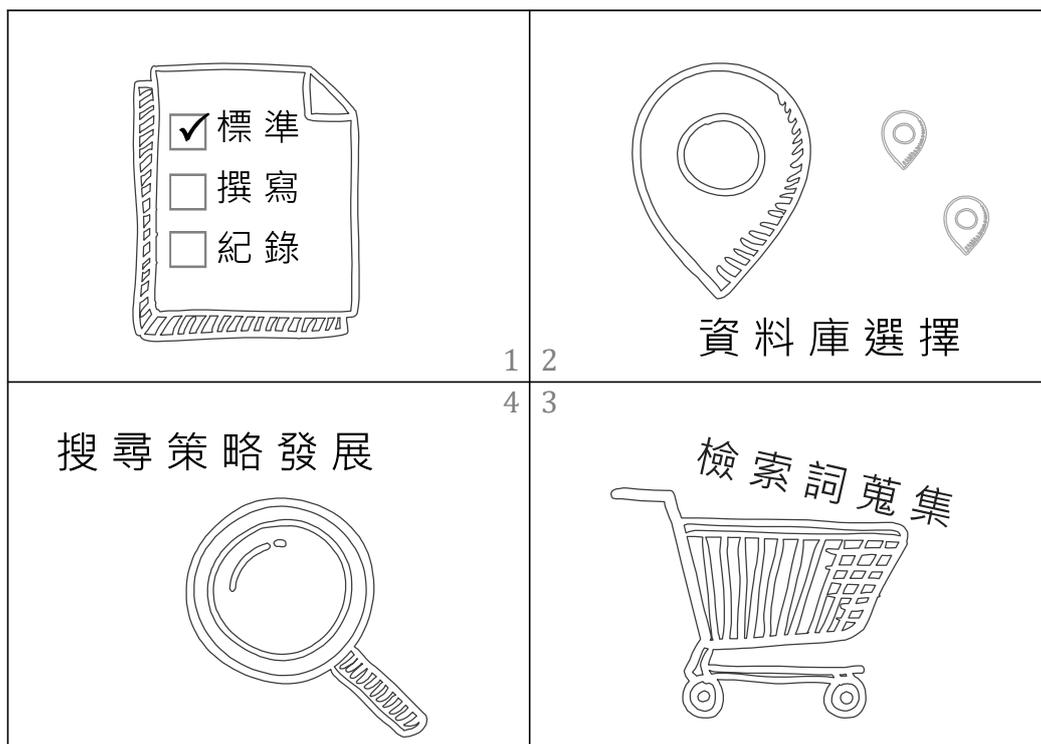
- 有已發表的SR？

Search in Title:

"systematic review" OR "scoping review" OR "meta analysis" OR "umbrella review"

- 可納入研究數量？
- 適合納入的研究設計類型？
⇒ Level of Evidence: RCT, Cohort Study, Case-control study...
- 聚焦題目方向 (PICO的調整)

3



6



研究標準 / 聖經

- **Cochrane Handbook**
for Systematic Reviews of Interventions
- **MECIR** Methodological Expectations for Cochrane Intervention Reviews
Standards for the CONDUCT [new Cochrane Intervention Reviews](#)
Standards for **REPORTING of PROTOCOLS** of new Cochrane Intervention Reviews
Standards for **REPORTING** of new Cochrane Intervention Reviews
Standards for planning, conduct and reporting of **UPDATES** of Cochrane Intervention Reviews
- **PRISMA Statement**

MECIR

Standards for the CONDUCT of new Cochrane Intervention Reviews

14 items / 75 items

<https://community.cochrane.org/mecir-manual/key-points-and-introduction/versions-and-changes-mecir>

資訊來源

Standard	Rationale and elaboration	Mandatory
C24 Searching general bibliographic databases and CENTRAL		Mandatory
Search the Cochrane Review Group's (CRG's) Specialized Register (internally, e.g. via the Cochrane Register of Studies or CENTRAL, MEDLINE (e.g. via PubMed) and Embase (if Embase is available to either the CRG or the review author), have been searched (either for the review or for the Review Group's Specialized Register).	Searches for studies should be as extensive as possible in order to reduce the risk of publication bias and to identify as much relevant evidence as possible. The minimum databases to be covered are the CRG's Specialized Register (if it exists and was available to either the CRG or the review author), Embase (if Embase is available to either the CRG or the review author). Expertise may be required to avoid unnecessary duplication of effort. Some, but not all, reports of eligible studies from MEDLINE, Embase and the CRG's Specialized Registers are already included in CENTRAL. See <i>Handbook</i> Section 4, 4.3.1.1	
C25 Searching specialist bibliographic databases		Highly desirable
Search appropriate national, regional and subject-specific bibliographic databases.	Searches for studies should be as extensive as possible in order to reduce the risk of publication bias and to identify as much relevant evidence as possible. Databases relevant to the review (e.g. LILACS for nursing-related topics, PsycINFO for psychological interventions), and regional databases (e.g. LILACS) should be considered. See <i>Handbook</i> Section 4, 4.3.1.4	
C26 Searching for different types of evidence		Mandatory
If the review has specific eligibility criteria around study design to address adverse effects, economic	Sometimes a review will address questions about adverse effects, economic issues or qualitative research using a different set of eligibility criteria from the main (effectiveness) component. searches may need to be conducted for different types of evidence. See <i>Handbook</i> Section 4, 4.4.1	

搜尋關鍵資料庫 (CENTRAL、Medline、Embase)

搜尋國家、區域、主題性書目資料庫

搜尋不同研究類型的證據 (副作用、經濟評估)

C27 Searching trials registers		Mandatory
Methodological Expectations of Cochrane Intervention Reviews (MECIR)		
Search trials registers and repositories of results, where relevant to the topic, through ClinicalTrials.gov, the WHO International Clinical Trials Registry Platform (ICTRP) portal and other sources as appropriate.	Searches for studies should be as extensive as possible in order to reduce the risk of publication bias and to identify as much relevant evidence as possible. Although ClinicalTrials.gov is included as one of the registers within the WHO ICTRP portal, it is searched separately due to additional features in ClinicalTrials.gov. See <i>Handbook</i> Section 4, 4.3.3	
C28 Searching for grey literature		Highly desirable
Search relevant grey literature	Searches for studies should be as extensive as possible in order to reduce the risk of publication bias and to identify as much relevant evidence as possible. See <i>Handbook</i> Section 4, 4.3.5	
C29 Searching within other reviews		Highly desirable
Search within previous reviews on the same topic.	Searches for studies should be as extensive as possible in order to reduce the risk of publication bias and to identify as much relevant evidence as possible. See <i>Handbook</i> Section 4, 4.3.5	
C30 Searching reference lists		Mandatory
Check reference lists in included studies, reference lists in systematic reviews and reference lists in other Cochrane reviews.	Searches for studies should be as extensive as possible in order to reduce the risk of publication bias and to identify as much relevant evidence as possible. See <i>Handbook</i> Section 4, 4.3.5	
C31 Searching by contacting relevant individuals and organizations		Highly desirable
Contact relevant individuals and organizations to identify unpublished or ongoing studies.	Searches for studies should be as extensive as possible in order to reduce the risk of publication bias and to identify as much relevant evidence as possible. This is important to identify ongoing unpublished or ongoing studies.	

搜尋臨床試驗登記 (ClinicalTrials.gov、ICTRP)

搜尋灰色文獻 (報告、學位論文、會議摘要)

搜尋相同主題的評論性文章

確認納入研究和相關SR的參考書目清單

聯繫相關個人或機構以取得未出版或進行中研究

MECIR

搜尋策略

C32 Structuring search strategies for bibliographic databases		Mandatory
Methodological Expectations of Cochrane Intervention Reviews (MECIR)		
Inform the structure of search strategies in bibliographic databases.	Inappropriate or inadequate search strategies may fail to identify records that are included in bibliographic databases. The structure of a search strategy should be based on the main concepts being examined in a review. In a study design, in structuring the search, maximize sensitivity whilst identify studies for a Cochrane Review will typically have three	
C33 Developing search strategies for bibliographic databases		Mandatory
Identify appropriate controlled vocabulary (e.g. MeSH, Emtree, including 'exploded' terms) and free-text terms (considering, for example, spelling variants, synonyms, acronyms, truncation and proximity operators).	Inappropriate or inadequate search strategies may fail to identify records that are included in bibliographic databases. Search strategies need to be customized for each database. It is important that MeSH terms are 'exploded' wherever appropriate, in order not to miss relevant articles. The same principle applies to Emtree when searching Embase and also to a number of other databases. The controlled vocabulary search terms for MEDLINE	
C34 Using search filters		Highly desirable
Use specially designed and tested search filters where appropriate including the Cochrane Highly Sensitive Search Filters (CHSSFs).	Inappropriate or inadequate search strategies may fail to identify records that are included in bibliographic databases. Search filters should be used with caution. They should be assessed not effectiveness given the frequent interface and indexing changes affecting databases. See <i>Handbook</i> Section 4, 4.4.7	

結構化的搜尋策略 (PICO、研究設計、高敏感度與合理精確性、布林邏輯)

發展搜尋策略: 採用適當控制詞彙 (MeSH、Emtree, 包含其狹義詞), 以及自由詞彙 (拼音變化、同義詞、縮寫、切截、鄰近字等)

使用特定篩選語法 (例篩選MEDLINE RCT)

C35 Restricting database searches		Mandatory
Justify the use of any restrictions in the search strategy on publication date and publication format.	Date restrictions in the search should only be used when there are date restrictions in the eligibility criteria for studies. They should be applied only if it is known that relevant studies could only have been reported during a specific time period, for example if the date of entry into the database (rather than date of publication) to avoid duplication of effort. Publication format restrictions (e.g. exclusion of letters) should generally not be used in Cochrane Reviews, since any information about an eligible study may be of value. See <i>Handbook</i> Section 4, 4.4.5	
C36 Documenting the search process		Mandatory
Document the search process in enough detail to ensure that it can be reproduced.	The search process (including the sources searched, when, by whom, and using which terms) needs to be documented in enough detail to ensure that it can be reproduced. See <i>Handbook</i> Section 4, 4.5	
C37 Rerunning searches		Mandatory
Rerun or update searches for all relevant sources within 12 months before publication of the review or review update, and screen the results.	The published review should be as up to date as possible. The search must be rerun close to publication, if the initial search date is more than 12 months (preferably six months) from the intended publication date, and the results screened for potentially eligible studies. See <i>Handbook</i> Section 4, 4.4.10	
C38 Incorporating findings from rerun searches		Highly desirable
Fully incorporate any studies identified in rerun searches into the review before publication of the review or review update.	The published review should be as up to date as possible. After the search, the decision whether to incorporate any new findings into the review will need to be balanced against the delay in publication. See <i>Handbook</i> Section 4, 4.4.10	

解釋採用限制條件 (例日期或出版品類型) 的理由

完整紀錄搜尋過程, 確保過程可再重複

發表前重新或更新搜尋

更新搜尋之研究發現合併

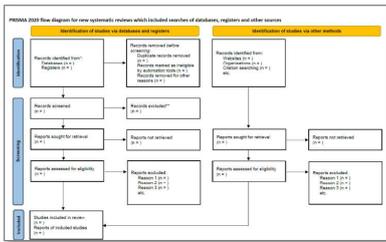
PRISMA 2020 Statement

Preferred Reporting Items for Systematic Reviews and Meta-analyses

- 作者
- 期刊編輯/同儕審查
- 讀者

促進系統性文獻回顧之研究與撰寫的品質，使進行過程能透明與完整地報告

PRISMA Flow Diagram



PRISMA Checklist

Section	Item #	Check item	Completed
TITLE AND ABSTRACT	1	Provide the number of records screened and selection process, from the number of records identified in the search to the number of records included in the review (using a flow diagram).	
	2	The number that might appear to meet the inclusion criteria, but which were excluded, and explain why they were excluded.	
	3	Provide a rationale for the search for each included study.	
	4	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	5	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	6	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	7	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	8	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	9	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	10	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
INTRODUCTION	11	Provide a rationale for the search for each included study.	
	12	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	13	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	14	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	15	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	16	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	17	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	18	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	19	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	20	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
METHODS	21	Provide a rationale for the search for each included study.	
	22	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	23	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	24	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	25	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	26	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	27	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	28	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	29	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	30	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
RESULTS	31	Provide a rationale for the search for each included study.	
	32	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	33	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	34	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	35	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	36	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	37	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	38	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	39	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	40	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
DISCUSSION	41	Provide a rationale for the search for each included study.	
	42	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	43	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	44	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	45	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	46	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	47	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	48	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	49	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	
	50	For all references screened for eligibility, specify whether they met the inclusion criteria and, if not, which criteria were not met.	

27 items in 7 sections:
Title, Abstract,
Introduction, Methods,
Results, Discussions,
Other Information

EXTENSIONS

- PRISMA for Abstracts
- PRISMA for Acupuncture
- PRISMA for Diagnostic Test Accuracy
- PRISMA for EcoEvo
- PRISMA Equity
- PRISMA Harms (for reviews including t
- PRISMA Individual Patient Data
- PRISMA for Network Meta-Analyses
- PRISMA for Protocols
- PRISMA for Scoping Reviews
- PRISMA for Searching
- Extensions in development

PRISMA Checklist 文獻搜尋/篩選相關的4個檢核項目

Topic	#	Check item	Location where item is reported
METHODS			
Information Sources 資訊來源	6	Specify all databases, registers, websites, organisations, reference lists and other sources searched or consulted to identify studies. Specify the date when each source was last searched or consulted.	p.xx line xx
Search Strategy 檢索策略	7	Present the full search strategies for all databases, registers and websites, including any filters and limits used.	suppl.x
Selection Process 篩選過程	8	Specify the methods used to decide whether a study met the inclusion criteria of the review, including how many reviewers screened each record and each report retrieved, whether they worked independently, and if applicable, details of automation tools used in the process.	
RESULTS			
Study Selection 研究篩選	16a	Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow diagram.	
	16b	Cite studies that might appear to meet the inclusion criteria, but which were excluded, and explain why they were excluded.	

撰寫 #6 Information Sources

Methods

Data Sources and Searches

The conduct of this systematic review complied with the PRISMA Statement to ensure transparent and complete reporting. Seven databases were searched for relevant randomized controlled trials (RCTs), from their inception dates to August 2019: MEDLINE (through the Ovid interface, including epub ahead of print, in-process, and other nonindexed citations), Embase, Cochrane CENTRAL, Scopus, and World Health Organization International Clinical Trials Registry Platform (ICTRP), CNKI (China National Knowledge Infrastructure), and Wanfang Med Online. The reference lists of eligible articles were reviewed to identify additional studies for possible inclusion. We also established e-mail alerts to identify newly released studies from the different databases, which fell within the scope of our review.

Specify **all databases, registers**, websites, organisations, **reference lists** and other sources searched or **consulted** to identify studies. Specify the **date** when each source was last searched or consulted.

檢索日期起訖
資料庫+介面
試驗註冊 / 未出版

參考文獻與被引用檢索

新文通報 或 更新檢索

Study and data extraction

A total of 612 potential articles were identified from the seven databases.... For studies with only conference abstracts available, we contacted the authors to confirm the complete data.....

聯繫作者

<https://doi.org/10.1080/13697137.2019.1664460>

PRISMA Checklist #7 Search Strategy

Methods

Data sources and search strategy

The key concepts – hot flush, menopause symptoms, breast cancer, and acupuncture – used in the search included their 78 synonyms in total and controlled vocabulary (12 Emtree terms, 11 MeSH terms, etc.). We applied highly sensitive search filters to identify RCTs. The supplementary online appendix 1 displays the full search strategy.

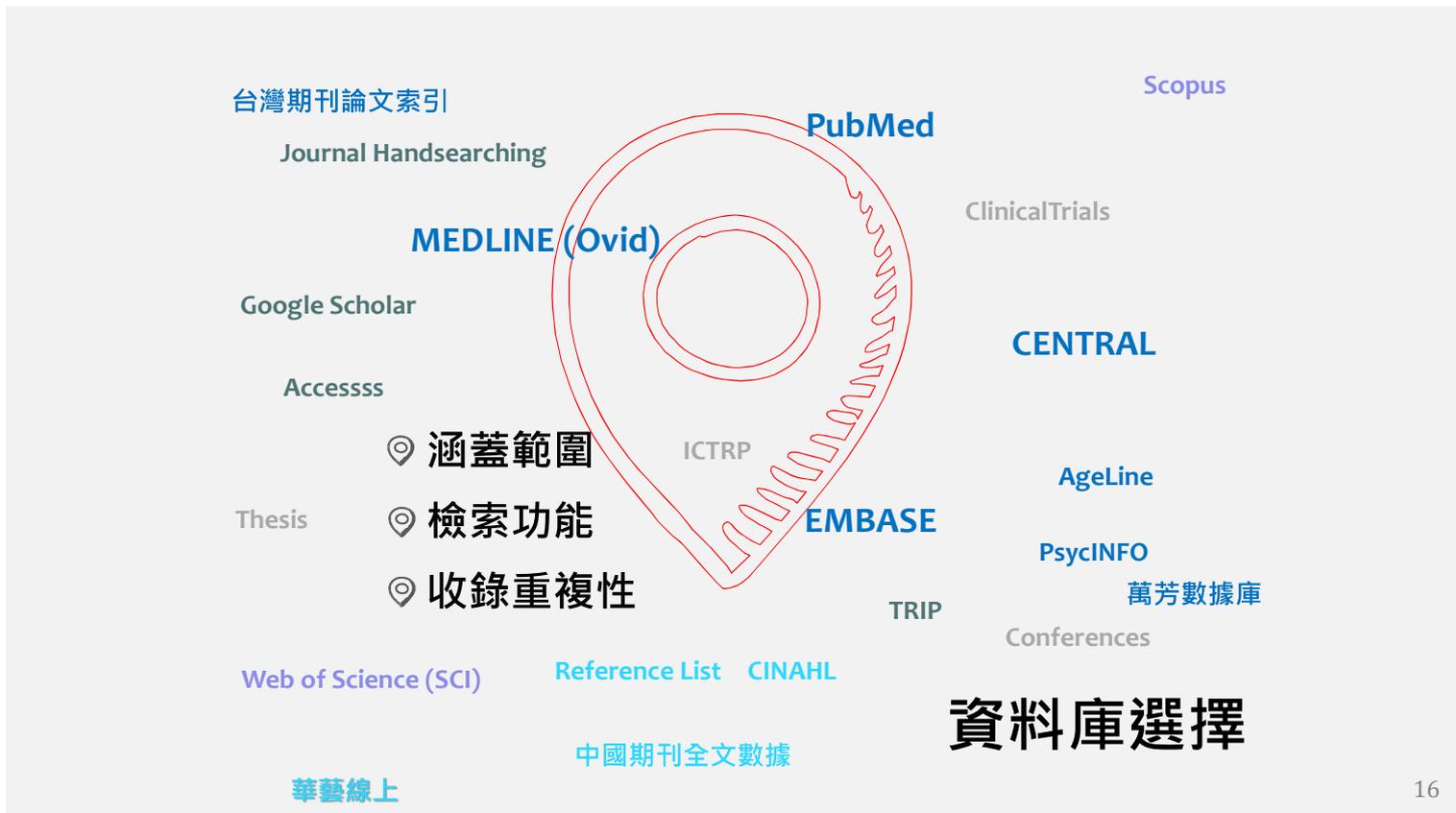
<https://doi.org/10.1080/13697137.2019.1664460>

科學研究可重複性原則

Present the **full search strategies for all** databases, registers and websites, including any **filters** and **limits** used.

Database	#	Search syntax	Citations found
1) Embase	1	"hot flush"/exp OR "vasomotor disorder"/exp OR "night sweat"/exp	
	2	(flush* OR ((hot OR night* OR nocturnal*) NEAR/5 (flash* OR sweat*)) OR vasomotor):ti,ab,kw,de	
	3	"menopause and climacterium"/exp OR "menopause related disorder"/de OR "menopausal syndrome"/exp OR "premature ovarian failure"/exp OR "anovulation"/exp	
	4	(climacter* OR menopause* OR premenopause* OR perimenopause* OR postmenopause* OR pre-menopause* OR peri-menopause* OR post-menopause* OR (mens NEAR/3 cessat*) OR (ovarian NEAR/3 (fail* OR cessat* OR absen*)) OR anovulation*):ti,ab,kw,de	
	5	"breast tumor"/exp	
	6	((breast OR mamma*) NEAR/11 (cancer* OR neopla* OR adenocarcin* OR carcin* OR tumor* OR tumour* OR malignant* OR sarcoma* OR mass* OR DCIS OR ductal* OR infiltrat* OR intraductal* OR lobula* OR medullary)):ti,ab,kw,de	
	7	"acupuncture"/exp OR "transcutaneous nerve stimulation"/exp OR "moxibustion"/exp	
	8	(acupuncture* OR acupress* OR acupoint* OR electroacupuncture* OR "Zhen Jiu" OR ZhenJiu OR meridian* OR "Ching Lo" OR ChingLo OR "Jing Luo" OR JingLuo OR moxibustion* OR auriculotherapy OR TENS OR PENS OR ((transcutaneous OR percutaneous OR transdermal OR cutaneous) NEAR/4 (stimulat* OR electrostimulat* OR neurostimulat*)):ti,ab,kw,de	
	9	(#1 OR #2 OR #3 OR #4) AND (#5 OR #6) AND (#7 OR #8) AND [embase]/lim	357
	10	#9 AND ("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)	RCTs: 168
2) MEDLINE (Ovid)	1	exp Hot Flashes/ OR exp Vasomotor System/ OR exp Sweating/	
	2	(flush* OR ((hot OR night* OR nocturnal*) ADJ5 (flash* OR sweat*)) OR vasomotor):mp	
	3	exp Climacteric/ OR exp Primary Ovarian Insufficiency/ OR exp Anovulation/	
	4	(climacter* OR menopause* OR premenopause* OR perimenopause* OR postmenopause* OR pre-menopause* OR peri-menopause* OR post-menopause* OR (mens ADJ3 cessat*) OR (ovarian ADJ3 (fail* OR cessat* OR absen*)) OR anovulation*):mp	

appendix 1



資料庫選擇

核心	國家/區域性	特定主題	引文資料庫	灰色文獻
<ul style="list-style-type: none"> MEDLINE 介面: PubMed, Ovid, EBSCOhost Embase Embase.com (Elsevier), OvidSP Cochrane Trials = CENTRAL 來自MEDLINE、EMBASE、CINAHL、US ClinicalTrials.gov, ICTRP等, 及人工搜尋期刊之RCTs & CCTs 	<ul style="list-style-type: none"> 台灣期刊論文索引 華藝線上 中國期刊全文數據庫 CNKI 萬方數據 	<ul style="list-style-type: none"> 護理 CINAHL 老年 AgeLine 心理 PsycINFO 教育 ERIC <p>介面: EBSCOhost, Ovid, ProQuest</p>	<ul style="list-style-type: none"> Scopus Web of Science (SCIE & SSCI) <p>無控制詞彙</p>	<ul style="list-style-type: none"> Trial Registers (WHO ICTRP, ClinicalTrials) Conferences Theses
<p>補充管道</p> <p>Google Scholar (掠奪性期刊?) Journal Handsearching Alerts by Databases Reference List Checking / Citation Searching</p>				

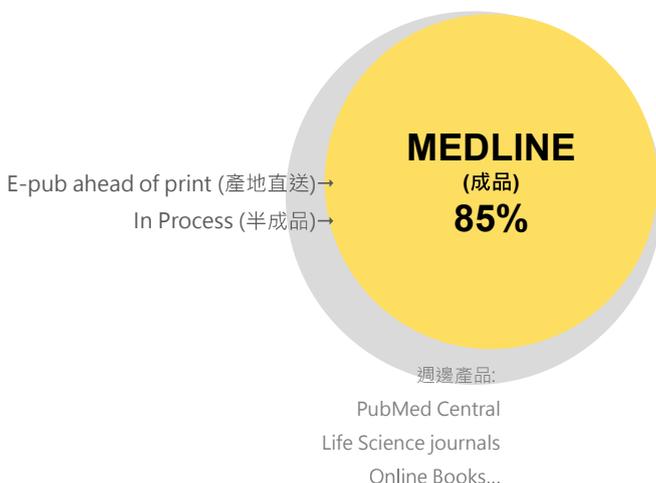
“我搜尋Ovid MEDLINE了

教授 Reviewer 說：怎麼漏了PubMed”

症頭發作，亂世之下用重典

完整度相同 (含E-pub、In Process、未含局部週邊產品)
更新慢一個工作天
檢索語法支持度高、能精簡表達檢索式

Ovid MEDLINE vs. PubMed



<https://www.nlm.nih.gov/bsd/difference.html>

Cochrane Handbook for SR of Interventions

必搜三大: MEDLINE、Embase、CENTRAL

唯二認證檢索MEDLINE → Ovid | PubMed

(Cochrane SR也多採用Ovid)

Cochrane Reviews of interventions should include a search of MEDLINE (see MECIR Box 4.3.a). MEDLINE (as of January 2022) contains approximately 30 million references to journal articles in biomedicine and health from 1946 onwards. More than 5000 journals in about 40 languages are indexed for MEDLINE (US National Library of Medicine 2021).

PubMed provides access to a free version of MEDLINE that also includes up-to-date citations not yet indexed for MEDLINE (US National Library of Medicine no date). Additionally, PubMed includes records from journals that are not indexed for MEDLINE and records considered 'out-of-scope' from journals that are partially indexed for MEDLINE (US National Library of Medicine 2020). Further details about MEDLINE, PubMed and PubMed Central and how they differ are available (US National Library of Medicine 2020).

MEDLINE is also available on subscription from a number of other database vendors, such as EBSCO, Ovid, ProQuest and STN. Access is usually 'free at-the-point-of-use' to members of the institutions paying the subscriptions (e.g. hospitals and universities). Ovid MEDLINE (segment name 'medall') covers all of the available content and metadata in PubMed with a delay of one working day (except during the annual reload, at the end of each year, when Ovid MEDLINE will not match the PubMed baseline). Aside from the MEDLINE records, Ovid includes all content types available in PubMed including: Epub Ahead of Print, PubMed-not-MEDLINE, In-process citations and citations for books available on the NCBI Bookshelf.

When searching MEDLINE via service providers or interfaces other than Ovid or PubMed, we recommend verification of the exact coverage of the database in relation to PubMed, where no explicit information on this is readily available.



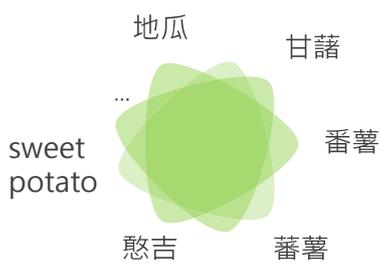
SR文獻搜尋紀錄表

2. 檢索詞 Search Terms

主題概念 切出來	自由詞彙：中文同義字 Chinese Synonyms	自由詞彙：英文同義字 English Synonyms		控制詞彙 Controlled Vocabulary Emtree / MeSH / CINAHL
		Before	After <small>每換行代表 OR (不須標示) 在此請專注於詞彙整理</small>	
範例 P	妊娠 懷孕 孕期 孕婦 糖尿病	gestational diabetes gestational T2DM gestational NIDDM pregnant diabetes pregnancy-induced diabetes diabetes mellitus gravidarum GDM ...		
P				
I				

檢索者的換位思考

我是作者 ↔ 我是索引者



同義詞

作者們的寫法
自由詞彙

+ 控制詞彙

特定資料庫(索引專家)
統一用詞

= 周全檢索

我是檢索者

從臨床情境 > 形成問題 (PICO)

Question:	妊娠糖尿病患者增加身體活動能有效控制血糖嗎？
Population	妊娠糖尿病患者
Intervention	身體活動
Comparison	常規照護
Outcome	血糖控制 (此例實務上不會訂定單一 outcome，也不會納入檢索)
問題類型：	<input checked="" type="checkbox"/> Therapy/Prevention <input type="checkbox"/> Diagnosis <input type="checkbox"/> Etiology <input type="checkbox"/> Other:
收錄研究設計：	<input checked="" type="checkbox"/> RCTs <input type="checkbox"/> Cohort Studies <input type="checkbox"/> Systematic Reviews <input type="checkbox"/> Other:
我的研究設計：	<input checked="" type="checkbox"/> SR/MA <input type="checkbox"/> Scoping Review <input type="checkbox"/> Umbrella Review <input type="checkbox"/> Other:
備註：	

30

檢索詞蒐集管道

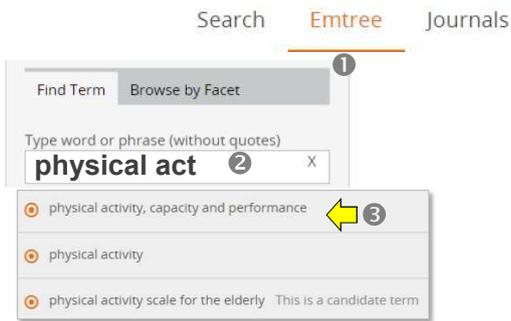
自由詞彙-同義詞

- 控制詞彙表之同義詞清單
- 控制詞彙表之狹義控制詞彙
- (Cochrane) SR: Search Strategies
- 瀏覽相關文章
- ChatGPT

控制詞彙

- 詞表查詢 > 決定控制詞彙位階 (廣/狹)
- 高相關文章的控制詞彙給了甚麼 (index term, index miner, subject filter)
- (Cochrane) SR: Search Strategies
- 交叉檢查不同控制詞彙表的對應

控制詞彙 Emtree



5 蒐集同義詞 (不須照單全收)

exercise

Synonyms

biometric exercise; effort; exercise capacity; exercise performance; exercise training; exertion; fitness training; workout; physical conditioning, human; physical effort; physical exercise; physical exertion; physical work-out; workout

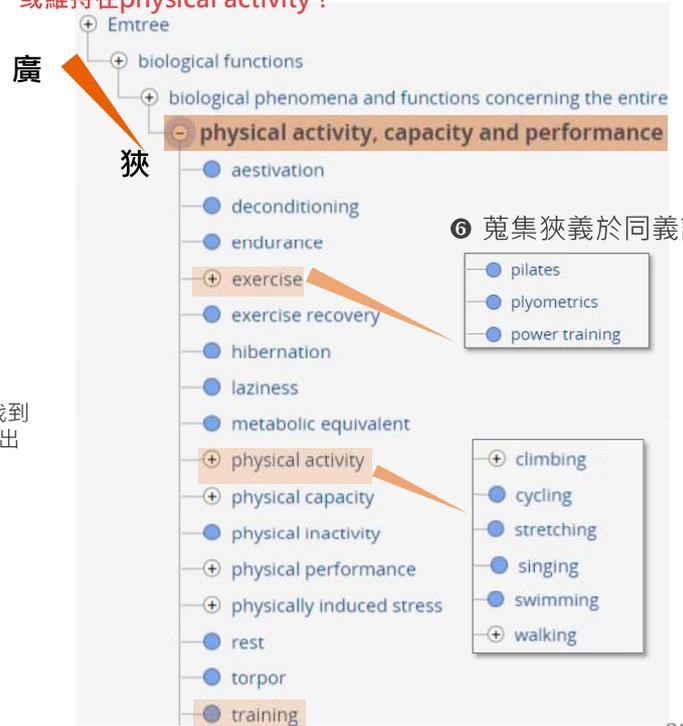
Dorland's dictionary

exercise = the performance of physical exertion for improvement of health or the correction of physical deform
 Definition from *Dorland's Medical Dictionary*, 32nd edition, copyright © 2011 by Elsevier. For more information; www.dorlands.com

已採用exercise* · 搜尋比對上即可找到包含exercise的片語 · 不需再冗贅列出

- 例: X biometric exercise
 X exercise training
 V training
 V workout · work-out

4 決定控制詞彙位階: 挑更廣? (廣可含狹) 或維持在physical activity?



控制詞彙 MeSH

<https://www.ncbi.nlm.nih.gov/mesh/>



Search results

Items: 2

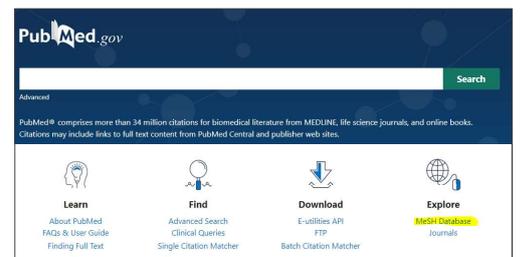
- [Exercise](#) 2 點適用控制詞彙

1. **Physical activity** which is usually regular and done with the intention of improving or maintaining PHYSICAL FITNESS or HEALTH. Contrast with PHYSICAL EXERTION which is concerned largely with the physiologic and metabolic response to energy expenditure.
 Year introduced: 1989

[Sedentary Behavior](#)

2. Behaviors during waking hours that have low energy expenditure and are often performed in a sitting or reclining POSTURE.
 Year introduced: 2019(2010)

或PubMed右下角進入MeSH



控制詞彙 MeSH

<https://www.ncbi.nlm.nih.gov/mesh/>

Exercise

Physical activity which is usually regular and done with the intention of improving or maintaining PHYSICAL FITNESS or HEALTH. Contrast with PHYSICAL EXERTION which is concerned largely with the physiologic and metabolic response to energy expenditure. Year introduced: 1989

PubMed search builder options
Subheadings:

- adverse effects
- genetics
- pharmacology
- analysis
- history
- physiology

Entry Terms:

- Exercises
- Physical Activity
- Activities, Physical
- Activity, Physical
- Physical Activities
- Exercise, Physical
- Exercises, Physical
- Physical Exercise
- Physical Exercises
- Acute Exercise
- Acute Exercises
- Exercise, Acute
- Exercises, Acute
- Exercise, Isometric
- Exercises, Isometric
- Isometric Exercises
- Isometric Exercise
- Exercise, Aerobic
- Aerobic Exercise
- Aerobic Exercises

See Also:

- Exercise Therapy
- Physical Exertion
- Physical Fitness
- Sports
- Exercise Movement Techniques

↑ ④ 相關控制詞彙(可選用)

已採用exercise* · 搜尋比對上即可找到包含exercise的片語 故不需再列

- 例: X aerobic exercise
X exercise training
V training

↑ ⑤ 蒐集於同義詞 (不用照單全收)



控制詞彙 MeSH

The screenshot shows the Ovid MEDLINE search interface. At the top, there are navigation links like 'My Account', 'My PayPerView', 'Support & Training', 'Help', 'Feedback', and 'Logout'. Below that, there are tabs for 'Search', 'Journals', 'Multimedia', 'My Workspace', and 'What's New'. The main search area has a search bar with the text 'physical activity' and a red circle and the number 1 next to it. Below the search bar, there are options for 'Limits (expand)', 'Include Multimedia', and 'Map Term to Subject Heading'. The 'Search' button is highlighted in green.

Your term mapped to the following Subject Headings:

Click on a subject heading to view more general and more specific terms within the tree.
See term mapped to thesaurus term

Include All Subheadings
Combine with:

Select	Subject heading	Explode	Focus	Scope
<input checked="" type="checkbox"/>	Exercise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="i"/>
<input type="checkbox"/>	physical activity.mp. search as Keyword			

② 點適用控制詞彙

控制詞彙 MeSH

③ 挑更廣？

或維持在Exercise？

(廣可含狹)

凸格是此控制詞彙的廣義詞→

目前所在控制詞彙(MeSH)→

縮格是此控制詞彙的狹義詞→

- Movement
 - Eye Movements
 - Head Movements
 - Locomotion
 - Motor Activity
 - Exercise
 - Cool-Down Exercise
 - Exergaming
 - Gymnastics
 - Muscle Stretching Exercises
 - Physical Conditioning, Animal
 - Physical Conditioning, Human
 - Preoperative Exercise
 - Running
 - Swimming
 - Walking
 - Warm-Up Exercise
 - Flight, Animal
 - Freezing Reaction, Cataleptic
 - Immobility Response, Tonic
 - Pronation
 - Supination

79109

REFERENCES:
See Related: → ④ 相關之控制詞彙可選用

- EXERCISE THERAPY
- PHYSICAL EXERTION
- PHYSICAL FITNESS
- SPORTS
- EXERCISE MOVEMENT TECHNIQUES

Used For:

- activities, physical
- activity, physical
- acute exercise
- acute exercises
- aerobic exercise
- aerobic exercises
- exercise
- exercise, acute
- exercise, aerobic
- exercise, isometric
- exercise, physical
- exercise training
- exercise trainings
- exercises
- exercises, acute
- exercises, aerobic
- exercises, isometric
- exercises, physical
- isometric exercise
- isometric exercises
- physical activities

⑤ 同義詞 (可參考·不用照單全收)

已採用exercise*
不需再列含有exercise的其他詞彙

例: X aerobic exercise
X exercise training
V training

Cochrane SR (Gold Standard)

The screenshot shows the Cochrane Library search results page for the keyword 'acupuncture'. The search was performed in the 'Record Title' field. The results show 55 Cochrane Reviews matching the search. The first result is 'Acupuncture for Bell's palsy' by Ning Chen, Muke Zhou, Li He, Dong Zhou, N Li, published in August 2010. The second result is 'Acupuncture for the prevention of episodic migraine' by Klaus Linde, Gianni Allais, Benno Brinkhaus, Yutong Fei, Michael Mehring, Emily A. Vertosick, Andrew Vickers, and Adrian R White, published in June 2016. The interface includes a search bar, navigation tabs for Cochrane Reviews, Trials, and Clinical Answers, and a filter section on the left for publication date and custom ranges.

The screenshot shows the Cochrane Library interface for a review titled "Acupuncture for pain in endometriosis". The page includes a search bar, navigation menu, and a "Contents" sidebar. A yellow arrow points to the "Search strategies" link in the sidebar.

Zhu (2011): Acupuncture for pain in endometriosis

Appendix 1. Electronic Searches: Ovid

- 10 exp Acupuncture/ (758)
- 11 exp acupuncture therapy/ or exp acupuncture analgesia/ or exp electroacupuncture/ or exp meridian\$tw. (11341)
- 12 acupressure\$.tw. (321)
- 13 Acupuncture.tw. (8965)
- 14 (electroacupuncture or
- 15 meridian\$.tw. (2643)
- 16 mox\$.tw. (4513)
- 17 (shiatsu or tui na).tw. (5
- 18 needling.tw. (777)
- 19 shu.tw. (317)
- 20 acup\$ point\$.tw. (752)
- 21 or/10-20

Li (2011): Acupuncture for Attention Deficit Hyperactivity Disorder...

Appendix 1. Search strategy for MEDLINE (Ovid)

- 14 acupuncture therapy/ or acupuncture, ear/ or electroacupuncture/
- 15 acupunct\$.tw.
- 16 or/14-15

Cheuk (2012): Acupuncture for insomnia

Appendix 2. Search strategy for MEDLINE

1. exp acupuncture/
2. acupunc\$.mp
3. acupress\$.mp
4. electroacupunc\$.mp
5. meridian\$.mp
6. acupoints\$.mp
7. or/1-7

F

請幫我找出下列三篇文章的搜尋策略中，
"針灸"有關的檢索詞，有哪些還沒有整理到我的詞彙清單的

----- 三篇文章 (Cochrane SR 截圖) -----

Acupuncture for pain in endometriosis

Appendix 1. Electronic Searches: Ovid

10 exp Acupuncture/ (758)

11 exp acupuncture therapy/ or exp acupuncture analgesia/ or exp electroacupuncture/ or exp meridian\$ (11341)

12 acupressure\$.tw. (321)

13 Acupuncture.tw. (8965)

14 (electroacupuncture or meridian\$.tw. (2643)

15 mox\$.tw. (4513)

17 (shiatsu or tui na).tw. (5)

18 needling.tw. (777)

19 shu.tw. (317)

20 acup\$ point\$.tw. (752)

21 or/10-20

Li (2011): Acupuncture for Attention Deficit Hyperactivity Disorder...

Appendix 1. Search strategy for MEDLINE (Ovid)

14 acupuncture therapy/ or acupuncture, ear/ or electroacupuncture/

15 acupunct\$.tw.

16 or/14-15

Cheuk (2012): Acupuncture for insomnia

Appendix 2. Search strategy for MEDLINE

1. exp acupuncture/

2. acupunc\$.mp

3. acupress\$.mp

4. electroacupunc\$.mp

5. meridian\$.mp

6. acupoints\$.mp

7. or/1-7

----- 我的同義詞 -----

acupunctur* ((transcutaneous
acupress* percutaneous
acu-point* transdermal
electroacupunctur* cutaneous)
"Zhen Jiu" NEAR/3
ZhenJiu (stimulat*
meridian* electrostimulat*
moxibustion* neuromodulat*))
auriculotherap*
TENS
PENS

----- 我的控制詞彙 -----

Acupuncture
Acupuncture Therapy
Acupressure
Transcutaneous Electric Nerve Stimulation



比對結果

根據三篇文章的檢索策略，以下是與「針灸」相關但尚未包含在你的檢索詞清單中的詞彙：

尚未整理的同義詞

1. shiatsu
2. tui na (推拿)
3. needling
4. shu (可能指膻穴)
5. auricular acupuncture (與 auriculotherapy 相關，但未完全相同)

尚未整理的控制詞彙

1. Acupuncture, Ear (在 Li (2011) 中出現，可能屬於 MeSH 詞彙)
2. Moxibustion (你有 moxibustion* 但未列為控制詞彙，或許可以加入)

----- 我的同義詞 -----

acupunctur* ((transcutaneous
acupress* percutaneous
acu-point* transdermal
electroacupunctur* cutaneous)
"Zhen Jiu" NEAR/3
ZhenJiu (stimulat*
meridian* electrostimulat*
moxibustion* neuromodulat*))
auriculotherap*
TENS
PENS

----- 我的控制詞彙 -----

Acupuncture
Acupuncture Therapy
Acupressure
Transcutaneous Electric Nerve Stimulation

人物設定

您是系統性回顧研究的專家，同時也是擅長文獻檢索的圖書館員
請協助我們的研究團隊，蒐集下列題目的英文同義詞與控制詞彙

需求說明

題目：妊娠糖尿病患者以身體活動介入，是否能改善血糖控制效果？

輸出形式

請以表格列出PICO的英文同義詞、控制詞彙MeSH、控制詞彙Emtree



很樂意協助您的研究團隊找出題目中PICO (患者、介入、對照、結果)的英文同義詞，以及相應的控制詞彙 MeSH 和 Emtree。以下是表格：

PICO	同義詞	MeSH	Emtree
P (患者)	妊娠糖尿病患者	Gestational diabetes patients	Gestational diabetes
		Pregnancy diabetes patients	
		Pregnant diabetes patients	
I (介入)	身體活動介入	Physical activity intervention	Exercise
		Exercise intervention	Exercise therapy
		Activity intervention	Physical exercise
		Movement intervention	



您要蒐集的題目是「妊娠糖尿病患者以身體活動介入，是否能改善血糖控制效果」。我們可以將此問題分解為 PICO (Population, Intervention, Comparison, Outcome) 四大部分：

PICO	英文同義詞	MeSH 控制詞彙	Emtree 控制詞彙
P (Population)	Gestational diabetes patients, Pregnant women with diabetes	Gestational Diabetes Mellitus, Pregnant Women, Diabetes, Gestational	Gestational diabetes, Pregnancy, Diabetic pregnancy
I (Intervention)	Physical activity intervention, Exercise	Physical Activity, Exercise	Physical activity, Exercise therapy
C (Comparison)	No physical activity, Standard care	No Intervention, Standard of Care	Standard care, Non-exercise
O (Outcome)	Blood glucose control, Glycemic control	Blood Glucose, Glycemic Control, Blood Sugar Control	Blood glucose level, Glucose control , Glycemic control

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迭代追問

F

請補充同義詞，注意下列事項

1. 包含單複數、英美式拼法、縮寫、同義異形
2. 身體活動: 請幫我列出適合孕婦的運動名稱
3. 如果詞彙有不同字尾變化，請做適當字尾切截
例如 physical activity
表達為 physical activit*

明白了，根據您的需求，我將補充並修正PICO的同義詞表格：

PICO	英文同義詞	MeSH 控制詞彙	Emtree 控制詞彙
P (Population)	Gestational diabetes patients, Pregnant women with diabetes, Pregnant diabetic women	Gestational Diabetes Mellitus, Pregnant Women, Diabetes, Gestational	Gestational diabetes, Pregnancy, Diabetic pregnancy
I (Intervention)	Physical activit*, Exercise, Exercising, Aerobics , Prenatal yoga , Swimming , Walking , Prenatal Pilates	Physical Activity, Exercise	Physical activit*, Exercise therapy , Aerobics, Yoga, Swimming, Walking, Pilates
C (Comparison)	No physical activit*, No exercise, Standard care	No Intervention, Standard of Care	Standard care, Non-exercise
O (Outcome)	Blood glucose control, Glycemic control, Glycemic control, Blood sugar regulation	Blood Glucose, Glycemic Control, Blood Sugar Control	Blood glucose level, Glucose control , Glycemic control *

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PubMed 高相關書目反推

Translations
clown: "clown"[All Fields] OR "clown's"[All Fields] OR "clowning"[All Fields] OR "clowns"[All Fields]

clown[ti]

Sorted by: Best match

Randomized Controlled Trial > Fertil Steril. 2011 May;95(6):1016-1020. doi: 10.1016/j.fertnstert.2010.12.016. Epub 2011 Jan 6.

The Effect of Medical Clowning on Pregnancy Rates in Vitro Fertilization and Embryo Transfer

Shevach Friedler ¹, Saralee Glasser, Liat Azani, Laurence S Freedman, Strassburger, Raphael Ron-El, Liat Lerner-Geva

Affiliations
 PMID: 21211796 DOI: 10.1016/j.fertnstert.2010.12.016

Abstract

This experimental prospective quasi-randomized study examining the impact of a medical clowning encounter after embryo transfer (ET) after in vitro fertilization (IVF) found that the pregnancy rate in the intervention group was 36.4%, compared with 20.2% in the control group (adjusted odds ratio, 2.67; 95% confidence interval, 1.36-5.24). Medical clowning as an adjunct to IVF-ET may have a beneficial effect on pregnancy rates and deserves further investigation.

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SUPPLEMENTARY INFO

MeSH terms, Substances, Grant support

Format

Sort by

Publication types

> Randomized Controlled Trial

MeSH terms

- 1 Adult
- 2 Embryo Transfer / methods
- 3 Embryo Transfer / statistics & numerical data*
- 4 Female
- 5 Fertilization in Vitro / methods*
- 6 Fertilization in Vitro / statistics & numerical data*
- 7 Humans
- 8 Infertility / epidemiology
- 9 Infertility / psychology
- 10 Infertility / therapy
- 11 Laughter Therapy / methods*
- 12 Male
- 13 Middle Aged
- 14 Oocyte Retrieval / methods
- 15 Pregnancy
- 16 Pregnancy Rate*
- 17 Stress, Psychological / complications
- 18 Wit and Humor as Topic / psychology*

Ovid MEDLINE 智慧建議控制詞彙

Ovid® My Account Ask a Librarian Support & Training

Search Journals Books Multimedia My Workspace Visible Body What's New

Search History (0)

Searches Results Type Actions

Save Remove Combine with: AND OR

Save All Edit Create RSS Create Auto-Alert View Saved

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

1 resource selected Hide Change

Ovid MEDLINE(R) Epub Ahead of Print and In-Process, In-Data-Review & Other Non-Indexed Citations and Daily May 12, 2011

Keyword Author Title Journal

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

Include Multimedia Map Term to Subject Heading

Your term mapped to the following Subject Headings:
 Click on a subject heading to view more general and more specific

Include All Subheadings

Combine with: OR

Select	Subject Heading
<input type="checkbox"/>	Humans
<input type="checkbox"/>	Anxiety
<input checked="" type="checkbox"/>	Laughter Therapy
<input type="checkbox"/>	Child
<input type="checkbox"/>	Female
<input type="checkbox"/>	Male
<input checked="" type="checkbox"/>	"Wit and Humor as Topic"
<input type="checkbox"/>	Child, Preschool
<input type="checkbox"/>	Stress, Psychological
<input type="checkbox"/>	Child, Hospitalized
<input type="checkbox"/>	clown.mp. search as Keyword

Embase Index miner

The screenshot shows the Embase Index Miner interface. The search term is 'clown:ti'. The results page displays a list of filters with their respective counts. A callout box highlights the 'Index miner' button and a filter option.

Filter	Count
<input type="checkbox"/> human	241
<input type="checkbox"/> article	220
<input type="checkbox"/> child	127
<input type="checkbox"/> male	115
<input type="checkbox"/> female	111
<input checked="" type="checkbox"/> humor	84
<input type="checkbox"/> controlled study	78
<input type="checkbox"/> priority journal	68
<input checked="" type="checkbox"/> fish	59
<input type="checkbox"/> medical clowning	47
<input type="checkbox"/> alternative medicine	38
<input type="checkbox"/> perciformes	38
<input type="checkbox"/> adult	36
<input type="checkbox"/> physiology	32
<input type="checkbox"/> adolescent	30
<input type="checkbox"/> clinical article	30
<input type="checkbox"/> hospital	28
<input type="checkbox"/> pain	28
<input type="checkbox"/> animal experiment	27
<input type="checkbox"/> nonverbal communication	26

Filter (檢索結果後分類)
EBSCOhost | ProQuest | Ovid

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重要檢核之最

同義詞

- ① 單字切截*
- ② 詞彙去冗
只列exercise即可找到包含它的片語
~~exercise therapy~~、~~physical exercise...~~
- ③ 兩個單字以上組成詞彙，必須指定關係
尤其! Embae 檢索肯定走精!

控制詞彙

- ① 控制詞彙不能採用切截Exercise*，應原貌呈現為Exercise
- ② 控制詞彙的廣狹義(位階)
 - 無互屬，適用都列出:
Exercise、Exercise Therapy
 - 有互屬，列出最適用的位階詞:
Exercise廣於Running
使用Exercise即可

單字 與 單字間，剛剛好的親密

文章例	語法 (Embase 例)	檢索模式	筆數
<u>High-dose</u> vs. low-dose statin therapy..	"high dose"	緊緊相依 [片語]	119,000
Effects of <u>high</u> vs. low <u>dose</u> statin therapy..	high NEAR/4 dose	容許第三者幾位 間隔在我們倆之間 [鄰近字] NEAR/4指間隔3個單字內	126,000
A patient complained he would adjust the <u>dose</u> of medication, because of his <u>high</u> or low mood...	high dose ^ AND	PubMed、Embase 預設 我倆可能是路人 [交集]	335,000

Fang, Ching-Ju 58



[Search](#) [Emtree](#) [Journals](#) [Results](#) [My tools](#)



Flora Fang



Quick search



[Quick](#) [PICO](#) [PV Wizard](#) [Medical device](#) [Advanced](#) [Drug](#) [Disease](#) [Device](#) [Citation information](#)

Title gestational **NEAR/4** diabetes



Title "gestational diabetes"

NOT



+ Add field Limit to

Reset form

Show 1,775 results

Fang, Ching-Ju 59

1 Causal relationship association of cheese intake with **gestational hypertension and diabetes** result from a Mendelian randomization study
 Zhong T., Huang Y.-Q., Wang G.-M.
World Journal of Clinical Cases 2023 11:30 (7318-7328)
 Embase Abstract Index Terms View Full Text Findit@NCKU Similar records >

2 Effect of Ramadan Fasting on Blood Glucose Level in Pregnant Women with **Gestational** and Type 2 **Diabetes**
 Alsulami S.S., Ghamri K.A.
Diabetes, Metabolic Syndrome and Obesity 2023 16 (3105-3113)
 Embase NURSING Abstract Index Terms View Full Text Findit@NCKU Similar records >

3 Factors Associated with Cesarean Operations of **Gestational** Diabetic Mellitus and **Diabetes** Complications
 Suwannarat N., Punpuckdeekoon P.
Journal of the Medical Association of Thailand 2023 106:9 (837-842)
 Embase Abstract Index Terms View Full Text Findit@NCKU Similar records >

4 **Gestational** and pregestational **diabetes** as risk factors for postpartum readmission for cardiovascular disease complications
 Bodenlos K., Fields J.C., Rosenfeld E.B., Graham H.L., Patrick H.S., Ananth C.V.
American Journal of Obstetrics and Gynecology 2022 226:1 Supplement (S231-)
 Embase Abstract Index Terms View Full Text Findit@NCKU Similar records >

5 Genetic risk of type 2 diabetes modifies the effects of a lifestyle intervention aimed at the prevention of **gestational** and postpartum **diabetes**
 Huvinen E., Lahti J., Klemetti M.M., Bergman P.H., Räikkönen K., Orho-Melander M., Laivuori H., Koivusalo S.B.
Diabetologia 2022 65:8 (1291-1301)
 Embase MEDLINE Abstract Index Terms View Full Text Findit@NCKU Similar records >

6 **Gestational** onset **diabetes** mellitus does not impact infant allergic outcomes
 Choa Z.X., Yap G.C., Du R., Loo E.X.L., Goh A.E.N., Teoh O.H., Van Bever H.P.S., Shek L.P.-C., Lee B.W., Tan K.H., Godfrey K.M., Eriksson J.G., Chong Y.S., Chan S.Y., Tham E.H.
Pediatric Allergy and Immunology 2023 34:2 Article Number e13920 Cited by: 1

鄰近字的簡化式

1 詞彙蒐集

gestational diabetes
gestational and pregestational diabetes
pregnancy induced diabetes
diabetes during pregnancy
pregnancy in diabetics
pregnant T2DM
gravida with diabetes
 ...

2 同類聚集 OR

(gestational
pregnancy
pregnant OR
gravid
gravida ...)
 (diabetes
T2DM OR
NIDDM...)

3 單字切截*

(gestation*
pregnan*
gravid* ...)
 (diabet*
T2DM
NIDDM ...)

4 決定第三者有幾

((gestation*
pregnan*
gravid* ...)
 NEAR/4
 (diabet*
T2DM
NIDDM ...))

((gestation*
pregnan*
gravid*...))

NEAR/4

3

=

(diabet*
T2DM
NIDDM))

3

gestation* **NEAR/4** diabet*
gestation* **NEAR/4** T2DM
gestation* **NEAR/4** NIDDM

pregnan* **NEAR/4** diabet*
pregnan* **NEAR/4** T2DM
pregnan* **NEAR/4** NIDDM

gravid* **NEAR/4** diabet*
gravid * **NEAR/4** T2DM
gravid * **NEAR/4** NIDDM

Embase.com

Cochrane Library

((gestation*
pregnan*
gravid*...))

NEAR/4

(diabet*
T2DM
NIDDM))

=

MEDLINE (Ovid)

((gestation*
pregnan*
gravid*...))

ADJ4

(diabet*
T2DM
NIDDM))

Embase vs. PubMed 鄰近字

不支援與*併用

pregnan* NEAR/4 diabet*

"pregnant diabetes" [tiab:~3]

"pregnant diabetes"[tiab:~3]

"pregnancy diabetes" [tiab:~3]

"pregnancy diabetes"[tiab:~3]

限定我們相遇在哪裡?

容許N位第三者?

[tiab] 篇名摘要

[ti] 篇名

...

SR文獻搜尋紀錄表

2. 檢索詞 Search Terms

主題概念 切出來	自由詞彙：中文同義字 Chinese Synonyms	自由詞彙：英文同義字 English Synonyms		控制詞彙 Controlled Vocabulary Emtree / MeSH / CINAHL
		Before	After <small>每換行代表 OR (不須標示) 在此請專注於詞彙整理</small>	
範例 P	妊娠 懷孕 孕期 孕婦 糖尿病	gestational diabetes gestational T2DM gestational NIDDM pregnant diabetes pregnancy-induced diabetes diabetes mellitus gravidarum GDM ...	GDM ((gestation* pregnan* gravid*) 鄰近3單字內 (diabet* T2DM NIDDM))	maternal diabetes mellitus gestational diabetes pregnancy in diabetics <small>灰字狹義詞自動納入檢索</small> Diabetes, Gestational Pregnancy in Diabetics
P				
I				

搜尋策略發展

66

Embase.com 優勢

發展周全搜尋策略
起始資料庫

文章數量多

可測試性佳

控制詞彙
枝葉繁茂

介面友善

Embase 當心

誘使誤入歧途的
Candidate Term ?

趨吉避凶

Emtree 索引
不對題? 氾濫?

詞語檢索預設
邏輯不良?

Fang, Ching-Ju 72

舉一反三

- ① 對應控制詞彙
- ② 轉換檢索語法
- ③ 套用Filters (Type of Question/Study)
 - 問題類型(Dx, Tx, AE...)或研究設計(RCT,Cohort...)
 - 資料庫(MEDLINE, Embase, CINAHL...)
 - 介面(Ovid, PubMed, EBSCOhost...)
 - **非RCT須謹慎使用**

切截字	多字元 詞庫適用 建議採字序*	combin* glip*tin*	combin* glip*tin* (\$亦可)	combin* glip*tin*	combin* glip*tin*	combin* glip*tin*	combin* glip*tin*	combin* glip*tin*
片語	建議採 直引號:	"high dose"	"high dose"	"high dose"	"high dose"	"high dose"	"high dose"	"high dose"
鄰近字	無次序 例:痛 2 單字內	"high dose"[tiab~2] "high dose"[ti~2]	adj3	(high near/3 dose)	near/3	N2	near/2	w/2
組合	交集	AND (大寫)	跨庫通用建議 一律大寫→	and	AND	and	and	and
	聯集	OR		or	OR	or	or	or
	差集	NOT		not	NOT	not	and not	and not
	檢索集	#1 AND #2	1 and 2	#1 and #2	#1 and #2	S1 AND S2	#1 and #2	#1 and #2
語法	PubMed	OVID	Embase.com	Cochrane Library	EBSCOhost [註 1]	Web of Science	Scopus	
自由詞彙	廣 SR→ 逐一附加	pain[tw] OR ache[tw] ache[tiab] ache[ti]	(pain or ache).mp (pain or ache).ti,ab,kf	(pain or ache).ti,ab,kw,de (pain or ache).ti,ab,kw	(pain or ache).ti,ab,kw TI (pain OR ache) OR AB (pain OR ache)	ts = (pain or ache) ti = (pain or ache) or ab = (pain or ache) or ak = (pain or ache)	title-abs-key (pain or ache) title-abs (pain or ache) or authkey (pain or ache) title (pain or ache) or authkey (pain or ache)	
控制詞彙	廣 SR→ 逐一附加	pain[mh] pain[mh:noexp]	exp "pain"/ "pain"/	"pain"/exp "pain"/de	[mh "pain"] [mh ^"pain"]	MH ("pain+" OR "pain management+") MH ("pain" OR "pain management")	- -	
	精 逐一附加	pain[mj] pain[mj:noexp]	exp *"pain"/ *"pain"/	"back pain"/exp/mj "back pain"/mj	[mh "back pain"[mj]] [mh ^"back pain"[mj]]	MM ("pain+") MM ("pain")	- -	
	精 逐一附加	surgery[sh] surgery[sh:noexp]	adverse effects; ae complication; co drug therapy; dt etiology; et rehabilitation; rh su, xs su, fs	"adverse drug reaction" "drug therapy" "etiology" "rehabilitation" "surgery;lnk	- [mh /SU]	adverse effect; "AE" complications; "CC" drug therapy; "DT" etiology; "E" risk factors; "RF" rehabilitation; "RH"	- -	

[註 1]EBSCOhost 介面資料庫，除 CINAHL 和 MEDLINE 可採用 mh ("pain+") 包含狹義詞，其他資料庫(Academic Search Complete, PsycInfo, PBSC, ERIC ...)，皆須使用控制詞彙工具查找並勾選 Explode 後再按 Add 形成檢索式(如 DE pain OR DE "backache" OR DE "shoulder pain" OR DE "toothache"...)，每次只能 Explode 下層，應逐層比照上述步驟 Explode & Add。
[註 2]控制詞彙為單字時，雙引號可有可無；片語在 Embase、Cochrane、片語本身包含 and/or 一定要有雙引號。
[註 3]由兩個單字以上組成的詞彙(例 physical activity)，請務必自行指定關係為：交集、鄰近字、片語等三項關係之一(文章依次由多到少)，以統一所有資料庫檢索策略。否則各資料庫預設處理邏輯不一，將導致檢索策略不一致。
資料庫預設處理邏輯: PubMed 交集與片語同時採用; Ovid 片語; Embase 或 Scopus 採交集，且將不適當連符，例:輸入 exercise OR physical activity 卻獲得 (exercise OR physical) AND activity，希望片語檢索時，絕對要加入雙引號; EBSCOhost / Cochrane / WoS 皆為交集。

Embase 檢索

- 測試完整性 (含已知文章)
- 測試無亂入
- 數量合理負擔



Results

請選取語言 |

在此輸入逐行語法

Search > Mapping ▾ Date ▾ Sources ▾ Fields ▾ Quick limits ▾ EBM ▾ Pub. types ▾ Languages ▾ Gender ▾ Age ▾ Animal ▾ Search

Results Filters

Expand Collapse all Apply >

Sources ▾

Drugs ▾

Diseases ▾

Devices ▾

Floating Subheadings ▾

Age ▾

Gender ▾

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

#8 #7 AND ('crossover procedure':de OR 'double-blind procedure':de OR 'randomi. random':de,ab,ti OR 'factorial':de,ab,ti OR 'crossover':de,ab,ti OR ((cross NEXT/1 blind'):de,ab,ti) OR ((singl* NEAR/1 blind*):de,ab,ti) OR assign*:de,ab,ti OR allocat*:de,ab,ti OR volunteer*:de,ab,ti) + RCT Filters blind procedure':de OR .ti OR ((double* NEAR/1

#7 (#1 OR #2) AND (#3 OR #4) AND (#5 OR #6) AND [embase]/lim PI(O) 並限純 Embase 1,046

#6 'glucose blood level'/exp OR 'glycosylated hemoglobin'/exp OR 'hemoglobin a1c'/exp 控制 332,296

#5 glycemc*:ti,ab,kw,de OR glycaemia*:ti,ab,kw,de OR 'blood glucose':ti,ab,kw,de OR hba1c:ti,ab,kw,de OR 'haemoglobin a1c':ti,ab,kw,de OR 'glycated hemoglobin':ti,ab,kw,de OR 'glycated haemoglobin':ti,ab,kw,de OR 'glycosylated haemoglobin':ti,ab,kw,de 自由 260,560

#4 'physical activity'/exp OR 'exercise'/exp OR 'kinesiotherapy'/exp OR 'training'/exp 控制 775,393

#3 ((physical NEAR/4 (activit* OR inactivi* OR movement* OR training OR fitness)):ti,ab,kw,de) OR kinesio*:ti,ab,kw,de OR sport*:ti,ab,kw,de OR walk*:ti,ab,kw,de OR run*:ti,ab,kw,de 自由 1,152,021

#2 'pregnancy diabetes mellitus'/exp 控制 35,195

#1 gdm:ti,ab,kw,de OR (((gestation* OR preg 自由 44,080

Edit Email alert RSS feed

建議在紀錄表修正後再Edit
較易維護檢索策略與文件正確性

Embase 輸出

The screenshot shows the Embase search results interface. On the left, there are 'Results Filters' for Sources, Drugs, Diseases, Devices, Floating Subheadings, Age, Gender, Study types, Publication types, Journal titles, Publication years, and Authors. The main area displays search results for search #8, with 18 results found. An 'Export Data' dialog box is open, showing options to choose a format (RIS format (Mendeley, EndNote)).

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MEDLINE Ovid 檢索

The screenshot shows the MEDLINE Ovid search history table. The table has columns for #, Searches, Results, and Actions. The search history includes:

- 1 (GDM or ((gestation* or pregnant*) adj4 (diabet* or T2DM or NIDDM))) .mp. **P 自由**
- 2 exp "Diabetes, Gestational/" **P 控制**
- 3 ((physical adj4 (activit* or inactivi* or movement* or training or fitness)) or exercise* or kinesio* or sport* or walk* or run*) .mp. **I 自由**
- 4 exp "Exercise/" or exp "Exercise Therapy/" or exp "Sports/" or exp "Physical Education and Training/" **I 控制**
- 5 (glycemic* or glycaemia* or "blood glucose" or hba1c or "hemoglobin A1c" or "haemoglobin A1c" or "glycated hemoglobin" or "glycated haemoglobin" or "glycosylated hemoglobin" or "glycosylated haemoglobin") .mp. **O 自由**
- 6 exp "Blood Glucose/" or exp "Glycated Hemoglobin A/" **O 控制**
- 7 (1 or 2) and (3 or 4) and (5 or 6) **PI (O)**
- 8 7 and (((randomized controlled trial or controlled clinical trial).pt. or randomi*ed.ab. or placebo.ab. or drug therapy.fs. or randomly.ab. or trial.ab. or groups.ab.) not (exp animals/ not humans.sh.)) **RCT Filter**

Annotations include 'P 自由', 'P 控制', 'I 自由', 'I 控制', 'O 自由', 'O 控制', 'PI (O)', and 'RCT Filter'. A 'More' button in the Actions column is highlighted with a red box. A 'Save' button in the Actions column is also highlighted with a red box. Below the table, there are buttons for 'Save', 'Remove', 'Combine with: AND OR', 'Save All', 'Edit', 'Create RSS', and 'View Saved'. A note at the bottom right says '先在紀錄表修正後再Edit'.

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

1 Resource selected | Hide | Change

1 Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily → 確認檢索範圍最大 → Change

Enter keyword or phrase Keyword Author Title Journal

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▲ The number of results you have selected is exceeding your institution limits.

Ovid 輸出 (依機構設地而異，成大每次上限2000筆)

The screenshot shows the Ovid search interface. At the top, there are navigation links: Basic Search | Find Citation | Search Tools | Search Fields | **Advanced Search** | Multi-Field Search. Below this, it indicates '1 Resource selected' and 'Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily'. A search bar is present with radio buttons for Keyword, Author, Title, and Journal. A 'Limits' section is expanded, showing various filters like Abstracts, Structured Abstracts, English Language, etc. A search result is displayed, and an 'Export Citation(s)' dialog box is open, showing 'Selected: 1-78', 'Total: 78', and options for Format (EndNote) and Fields (Complete Reference).

PubMed 檢索

The screenshot shows the PubMed Advanced Search Builder interface. It features a 'Query box' with the text 'Enter / edit your search query here' and an 'Add to History' button. Below the query box is a 'History and Search Details' section with a table of search history.

Search	Actions	Details	Query	Results	Time
#6	...	>	Search: #5 AND (randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR randomised[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] NOT (animals [mh] NOT humans [mh]))	1,148	09:44:39
#5	...	>	Search: (#1 OR #2) AND (#3 OR #4)	2,997	09:44:30
#4	...	>	Search: "Exercise"[mh] OR "Exercise Therapy"[mh] OR "Sports"[mh]	394,960	09:44:21
#3	...	>	Search: (physical[tw] AND (activit*[tw] OR inactivi*[tw] OR movement*[tw])) OR exercise*[tw] OR kinesio*[tw] OR sport*[tw] OR training[tw] OR fitness[tw] OR walk*[tw] OR run[tw] OR running[tw]	1,609,589	09:44:17
#2	...	>	Search: "Diabetes, Gestational"[mh] OR "Pregnancy in Diabetics"[mh]	27,703	09:44:12
#1	...	>	Search: GDM[tw] OR ((gestation*[tw] OR pregnan*[tw] OR gravid*[tw]) AND (diabet*[tw] OR T2DM[tw] OR NIDDM[tw]))	53,137	09:44:06

PubMed 輸出

NIH National Library of Medicine
National Center for Biotechnology Information

PubMed®

#5 AND (randomized controlled trial[pt] OR controlled clinical trial[pt] OR rai) X Search

Advanced Create alert Create RSS User Guide

Save Email **Send to** 1 Sort by: Best match Display options

Clipboard
My Bibliography
Collections 2
Citation manager

1,148 results Page 1 of 115

pregnancy: benefits, risks and prescription.

nes 1.

0(1):4-17. doi: 10.1515/jpm-2021-0315. Print 2022 Jan 27.

article.

Objective: The aim of this article is to provide a comprehensive literature review, gathering the

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Cochrane 檢索

English Cochrane.org Sign In

Title Abstract Keyword

Browse **Advanced search**

Cochrane Reviews Trials Clinical Answers About Help

Advanced Search

Search **Search manager** Medical terms (MeSH) PICO search^{BETA}

Save this search View saved searches Search help

View fewer lines Print

#1	(GDM OR ((gestation* OR pregnan*) NEAR3 (diabet* OR T2DM OR NIDDM))) ;ti,ab,kw	P自由	Limits	2993
#2	[mh "Diabetes, Gestational"]	P控制	Limits	823
#3	((physical NEAR4 (activit* OR inactivi* OR movement* OR training OR fitness)) OR exercise* OR kinesio* OR sport* OR walk* OR run*) ;ti,ab,kw	I自由	Limits	138464
#4	[mh "Exercise"] OR [mh "Exercise Therapy"] OR [mh "Sports"] OR [mh "Physical Education and Training"]	I控制	Limits	34197
#5	(glycemic* OR glycaemia* OR "blood glucose" OR hba1c OR "hemoglobin A1c" OR "haemoglobin A1c" OR "glycated hemoglobin" OR "glycosylated hemoglobin" OR "glycosylated haemoglobin") ;ti,ab,kw	O自由	Limits	46317
#6	[mh "Blood Glucose"] OR [mh "Glycated Hemoglobin A"]	O控制	Limits	17435
#7	(#1 OR #2) AND (#3 OR #4) AND (#5 OR #6)	PI (O)	Limits	245
#8	#7		Limits	232

in Trials

Search limits

Content type

- Cochrane Reviews
- Cochrane Protocols
- Trials RCT**
- Clinical Answers
- Editorials
- Special collections

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Cochrane 輸出

The screenshot displays the Cochrane Central Register of Controlled Trials search results page. On the left, there is a 'Filter your results' sidebar with options for Year, Date, and Custom Range. The main content area shows 47 trials matching the search criteria. A red box highlights the 'Export selected citation(s)' button, which is labeled with a circled '2'. Another red box highlights the 'Select all (47)' button, labeled with a circled '1'. An 'Export selected citation(s)' dialog box is open, showing options to save citations to CiteULike, Mendeley, or RefWorks. The dialog also allows selecting a format (Plain text, RIS, etc.) and includes a 'Download' button at the bottom right, labeled with a circled '4'. A red checkmark is visible next to the 'Include abstract' option.

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EBSCOhost 檢索

The screenshot shows the EBSCOhost search interface. At the top, there are navigation tabs for 'New Search', 'Publications', 'CINAHL Subject Headings', 'Evidence-Based Care Sheets', and 'More'. Below the search bar, there are options for 'Basic Search' and 'Advanced Search', with 'Advanced Search' highlighted by a red box. The 'Search Options' section is expanded, showing 'Search Modes and Expanders'. Under 'Search modes', there are radio buttons for 'Boolean/Phrase', 'Find all my search terms', 'Find any of my search terms', and 'SmartText Searching'. A red box highlights the 'Apply related words' option, which is currently unchecked and labeled with the text '不勾選任一項'. Other options include 'Also search within the full text of the articles' and 'Apply equivalent subjects', both also unchecked.

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EBSCOhost 檢索

Searching **CINAHL Complete** | Choose Databases

S7 AND ((MH "Clinical Trials+") or (PT Clinical tria) Select a Field (optional) Search

AND - Select a Field (optional) Clear

AND - Select a Field (optional) + -

Basic Search Advanced Search **Search History**

Search History/Alerts

Print Search History Retrieve Searches Retrieve Alerts Save Searches / Alerts

Select / deselect all Search with AND Search with OR Delete Searches Refresh Search Results

Search ID#	Search Terms	Search Options	Actions
S6	S7 AND ((MH "Clinical Trials+") or (PT Clinical tria) or (TX clinic" n1 tria") or TX ((singl" n1 blind") or (singl" n1 mask*")) or TX ((doubt" n1 blind") or (doubt" n1 mask*")) or TX ((trip" n1 blind") or (trip" n1 mask*")) or TX ((trebl" n1 blind") or (trebl" n1 mask*")) or (TX random" control" trial") or (MH "Random Assignment") or (TX random" allocat") or (TX placebo") or (MH "Placebos") or (MH "Quantitative Studies") or (TX allocat" random"))	Search modes - Find all my search terms	View Results (117) View Details Edit
S7	(S1 OR S2) AND (S3 OR S4) AND (S5 OR S6)	Search modes - Find all my search terms	View Results (268) View Details Edit
S6	mh "Blood Glucose+" OR mh "Glycated Hemoglobin A+"	Search modes - Find all my search terms	View Results (39,130) View Details Edit
S5	glycemic" OR glycaemia" OR "blood glucose" OR hbA1c OR "hemoglobin A1c" OR "haemoglobin A1c" OR "glycated hemoglobin" OR "glycated haemoglobin" OR "glycosylated hemoglobin" OR "glycosylated haemoglobin"	Search modes - Find all my search terms	View Results (77,744) View Details Edit
S4	mh "Exercise+" OR mh "Therapeutic Exercise+" OR mh "Sports+" OR mh "Physical Education and Training+" OR mh "Physical Activity+"	Search modes - Find all my search terms	View Results (242,2/3) View Details Edit
S3	(physical N3 (activit" OR inactivit" OR movement" OR training OR fitness)) OR exercise" OR kinesio" OR sport" OR walk" OR run"	Search modes - Find all my search terms	View Results (384,372) View Details Edit
S2	mh ("Diabetes Mellitus, Gestational")	Search modes - Find all my search terms	View Results (7,147) View Details Edit
S1	GDM OR ((gestabion" OR pregnan") N3 (diabet" OR T2DM OR NIDDM))	Search modes - Find all my search terms	View Results (12,127) View Details Edit

注意! Search Options出現右側訊息時

表示上一條檢索式有誤獲得筆數為0 · 自動採Smart · 請更正該檢索式⇒ Search modes - SmartText Searching

請在Advanced Search取消勾選此兩項Apply選項 · 並重新檢索⇒ Expanders - Apply related words; Apply equivalent subjects

EBSCOhost 輸出

New Search Publications CINAHL Subject Headings Evidence-Based Care Sheets More Sign In Folder Preferences Language

1 2

Refine Results

Current Search

Find all my search terms:
S7 AND ((MH "Clinical Trials+") or (PT Clinical tria) ...

Limit To

References Available
Abstract Available
English Language

1989 Publication Date 2020

Show More

Source Types

All Results
Academic Journals (115)

Search Results: 1 - 50 of 117

1. Effect of relaxation exercise on fasting blood glucose and blood pressure in patients with type 2 diabetes.

(includes abstract) Geranmayeh, Mehraz, Bikdeloo, Sara, Azizi, Farahnaz, Mehran, Abbaszadeh, Amirhossein. Journal of Diabetes Research and Practice, 2020, 13(1), 1-7. (Article - research, tables/charts) ISSN: 0969-4900

Academic Journal

Subjects: Women's Health, Relaxation Techniques, Blood Glucose, Blood Pressure, Exercise, Gestational

HTML Full Text PDF Full Text Findit NCKU

2. بررسی تاثیر برنامه ریزی رفتاری بر شاخص های قندخون در زنان مبتلا به دیابت 2 نوع: کارآزمایی بالینی تصادفی شده

(includes abstract) طاهری، سولماز، سیده سولماز، طاهری، قلمه دوسلی، اعظم ملکی، حسین جلیلی، سفاط فیه راده، سیده سولماز، طاهری. Qom University Journal of Health Research, 2020, 12(9): 26-37. 12p. (Article - research, tables/charts, randomized controlled trial) ISSN: 1735-7658

Academic Journal

Subjects: Physical Activity, Glycemic Index, Diabetes Mellitus, Gestational Therapy, Counseling, Psychological Theory Methods, Women Psychosocial Factors, Female

PDF Full Text Findit NCKU

Page: 1 2 3 Next

Relevance Page Options Share

Add to folder:
Results (1-50) (不建議採用)
Add search to folder 每次僅能每次50筆傳送到Folder · 總上限為500筆

Create an alert:
E-mail Alert RSS Feed

Use Permalink:
Persistent link to search (copy & paste)
http://search.ebscohost.com/login.aspx

Export results:
E-mail a link to download exported results (up to 25000) 3

Web of Science 進階檢索

The screenshot shows the Web of Science search interface. At the top, there are navigation links for '檢索', '勾選清單', '檢索歷史', and '追蹤'. The search range is set to 'Web of Science 核心合輯' and the version is 'All'. A search box contains the query 'liver disease india singh'. Below the search box, there are options for '所有權位' and '新增查詢條件'. A '布林邏輯' (Boolean Logic) section shows a search string: 'TS=("frozen shoulder*" OR "adhesive capsuliti*" OR bursiti* OR periarthriti* OR (stiff* NEAR/3 shoulder*))'. A '檢索說明' (Search Help) section lists various codes for different search criteria. At the bottom, a '檢索歷史' (Search History) section shows two previous searches with their respective result counts: 210,192 and 5,836.

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Web of Science 輸出 (上限1000筆/次)

The screenshot shows the Web of Science search results page. The search range is 'Web of Science 核心合輯' and the version is 'All'. The search results show 117 results. A '限縮結果' (Refine Results) section is visible. The '輸出' (Export) button is highlighted, and a dropdown menu shows options for 'EndNote Online', 'EndNote 桌面版', 'RIS', 'Excel', 'InCites', and 'FEFCY CVN'. A dialog box titled '將記錄匯出至 EndNote 桌面版' (Export records to EndNote desktop) is open, showing options for '記錄選項' (Record options) and '記錄內容' (Record content). The '記錄內容' section shows the selected fields: '作者、標題、來源' (Author, Title, Source) and '作者、標題、來源、摘要' (Author, Title, Source, Abstract). The '記錄內容' section also shows the selected fields: '作者、標題、來源' (Author, Title, Source) and '作者、標題、來源、摘要' (Author, Title, Source, Abstract). The '記錄內容' section also shows the selected fields: '作者、標題、來源' (Author, Title, Source) and '作者、標題、來源、摘要' (Author, Title, Source, Abstract).

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資料庫輸出書目

輸出命名與存檔，並永久珍藏



99

人工寫檢索語法好像在寫程式一樣
困難，有比較容易的方法嗎

100

Help? ChatGPT

- F 請幫我將表格中的同義詞、控制詞彙MeSH，寫成PubMed的檢索語法呈現形式:
- #1 P同義詞
- #2 P控制詞彙
- #3 I同義詞
- #4 I控制詞彙
- #5 O同義詞
- #6 O控制詞彙
- #7 組合#1~#6檢索策略

好的，以下是根據表格中的同義詞和控制詞彙MeSH所建立的PubMed檢索語法：

```
less Copy code
#1 ("Gestational diabetes mellitus" OR "Pregnant women with gestatio
#2 ("Diabetes, Gestational"[MeSH Terms] OR "Gestational Diabetes"[Me
#3 ("Exercise intervention" OR "Physical activity intervention")
#4 ("Exercise Therapy"[MeSH Terms] OR "Exercise"[MeSH Terms])
#5 ("Improved glycemic control" OR "Improved blood glucose control"
#6 ("Blood Glucose Self-Monitoring"[MeSH Terms] OR "Glycemic Control
#7 #1 AND #2 AND #3 AND #4 AND #5 AND #6
```

了解，根據您所提供的指引，以下是將您之前的表格資訊整理成PubMed的檢索語法：

```
shell Copy code
#1 ("Gestational diabetes patients"[Title/Abstract] OR "P
#2 "Gestational Diabetes Mellitus"[Mesh]
#3 ("Physical activit*" [Title/Abstract] OR "Exercise"[Tit
#4 "Physical Activity"[Mesh]
#5 ("Blood glucose control"[Title/Abstract] OR "Glycemic
#6 ("Blood Glucose"[Mesh] OR "Glycemic Control"[Mesh] OR
#7 (#1 OR #2) AND (#3 OR #4) AND (#5 OR #6)
```

Help! SR Accelerator

Systematic Review Accelerator <https://sr-accelerator.com/#/polyglot>

Polyglot Cite

Your query 輸入Ovid MEDLINE (或PubMed)檢索策略

- > PubMed
- > Ovid MEDLINE
- > Embase (Elsevier)
- > Cochrane Library
- > CINAHL (Ebsco)
- > Scopus (advanced search)

Your Query Ovid MEDLINE

```

1 (GDM OR ((gestation* OR pregnan* OR gravid*) ADJ4 (diabet* OR T2DM OR NIDDM))).ti,ab,kf
2 exp "Diabetes, Gestational"/ OR exp "Pregnancy in Diabetics"/
3 ("physical activit*" OR "physical movement*" OR exercise* OR kinesio* OR sport* OR training OR
  fitness OR walk* OR run*).ti,ab,kf
4 exp "Exercise"/ OR exp "Exercise Therapy"/ OR exp "Sports"/
5 (1 OR 2) AND (3 OR 4)

```

▼ Cochrane Library

```

(GDM:ti,ab,kw OR ((gestation*:ti,ab,kw OR pregnan*:ti,ab,kw OR gravid*:ti,ab,kw) NEAR/4 (diabet*:ti,ab,kw OR T2DM:ti,ab,kw OR
NIDDM:ti,ab,kw)))
[mh "Diabetes, Gestational"] OR [mh "Pregnancy in Diabetics"]
(("physical" NEXT activit*):ti,ab,kw OR ("physical" NEXT movement*):ti,ab,kw OR exercise*:ti,ab,kw OR kinesio*:ti,ab,kw OR sport*:ti,ab,kw OR
training:ti,ab,kw OR fitness:ti,ab,kw OR walk*:ti,ab,kw OR run*:ti,ab,kw)
[mh Exercise] OR [mh "Exercise Therapy"] OR [mh Sports]
(#1 OR #2) AND (#3 OR #4)

```

▼ Embase (Elsevier)

```

(GDM OR ((gestation* OR pregnan* OR gravid* ) NEAR/4 (diabet* OR T2DM OR NIDDM )))ti,ab,kw
'Diabetes, Gestational'/exp OR 'Pregnancy in Diabetics'/exp
('physical activit*' OR 'physical movement*' OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run* )ti,ab,kw
Exercise/exp OR 'Exercise Therapy'/exp OR Sports/exp
(#1 OR #2) AND (#3 OR #4)

```

Your Query Ovid MEDLINE

```

1 (GDM OR ((gestation* OR pregnan* OR gravid*) ADJ4 (diabet* OR T2DM OR NIDDM))).ti,ab,kf
2 exp "Diabetes, Gestational"/ OR exp "Pregnancy in Diabetics" ADJ4 cs"/
3 ("physical activit*" OR "physical movement*" OR exercise* OR kinesio* OR sport* OR training OR
  fitness OR walk* OR run*).ti,ab,kf
4 exp "Exercise"/ OR exp "Exercise Therapy"/ OR exp "Sports"/
5 (1 OR 2) AND (3 OR 4)

```

ADJ4

鄰近字

▼ Cochrane Library

```

(GDM:ti,ab,kw OR ((gestation*:ti,ab,kw OR pregnan*:ti,ab,kw OR gravid*:ti,ab,kw) NEAR/4 (diabet*:ti,ab,kw OR T2DM:ti,ab,kw OR
NIDDM:ti,ab,kw)))
[mh "Diabetes, Gestational"] OR [mh "Pregnancy in Diabetics"]
(("physical" NEXT activit*):ti,ab,kw OR ("physical" NEXT movement*):ti,ab,kw OR exercise*:ti,ab,kw OR kinesio*:ti,ab,kw OR sport*:ti,ab,kw OR
training:ti,ab,kw OR fitness:ti,ab,kw OR walk*:ti,ab,kw OR run*:ti,ab,kw)
[mh Exercise] OR [mh "Exercise Therapy"] OR [mh Sports]
(#1 OR #2) AND (#3 OR #4)

```

NEAR/4

▼ Embase (Elsevier)

```

(GDM OR ((gestation* OR pregnan* OR gravid* ) NEAR/4 (diabet* OR T2DM OR NIDDM )))ti,ab,kw
'Diabetes, Gestational'/exp OR 'Pregnancy in Diabetics'/exp
('physical activit*' OR 'physical movement*' OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run* )ti,ab,kw
Exercise/exp OR 'Exercise Therapy'/exp OR Sports/exp
(#1 OR #2) AND (#3 OR #4)

```

NEAR/4

Your Query Ovid MEDLINE

```

1 (GDM OR ((gestation* OR pregnan* OR gravid*) ADJ4 (diabet* OR T2DM OR NIDDM))).ti,ab,kf
2 exp "Diabetes, Gestational" OR exp "Pregnancy in Diabetics"/
3 ("physical activit*" OR "physical movement*" OR exercise* OR kinesio* OR sport* OR training OR
  fitness OR walk* OR run*).ti,ab,kf
4 exp "Exercise"/ OR exp "Exercise Therapy"/ OR exp "Sports"/
5 (1 OR 2) AND (3 OR 4)

```

欄位限定

▼ Cochrane Library

```

(GDM:ti,ab,kw OR ((gestation*:ti,ab,kw OR pregnan*:ti,ab,kw OR gravid*:ti,ab,kw) NEAR/4 (diabet*:ti,ab,kw OR T2DM:ti,ab,kw OR
NIDDM:ti,ab,kw)))
[mh "Diabetes, Gestational"] OR [mh "Pregnancy in Diabetics"]
(("physical" NEXT activit*):ti,ab,kw OR ("physical" NEXT movement*):ti,ab,kw OR exercise*:ti,ab,kw OR kinesio*:ti,ab,kw OR sport*:ti,ab,kw OR
training:ti,ab,kw OR fitness:ti,ab,kw OR walk*:ti,ab,kw OR run*:ti,ab,kw)
[mh Exercise] OR [mh "Exercise Therapy"] OR [mh Sports]
(#1 OR #2) AND (#3 OR #4)

```

:ti,ab,kw

▼ Embase (Elsevier)

```

(GDM OR ((gestation* OR pregnan* OR gravid* ) NEAR/4 (diabet* OR T2DM OR NIDDM )))ti,ab,kw
'Diabetes, Gestational'/exp OR 'Pregnancy in Diabetics'/exp
('physical activit*' OR 'physical movement*' OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run* ):ti,ab,kw
Exercise/exp OR 'Exercise Therapy'/exp OR Sports/exp
(#1 OR #2) AND (#3 OR #4)

```

:ti,ab,kw

Your Query Ovid MEDLINE

```

1 (GDM OR ((gestation* OR pregnan* OR gravid*) ADJ4 (diabet* OR T2DM OR NIDDM))).ti,ab,kf
2 exp "Diabetes, Gestational" OR exp "Pregnancy in Diabetics"/
3 ("physical activit*" OR "physical movement*" OR exercise* OR kinesio* OR sport* OR training OR
  fitness OR walk* OR run*).ti,ab,kf
4 exp "Exercise"/ OR exp "Exercise Therapy"/ OR exp "Sports"/
5 (1 OR 2) AND (3 OR 4)

```

"physical activit*"

Cochrane

不支援片語與切截併用 (2023/6)

已轉換因應

▼ Cochrane Library

```

(GDM:ti,ab,kw OR ((gestation*:ti,ab,kw OR pregnan*:ti,ab,kw OR gravid*:ti,ab,kw) NEAR/4 (diabet*:ti,ab,kw OR T2DM:ti,ab,kw OR
NIDDM:ti,ab,kw)))
[mh "Diabetes, Gestational"] OR [mh "Pregnancy in Diabetics"]
(("physical" NEXT activit*):ti,ab,kw OR ("physical" NEXT movement*):ti,ab,kw OR exercise*:ti,ab,kw OR kinesio*:ti,ab,kw OR sport*:ti,ab,kw OR
training:ti,ab,kw OR fitness:ti,ab,kw OR walk*:ti,ab,kw OR run*:ti,ab,kw)
[mh Exercise] OR [mh "Exercise Therapy"] OR [mh Sports]
(#1 OR #2) AND (#3 OR #4)

```

(physical NEXT activit*)

▼ Embase (Elsevier)

```

(GDM OR ((gestation* OR pregnan* OR gravid* ) NEAR/4 (diabet* OR T2DM OR NIDDM )))ti,ab,kw
'Diabetes, Gestational'/exp OR 'Pregnancy in Diabetics'/exp
('physical activit*' OR 'physical movement*' OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run* ):ti,ab,kw
Exercise/exp OR 'Exercise Therapy'/exp OR Sports/exp
(#1 OR #2) AND (#3 OR #4)

```

Your Query **Ovid MEDLINE**

```

1 (GDM OR ((gestation* OR pregnan* OR gravid*) ADJ4 (diabet* OR T2DM OR NIDDM))).ti,ab,kf
2 exp "Diabetes, Gestational"/ OR exp "Pregnancy in Diabetics"/
3 ("physical activit*" OR "physical movement*" OR exercise* OR kinesio* OR sport* OR training OR
  fitness OR walk* OR run*).ti,ab,kf
4 exp "Exercise"/ OR exp "Exercise Therapy"/ OR exp "Sports"/
5 (1 OR 2) AND (3 OR 4)
  
```

▼ **Cochrane**

exp "Exercise Therapy"/

```

(GDM:ti,ab,kw OR ((gestation*:ti,ab,kw OR pregnan*:ti,ab,kw OR gravid*:ti,ab,kw) NEAR/4 (diabet*:ti,ab,kw OR T2DM:ti,ab,kw OR
NIDDM:ti,ab,kw)))
[mh "Diabetes, Gestational"] OR [mh "Pregnancy in Diabetics"]
(("physical" NEXT activit*):ti,ab,kw OR ("physical" NEXT movement*):ti,ab,kw OR exercise*:ti,ab,kw OR kinesio*:ti,ab,kw OR sport*:ti,ab,kw OR
training:ti,ab,kw OR fitness:ti,ab,kw OR walk*:ti,ab,kw OR run*:ti,ab,kw)
[mh Exercise] OR [mh "Exercise Therapy"] OR [mh Sports]
(#1 OR #2) AND (#3 OR #4)
  
```

各資料庫控制詞彙 (Emtree等)
需另查與修改

▼ **Embase (Elsevier)**

~~"Exercise Therapy"/exp~~

```

(GDM OR ((gestation* OR pregnan* OR gravid* ) NEAR/4 (diabet* OR T2DM OR NIDDM )))ti,ab,kw
'Diabetes, Gestational'/exp OR 'Pregnancy in Diabetics'/exp
('physical activit*' OR 'physical movement*' OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run* ):ti,ab,kw
Exercise/exp OR 'Exercise Therapy'/exp OR Sports/exp
(#1 OR #2) AND (#3 OR #4)
  
```

關鍵步驟！

進入
資料庫

檢索詞
蒐集

搜尋策略
發展

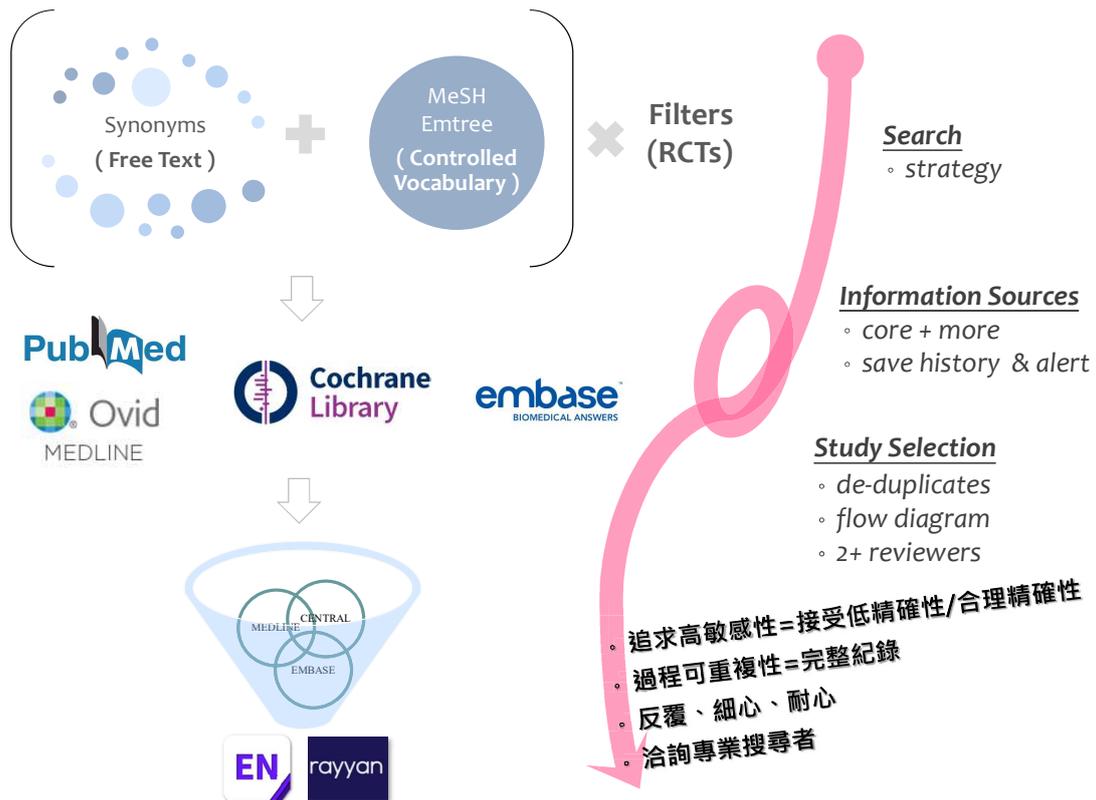
書目匯出

檢索歷史

- 控制詞彙
- 自由詞彙

- 鋪陳策略
- 測試完整性(含已知文章)
- 測試無亂入
- 數量合理負擔

- 儲存
- 更新檢索



遵循方法學上的嚴謹
是成就一篇SR的基礎
也是其可讚之處



方靜如

成功大學醫學圖書分館

flora@ncku.edu.tw

<https://orcid.org/0000-0002-7892-8840>