

文獻搜尋與管理 - 1

搜尋策略

Yiching Wang

2021/9/13

文獻檢索之目的



文獻檢索流程



1. 確定主題

明確的主題越容易搜尋

對象

中風 / 自閉症 / 思覺
失調症 / ADHD

研究類型

療效 / 機制探討 / 驗
證 / 發展

成效指標

手部動作 / ADL / 社
會功能

關鍵字

療法 / 信度 / 效度 /
反應性

1. 確定主題

練習：

1. 社會認知介入對於思覺失調症患者社交技巧之成效
2. 阿茲海默氏症患者之生活功能關聯因子

對象

研究類型

成效指標

關鍵字

2. 常用之文獻檢索平台

- PubMed (生命科學及其他自然科學相關文獻)
- MEDLINE (生命科學相關)
- 華藝線上圖書館 (中文醫學與生命科學期刊)
- **Cochrane Library** (文獻回顧限定)
- **CINAHL** (護理領域)
- **PsycINFO** (心理領域)
- **OTSeeker** (OT領域)
- **Google Scholar** (通通有，但過雜而不易檢索)

PubMed vs. MEDLINE

	PubMed	MEDLINE
發展者	美國國家圖書管 (NLM) 美國國家生物技術資訊中心 (NCBI)	
性質	搜尋平台	資料庫
涵蓋範圍	<u>較大</u> ，包含其他自然學科	<u>較小</u> ，僅限生科領域
內容屬性	可能尚未出版 可能尚未加上MeSH	均已出版，且有MeSH

3. 設定文獻檢索策略

- 目的：系統性查找文獻之方法
- 原則：先求完整，再求精確



自然語言 / 關鍵字

- **重要性**：關鍵字越完整，檢索結果越完整
- **方法**：
 - 專業知識
 - 參考文獻（如回顧型文獻 / 看別人怎麼搜尋）
 - Google相關網頁（如Wiki）
- **e.g.**，
 - 中風：Stroke, CVA, infarction, hemorrhage, ischemia...
 - 社會功能：social function, social participation, relationships...

關鍵字檢索方法



Log in

PubMed.gov

Search

Advanced

PubMed® comprises more than 32 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full text content from PubMed Central and publisher web sites.

限定檢索欄位

限制關鍵字出現的位置

- 關鍵字 [欄位名稱]

常用之限定欄位

- **標題 [ti]** : 易狹隘，可能找不到文獻
- **標題與摘要 [tiab]** : 較精確
- **全文 [tw]** : 較寬鬆，但易找到相關性較低的文獻
- **作者 [au]** : 相對少用，除非有明確之搜尋對象
- **期刊 [jo]** : 相對少用，除非有明確之目標期刊
- **MeSH [mh]** : 精準 / 廣度兼具，但未必有現成可用

文獻之資料欄位

期刊名稱/發表年代/卷號/期號

> Patient Educ Couns. 2020 Nov;103(11):2342-2346. doi: 10.1016/j.pec.2020.04.023.
Epub 2020 Apr 27.

Development of a battery of phase-adaptive health literacy tests for stroke survivors

標題[ti]

Yi-Jing Huang¹, Cheng-Te Chen², Kristine Sørensen³, Ching-Lin Hsieh⁴, Wen-Hsuan Hou⁵

作者[au]

Affiliations + expand

PMID: 32389387 DOI: 10.1016/j.pec.2020.04.023

Abstract

摘要[ab]

Objective: We aimed to develop a health literacy battery for three phases of stroke (HL-3S).

Methods: Three Rasch-based item banks corresponding to health care, disability prevention, and health promotion in the acute, subacute, and chronic phases of stroke, respectively, were developed by a multidisciplinary stroke team. To construct the HL-3S, a panel of clinical and Rasch experts selected items from the three Rasch-based item banks according to content representativeness and item difficulty diversity. Additionally, the validity and reliability of the HL-3S were examined using Rasch analysis.

Results: This study included 442 patients. Each of the three tests in the HL-3S contained 10 items with a 5-point scale of difficulty levels. The items in HL-3S demonstrated unidimensionality, local independence, and favorable Rasch reliability.

Conclusion: The HL-3S, with 10 items in each test, had favorable construct validity and Rasch reliability. The HL-3S can be considered as a quick-to-administer and phase-adaptive test battery of health literacy for stroke survivors.

Practice implications: Clinicians may select one of the tests in the HL-3S corresponding with the patient's stroke recovery timeline and thereby provide adaptive health education programs to increase the patient's ability to actively participate in health care, disability prevention, and health promotion, respectively.

Keywords: Health literacy; Outcome assessment; Phases of stroke recovery; Rasch analysis; Stroke.

FULL TEXT LINKS

ELSEVIER
FULL-TEXT ARTICLE

全文[tw]

ACTIONS

“ Cite

☆ Favorites

SHARE



PAGE NAVIGATION

< Title & authors

Abstract

Conflict of interest statement

Similar articles

Publication types

論文中的重要概念

LinkOut - more resources

切截符號

- 功能：以符號替代各種變化型
- 方法：PubMed使用 [*] 取代變化位置
 - 輸入：therap*
 - therapist, therapists, therapy, therapies, therapeutic, therapeutics

限定在標題檢索：therap*

PubMed Advanced Search Builder



[User Guide](#)

Add terms to the query box

Title	↕	therap*	×
-------	---	---------	---

ADD ▼

[Show Index](#)

Query box

Enter / edit your search query here

Search ▼

片語檢索

功能：綁定詞組，不想讓片語被拆開檢索

方法：把詞彙放在 [“ ”] 裡

activities of daily living

“activities of daily living”

搜尋策略

"activities of daily living"[MeSH Terms] OR ("activities"[All Fields] AND "daily"[All Fields] AND "living"[All Fields]) OR "activities of daily living"[All Fields]

"activities of daily living"[All Fields]

 包含各種排列組合之聯集

...in daily life...activities
living in ...

 僅搜尋特定片語

activities of daily living

在標題檢索：“activities of daily living”

PubMed Advanced Search Builder



[User Guide](#)

Add terms to the query box

Title	▼	"activities of daily living"	×
-------	---	------------------------------	---

ADD ▼

[Show Index](#)

Query box

Enter / edit your search query here

Search ▼

醫學詞彙

Medical Subject Headings (MeSH)

- 醫學主題 (類似：分類標籤)
- 由圖書館員所定之現成標籤
- 使用步驟：
 - 先搜尋MeSH資料庫：看有無現成標籤
 - 在PubMed平台中加 [mh] 檢索

如何找MeSH term

於PubMed頁面，點選 [MeSH Database]，
或可直接至以下網址

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



Learn

About PubMed
FAQs & User Guide
Finding Full Text



Find

Advanced Search
Clinical Queries
Single Citation Matcher



Download

E-utilities API
FTP
Batch Citation Matcher



Explore

MeSH Database
Journals
Legacy PubMed (available until at
least 10/31/2020)

如何找MeSH term

輸入關鍵字

NCBI Resources ▾ How To ▾

PubMed.gov
US National Library of Medicine
National Institutes of Health

MeSH ▾ stroke

Advanced



PubMed

PubMed comprises more than 27 million citations books. Citations may include links to full-text con

依據定義選擇適合的MeSH term

NCBI Resources How To

MeSH MeSH stroke Search

Create alert Limits Advanced

Summary 20 per page Send to:

Search results

Items: 16

定義

[Stroke](#)

1. A group of pathological conditions characterized by sudden, non-convulsive loss of neurological function due to BRAIN ISCHEMIA or INTRACRANIAL HEMORRHAGES. **Stroke** is classified by the type of tissue NECROSIS, such as the anatomic location, vasculature involved, etiology, age of the affected individual, and hemorrhagic vs. non-hemorrhagic nature. (From Adams et al., Principles of Neurology, 6th ed, pp777-810)
Year introduced: 2008 (2000)

[Stroke, Lacunar](#)

2. **Stroke** caused by lacunar infarction or other small vessel diseases of the brain. It features hemiparesis (s or hemisensory motor loss.
Year introduced: 2012

[National Institute of Neurological Disorders and Stroke \(U.S.\)](#)

3. Component of the NATIONAL INSTITUTES OF HEALTH. It supports and conducts research, both basic and clinical, on the normal and diseases nervous system. It was established in 1950.
Year introduced: 2009

相關的 MeSH

PubMed Search Builder

Add to search builder AN Search PubMed

Find related data Database: Select Find items

Search details "stroke"[MeSH Terms] OF Word]

MeSH term

- MeSH term的字詞固定，不能自行增減或使用切截符號
- PubMed預設自動擴展MeSH tree中特定MeSH term及其以下階層之MeSH terms

[All MeSH Categories](#)

[Diseases Category](#)

[Nervous System Diseases](#)

[Central Nervous System Diseases](#)

[Brain Diseases](#)

[Cerebrovascular Disorders](#)

Stroke

[Brain Infarction](#)

[Brain Stem Infarctions](#) +

[Cerebral Infarction](#) +

[Hemorrhagic Stroke](#)

[Ischemic Stroke](#)

[Embolic Stroke](#)

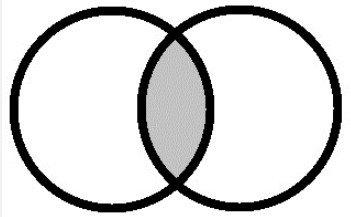
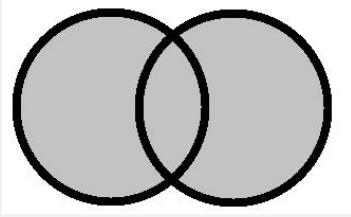
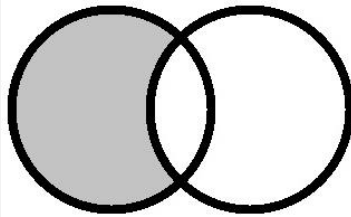
[Thrombotic Stroke](#) +

Keywords vs. MeSH

	Keywords 關鍵字	MeSH 醫學詞彙
是否出現於內文中	是	不一定
標註者	作者	NLM聘請之學術專家
代表文章概念	不一定	可

- 用MeSH檢索 = 用主題查詢
- 較不需擔心漏掉同義詞或同概念詞彙

布林邏輯

運算元	舉例	圖示	功能
AND 交集	Stroke AND Balance		<ol style="list-style-type: none">1. 縮小檢索範圍2. 用於相異概念詞彙3. 檢索同時包含stroke與balance的文獻
OR 聯集	Fall OR Balance		<ol style="list-style-type: none">1. 擴大檢索範圍2. 用於相似概念詞彙3. 檢索包含Fall或balance任一詞彙之文獻
NOT 差集	Stroke NOT TIA		<ol style="list-style-type: none">1. 排除不想檢索的範圍2. 檢索包含stroke，但不包含TIA的文獻

補充

當關鍵詞組間的結合有先後順序，可用括號包覆括號內先運算

Search	Actions	Details	Query	Results	Time
#6	...	▼	Search: stroke and ("quality of life" not "activities of daily living") ("stroke"[MeSH Terms] OR "stroke"[All Fields] OR "strokes"[All Fields] OR "stroke s"[All Fields]) AND ("quality of life"[All Fields] NOT "activities of daily living"[All Fields]) Translations stroke: "stroke"[MeSH Terms] OR "stroke"[All Fields] OR "strokes"[All Fields] OR "stroke's"[All Fields]	7,759	21:58:45
#5	...	▼	Search: "stroke" and "quality of life" not "activities of daily living" ("stroke"[All Fields] AND "quality of life"[All Fields]) NOT "activities of daily living"[All Fields]	7,562	21:58:02

篩選器

- **功能**：限制搜尋的結果，使結果更精簡、精確
- **常用的filters**
 - 文章種類 (article types)：限制文獻類型
 - 年代 (publication dates)：限制發表年代
 - 語言 (languages)：限制使用語言
 - 物種 (species)：限制研究對象

若要篩選「心理計量類型」之文獻

Article types → 勾選 Validation 及 Evaluation studies

篩選器

TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

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

PUBLICATION DATE

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

- [\[Quality of life and disability after severe stroke and early neurological rehabilitation\]](#)

2

Cite Seidel G, Röttinger A, Lorenzen J, Kücken D, Majewski A, Klose K, Terborg C, Klass I, Wohlmuth P, Zukunft E, Debacher U.

Share

Nervenarzt. 2019 Oct;90(10):1031-1036. doi: 10.1007/s00115-019-0740-4. PMID: 31139851 German.

Female sex reduced the risk for a poorer outcome after 12 months (OR 0.49 [0.25, 0.96]; p = 0.04).

Quality of life (SF-12) was not different over time. The mental **quality of life** showed no differences (p = 0.32) compared to a historical, significantly ...

- [Using aerobic exercise to improve health outcomes and quality of life in stroke: evidence-based exercise prescription recommendations.](#)

3

Cite Pang MY, Charlesworth SA, Lau RW, Chung RC.

Share

Cerebrovasc Dis. 2013;35(1):7-22. doi: 10.1159/000346075. Epub 2013 Feb 14. PMID: 23428993 **Free article.** Review.

The objective of this systematic review was to determine the effects of aerobic exercise on various indicators of health, functioning and **quality of life in stroke** patients. It was hypothesized that the systematic review would reveal compelling support for th ...

- [Mind-Body Interventions, Psychological Stressors, and Quality of Life in Stroke Survivors.](#)

4

Cite Love MF, Sharrief A, Chaoul A, Savitz S, Beauchamp JES.

Share

Stroke. 2019 Feb;50(2):434-440. doi: 10.1161/STROKEAHA.118.021150. PMID: 30612536

Evidence suggests mind-body interventions in other chronic illness populations decrease symptoms of depression, regulate immune responses, and promote resilience, yet similar studies are lacking in **stroke**

篩選器 - additional filters

ARTICLE TYPE

SPECIES

LANGUAGE

SEX

SUBJECT

JOURNAL

AGE

Dataset

Dictionary

Directory

Duplicate Publication

Editorial

Electronic Supplementary Materials

English Abstract

Evaluation Study

Festschrift

Government Publication

Guideline

Historical Article

Interactive Tutorial

Interview

Introductory Journal Article

Research Support, N.I.H., Extramural

Research Support, N.I.H., Intramural

Research Support, Non-U.S. Gov't

Research Support, U.S. Gov't, Non-P.H.S.

Research Support, U.S. Gov't, P.H.S.

Research Support, U.S. Gov't

Retracted Publication

Retraction of Publication

Scientific Integrity Review

Technical Report

Twin Study

Validation Study

Video-Audio Media

Webcast

Cancel Show

篩選器 - 只想找MEDLINE資料庫

×

ARTICLE TYPE

Dental journals

MEDLINE

SPECIES

Nursing journals

LANGUAGE

SEX

SUBJECT

JOURNAL

AGE

Cancel Show

4. 檢索結果 - 衡量好壞

- **原則**：前 20 篇的命中率（結果符合欲搜尋主題之比率）
 - 若高，則方向大致正確；確認完整度後，可精讀
 - 若低，調整搜尋策略（補上缺漏 / 刪除多餘）
- **搜尋文獻數**
 - **太多（數千）**：檢索策略可能不夠精確，難以挑出需要的文獻
 - 增加檢索條件或增加filters
 - **太少（個位至數十）**：可能遺漏相關的文獻
 - 放寬檢索條件或減少filters

5. 儲存檢索結果/自動提醒

History and Search Details Download Delete

Search	Actions	Details	Query	Results	Time
#6	⋮	Add query	stroke and ("quality of life" not "activities of daily living")	7,759	22:02:41
#5	⋮	Delete	stroke" and "quality of life" not "activities of daily living"	7,562	21:58:02
#4	⋮	Create alert	development of a battery of phase-adaptive health literacy tests for stroke survivors	1	21:37:42

登入 My NCBI即可查找saved searches

6. 取得全文的方法

- PubMed中的取得全文 (full text)
- Google Scholar 中的取得全文 (full text)
- 實體資源 (台大圖書館)
- 館際合作
 - 期刊文獻快遞服務(JADE)
 - 全國文獻傳遞服務 (NDDS)

~~—Sci Hub~~

取得全文 - PubMed連結

Review > J Health Psychol. 2017 Jan;22(1):16-28. doi: 10.1177/1359105315595117.

Epub 2016 Jul 10.

Coping strategies and health-related quality of life after stroke

Viviana Lo Buono ¹, Francesco Corallo ¹, Placido Bramanti ¹, Silvia Marino ^{1 2}

Affiliations + expand

PMID: 26220458 DOI: 10.1177/1359105315595117

Abstract

Cerebral stroke causes a significant worsening of health-related quality of life. This review was conducted on studies investigating whether the levels of quality of life were influenced by the coping strategies used by stroke patients. We searched on PubMed and Web of Science databases and screening references of included studies and review articles for additional citations. From initial 389 publications, we included only 6 studies that met search criteria and described the association between coping and quality of life. Results showed that patients who prefer accommodative or active coping strategies had a better quality of life after stroke when compared with patients who adopted assimilative coping.

Keywords: coping; disability; quality of life; stroke.

FULL TEXT LINKS

 SAGE journals

ACTIONS

“ Cite

☆ Favorites

SHARE



PAGE NAVIGATION

< Title & authors

Abstract

Similar articles

Cited by

取得全文 - Google Scholar

Google 學術搜尋 efficacy and feasibility of the integrated psychological therapy for outpatients 登入

文章 我的個人學術檔案 我的圖書館

不限時間
2017 以後
2016 以後
2013 以後
自訂範圍...

按照關聯性排序
按日期排序

Efficacy and feasibility of the Integrated Psychological Therapy for outpatients with schizophrenia in Greece: Final results of a RCT
S Rakitzi, P Georgjila, K Efthimiou, DR Mueller - Psychiatry research, 2016 - Elsevier
Abstract The goal of this study was to evaluate the efficacy and the feasibility of cognitive remediation group therapy in patients with schizophrenia in Greece. For this purpose, the cognitive part of the Integrated Psychological Therapy (IPT), focusing on neuro-and social cognition, was compared in a randomized controlled trial (RCT) with treatment as usual (TAU). 48 outpatients took part in the study. IPT groups received 20 biweekly 1-h-therapy ...
☆ 00 被引用 4 次 相關文章 全部共 8 個版本

[PDF] ibrt.gr

Google regional variation in stroke rehabilitation outcomes 輸入要找的論文標題

學術搜尋 約有 35,300 項結果 (0.11 秒)

文章 我的圖書館

提示：如只要搜尋中文（繁體）的結果，可使用學術搜尋設定指定搜尋語言。

Regional Variation in Stroke Rehabilitation Outcomes
TA Reistetter, AM Karmarkar, JE Graham...
Your selection(s) could not be saved due to JavaScript to use all the features on this page.
Therapy Association, April 30, 2010, Orlando
相關文章 全部共 4 個版本 導入EndNote

出現 "full text" 字樣 表示可取得全文

Full text @ NTU (臺大)

不限時間
2014 以後
2013 以後

自臺大醫圖取得全文

1. 臺大醫圖首頁

<http://ntum1.mc.ntu.edu.tw/Index.action>

2. 進入「電子資源」→「電子期刊」

3. 以論文之期刊名稱/卷號/期號查詢

4. 進入出版社網頁下載全文

補充 - MEDLINE指令與PubMed指令對照

	Pubmed	MEDLINE
MeSH	[mh]	/ exp /
字尾切截 (多字元)	*	\$
中間切截 (單字元)	-	#
選擇性切截 (單字元)	-	?
所有欄位	[all field]	.af
鄰近字 Near operator	-	adj N (N表示字和字之間可以間隔的字數)
精確片語 Exact phrases	“ “	“ “

MeSH

Brain Diseases

Cerebrovascular Disorders

Stroke

Brain Infarction

Brain Stem Infarctions +

Cerebral Infarction +

Hemorrhagic Stroke

Ischemic Stroke

Embolic Stroke

Thrombotic Stroke +

stroke /

僅含特定MeSH term

Stroke [mh]

自動擴展特定MeSH term
及其以下階層

exp Stroke /

特定MeSH term及
其以下階層

PubMed

MEDLINE

切截符號

1. 字尾切截 \$

例如execut\$, 可查出含execute, execution, executive...等字的文獻

2. 中間切截

代換必存在的一個字元

例如paralys#s, 可查出含paralysis, paralyses的文獻

3. 選擇性切截 ?

代換可能存在的一個字元

例如h?emorrhage, 可查出haemorrhage, hemorrhage

鄰近字 Near operator

- 無次序

- **adj N :**

“stroke adj5 rehabilitation”

可查出stroke與rehabilitation中間含5個字以下的文獻，

例如：stroke rehabilitation, rehabilitation of stroke等

補充 - Cochrane library 檢索



Trusted evidence.
Informed decisions.
Better health.

Access provided by: National Taiwan University

English

English

Sign In

Cochrane Reviews ▾

Trials ▾

Clinical Answers ▾

About ▾

Help ▾

About Cochrane ▶



We noticed your browser language is Traditional Chinese.

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



Advanced Search

Search

Search manager

Medical terms (MeSH)

PICO search^{BETA}

Save search

View saved searches

Search help

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

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

Title Abstract Keyword ▾

Type a search term



Search limits

Send to search manager

Run search

Clear all

參考檢索策略

Interventions for improving medical students' interpersonal communication in medical consultations

Appendices

Appendix 1. MEDLINE search strategy

1. students medical/
2. ((student* or graduate* or undergraduate* or postgraduate*) adj3 (medical or medicine)).ti,ab,kw.
3. education medical/
4. education medical undergraduate/
5. clinical clerkship/
6. education medical graduate/
7. (medic* adj3 (education or school* or course* or curricul*)).ti,ab,kw.
8. or/1-7
9. communication/

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Read comments on this Review(0)

Print Share Follow

Am score 49

Abstract
Plain language summary
Authors' conclusions
Summary of findings
Background
Objectives
Methods
Results
Discussion

Appendices

通常在methods或appendices

Thanks for listening!



Any questions?