

系統性文獻搜尋：紀錄表

Literature Search for Conducting Systematic Review: Documentation Form

1. 研究問題 Question

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：	☒ Therapy/Prevention ☐ Diagnosis ☐ Etiology ☐ Other:
收錄研究設計：	☒ RCTs ☐ Cohort Studies ☐ Systematic Reviews ☐ Other:
我的研究設計：	☒ SR/MA ☐ Scoping Review ☐ Umbrella Review ☐ Other:
備註：	

2. 檢索詞 Search Terms

主題概念 一切出來	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 每換行代表 OR (不須標示) 在此請專注於詞彙整理	
P	妊娠 懷孕 孕期 孕婦	gestational diabetes gestational T2DM gestational NIDDM pregnant diabetes pregnancy-induced diabetes	GDM ((gestation* pregnan* gravid*))	maternal diabetes mellitus gestational diabetes pregnancy in diabetics 灰字狹義詞自動納入檢索

	糖尿病	diabetes mellitus gravidarum GDM ...	鄰 3 單字內 (diabet* T2DM NIDDM))	Diabetes, Gestational Pregnancy in Diabetics
I		physical activity physical movement exercise exercise therapy physical exercise kinesiotherapy sports training fitness walking running	(physical 鄰 3 單字內 (activit* movement*)) exercise* kinesio* sport* training fitness walk* run running ...	physical activity, capacity and performance (不狹) physical activity walking running exercise kinesiotherapy training Exercise Walking Running Exercise Therapy Sports
C	(常規不需檢索)	-	-	-
O		glycemic glycaemic blood glucose hba1c hemoglobin A1c glycated hemoglobin glycosylated hemoglobin	glycemi* glycaemi* "blood glucose" hba1c "hemoglobin A1c" "haemoglobin A1c" "glycated hemoglobin" "glycated haemoglobin" "glycosylated hemoglobin" "glycosylated haemoglobin"	glucose blood level glycosylated hemoglobin hemoglobin A1c glycemic control Blood Glucose Glycated Hemoglobin A Glycemic Control
蒐集 管道		☐ ❶ 控制詞彙表之同義詞清單 ☐ ❷ 控制詞彙表之狹義控制詞彙		☐ ❶ 詞表查詢 > 決定控制詞彙位階(廣/狹) ☐ ❷ 高相關文章的控制詞彙給了甚麼

		☐ ❸ Cochrane SR: Search Strategies → Appendices; Supplementary; Methods ☐ ❹ 瀏覽相關文章 ☐ ❺ ChatGPT → 發問架構	→ index term, index miner, subject filter ☐ ❸ Cochrane SR: Search Strategies → Appendices; Supplementary; Methods ☐ ❹ 交叉檢查不同控制詞彙表的對應：若 Embase 有某個控制詞彙，應該推想另一個資料庫(MEDLINE 等)也可能有對應的控制詞彙，反之亦然
重要 檢核		☐ ❶ 單字切截處理 ■ 跨庫通用性，建議使用字尾切截*，並使至少要包含名詞單複數，必要時再擴至形容詞與動詞 ■ 字頭起始太短時，避免使用切截 例：hear*誤找 heart。解法→直接列出可能字尾變化 hear、hearing ☐ ❷ 詞彙去冗：輸入一個單字(詞)即能找出含括者，不需冗贅列出 例：使用 exercise 即能找到 exercise therapy、physical exercise ... 例：使用"quality of life"能找到"health-related quality of life " 無法找到"life quality", "quality-adjusted of life" ☐ ❸ 指定單字間的距離：一個詞彙由兩個單字(含以上)組成時 例 gestational diabetes，必須指定其為下列三種關係之一 文章數由多到少如下，建議採用鄰近字或片語(超重要!) ■ 交集: (gestational AND diabetes) ■ 鄰近字: (gestational 鄰 n 單字內 diabetes) 有多個同義詞群時，並可簡化表達，請參考 After 範例 ■ 片語: "gestational diabetes" 採"雙直引號" 優於 "上下引號" → 設定說明 ☐ ❹ 連字符號: 例 anti-cancer = "anti cancer" ≠ anticancer ☐ ❺ 所有格: "Parkinson* Disease*" 在 Embase 無法找出 "Parkinson's Disease*" ('s 被視為一個單字) 三解法擇一： ■ 只輸入 Parkinson* (當不會找到太多非疾病時) ■ (Parkinson* NEXT/2 Disease*) ■ "Parkinson* Disease*" OR "Parkinson s Disease*" (勿用單引號's) ☐ ❻ 舒適閱讀很重要，檢索詞大小寫法請一致	☐ ❶ 控制詞彙無切截用法 ⑧Exercise* ☐ ❷ 控制詞彙的廣狹義(位階) ■ 無互屬：適用都列出 Exercise、Exercise Therapy ■ 有互屬：列出最適用位階詞 (皆列出亦可) Exercise 廣於 Running 使用 Exercise 即可指定包含 Running 語法將設定自動納入所有狹義詞 筆記時請利用縮格呈現廣狹義，有利釐清關係 可標灰表示不需檢索

3. 搜尋資料庫 Searched Databases

資料庫 Database	新 文 通 知 Alert	搜尋日期 Date searched	筆數 Citations				
			搜尋結果 Records identified from	篇名摘要待篩選 Records screened	全文待獲取 Reports sought for retrieval	全文待篩選 Reports assessed for eligibility	納入分析 Included
1) Embase				included:	included:	included:	Studies included in review: Reports of included studies:
2) MEDLINE (Ovid) 或 PubMed 二擇一							
3) Cochrane CENTRAL							
4) CINAHL (EBSCOhost)							
5) Scopus 或 WOS							
6) ICTRP							
other sources	-	-					
文獻篩選流程 PRISMA flow diagram : 篩選流程管理與去重複書目，可利用相關工具，例如 EndNote、Rayyan 等進行管理。			included:				
			de-duplicates:	excluded:	excluded:	excluded:	excluded: 說明排除理由

4. 搜尋策略 Search Strategy (投稿時附上此項為 Appendix)

資料庫 Database	#	搜尋語法 Search syntax	結果筆數 Citations found
1) Embase.com (Elsevier)	1	P 自由詞彙 (GDM OR ((gestation* OR pregnan*) NEAR/4 (diabet* OR T2DM OR NIDDM))):ti,ab,kw	[Ctrl+H] 尋找目標^p 取代為 OR (留意 OR 前後空 格須包含)
	2	P 控制詞彙 Emtree "maternal diabetes mellitus"/exp	[Ctrl+H] 尋找目標^p 取代為"/exp OR "
	3	I 自由詞彙 ((physical NEAR/4 (activit* OR movement*)) OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run*):ti,ab,kw	
	4	I 控制詞彙 Emtree "physical activity, capacity and performance"/de OR "physical activity"/exp OR "exercise"/exp OR "kinesiotherapy"/exp OR "training"/exp	
	5	O 自由詞彙 (glycemi* OR glycaemi* OR "blood glucose" OR hba1c OR "hemoglobin A1c" OR "haemoglobin A1c" OR "glycated hemoglobin" OR "glycated haemoglobin" OR "glycosylated hemoglobin" OR "glycosylated haemoglobin"):ti,ab,kw	
	6	O 控制詞彙 Emtree "glucose blood level"/exp OR "glycosylated hemoglobin"/exp	

	7	(#1 OR #2) AND (#3 OR #4) AND (#5 OR #6) AND [embase]/lim	All: 1,046
	8	#7 AND ("randomized controlled trial"/de or "controlled clinical trial"/de or "randomization"/de or "intermethod comparison"/de or "double blind procedure"/de or "human experiment"/de OR (random* or placebo or assigned or allocated or volunteer or volunteers or (open NEXT/1 label) or ((double or single or doubly or singly) NEXT/1 (blind or blinded or blindly)) or "parallel group?" or crossover or "cross over" or ((assign* or match or matched or allocation) NEAR/5 (alternate or group? or intervention? or patient? or subject? or participant?)) OR (controlled NEAR/7 (study or design or trial))) :ti,ab OR (compare or compared or comparison or trial):ti OR ((evaluated or evaluate or evaluating or assessed or assess) and (compare or compared or comparing or comparison)):ab NOT (((random* NEXT/1 sampl* NEAR/7 ("cross section*" or questionnaire? or survey* or database?):ti,ab not ("comparative study"/de or "controlled study"/de or "randomi?ed controlled":ti,ab or "randomly assigned":ti,ab)) OR ("Cross-sectional study"/de not ("randomized controlled trial"/de or "controlled clinical study"/de or "controlled study"/de or randomi?ed controlled:ti,ab or "control group?":ti,ab)) OR (((case NEXT/1 control*) and random*) not randomi?ed controlled:ti,ab) OR ("Systematic review" not (trial or study)):ti OR (nonrandom* not random*):ti,ab OR "Random field*":ti,ab OR ("random cluster" NEAR/3 sampl*):ti,ab OR ((review:ab and review/it) not trial:ti) OR ("we searched":ab and (review:ti or review/it)) OR "update review":ab OR (databases NEAR/4 searched):ab OR ((rat or rats or mouse or mice or swine or porcine or murine or sheep or lambs or pigs or piglets or rabbit or rabbits or cat or cats or dog or dogs or cattle or bovine or monkey or monkeys or trout or marmoset?):ti and "animal experiment"/de) OR ("animal experiment"/de not ("human experiment"/de or "human"/de))) Filter Source: Box 3.e, Technical Supplement to Chapter 4: Searching for and Selecting Studies. Cochrane Handbook for Systematic Reviews of Interventions Version 6. (Syntax Translated from Ovid Embase to Elsevier Embase.com.)	RCT: 302
2) MEDLINE (Ovid) and Epub Ahead of Print, In- Process, In- Data-Review & Other Non- Indexed Citations 與 PubMed 二擇一	1	P 自由詞彙 (GDM OR ((gestation* OR pregnan* OR gravid*) ADJ4 (diabet* OR T2DM OR NIDDM))) :ti,ab,kf	[Ctrl+H] 尋找目標^p 取代為"/ OR exp "
	2	P 控制詞彙 MeSH exp "Diabetes, Gestational"/ OR exp "Pregnancy in Diabetics"/	
	3	I 自由詞彙 ((physical ADJ4 (activit* OR movement*)) OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run*) :ti,ab,kf	
	4	I 控制詞彙 MeSH exp "Exercise"/ OR exp "Exercise Therapy"/ OR exp "Sports"/	
	5	O 自由詞彙 (glycemi* OR glycaemi* OR "blood glucose" OR hba1c OR "hemoglobin A1c" OR "haemoglobin A1c" OR "glycated hemoglobin" OR "glycated haemoglobin" OR "glycosylated hemoglobin" OR "glycosylated haemoglobin") :ti,ab,kf	
	6	O 控制詞彙 MeSH exp "Blood Glucose"/ OR exp "Glycated Hemoglobin A"/ OR exp "Glycemic Control"/	
	7	(1 OR 2) AND (3 OR 4) 不加#	ALL: 375
	8	7 AND ((randomized controlled trial.pt. or controlled clinical trial.pt. or randomized.ab. or randomised.ab. or placebo.ab. or drug therapy.fs. or randomly.ab. or trial.ab. or groups.ab.) not (exp animals/ not humans.sh.))	RCT: 177
2)	1	P 自由詞彙 GDM[tiab] OR ((gestation*[tiab] OR pregnan*[tiab] OR gravid*[tiab])	

PubMed 與 Ovid MEDLINE 二擇一 建議 MEDLINE 採用 Ovid 介面語法支持較完整，如有特殊考量可改用 PubMed，但需注意語法調整。請勿兩個都檢索，因為是幾乎是相同資料庫 藍標異於 Ovid 注意 1:單字切截 起始字母數需 >=4 ☒ run* 注意 2:採用鄰近字語法[~3]時：需將字尾變化拼出各種組合，無法併用切截		AND (diabet*[tiab] OR T2DM[tiab] OR NIDDM[tiab]))	
	2	P 控制詞彙 MeSH "Diabetes, Gestational"[mh] OR "Pregnancy in Diabetics"[mh]	
	3	I 自由詞彙 (physical[tiab] AND (activit*[tiab] OR inactiv*[tiab] OR movement*[tiab])) OR exercise*[tiab] OR kinesio*[tiab] OR sport*[tiab] OR training[tiab] OR fitness[tiab] OR walk*[tiab] OR run[tiab] OR running[tiab] 或 "physical activity"[tw:~3] OR "physical activities"[tw:~3] OR "physical inactivity"[tw:~3] OR "physical inactivities"[tw:~3] OR "physical movement"[tw:~3] OR "physical movements"[tw:~3] OR exercise*[tiab] OR kinesio*[tiab] OR sport*[tiab] OR training[tiab] OR fitness[tiab] OR walk*[tiab] OR run[tiab] OR running[tiab]	
	4	I 控制詞彙 MeSH "Exercise"[mh] OR "Exercise Therapy"[mh] OR "Sports"[mh]	
	5	O 自由詞彙 glycemi*[tiab] OR glycaemi*[tiab] OR "blood glucose"[tiab] OR hba1c[tiab] OR "hemoglobin A1c"[tiab] OR "haemoglobin A1c"[tiab] OR "glycated hemoglobin"[tiab] OR "glycated haemoglobin"[tiab] OR "glycosylated hemoglobin"[tiab] OR "glycosylated haemoglobin"[tiab]	
	6	O 控制詞彙 MeSH "Blood Glucose"[mh] OR "Glycemic Control"[mh] OR "Glycated Hemoglobin A"[mh] OR "Glycemic Control"[mh]	
	7	(#1 OR #2) AND (#3 OR #4) AND (#5 OR #6)	ALL: 375
	8	#7 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])) Filter Source: Box 3.a, Technical Supplement to Chapter 4: Searching for and Selecting Studies. Cochrane Handbook for Systematic Reviews of Interventions Version 6. (Add: randomized[tiab])	RCT: 177
3) Cochrane Library: Trials (CENTRAL) 專收 RCT 研究設計，但非 RCT 研究若基於 RCT 所延續發表等，亦有可能收錄其中。若您的研究僅收 RCT，可以自行衡量是否要加入此資料庫檢索 注意:自 2023/6 起不支援鄰近字與切截併用，需修改語法為 NEXT ☒ "pregnan* diabet* ☒ (pregnan* NEXT diabetes) ☒ "post operat*" ☒ (post-operat*) ☒ "post*-operat*"	1	P 自由詞彙 (GDM OR ((gestation* OR pregnan* OR gravid*) NEAR/4 (diabet* OR T2DM OR NIDDM))).ti,ab,kf	複製 MEDLINE 後: [Ctrl+H] 尋找目標/ OR exp 取代為) OR [mh]
	2	P 控制詞彙 MeSH [mh "Diabetes, Gestational"] OR [mh "Pregnancy in Diabetics"]	
	3	I 自由詞彙 ((physical NEAR/4 (activit* OR movement*)) OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run*).ti,ab,kf	
	4	I 控制詞彙 MeSH [mh "Exercise"] OR [mh "Exercise Therapy"] OR [mh "Sports"]	
	5	O 自由詞彙	

		(glycemi* OR glycaemi* OR "blood glucose" OR hba1c OR "hemoglobin A1c" OR "haemoglobin A1c" OR "glycated hemoglobin" OR "glycated haemoglobin" OR "glycosylated hemoglobin" OR "glycosylated haemoglobin").ti,ab,kf	
	6	O 控制詞彙 MeSH [mh "Blood Glucose"] OR [mh "Glycated Hemoglobin A"] OR [mh "Glycemic Control"]	
	7	(#1 OR #2) AND (#3 OR #4) AND (#5 OR #6)	All: 245
	8	#7 (用選單 Limits: in Trials, Cochrane Reviews, Cochrane Protocols)	RCT: 232
4) CINAHL (EBSCOhost) 進階查詢:所有查詢建議均不勾選 ☐ Apply related words ☐ Apply equivalent subjects	1	P 自由詞彙 GDM OR ((gestation* OR pregnan* OR gravid*) N3 (diabet* OR T2DM OR NIDDM))	[Ctrl+H] 尋找目標^p 取代為+ OR mh
	2	P 控制詞彙 CINAHL Subject Heading mh "Diabetes Mellitus, Gestational+" OR mh "Pregnancy in Diabetes+" 逐一附加↑ 或 整串附加↓ mh mh ("Diabetes Mellitus, Gestational+" OR "Pregnancy in Diabetes+")	
	3	I 自由詞彙 (physical N3 (activit* OR movement*)) OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run*	
	4	I 控制詞彙 CINAHL Subject Heading mh "Exercise+" OR mh "Therapeutic Exercise+" OR mh "Sports+" OR mh "Physical Education and Training+" OR mh "Physical Activity+"	
	5	O 自由詞彙 glycemi* OR glycaemi* OR "blood glucose" OR hba1c OR "hemoglobin A1c" OR "haemoglobin A1c" OR "glycated hemoglobin" OR "glycated haemoglobin" OR "glycosylated hemoglobin" OR "glycosylated haemoglobin"	
	6	O 控制詞彙 CINAHL Subject Heading mh "Blood Glucose+" OR mh "Glycated Hemoglobin A+"	
	7	(S1 OR S2) AND (S3 OR S4) AND (S5 OR S6)	All: 268
	8	S7 AND (MH ("randomized controlled trials" OR "double-blind studies" OR "single-blind studies" OR "random assignment" OR "pretest-posttest design" OR "cluster sample") OR TI (randomised OR randomized) OR AB (random*) OR TI (trial) OR (MH (sample size) AND AB (assigned OR allocated OR control)) OR MH (placebos) OR PT (randomized controlled trial) OR AB (control W5 group) OR MH ("crossover design" OR "comparative studies") OR AB (cluster W3 RCT)) NOT ((MH ("animals+" OR "animal studies") OR TI (animal model*)) NOT MH (human))	RCT: 117
5) Web of Science 在進階介面輸入 (無控制詞彙)	1	P 自由詞彙 TS = (GDM OR ((gestation* OR pregnan* OR gravid*) NEAR/3 (diabet* OR T2DM OR NIDDM)))	
	2	I 自由詞彙 TS = ((physical NEAR/3 (activit* OR movement*)) OR exercise* OR kinesio* OR sport* OR training OR fitness OR walk* OR run*)	

	3	○ 自由詞彙 TS = (glycemi* OR glycaemi* OR "blood glucose" OR hba1c OR "hemoglobin A1c" OR "haemoglobin A1c" OR "glycated hemoglobin" OR "glycated haemoglobin" OR "glycosylated hemoglobin" OR "glycosylated haemoglobin")	
	4	#1 AND #2 AND #3	All:
	5	#4 AND (TS= clinical trial* OR TS=research design OR TS=comparative stud* OR TS=evaluation stud* OR TS=controlled trial* OR TS=follow-up stud* OR TS=prospective stud* OR TS=random* OR TS=placebo* OR TS=(single blind*) OR TS=(double blind*))	RCT:

5. 檢索截圖 / 備忘

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#7 AND ('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR random*:de,ab,ti OR factorial*:de,ab,ti OR crossover*:de,ab,ti OR ((cross NEXT/1 over*):de,ab,ti) OR placebo*:de,ab,ti OR ((doubl* NEAR/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)

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

Results Filters

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Sources▼Drugs▼Diseases▼Devices▼Floating Subheadings▼Age▼Gender▼

HistorySave | Delete | Print view | Export | EmailCombine > using And OrCollapse

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

#7 AND ('crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR random*:de,ab,ti OR factorial*:de,ab,ti OR crossover*:de,ab,ti OR ((cross NEXT/1 over*):de,ab,ti) OR placebo*:de,ab,ti OR ((doubl* NEAR/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)

(#1 OR #2) AND (#3 OR #4) AND (#5 OR #6) AND [embase]/lim

'glucose blood level'/exp OR 'glycosylated hemoglobin'/exp OR 'hemoglobin a1c'/exp

glycemic*:ti,ab,kw,de OR glycaemia*:ti,ab,kw,de OR 'blood glucose':ti,ab,kw,de OR hba1c*:ti,ab,kw,de OR 'hemoglobin a1c':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 hemoglobin':ti,ab,kw,de OR 'glycosylated haemoglobin':ti,ab,kw,de

'physical activity'/exp OR 'exercise'/exp OR 'kinesiotherapy'/exp OR 'training'/exp

((physical NEAR/4 (activit* OR inactivi* OR movement* OR training OR fitness)):ti,ab,kw,de) OR exercise*: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

'pregnancy diabetes mellitus'/exp

gdm:ti,ab,kw,de OR (((gestation* OR pregnan*) NEAR/4 (diabet* OR t2dm OR niddm)):ti,ab,kw,de)

3021,046332,296260,560775,3931,152,02135,19544,080

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# ▲	Searches	Results	Type	Actions	Annotations
1	(GDM or ((gestation* or pregnan*) adj4 (diabet* or T2DM or NIDDM))).mp.	28054	Advanced	Display Results More ▼	Contract
2	exp "Diabetes, Gestational"/	11889	Advanced	Display Results More ▼	
3	((physical adj4 (activit* or inactivi* or movement* or training or fitness)) or exercise* or kinesio* or sport* or walk* or run*).mp.	772208	Advanced	Display Results More ▼	
4	exp "Exercise"/ or exp "Exercise Therapy"/ or exp "Sports"/ or exp "Physical Education and Training"/	307815	Advanced	Display Results More ▼	
5	(glycemic* or glycaemia* or "blood glucose" or hba1c* or "hemoglobin A1c" or "haemoglobin A1c" or "glycated hemoglobin" or "glycated haemoglobin").mp.	242996	Advanced	Display Results More ▼	
6	exp "Blood Glucose"/ or exp "Glycated Hemoglobin A"/	178225	Advanced	Display Results More ▼	
7	(1 or 2) and (3 or 4) and (5 or 6)	375	Advanced	Display Results More ▼	
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.))	177	Advanced	Display Results More ▼	

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Enter keyword or phraseKeywordAuthorTitleJournal

Advanced SearchSearch **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*) NEAR/3 (diabet* OR T2DM OR NIDDM)));ti,ab,kw	Limits	2993
-	+	#2	[mh "Diabetes, Gestational"]	Limits	823
-	+	#3	((physical NEAR/4 (activit* OR inactivi* OR movement* OR training OR fitness)) OR exercise* OR kinesio* OR sport* OR walk* OR run*);ti,ab,kw	Limits	138464
-	+	#4	[mh "Exercise"] OR [mh "Exercise Therapy"] OR [mh "Sports"] OR [mh "Physical Education and Training"]	Limits	34197
-	+	#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");ti,ab,kw	Limits	46317
-	+	#6	[mh "Blood Glucose"] OR [mh "Glycated Hemoglobin A"]	Limits	17435
-	+	#7	(#1 OR #2) AND (#3 OR #4) AND (#5 OR #6)	Limits	245
-	+	#8	#7	Limits	232

in Trials

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控制詞彙查詢

Searching: **CINAHL Complete** | [Choose Databases](#)**NATIONAL CHENG KUNG UNIVERSITY**

GDM OR ((gestation* OR pregnan*) N3 (diabet* (	Select a Field (optional) ▾	Search
AND ▾	Select a Field (optional) ▾	
AND ▾	Select a Field (optional) ▾	

Clear ?

+ -

[Basic Search](#) [Advanced Search](#) [Search History](#)**Search Options**

Reset

Search Modes and Expanders**Search modes** ?

- ☐ Boolean/Phrase
- ☒ Find all my search terms
- ☐ Find any of my search terms
- ☐ SmartText Searching [Hint](#)

Apply related words

不勾選任一項

☐**Also search within the full text of the articles**☐**Apply equivalent subjects**☐

EBSCOhost

Searching: CINAHL Complete | Choose Databases

S7 AND ((MH "Clinical Trials+") or (PT Clinical trial))

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
☐ S8	S7 AND ((MH "Clinical Trials+") or (PT Clinical trial) or (TX clinic* n1 trial*) or TX ((sling* n1 blind*) or (sling* n1 mask*)) or TX ((doubl* n1 blind*) or (doub* n1 mask*)) or TX ((tripl* n1 blind*) or (tripl* 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	glyceric* 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 (242,273) View Details Edit
☐ S3	(physical N3 (activ* OR inactiv* 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 ((gestation* OR pregnant*) N3 (diabet* OR T2DM OR NIDDM))	Search modes - Find all my search terms	View Results (12,127) View Details Edit

切 截 字	多字元 跨庫通用 建議採字尾*	combin* glip*tin*	combin* glip*tin* (\$亦可)	combin* glip*tin*	combin* *glip*tin*	combin*	combin* *glip*tin*	combin* *glip*tin*
	1 字元		combine? g?rd ? 0/1 字元; # 1 字元	combine\$ g\$rd \$ 0/1 字元 ; ? 1 字元	combine? g?rd ?lide ? 0/1 字元	combine\$ g?rd \$ 0/1 字元 ; ? 1 字元	combine\$ g\$rd \$lide \$ 0/1 字元 ; ? 1 字元	combine? g?rd ?lide ? 1 字元
片 語	建議採 直引號:	"high dose"	"high dose"	"high dose" 'high dose'	"high dose" 不可→ "high dose*" 須用→ (high next dose*)	"high dose"	"high dose"	"high dose"
鄰 近 字	無次序 例:隔 2 單字內	"high dose"[tiab:~2] "high dose"[ti:~2]	adj3	(high near/3 dose)	near/3	N2	near/2	w/2
	有次序	-	-	(high next/3 dose)	next/3	W2	-	pre/2
組 合	交集	AND (大寫)	and			AND	and	and
	聯集	OR	or			OR	or	or
	差集	NOT	not			NOT	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] 控制詞彙僅適用 CINAHL/MEDLINE	Web of Science	Scopus
自 由 詞 彙	附加方式:	逐一		, 整串 或 逐一				
	廣 SR→	pain[tw] OR ache[tw]	(pain or ache).mp	(pain or ache):ti,ab,kw,de	-	pain OR ache (預設欄位)	ts = (pain or ache)	title-abs-key (pain or ache)
	精	pain[ti] OR ache[ti]	(pain or ache).ti,kf	(pain or ache):ti,kw	(pain or ache):ti,kw	TI (pain OR ache)	ti = (pain or ache) or ab = (pain or ache) or ak = (pain or ache)	title-abs (pain or ache) or authkey (pain or ache)
控 制 詞 彙	附加方式:	逐一		逐一或(整串)/exp 片語引號必須	逐一; 片語引號必須; 必須小寫	整串或逐一; 必須大寫	-	-
	廣 SR→ 含	pain[mh]	exp "pain"/	"pain"/exp	[mh "pain"]	MH ("pain+" OR "pain management+")	-	-
	精 不含 狹義詞	pain[mh:noexp]	"pain"/	"pain"/de	[mh ^"pain"]	MH ("pain" OR "pain management")	-	-
	廣 含	pain[mj]	exp *"pain"/	"back pain"/exp/mj	[mh "back pain"[mj]]	MM ("pain+")	-	-
	精 不含	pain[mj:noexp]	*"pain"/	"back pain"/mj	[mh ^"back pain"[mj]]	MM ("pain")	-	-
	[註 2] Subheading ex. OO 的手術	含 surgery[sh]	adverse effects : ae complication : co drug therapy : dt etiology : et rehabilitation : rh	SU.XS	-	adverse effect : "AE" complications : "CO" drug therapy : "DT" etiology : "ET" risk factors : "RF" rehabilitation : "RH"	-	-
		不含 surgery[sh:noexp]	su.fs	"surgery:lnk	[mh /SU]	MW "SU"	-	-

[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，需逐層比照上述步驟 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，且將不適當運算，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。

表列小寫語法採大小寫均可
(特別標註例外)

附錄 2-1: RCT (Cochrane Trials: CENTRAL 即收錄 RCT，無須套用 Filter)

Embase.com (Elsevier)	Embase (Ovid)	Medline (Ovid)	Medline (PubMed)	CINAHL (EBSCOhost)	PsycInfo (Ovid)	Web of Science
("randomized controlled trial"/de or "controlled clinical study"/de or "randomization"/de or "intermethod comparison"/de or "double blind procedure"/de or "human experiment"/de OR (random* or placebo or "parallel group\$" or crossover or "cross over" or assigned or allocated or volunteer or volunteers):ti,ab OR (open NEAR/1 label):ti,ab OR ((double or single or doubly or singly) NEAR/1 (blind or blinded or blindly)):ti,ab OR ((assign* or match or matched or allocation) NEAR/5 (alternate or group\$ or intervention\$ or patient\$ or subject\$ or participant\$)):ti,ab OR (controlled NEAR/7 (study or design or trial)):ti,ab OR (compare or compared or comparison or trial):ti OR ((evaluated or evaluate or evaluating or assessed or assess) and (compare or compared or comparing or comparison)):ab) NOT (((random* NEAR/1 sampl* NEAR/7 ("cross section*" or questionnaire\$ or survey* or database\$)):ti,ab not ("comparative study"/de or "controlled study"/de or "randomized controlled":ti,ab or "randomly assigned":ti,ab) OR ("cross-sectional study"/de not ("randomized controlled trial"/de or "controlled clinical study"/de or "controlled study"/de or "randomized controlled":ti,ab or "control group\$":ti,ab)) OR (((case NEAR/1 control*) and random*) not "randomized controlled"):ti,ab) OR ((("systematic review" not (trial or study)):ti) OR (nonrandom* not random*)):ti,ab) OR ("random field\$":ti,ab) OR ((("random cluster" NEAR/3 sampl*):ti,ab) OR ((review:ab and review/it) not trial:ti) OR ("we searched":ab and (review:ti or review/it)) OR ("update review":ab) OR ((databases NEAR/4 searched):ab) OR ((rat or rats or mouse or mice or swine or porcine or murine or sheep or lambs or pigs or piglets or rabbit or rabbits or cat or cats or dog or dogs or cattle or bovine or monkey or monkeys or trout or marmoset*)):ti and "animal experiment"/de) OR ("animal experiment"/de not ("human experiment"/de or "human"/de))) Filter Source: Box 3.e, Technical Supplement to Chapter 4: Searching for and Selecting Studies. Cochrane Handbook for Systematic Reviews of Interventions Version 6. (Syntax Translated from Ovid Embase to Elsevier Embase.com. 原出處 Ovid Embase 版，且為逐行檢索，此已由成大醫圖轉換並合併為一串) (若此語法找出總文章量過多，可以洽詢改用其他 RCTs 語法)	((Randomized controlled trial/) OR (Controlled clinical study/) OR (random\$.ti,ab.) OR (randomization/) OR (intermethod comparison/) OR (placebo.ti,ab.) OR ((compare or compared or comparison).ti.) OR (((evaluated or evaluate or evaluating or assessed or assess) and (compare or compared or comparing or comparison)).ab.) OR ((open adj label).ti,ab.) OR (((double or single or doubly or singly) adj (blind or blinded or blindly)).ti,ab.) OR (double blind procedure/) OR (parallel group\$1.ti,ab.) OR ((crossover or cross over).ti,ab.) OR (((assign\$ or match or matched or allocation) adj\$ (alternate or group\$1 or intervention\$1 or patient\$1 or subject\$1 or participant\$1)).ti,ab.) OR ((assigned or allocated).ti,ab.) OR ((controlled adj\$ (study or design or trial)).ti,ab.) OR ((volunteer or volunteers).ti,ab.) OR (human experiment/) OR (trial.ti.)) NOT ((random\$ adj sampl\$ adj\$ ("cross section\$" or questionnaire\$1 or survey\$ or database\$1).ti,ab.) not (comparative study/ or controlled study/ or randomi?ed controlled.ti,ab. or randomly assigned.ti,ab.) OR (Cross-sectional study/ not (randomized controlled trial/ or controlled clinical study/ or controlled study/ or randomi?ed controlled.ti,ab. or control group\$1.ti,ab.)) OR (((case adj control\$) and random\$) not randomi?ed controlled.ti,ab.) OR ((Systematic review not (trial or study)).ti.) OR ((nonrandom\$ not random\$).ti,ab.) OR ("Random field\$".ti,ab.) OR ((random cluster adj\$ sampl\$).ti,ab.) OR ((review.ab. and review.pt.) not trial.ti.) OR ("we searched".ab. and (review.ti. or review.pt.)) OR ("update review".ab.) OR ((databases adj\$ searched).ab.) OR ((rat or rats or mouse or mice or swine or porcine or murine or sheep or lambs or pigs or piglets or rabbit or rabbits or cat or cats or dog or dogs or cattle or bovine or monkey or monkeys or trout or marmoset\$1).ti. and animal experiment/) OR (Animal experiment/ not (human experiment/ or human/))) Filter Source: Box 3.e, Technical Supplement to Chapter 4: Searching for and Selecting Studies. Cochrane Handbook for Systematic Reviews of Interventions Version 6. (原出處為逐行檢索，此已由成大醫圖合併為一串)	sensitivity-maximizing (優先採用): (randomized controlled trial.pt. 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.)) Filter Source: Box 3.c, Technical Supplement to Chapter 4: Searching for and Selecting Studies. Cochrane Handbook for Systematic Reviews of Interventions Version 6. (Add: randomised.ab) sensitivity- and precision-maximizing (折衷採用): (randomized controlled trial.pt. or controlled clinical trial.pt. or randomi*zed.ab. or placebo.ab. or clinical trials as topic.sh. or randomly.ab. or trial.ti. NOT (exp animals/ not humans.sh.)) Filter Source: Box 3.d, Technical Supplement to Chapter 4: Searching for and Selecting Studies. Cochrane Handbook for Systematic Reviews of Interventions Version 6. (Add: randomised.ab)	sensitivity-maximizing(優先採用): (randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomi*ed[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] NOT (animals[mh] NOT humans[mh])) Filter Source: Box 3.a, Technical Supplement to Chapter 4: Searching for and Selecting Studies. Cochrane Handbook for Systematic Reviews of Interventions Version 6. (Add: randomized[tiab]) sensitivity- and precision-maximizing (折衷採用): (randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomi*ed[tiab] OR placebo[tiab] OR clinical trials as topic[mesh:noexp] OR randomly[tiab] OR trial[ti] NOT (animals[mh] NOT humans [mh])) Filter Source: Box 3.b, Technical Supplement to Chapter 4: Searching for and Selecting Studies. Cochrane Handbook for Systematic Reviews of Interventions Version 6. (Add: randomized[tiab])	((MH ("randomized controlled trials" OR "double-blind studies" OR "single-blind studies" OR "random assignment" OR "pretest-posttest design" OR "cluster sample") OR TI (randomised OR random*) OR AB (random*) OR TI (trial) OR (MH (sample size) AND AB (assigned OR allocated OR control)) OR MH (placebos) OR PT (randomized controlled trial) OR AB (control W5 group) OR MH ("crossover design" OR "comparative studies") OR AB (cluster W3 RCT)) NOT ((MH ("animals+" OR "animal studies") OR TI (animal model*)) NOT MH (human))) Filter Source: Box 3.f., Technical Supplement to Chapter 4: Searching for and Selecting Studies. Cochrane Handbook for Systematic Reviews of Interventions Version 6.	Watson et al: ("Treatment Effectiveness Evaluation"/ OR exp "Treatment Outcomes"/ OR "Placebo"/ OR "Followup Studies"/ OR (placebo* OR random* OR "comparative stud*" OR (clinical ADJ4 trial*) OR (research ADJ4 design) OR (evaluat* ADJ4 stud*) OR (prospectiv* ADJ4 stud*) OR ((singl* OR doubl* OR trebl* OR tripl*) ADJ4 (blind* OR mask*))).mp) Eady et al: Best sensitivity: ((random* OR control*).mp OR exp "treatment"/) Best optimization of sensitivity and specificity: ("double-blind" OR "random* assigned" OR control).mp Filter Source: Eady AM, Wilczynski NL, Haynes RB. PsycINFO search strategies identified methodologically sound therapy studies and review articles for use by clinicians and researchers. Journal of Clinical Epidemiology. 2008 Jan;61(1):34-40. 本區參考 Cochrane 推薦 ProQuest 介面語法，修改為 Ovid 介面語法 PsycInfo (EBSCOhost) Watson et al: (DE ("Treatment Effectiveness Evaluation" OR "Treatment Outcomes" OR "Psychotherapeutic Outcomes" OR "Placebo" OR "Followup Studies") OR (placebo* OR random* OR "comparative stud*" OR (clinical N3 trial*) OR (research N3 design) OR (evaluat* N3 stud*) OR (prospectiv* N3 stud*) OR ((singl* OR doubl* OR trebl* OR tripl*) N3 (blind* OR mask*)))) Filter Source: Watson RJ, Richardson PH. Identifying randomized controlled trials of cognitive therapy for depression: comparing the efficiency of Embase, Medline and PsycINFO bibliographic databases. Br J Med Psychol. 1999 Dec;72 (Pt 4):535-42. Eady et al: Best sensitivity: EBSCOhost 介面無法直接以單一符號表示包含被義詞，逐一列出數量太龐大，因此不予轉譯 Best optimization of sensitivity and specificity: ("double-blind" OR "random* assigned" OR control) Filter Source: Eady AM, Wilczynski NL, Haynes RB. PsycINFO search strategies identified methodologically sound therapy studies and review articles for use by clinicians and researchers. Journal of Clinical Epidemiology. 2008 Jan;61(1):34-40. 本區參考 Cochrane 推薦 ProQuest 介面語法，修改為 EBSCOhost 介面語法	(TS= clinical trial* OR TS=research design OR TS=comparative stud* OR TS=evaluation stud* OR TS=controlled trial* OR TS=follow-up stud* OR TS=prospective stud* OR TS=random* OR TS=placebo* OR TS=(single blind*) OR TS=(double blind*)) Filter Source: American University of Beirut Scopus (INDEXTERMS ("clinical trials" OR "clinical trials as a topic" OR "randomized controlled trial" OR "Randomized Controlled Trials as Topic" OR "controlled clinical trial" OR "Controlled Clinical Trials" OR "random allocation" OR "Double-Blind Method" OR "Single-Blind Method" OR "Cross-Over Studies" OR "Placebos" OR "multicenter study" OR "double blind procedure" OR "single blind procedure" OR "crossover procedure" OR "clinical trial" OR "controlled study" OR "randomization" OR "placebo") OR TITLE-ABS-KEY ("clinical trials" OR "clinical trials as a topic" OR "randomized controlled trial" OR "Randomized Controlled Trials as Topic" OR "controlled clinical trial" OR "Controlled Clinical Trials as Topic" OR "random allocation" OR "randomly allocated" OR "allocated randomly" OR "Double-Blind Method" OR "Single-Blind Method" OR "Cross-Over Studies" OR "Placebos" OR "cross-over trial" OR "single blind" OR "double blind" OR "factorial design" OR "factorial trial") OR TITLE (clinical trial OR trial OR rct* OR random* OR blind*)) Filter Source: This filter is built by NUS Medical Library using MESH and EMTREE terms as Index terms and Keywords. Useful to search in Scopus for RCTs.

附錄 2-2: Quasi Experimental Study 類實驗 (不同問題類型/研究設計、資料庫/平台，套用的 Filters 各異，如有需要請洽詢)

Embase.com [Elsevier]	Medline [Ovid]	Medline [PubMed]	CINAHL [EBSCOhost]	PsycInfo [Ovid]	Web of Science
((pretest* OR posttest* OR "pre test" OR "post test*" OR "quasi experiment*" OR quasiexperiment* OR "repeated measure*" OR "time series"):ti,ab,kw OR "pretest posttest design"/exp OR "pretest posttest control group design"/exp OR "quasi experimental study"/exp OR "time series analysis"/exp)	(pretest* OR posttest* OR "pre test" OR "post test*" OR "quasi experiment*" OR quasiexperiment* OR "repeated measure*" OR "time series").mp	(pretest*[tw] OR posttest*[tw] OR "pre test"[tw] OR "post test"[tw] OR "quasi experiment*" [tw] OR quasiexperiment*[tw] OR "repeated measure*" [tw] OR "time series"[tw])	((pretest* OR posttest* OR "pre test" OR "post test*" OR "quasi experiment*" OR quasiexperiment* OR "repeated measure*" OR "time series") OR MH ("pretest-posttest design+" OR "pretest-posttest control group design+" OR "quasi-experimental studies+"))	((pretest* OR posttest* OR "pre test" OR "post test*" OR "quasi experiment*" OR quasiexperiment* OR "repeated measure*" OR "time series").mp OR exp "Pretesting"/ OR exp "Posttesting"/ OR exp "Quasi Experimental Methods "/ OR exp "Repeated Measures"/ OR exp "Time Series"/)	TS = (pretest* OR posttest* OR "pre test" OR "post test*" OR "quasi experiment*" OR quasiexperiment* OR "repeated measure*" OR "time series")
				PsycInfo [EBSCOhost]	Scopus title-abs-key (pretest* OR posttest* OR "pre test" OR "post test*" OR "quasi experiment*" OR quasiexperiment* OR "repeated measure*" OR "time series")
				(pretest* OR posttest* OR "pre test" OR "post test*" OR "quasi experiment*" OR DE (quasiexperiment* OR "Repeated Measures" OR "time series") OR "Pretesting" OR "Posttesting" OR "Quasi Experimental Methods" OR "Repeated Measure" OR "Time Series")	
				Psychology and Behavioral Sciences Collection: PBSC (EBSCOhost)	
				--	