

護理專論課程-- 文獻檢索

課程內容

- 為何使用實證護理文獻?
- 文獻檢索概念
 - 一般性中文資料庫
 - Aritlibrary華藝線上圖書館 (CEPS思博網)
 - HyRead台灣全文資料庫
 - 醫學護理資料庫
 - PubMed
 - CINAHL(護理)
 - MEDLINE (醫學)
 - 實證資料(實證研究機構及實證資料庫)
 - Cochrane Library

實證護理定義

依據國際榮譽護理學會（Sigma Theta Tau international, 2004）定義實證護理（Evidence Based Nursing，EBN）：涵蓋現有之最佳證據及護理實務經驗，並重視個人及其所屬家庭及社區之價值及偏好的護理照護。

宋惠娟, & Chang, A. M. (2004)。認識實證護理：簡介及相關資源。慈濟護理雜誌，3(2)，8-13.

執行實證護理的五大步驟

步驟一：提出一個可以實證回答的問題

步驟二：尋找文獻證據

步驟三：嚴格評析文獻

步驟四：執行實證為基礎的護理措施於病人身上

步驟五：評估所執行的護理措施

形成研究問題

PICO問題

P : patient and/or problem (病患)

I : intervention (介入處理)

C : comparison of intervention (對照)

O : clinical outcome (臨床結果)

將這些面向化為資料庫檢索點

範例

檢索問題：臍部乾燥與臍部消毒對足月健康之新生兒，減少臍部發炎的成效是否有差別？

	主要陳述	關鍵字
P	足月健康新生兒	新生兒
I	臍部局部消毒	臍部消毒
C	臍部保持乾燥	臍部乾燥
O	臍部最佳護理方式	

2010年6月 Oxford Classification

Table: Steps in finding evidence ("Levels") for different types of question

Developed by: *Iain Chalmers (James Lind Library), Paul Glasziou (OCEBM), Trish Greenhalgh (UCL), Carl Heneghan (OCEBM), Jeremy Howick (OCEBM), Alessandro Liberati, Ivan Moschetti, Bob Phillips, and Hazel Thornton*

Question	Step 1 (Level 1*)	Step 2 (Level 2*)	Step 3 (Level 3*)	Step 4 (Level 4*)	Step 5 (Level 5)
How common is it? (E.g., Pre-test probabilities)	Most relevant local and current random sample survey (or censuses)	Systematic review of current surveys	Systematic review of local non-random sample	Systematic review of case-series	Opinion without explicit critical appraisal, based on limited/undocumented experience, or based on mechanisms
Is this test accurate? (Diagnostic accuracy)	Systematic review of cross sectional studies	Systematic review of cross sectional studies With consistently applied reference standard and blinding	Systematic review of non-consecutive studies, or studies without consistently applied reference standards.	Systematic review of case-control study, or cross-sectional study with non-independent reference standard	Opinion without explicit critical appraisal, based on limited/undocumented experience, or based on mechanisms
What will happen if we do nothing? (Prognosis)	Systematic review of inception cohort studies	Inception cohort studies	Cohort or control arm of randomized trial	Systematic review of case-series	Opinion without explicit critical appraisal, based on limited/undocumented experience, or based on mechanisms
Does this treatment help? (Treatment Benefits)	Systematic review of randomized trials or n-of-1 trial	Randomized trial or (exceptionally) observational studies with dramatic effect	Non-randomized controlled cohort/follow-up study	Systematic review of case-control studies, historically controlled studies	Opinion without explicit critical appraisal, based on limited/undocumented experience, or based on mechanisms
What are the COMMON harms? (Treatment Harms)	Systematic review of randomized trials or n-of-1 trial	Systematic review of nested case-control or dramatic effect	Non-randomized controlled cohort/follow-up study	Case-control studies, historically controlled studies	Opinion without explicit critical appraisal, based on limited/undocumented experience, or based on mechanisms
What are the RARE harms? (Treatment Harms)	Systematic review of case-control studies, or studies revealing dramatic effects	Randomized trial or (exceptionally) observational study with dramatic effect			
Is early detection worthwhile? (Screening)	Systematic review of randomized trials	Randomized trial	Non-randomized controlled cohort/follow-up study	Case-control studies, historically controlled studies	Opinion without explicit critical appraisal, based on limited/undocumented experience, or based on mechanisms

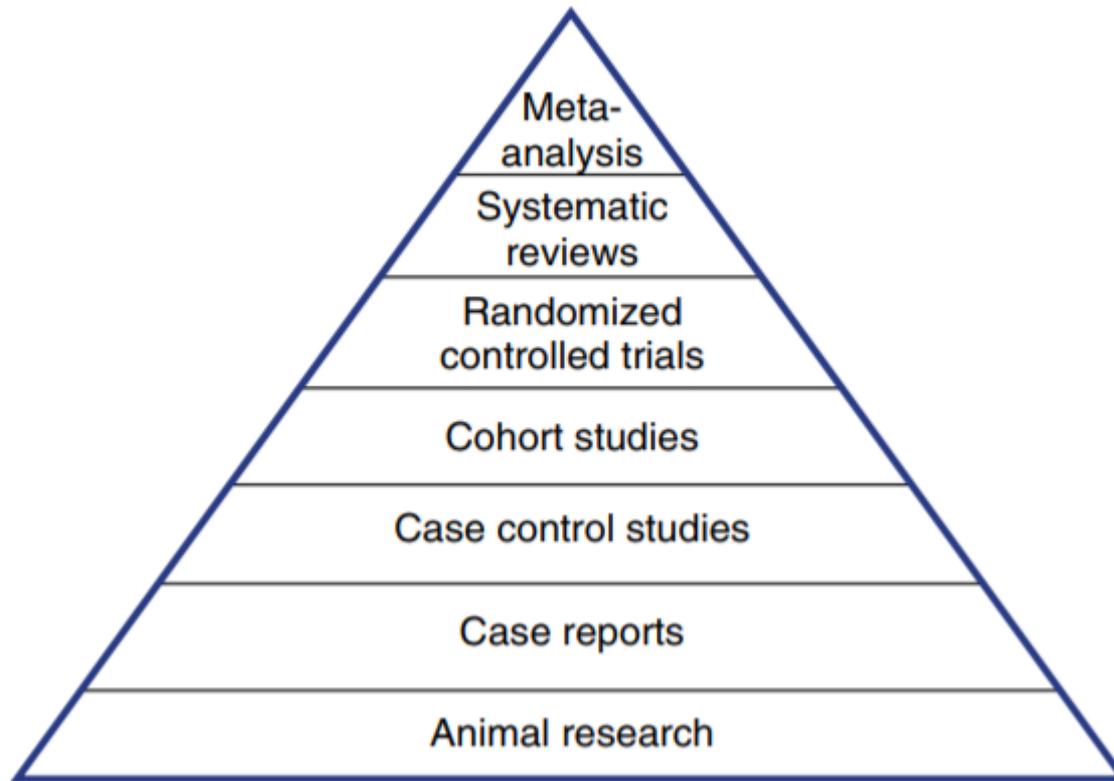
* Level may be graded down on the basis of study quality, imprecision, indirectness (study PICO does not match questions PICO), because of inconsistency between studies, or because the absolute effect size is very small; Level may be graded up if there is a large or very large effect size.

資料來源：Center for evidence based Medicine

http://www.cebm.net/mod_product/design/files/CEBM-Levels-of-Evidence-2.pdf

英國牛津大學實證醫學中心 Oxford CEBM 建議等級(2011)

臨床問題	證據等級 1*	證據等級 2*	證據等級 3*	證據等級 4*	證據等級 5*
該項臨床問題多常見?	地區及當代區域隨機樣本普查	適合當地環境普查系統性文獻回顧**	地區及區域性非隨機樣本調查**	系列性病例或個案報告**	N/A
診斷或審查監測的工具正確嗎? (診斷)	有一致參考標準(黃金標準)及盲化的世代研究的系統性文獻回顧	有一致參考標準(黃金標準)及盲化的世代研究	非連續性研究或沒有一致參考標準(黃金標準)的研究**	病例或個案對照試驗、品質較低或沒有獨立參考標準的研究**	依基本原理的推估
如果沒有治療會產生什麼後果? (預後)	起初世代研究的系統性文獻回顧	起初世代研究	世代研究或臨床隨機對照試驗**	系列病例或個案報告、病例對照試驗或品質低的預後世代研究**	N/A
介入治療有幫助嗎? (治療益處)	隨機臨床對照試驗或隨機序列介入治療試驗(N-of-1)系統性文獻回顧	隨機臨床對照試驗或有顯著療效的觀察型研究	非隨機臨床對照的世代研究/對照追縱研究**	系列病例或個案報告、病例或個案對照試驗或歷史對照試驗**	依基本原理的推估
介入治療有害處嗎? (治療傷害)	隨機臨床對照試驗、巢氏病例對照試驗、隨機序列介入治療試驗(N-of-1)或有療效顯著的觀察型研究的系統性文獻回顧	隨機臨床對照試驗或有顯著傷害的觀察型研究	非隨機對照的世代/追縱研究(上市後審查監測)提供足夠的樣本數去排除傷害(關於長期傷害,須有夠長時間的追縱)**	系列病例或個案報告、病例或個案對照試驗或歷史對照試驗**	依基本原理的推估
介入治療有罕見害處嗎? (治療傷害)	隨機臨床對照試驗或隨機序列介入治療試驗(n-of-1)的系統性文獻回顧	隨機臨床對照試驗或有顯著傷害的觀察型研究			
該項值得早期診斷嗎? (篩檢)	隨機臨床對照試驗的系統性文獻回顧	隨機臨床對照試驗	非隨機臨床對照的世代研究/追縱研究**	系列病例或個案報告、病例或個案對照試驗或歷史對照試驗**	依基本原理的推估



資料來源： Steglitz, J., Warnick, J. L., Hoffman, S. A., Johnston, W., & Spring, B. (2015). Evidence-Based Practice. In J. D. Wright (Ed.), *International Encyclopedia of the Social & Behavioral Sciences (Second Edition)* (p. 334). Oxford: Elsevier.

證據等級	治療或措施
Level I	隨機控制試驗的系統性文獻回顧、統合分析或以隨機控制試驗的系統性文獻回顧為基礎發展的實證臨床照護指引
Level II	證據來源至少有一個為設計良好的隨機控制試驗
Level III	證據來源為非隨機化但設計良好的控制試驗
Level IV	設計良好的個案控制研究及世代研究之證據
Level V	描述性及質性研究的系統性文獻回顧之證據
Level VI	單一描述性研究或質性研究之證據
Level VII	專家報告或專家意見

三、中央健康保險局 (2004)
 指引建議的形成是根據臨床實證的等級而來，證據等級的分類如下：
 1++-最高等級，4：最低等級。

等級	實證類別
1++	高品質之統合分析(meta analysis)，系統性文獻回顧(systematic reviews)之隨機控制試驗(RCTs)，或該隨機控制試驗之設計誤差(bias)極低。
1+	執行良好之統合分析，系統性文獻回顧之隨機對照試驗，或該隨機對照試驗之設計誤差極低。
1-	統合分析、系統性文獻回顧之隨機對照試驗，或該隨機對照試驗之設計誤差偏高。
2++	1. 經過病例對照研究(case-control study)或世代研究(cohort study)之高品質系統性文獻回顧。 2. 高品質的病例對照研究法及世代研究法可降低干擾、誤差及機率，並且具有高度的因果相關。
2+	經過病例對照研究或世代研究之設計良好的系統性文獻回顧。
2-	研究設計誤差較高之病例對照研究或世代研究
3	非分析性之研究，例如：個案報告
4	專家意見

建議強度之評等 (Grades of Recommendation)

評等	內容
1	1. 至少有一項整合分析、系統性文獻回顧或隨機對照試驗之實證等級為1++，且該研究可直接應用於目標群體(target population)；或

資料來源：成大醫院實證護理學習知識網，
<http://140.116.58.128:8080/subpage023.aspx>

實證護理-證據分級系統

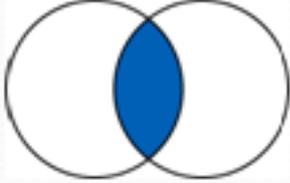
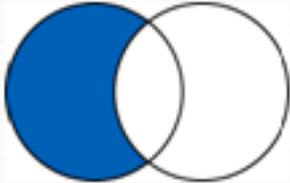
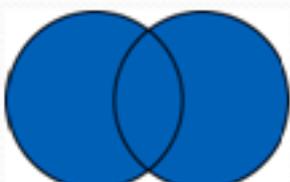
目前國際間有不同的證據分級系統：

一般分級方式大都以 **統合分析(Meta-Analysis)**、**系統性文獻回顧(system review)**、**RCT：Randomized control test (隨機對照組試驗)**為高等級的證據，**個案報告**為低等級證據。

文獻檢索概念

建立合適的檢索策略

- 布林邏輯(Boolean)—AND、OR、NOT

AND	且(交集)		護理AND阿茲海默症
NOT	非(去除)		台灣旅遊NOT花蓮
OR	或(聯集)		產傷 birth trauma OR birth injury

檢索小技巧-1

- **關鍵字選擇**：嘗試多個意義相近的關鍵字(key word)
- **布林邏輯使用**：利用不同關鍵字組合(**and**交集, **or**聯集, **not**刪除)來增加搜尋的廣度及精確度
- **Limit限制功能**：增加搜尋結果精確性：年代、語文、性別等
- **特定欄位檢索**：篇名、作者、摘要、刊名

檢索小技巧-2

- 同義詞(異形詞)使用(確認MeSH term用法)
 - 老人癡呆症 = 老人失智症
 - infancy= childhood=baby
- 截字符號(truncation)—(各家資料庫不同符號標示)
 - *、?、\$、!、“”、()
 - m?cdonald → mcdonald and macdonald
 - cat* → cat, catatonic, catatonia, category, etc.
 - disease\$ → diseases, diseased, and more
- 縮寫VS全稱
 - DM = diabetes mellitus
 - SLE (紅斑性狼瘡) = Systemic Lupus Erythematosus

如何查找關鍵字

Yahoo奇摩字典、Google翻譯→可能錯誤率很高、專業性??

教科書、藥學資料庫、PubMed的MeSH醫學詞彙標題表

用中文資料庫文章內，找尋英文關鍵字

摘要

熱中暑是全球暖化所引發的公眾健康問題，易併發嚴重合併症，甚至導致死亡。熱中暑的發生或致死是可預防的，其仰賴熱中暑防治教育的推廣、快速辨識潛在熱中暑病人並立即積極治療。身兼實務、諮詢、教育與領導的護理師是提升熱中暑醫療照護品質不可或缺的角色。藉由有效評估、早期降溫、密切監測與支持性護理照護以促進預後，完善教育訓練以增進臨床護理人員的實務照護能力，提供教育、諮詢以及結合實證應用護理措施以達到全方位高品質照護。而熱中暑護理照護在目前台灣醫療現況中尚需要多方面的醫療重視與學術研究發展，期望未來能藉由健保體系、醫療體系、學術機構的配合，促使熱中暑照護與研究更健全蓬勃的發展，使學術研究與臨床實務應用能更密切結合。

關鍵字

熱中暑；護理角色；功能；早期降溫；以實證為基礎健康照護

並列摘要

Heat stroke is a public health concern complicated by global warming. Heat stroke may lead to severe complications and even death. However, heat stroke is preventable. Nurses equipped with proper education and their professional role in practice, consulting, education, and research, is vital in promoting the quality of heat stroke care. Prevention, early recognition, aggressive cooling measures, assessing hemodynamic status and supportive nursing care are closely linked to the prognosis of patients who suffer from heat stroke. There is a need for more public emphasis, education and research from all medical care teams on the subject of heat stroke. The expectation is to develop a better care system and research activities through the collaborative effort of academic, healthcare institutions, and the health insurance system.

並列關鍵字

heat stroke；nursing role；function；aggressive cooling measures；evidence-based health care

PubMed資料庫

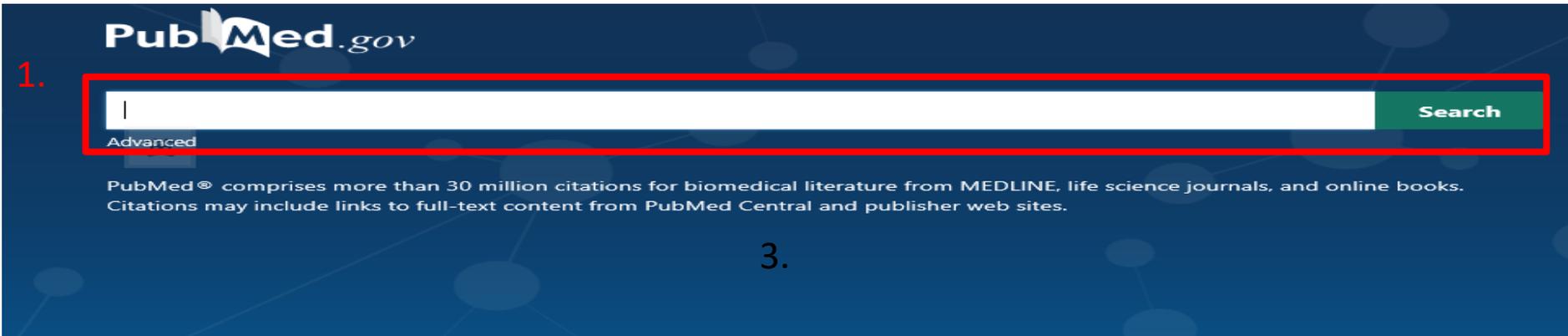
PubMed簡介

- PubMed為美國國家醫學圖書館的美國國家生物資訊中心（National Center for Biotechnology Information, 簡稱NCBI）所研發的生物醫學主題相關文獻的資料庫檢索系統。
- 收錄自1950年起的生命科學相關文獻，並收錄資訊科學、航太科學等其他學科文獻。
- 免費書目資料檢索服務，不斷更新資源
- 除收錄美國文獻外，另收80多國期刊
- 提供部分免費及付費全文連結服務，並包含即將出版的醫學文獻。

PubMed 新版首頁

1. 上方設有Google化檢索框(Google like search)，提供更直接的查詢方式。
2. 各項功能依性質重新聚類，分為：Learn、Find、Download及Explore
3. 畫面最下方Trending Articles和Latest Literature兩大區塊。

1.



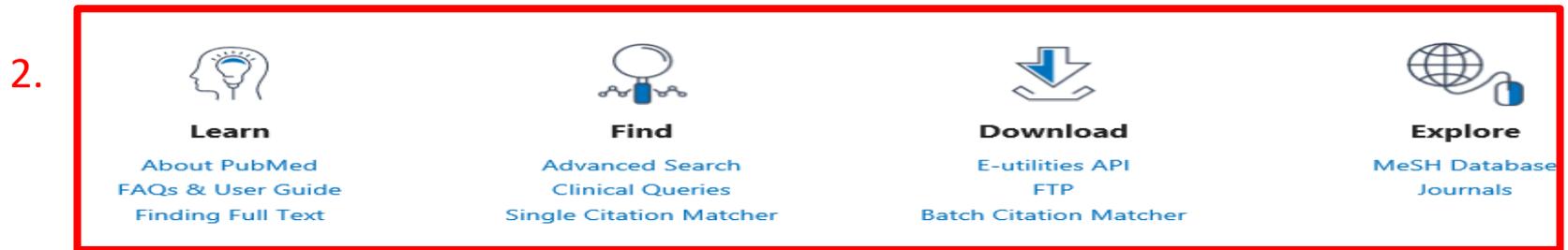
PubMed.gov

Advanced

Search

PubMed® comprises more than 30 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.

2.



 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
---	--	--	--

3.

Trending Articles	Latest Literature
Published records with recent increases in activity	New articles from highly accessed journals
Age- and sex-specific morphologic changes in the metaphyseal fossa adjacent to epiphyseal tubercle in children and adolescents without hip disorders. Hosseinzadeh S, et al. J Orthop Res. 2020. PMID: 32091139	Am J Obstet Gynecol (3) Arch Phys Med Rehabil (2) Cancer Cell (1)

PubMed 首頁

PubMed.gov

Search PubMed

Search

Advanced

進階檢索 檢索歷史

...ion 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.



Learn

About PubMed
FAQs & User Guide
Finding Full Text



Find

Advanced Search
Clinical Queries

篩選實證
醫學資料



Download

E-utilities API
FTP
Batch Citation Matcher



Explore

MeSH Database
Journals

查詢期刊全稱

MeSH 辭彙
檢索

Trending Articles

PubMed records with recent increases in activity

Structure of M^{Pro} from COVID-19 virus and discovery of its inhibitors.

Jin Z, et al. Nature. 2020. PMID: 32272481

Latest Literature

New articles from highly accessed journals

Am J Clin Nutr (1)

Blood (1)

[Individual risk factors associated with exertional **heat** illness: a systematic review.](#)

6 Westwood CS, Fallowfield JL, Delves SK, Nunns M, Ogden HB, Layden JD.

作者

PLoS One. 2020 Apr 6. doi: 10.1113/EP088458. Online ahead of print.

PMID: 3249985 Review.

題名

Exertional **heat** illness (EHI) remains a persistent problem for athletes and individuals. This threat remains despite numerous athletic position statements and occupational guidance policies. ...ABSTRACT: Background Despite the widespread knowledge of exertional **heat** illness (EHI) and clear guidance for its prevention, the incidence of EHI remains high. ...

“ Cite ↗ Share

[The Chemical Biology of Ferroptosis in the Central Nervous System.](#)

7 Ratan RR.

Cell Chem Biol. 2020 Mar 24:S2451-9456(20)30081-7. doi: 10.1016/j.chembiol.2020.03.007. Online ahead of print.

PMID: 32243811

PubMed專用號碼 (檢索點)

Among these, ferroptosis is a novel stress-induced cell death pathway with implications for diseases as diverse as traumatic brain injury, hemorrhagic **stroke**, Alzheimer's disease, cancer, renal ischemia, and **heat** stress in plants. ...

“ Cite ↗ Share

[Translating evidence-based practice to clinical practice in Tokyo 2020: how to diagnose and manage exertional **heat stroke**.](#)

8

Hosokawa Y, Casa DJ, Racinais S.

Br J Sports Med. 2020 Mar 27;bjsports-2020-102153. doi: 10.1136/bjsports-2020-102153. Online ahead of print.

PMID: 32220857 No abstract available.

No abstract available

沒有摘要

“ Cite ↗ Share

[RIPC provides neuroprotection against ischemic **stroke** by suppressing apoptosis via the mitochondrial pathway.](#)

9

Lv J, Guan W, You Q, Deng L, Zhu Y, Guo K, Gao X, Kong J, Yang C.

Sci Rep. 2020 Mar 24;10(1):5361. doi: 10.1038/s41598-020-62336-w.

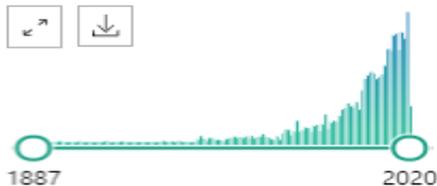
PMID: 32210331 [Free PMC article.](#)

提供免費文章

This study was designed to assess the therapeutic effect of RIPC in ischemic **stroke** and to elucidate their underlying mechanisms. ...In conclusion, RIPC alleviates ischemia/reperfusion injury after ischemic **stroke** by inhibiting apoptosis via the endogenous mitochondrial pathway....

“ Cite ↗ Share

RESULTS BY YEAR



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 Reviews

PUBLICATION DATE

- 1 year
- 5 years
- 10 years

Additional filters

Reset all filters

 Acute phase response to exertional heat stroke in mice.

1 Iwaniec J, Robinson GP, Garcia CK, Murray KO, de Carvalho L, Clanton TL, Laitano O. *Exp Physiol.* 2020 Apr 13. doi: 10.1113/EP088501. Online ahead of print. PMID: 32281170

Exertional **heat stroke** is accompanied by a marked inflammatory response, but the acute phase response during recovery has never been demonstrated before. ...**ABSTRACT:** Exertional **heat stroke** (EHS), the most severe manifestation of **heat** illness, is accompanied by a marked inflammatory response. ...

“ Cite Share

 [Indication of bloodletting therapy based on multi-dimensional evidence assessment].

2 Lv ZX, Gong YN, Guo Y, Chen ZL, Song SM, Li WR, Meng X. *Zhongguo Zhen Jiu.* 2020 Apr 12;40(4):450-4. doi: 10.13703/j.0255-2930.20190425-k0004. PMID: 32275379. Chinese

期刊名 年代 2020 卷期40(4) 頁數450-4

ence assessment include er extremities, acute lumbar sprain, early erysipelas, wheat swelling, exogenous fever of children, **stroke**, which are mainly the syndromes of blood stasis, toxin, excess and **heat**....

“ Cite Share

 Astrocyte-derived extracellular vesicles: Neuroreparative properties and role in the pathogenesis of neurodegenerative disorders.

3 Upadhya R, Zingg W, Shetty S, Shetty AK. *J Control Release.* 2020 Apr 11;S0168-3659(20)30230-3. doi: 10.1016/j.jconrel.2020.04.017. Online ahead of print. PMID: 32289328. Review.

Stimulated astrocytes secrete EVs with neuroprotective molecules including synapsin 1, unique microRNAs, and glutamate transporters. ...On the other hand, astrocyte-derived EVs have been implicated in the pathogenesis of Alzheimer's disease (AD), **stroke**, Parkinson's disease, Amyotrophic lateral sclerosis (ALS), and other neuroinflammatory conditions, EVs released by activated astrocytes appear to mediate or exacerbate the pathological processes. ...

“ Cite Share

 Systematic review of gender differences in the epidemiology and risk factors of exertional heat illness and heat tolerance in the armed forces.

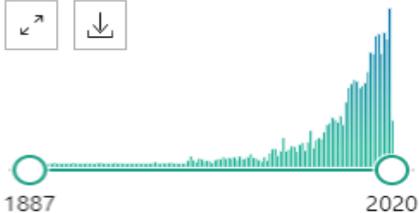
4 Alele F, Malau-Aduli B, Malau-Aduli A, Crowe M. *BMJ Open.* 2020 Apr 6;10(4):e031825. doi: 10.1136/bmjopen-2019-031825. PMID: 32265238. Free article.

The incidence of **heat stroke** in women ranged from 0.10 to 0.26 per 1000 person-years, whereas the incidence of **heat stroke** ranged from 0.27 to 0.48 per 1000 person-years in men. **CONCLUSION:** The

電子早於紙本出版

DOI碼

RESULTS BY YEAR



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 Reviews

PUBLICATION DATE

- 1 year
- 5 years
- 10 years

Acute phase response to exertional **heat stroke** in mice.

1 Iwaniec J, Robinson GP, Garcia CK, Murray KO, de Carvalho L, Clanton TL, Laitano O. Exp Physiol. 2020 Apr 13. doi: 10.1113/EP088501. Online ahead of print. PMID: 32281170

Exertional **heat stroke** is accompanied by a marked inflammatory response, but the acute phase response during recovery has never been demonstrated before. ...ABSTRACT: Exertional **heat stroke** (EHS), the most severe manifestation of **heat** illness, is accompanied by a marked inflammatory response. ...

“ Cite Share

[Indication of bloodletting therapy based on multi-dimensional evidence assessment].

2 Lv ZX, Gong YN, Guo Y, Chen ZL, Song SM, Li WR, Meng X. Zhongguo Zhen Jiu. 2020 Apr 12;40(4):450-4. doi: 10.13703/j.0255-

ARTICLE TYPE

<p>SPECIES</p> <p>LANGUAGE</p> <p>SEX</p> <p>SUBJECT</p> <p>JOURNAL</p> <p>AGE</p>	<p><input type="checkbox"/> Address</p> <p><input type="checkbox"/> Autobiography</p> <p><input type="checkbox"/> Bibliography</p> <p><input type="checkbox"/> Biography</p> <p><input type="checkbox"/> Case Reports</p> <p><input type="checkbox"/> Classical Article</p> <p><input type="checkbox"/> Clinical Conference</p> <p><input type="checkbox"/> Clinical Study</p> <p><input type="checkbox"/> Clinical Trial Protocol</p> <p><input type="checkbox"/> Clinical Trial, Phase I</p>	<p><input type="checkbox"/> Introductory Journal Article</p> <p><input type="checkbox"/> Journal Article</p> <p><input type="checkbox"/> Lecture</p> <p><input type="checkbox"/> Legal Case</p> <p><input type="checkbox"/> Legislation</p> <p><input type="checkbox"/> Letter</p> <p><input type="checkbox"/> Multicenter Study</p> <p><input type="checkbox"/> News</p> <p><input type="checkbox"/> Newspaper Article</p> <p><input type="checkbox"/> Observational Study</p>
--	--	---

其他篩選

Additional filters

Cite Share

選擇適合文獻

1. Article types(實證文獻類型)

Meta-Analysis

Systematic Reviews

Randomized Controlled Trail(RCT)

2. Text availability(文章取得)

摘要、免費全文、全文

3. Species(研究對象)

人類or 動物

4. Publication dates(出版日期)

5. Ages(研究對象年齡)

6. Subject(主題)

MeSH(Medical Subject Headings)

- 由美國國家醫學圖書館(NLM)建置，全稱：「Medical Subject Headings」，一套生物醫學領域的主題詞表，每個主題詞(以下稱 MeSH Term) 代表特定的主題範疇。
- 對於同一概念採用固定表達方式，方便陳述資料之主題內涵並提供檢索。(使用者可選擇正確主題詞彙檢索，找尋同義詞、廣義詞、狹義詞)
- MeSH超過2萬多個標題，分為16大類，每大類採取樹狀結構，下層細分小標題，顯現標題間層屬關係。
- 上層顯示此標題詞涵義較廣(廣義詞)；下層顯示此標題越專精(狹義詞)
- MeSH 可標示文獻內容主題及提供使用者查詢文獻。
 - 文獻經由專家閱讀後，根據內容標註適當 MeSH Terms ；使用者可透過 MeSH Terms 查詢文獻。

PubMed文獻書目

- 文獻書目資料**已經過審核**

- MEDLINE

- 收錄年代:1966-Present
- 內容有MeSH Term

- OLDMEDLINE Citations

- 收錄年代:1950-1965
- 內容未有MeSH Term且不提供摘要

- PubMed not Medline

- 非生物醫學類或非生命科學主題的文獻

- 文獻書目資料**尚未被審核**

- Publisher Supplied

- 由出版社提供即時或未出版之書目資料，但並非所有書目資料皆會收錄至MEDLINE

- In Process Citation

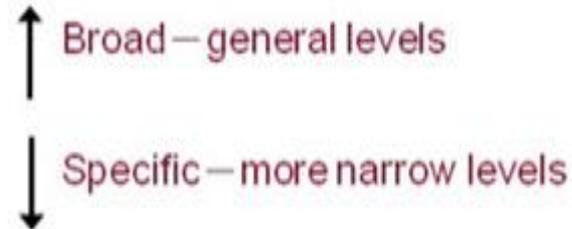
- 資料每日增加，但尚未被專業人員處理

PubMed近90%文獻提供MeSH

- PubMed資料庫部份文獻未提供MeSH
 - 最新加入Pubmed的文獻
 - 沒收錄在 Medline的文獻
 - 正在新增 MeSH的文獻
- 可配合一般關鍵字(自然語言)進行文獻檢索

Neoplasms結構圖

- [Diseases \[C\]](#)
- [Infections \[C01\]](#)
- [Neoplasms \[C04\]](#)
- [Cysts \[C04.182\]](#)
- Arachnoid Cysts [C04.182.044]
- Bone Cysts [C04.182.089]
- Branchioma [C04.182.117]
- Breast Cyst [C04.182.156]
- Bronchogenic Cyst [C04.182.195]
- Chalazion [C04.182.197]
- Choledochal Cyst [C04.182.198]
- Colloid Cysts [C04.182.199]
- Dermoid Cyst [C04.182.201]
- Epidermal Cyst [C04.182.254]
- Esophageal Cyst [C04.182.281]
- Follicular Cyst [C04.182.300]
- Ganglion Cysts [C04.182.347]
- Lymphocele [C04.182.430]
- Mediastinal Cyst [C04.182.444]
- Mesenteric Cyst [C04.182.473]
- Mucocele [C04.182.511]
- [Ovarian Cysts \[C04.182.612\]](#)
- [Polycystic Ovary Syndrome \[C04.182.612.765\]](#)
- [Pancreatic Cyst \[C04.182.640\]](#)
- Parovarian Cyst [C04.182.668]
- Pilonidal Sinus [C04.182.710]
- Ranula [C04.182.766]



Ovarian Cysts(卵巢囊腫) 這個mesh term隸屬於 Diseases(疾病) → Neoplasms (腫瘤) → Cysts(囊腫) 之下，
Ovarian Cysts之下還有 Polycystic ovary syndrome(多囊卵巢綜合症)

Heat Stroke

MeSH Term

A condition caused by an inability to dissipate heat in an excessively hot environment or during PHYSICAL EXERTION in a hot environment. Contrast to HEAT EXHAUSTION, the body temperature in heat stroke patient is dangerously high with red, hot skin accompanied by DELUSIONS; CONVULSIONS; or COMA. It can be a life-threatening emergency and is most common in infants and the elderly.

Year introduced: 1996

PubMed search builder

[Subheadings:](#)

副標題

- | | | |
|--|--|--|
| <input type="checkbox"/> analysis | <input type="checkbox"/> epidemiology | <input type="checkbox"/> pathophysiology |
| <input type="checkbox"/> anatomy and histology | <input type="checkbox"/> etiology | <input type="checkbox"/> prevention and control |
| <input type="checkbox"/> blood | <input type="checkbox"/> genetics | <input type="checkbox"/> psychology |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> history | <input type="checkbox"/> radiography |
| <input type="checkbox"/> chemically induced | <input type="checkbox"/> immunology | <input type="checkbox"/> radionuclide imaging |
| <input type="checkbox"/> classification | <input type="checkbox"/> metabolism | <input type="checkbox"/> rehabilitation |
| <input type="checkbox"/> complications | <input type="checkbox"/> microbiology | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> cytology | <input type="checkbox"/> mortality | <input type="checkbox"/> therapy |
| <input type="checkbox"/> diagnosis | <input type="checkbox"/> nursing | <input type="checkbox"/> ultrasonography |
| <input type="checkbox"/> drug therapy | <input type="checkbox"/> organization and administration | <input type="checkbox"/> urine |
| <input type="checkbox"/> economics | <input type="checkbox"/> pathology | <input type="checkbox"/> veterinary |
| <input type="checkbox"/> enzymology | <input type="checkbox"/> physiology | |

Restrict to MeSH Major Topic.

Do not include MeSH terms found below this term in the MeSH hierarchy.

縮小檢索範圍

Tree Number(s): C26.522.500

Entry Terms:

- Heat Strokes
- Stroke, Heat
- Strokes, Heat
- Heatstroke
- Heatstrokes

建議可同時查詢的標題

MeSH概念，檢索PubMed有兩種選擇：

- 1.PubMed:**檢索文章中**主要標題及次要標題**，即包含這個概念的所有文獻
- 2.PubMed-Major Topic:**只檢索文章**主要標題**

Add to search builder

AND

Search PubMed

Related information

[PubMed](#)

[PubMed - Major Topic](#)

[Clinical Queries](#)

[NLM MeSH Browser](#)

Recent activity

[Turn Off](#) [Clear](#)

[Heat Stroke](#)

[heat stroke \(2\)](#)

[Preventive Medicine](#)

Cited by 1 article

Expert consensus on the diagnosis and treatment of heat stroke in China.

Liu SY, Song JC, Mao HD, Zhao JB, Song Q; Expert Group of Heat Stroke Prevention and Treatment of the People's Liberation Army, and People's Liberation Army Professional Committee of Critical Care Medicine.

Mil Med Res. 2020 Jan 13;7(1):1. doi: 10.1186/s40779-019-0229-2.

PMID: 31928528 [Free PMC article.](#)

Publication types

> [Review](#)

MeSH terms

- > [Heat Stroke / diagnosis](#) ★
- > [Heat Stroke / pathophysiology](#) ★
- > [Heat Stroke / therapy](#) ★
- > [Humans](#)
- > [Physical Exertion](#) ★
- > [Return to Sport](#)
- > [Sports Medicine](#)

★號為此篇文章主要標題(**Major MeSH Term**)

沒有★號為次要標題(MeSH Term)

LinkOut – more resources

Full Text Sources

[Ovid Technologies, Inc.](#)

[Wolters Kluwer](#)

常用特定欄位檢索

檢索內容	英文全稱	使用方法
篇名中任一字	title	[ti]
篇名或摘要	title/abstract	[tiab]
作者機構	affiliation	[ad]
作者姓名	author	[au]
MeSH主要標題	MeSH Major Topic	[majr]
PubMed號碼	pmid	[pmid]
任何關鍵字	text word	[tw]

案例

背景問題

- 在戒菸門診最常遇到的問題是：醫師，有沒有什麼藥吃下去就不想抽菸了？對許多老菸槍而言，戒菸實在是太過困難的事，要是有什麼捷徑可以一蹴而成，一定能大受歡迎，其中最簡單的，莫過於靠藥物幫忙了。
- 能幫助戒菸的藥物主要分為兩種：一種是尼古丁製劑，一種是不含尼古丁的藥物。戒菸的人最難過的是無法忍受尼古丁戒斷症候群，包括憂鬱、焦慮、注意力不集中等等，此時若能補充一點尼古丁，便能減輕症狀。另一類是不含尼古丁的藥物，直接作用在神經傳導物質抑制戒斷症候群。
- 一位20歲的女性想要戒煙，是否能利用尼古丁替代療法解決其戒除菸癮之需求，成功率多高？

臺大醫院郭斐然主治醫師，<http://health.ntuh.gov.tw/health/new/5573.htm>

範例

檢索問題：一位**20**多歲的婦女，想利用尼古丁替代藥物戒菸，成效是否有效？

	主要陳述	關鍵字
P	抽菸習慣之成年婦女	婦女
I	利用尼古丁替代藥物治療	尼古丁治療
C	不借助醫療自行戒菸	
O	戒菸	戒菸

進階查詢

文章篇名, 關鍵字, 摘要

戒菸

AND

文章篇名, 關鍵字, 摘要

尼古丁

⊕ 加一行

⊖ 刪一行

[(ALL3)=(戒菸) AND (ALL3)=(尼古丁)]

查詢

查詢小幫手

精準查詢

將片語以雙引號標示，限制只查詢完全符合的結果。

例："五四運動"，查詢結果將不包含五四新文化運動。

| 關鍵字

戒菸 ; 尼古丁 ; 尼古丁戒斷症狀 ; 替代療法 ; 精神科

| 並列摘要

Severe psychiatric patients have higher rates of smoking than the general population. Due to the patient control in passing in and out, a smoking room was generally set up in the therapy ward. Thus, psychiatric nurses may tend to ignore the smoking issue. Nowadays Tobacco Hazards Prevention Act has been enforced in Taiwan on the basis of health promotion. Smoking cessation has become a major clinical concern for psychiatric nurses. However, the patients in smoking cessation may encounter painfully acute psychiatric symptoms and withdrawal symptoms of nicotine, and become anxious, agitation and aggressive in the actual ward. Managing these patients in the process of smoking cessation is complex. This paper was to review and discuss the role of nicotinic receptors in smoking, nicotine and psychiatry drug, nicotine dependence, nicotine replacement therapy, clinical management and nursing care of smoking cessation in the psychiatric setting. The holistic views of smoking cessation may be used as a clinical reference to provide high quality smoking cessation services for psychiatric patients and help them cope with nicotine withdrawal in the future.

| 並列關鍵字

smoking cessation ; nicotine ; nicotine dependence ; nicotine replacement therapy ; psychiatry

範例

檢索問題：一位20多歲的婦女，想利用尼古丁替代藥物戒菸，成效是否有效？

	主要陳述	關鍵字
P	抽菸習慣之成年婦女	婦女 (19歲以上)(female)
I	利用尼古丁替代藥物 治療	尼古丁替代療法(nicotine replacement therapy)
C	不借助醫療自行戒菸	
O	戒菸	戒菸(smoking cessation)

[Search](#)[Advanced](#)

PubMed® comprises more than 30 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.



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](#)

利用MeSH
term方式查詢

MeSH

MeSH ▾

smoking

Search

[Help](#)



Using MeSH

[Help](#)

[Tutorials](#)

- cannabis smoking
- cessation, smoking
- cessations, smoking
- cigarette smoking
- hashish smoking
- involuntary smoking
- involuntary smokings
- marihuana smoking
- marijuana smoking
- passive smoking
- passive smokings
- secondhand smoking
- secondhand smokings
- smoking
- smoking cessation
- smoking cessations
- smoking, cannabis
- smoking, cigarette
- smoking, hashish
- smoking involuntary

Turn off

indexing articles for PubMed.

You are here: [NCBI](#) > [Literature](#) > [MeSH Database](#)

[Support Center](#)

GETTING STARTED

[NCBI Education](#)

RESOURCES

[Chemicals & Bioassays](#)

POPULAR

[PubMed](#)

FEATURED

[Genetic Testing Registry](#)

NCBI INFORMATION

[About NCBI](#)

MeSH

MeSH

smoking

Search

Save search Limits Advanced

Display Settings: Summary, 20 per page

Send to:

Results: 6 Selected: 1

Smoking

1. Inhaling and exhaling the smoke of burning TOBACCO.

Smoking Cessation

2. Discontinuation of the habit of smoking, the inhaling and exhaling of tobacco smoke. Year introduced: 1992

Marijuana Smoking

3. Inhaling and exhaling the smoke of burning MARIJUANA. Year introduced: 1988

Tobacco Use Cessation Products

4. Items used to aid in ending a TOBACCO habit. Year introduced: 2012

Tobacco Smoke Pollution

5. Contamination of the air by tobacco smoke. Year introduced: 1982

Bupropion

6. A unicyclic, aminoketone antidepressant. The mechanism of its therapeutic actions is not well understood, but it does appear to block dopamine uptake. The hydrochloride is available as an aid to smoking cessation treatment. Year introduced: 1992

利用Mesh術語
點選 smoking cessation

PubMed Search Builder

"Smoking Cessation" [Mesh]

Add to search builder

AND

Search PubMed

Find related data

Database: Select

Find items

Recent activity

Turn Off

"Smoking Cessation"[Mesh] (18)

smoking (6)

See m

Display Settings: Summary, 20 per page

Send to:

MeSH

MeSH

Limits Advanced

Search

Help

Display Settings: Full

Send to:

Smoking Cessation

Discontinuation of the habit of smoking, the inhaling and exhaling of tobacco smoke.

Year introduced: 1992

PubMed search builder options

Subheadings: 副標題

- economics
- epidemiology
- ethnology
- history
- legislation and jurisprudence
- methods
- organization and administration
- psychology
- statistics and numerical data

- Restrict to MeSH Major Topic.
- Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): F01.115.010.700

Entry Terms:

- Cessation, S
- Cessations,
- Smoking Ce

Previous Indexing:

- [Smoking/prevention and control \(1968-1991\)](#)
- [Smoking/therapy \(1972-1991\)](#)

All MeSH Categories

Psychiatry and Psychology Category
 Behavior and Behavior Mechanisms
 Behavior
 Tobacco Use Cessation
 Smoking Cessation

PubMed Search Builder

"Smoking Cessation" [Majr]

Add to search builder AND

Search PubMed

1. 點選 Add to search builder
2. 點選 Search PubMed

1. 限制查詢 Mesh 主要標題
2. 不涵蓋 Mesh 下一階層主題的文獻

NLM MeSH Browser

dbGaP Links

Recent activity

Turn Off Clear

- Smoking Cessation MeSH
- "Smoking Cessation"[Mesh] (18301) PubMed
- smoking (6) MeSH

See more...



"Smoking Cessation"[Majr]



Search

[Advanced](#) [Create alert](#) [Create RSS](#)

[User Guide](#)

Save

Email

Send to

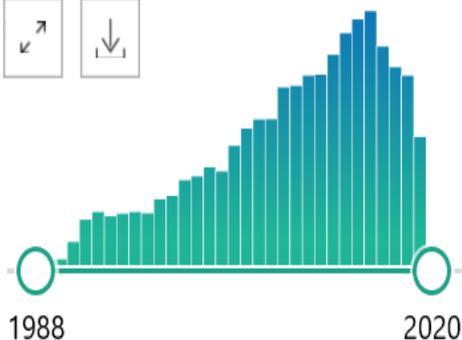
Sorted by: Best match

Display options

MY NCBI FILTERS

19,973 results

RESULTS BY YEAR



[In the Clinic. Smoking Cessation.](#)

1 Patel MS, Steinberg MB.

Ann Intern Med. 2016 Mar 1;164(5):ITC33-ITC48. doi: 10.7326/AITC201603010.

PMID: 26926702 Review.

“ Cite Share

[Smoking Cessation Strategies in Pregnancy.](#)

2 Leung LW, Davies GA.

J Obstet Gynaecol Can. 2015 Sep;37(9):791-797. doi: 10.1016/S1701-2163(15)30149-3.

PMID: 26605448 Review.

TEXT AVAILABILITY

Abstract

MeSH

MeSH

nicotine replacement therapy

Search

Limits Advanced

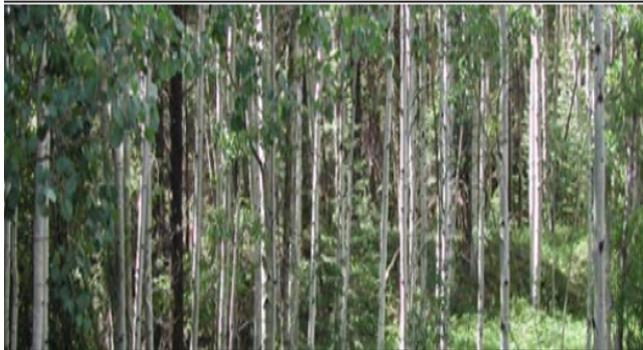
英

COVID-19 is an emerging, rapidly evolving situation.

Get the latest public health information from CDC: <https://www.coronavirus.gov>.

Get the latest research from NIH: <https://www.nih.gov/coronavirus>.

Find NCBI SARS-CoV-2 literature, sequence, and clinical content: <https://www.ncbi.nlm.nih.gov/sars-cov-2/>.



MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.

Using MeSH

[Help](#)

[Tutorials](#)

More Resources

[E-Utilities](#)

[NLM MeSH Homepage](#)

Full

Send to:

Nicotine Replacement Therapy

Replacing NICOTINE from TOBACCO with an alternate source in order to reduce the severity of tobacco withdrawal during TOBACCO USE CESSATION.

Year introduced: 2024

PubMed search builder options

Subheadings:

- adverse effects
- classification
- economics
- ethics
- history
- instrumentation
- methods
- mortality
- nursing
- psychology
- standards
- statistics and numerical data
- trends
- veterinary

- Restrict to MeSH Major Topic.
- Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): E02.319.597

MeSH Unique ID: D000095488

Entry Terms:

- Nicotine Replacement Therapies
- Therapies, Nicotine Replacement
- Therapy, Nicotine Replacement

See Also:

- [Smoking Cessation](#)
- [Tobacco Use Cessation](#)
- [Tobacco Use Cessation Devices](#)

All MeSH Categories

[Analytical, Diagnostic and Therapeutic Techniques and Equipment Category](#)

[Therapeutics](#)

[Drug Therapy](#)

Nicotine Replacement Therapy

PubMed Search Builder

Add to search builder AND

Search PubMed

YouTube Tutorial

1. 點選 Add to search builder

2. 點選 Search PubMed

Recent Activity

Turn Off Clear

Nicotine Replacement Therapy MeSH

nicotine replacement therapy (1) MeSH

See more...

"nicotine replacement therapy"[MeSH Terms] OR nicotine replacement therapy[Text Word]

Search



"Nicotine Replacement Therapy"[Mesh]



Search

Advanced Create alert Create RSS

User Guide

Save

只有8 篇文獻，可再用進階檢索
增加文獻量

Display options

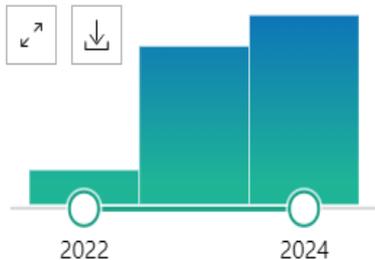
MY NCBI FILTERS

8 results

1

of 1

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

Predictors of Nicotine Replacement Therapy Adherence: Mixed-Methods Research With a Convergent Parallel Design.

Cite Kim SS, Prasad A, Nayak MM, Chen H, Srisoem C, DeMarco RF, Castaldi P, Cooley ME.
Ann Behav Med. 2024 Mar 12;58(4):275-285. doi: 10.1093/abm/kaae006.
Share PMID: 38401531 [Free PMC article.](#)

Electronic cigarettes for smoking cessation.

Cite 2 Lindson N, Butler AR, McRobbie H, Bullen C, Hajek P, Begh R, Theodoulou A, Notley C, Rigotti NA, Turner T, Livingstone-Banks J, Morris T, Hartmann-Boyce J.
Cochrane Database Syst Rev. 2024 Jan 8;1(1):CD010216. doi: 10.1002/14651858.CD010216.pub8.
Share PMID: 38189560

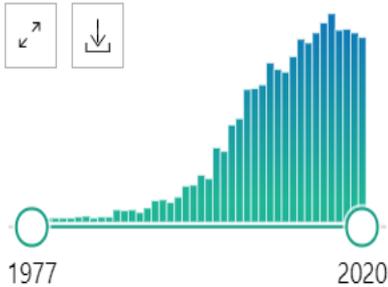
Combining interactive communication and nicotine replacement therapy for smokers: abridged secondary publication.

Cite 3 Wang MP, Lam TH, Viswanath K, Cheng RCK, Kwok TTO, Cheung DYT, Wong CKH, Lee JJJ, Chan HCH.
Hong Kong Med J. 2023 Dec;29 Suppl 7(6):4-8.

MY NCBI FILTERS

3,229 results

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

-

1 **Effect of nicotine replacement therapy on mortality, delirium, and duration of therapy in critically ill smokers: a systematic review and meta-analysis.**

Cite Ng KT, Gillies M, Griffith DM.
Anaesth Intensive Care. 2017 Sep;45(5):556-561. doi: 10.1177/0310057X1704500505.
Share PMID: 28911284 **Free article.** Review.

The aims of this review were to determine whether the management of **nicotine** withdrawal with **nicotine replacement therapy** reduces delirium, mortality or length of stay in critically ill smokers in ICU. ...Clinical trials, observational studies and syst ...

2 **Nicotine, Carcinogen, and Toxin Exposure in Long-Term E-Cigarette and Nicotine Replacement Therapy Users: A Cross-sectional Study.**

Cite Shahab L, Goniewicz ML, Blount BC, Brown J, McNeill A, Alwis KU, Feng J, Wang L, West R.
Ann Intern Med. 2017 Mar 21;166(6):390-400. doi: 10.7326/M16-1107. Epub 2017 Feb 7.
Share PMID: 28166548 **Free PMC article.**

OBJECTIVE: To compare exposure to **nicotine**, tobacco-related carcinogens, and toxins among smokers of combustible cigarettes only, former smokers with long-term e-cigarette use only, former smokers with long-term **nicotine replacement therapy** (NRT) use o ...

E-cigarettes helped more smokers quit than nicotine replacement therapy.



PubMed Advanced Search Builder

Add terms to the query box

All Fields

點選ADD，再點選
Search進行檢索

Query box

Enter / edit your search query here

History and Search Details

Download Delete

Search	Actions	Details	Query	Results	Time
#2	...	▼	Search: "Nicotine Replacement Therapy"[Title] "Nicotine Replacement Therapy"[Title]	720	03:39:30
#1	...	▼	Search: "Nicotine Replacement Therapy"[Mesh] Sort by: Most Recent	8	03:30:37

Add terms to the query box

All Fields **ADD**

Show Index

Query box

Search

History and Search Details

Download Delete

Search	Actions	Details	Query	Results	Time
#2	...	>	Search: nicotine replacement therapy	3,229	22:50:27
#1	...		Smoking Cessation" [Majr] Sort by: Most Recent	20,396	22:49:01

Showing 1 to 2 of 2

Add query
Delete
Create alert

點選 Add query
可將檢索辭彙
加至Query box

Add terms to the query box

All Fields ▾

Enter a search term

AND ▾

Show Index

Query box

"Smoking Cessation"[Majr]



Search ▾

History and Search Details

Download Delete

Search	Actions	Details	Query	Results	Time
#2	⋮	Add with AND	nicotine replacement therapy	3,229	22:50:27
#1	⋮	Add with OR	Most Recent	20,396	22:49:01

Showing 1 to 2 of 2

點選 Add with AND 可將檢索辭彙進行交集

PubMed Advanced Search Builder



Add terms to the query box

AND

Show Index

Query box

(Nicotine Replacement Therapy) AND ("Smoking Cessation"[Mesh])

Search

History and Search Details

 Download
  Delete

Search	Actions	Details	Query	Results	Time
#4	...	>	Search: Nicotine Replacement Therapy	3,902	04:13:51
#3	...	>	Search: " Smoking Cessation "[Mesh] Sort by: Most Recent	33,267	03:47:58
#1	...	>	Search: " Nicotine Replacement Therapy "[Mesh] Sort by: Most Recent	8	03:30:37

Add terms to the query box

All Fields 

AND 
[Show Index](#)

Query box

#3 and #4  或直接鍵入#3 and #4

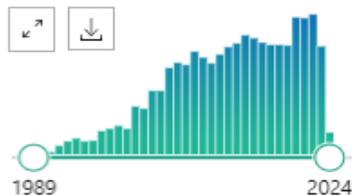
Search 

History and Search Details

 Download  Delete

Search	Actions	Details	Query	Results	Time
#5	...	>	Search: (Nicotine Replacement Therapy) AND ("Smoking Cessation" [Mesh])	2,872	04:20:58
#4	...	>	Search: Nicotine Replacement Therapy	3,902	04:13:51
#3	...	>	Search: "Smoking Cessation" [Mesh] Sort by: Most Recent	33,267	03:47:58
#1	...	>	Search: "Nicotine Replacement Therapy" [Mesh] Sort by: Most Recent	8	03:30:37

RESULTS BY YEAR



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

 [No title available]

1 [No authors listed]

Cite PMID: 29852054 Free article.

Share

BACKGROUND: **Nicotine replacement therapy** (NRT) aims to temporarily replace much of the **nicotine** from cigarettes to reduce motivation to smoke and **nicotine** withdrawal symptoms, thus easing the transition from cigarette smoking to complete abstinence ...

 [No title available]

2 [No authors listed]

Cite PMID: 32008606 Free article.

Share

The stronger the tobacco dependence, the more likely the use of an evidence-based method (odds ratio [OR] = 1.27 [1.16; 1.40]). Pharmacotherapy (**nicotine replacement therapy**, medication) was used more commonly by persons with higher incomes (OR = 1.44 per 1 ...

 [No title available]

3 [No authors listed]

Cite PMID: 32738868 Free article.

Share

DISCUSSION: A combination of behavioural support along with pharmacotherapy to treat **nicotine** dependence maximises the chances of successful long-term cessation. Combination **nicotine replacement therapy** (patch and short-acting oral form) or varenicline ...

 [No title available]

4 [No authors listed]

Cite PMID: 32800202

Share

 [No title available]

5 [No authors listed]

Cite PMID: 32320843

Share

An estimated 1148 fathers who smoke at least one cigarette daily and whose partners are pregnant and non-smoking will be randomised (1:1) to receive brief advice combined with 1-week sample of **nicotine replacement therapy** (NRT) and active referral to smoking ...

 [No title available]

[No authors listed]

Cite PMID: 31515174

ARTICLE TYPE

SPECIES

LANGUAGE

SEX

SUBJECT

JOURNAL

AGE

ARTICLE TYPE

Female

Male

SPECIES

其他篩選功能
Sex(性別)
AGE(研究對象年齡)

SEX

SUBJECT

JOURNAL

AGE

Child: birth-18 years

Newborn: birth-1 month

Infant: birth-23 months

Infant: 1-23 months

Preschool Child: 2-5 years

Child: 6-12 years

Adolescent: 13-18 years

Adult: 19+ years

Young Adult: 19-24 years

Adult: 19-44 years

Middle Aged + Aged: 45+ years

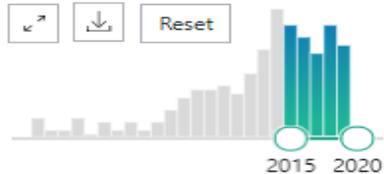
Middle Aged: 45-64 years

Aged: 65+ years

80 and over: 80+ years

Cancel

Show



- Abstract
- Free full text
- Full text

- Associated data

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

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

- Female

- Adult: 19+ years

Additional filters

87 results

Filters applied: Free full text, Full text, Meta-Analysis, Randomized Controlled Trial, Systematic Review, in the last 5 years, Female, Adult: 19+ years. Clear all

A Randomized Trial of E-Cigarettes versus Nicotine-Replacement Therapy.
 1 Hajek P, Phillips-Waller A, Przulj D, Pesola F, Myers Smith K, Bisal N, Li J, Parrott S, Sasieni P, Dawkins L, Ross L, Goniewicz M, Wu Q, McRobbie HJ.
 Cite N Engl J Med. 2019 Feb 14;380(7):629-637. doi: 10.1056/NEJMoa1808779. Epub 2019 Jan 30.
 Share PMID: 30699054 **Free article.** Clinical Trial.
 Overall, throat or mouth irritation was reported more frequently in the e-cigarette group (65.3%, vs. 51.2% in the **nicotine-replacement** group) and nausea more frequently in the **nicotine-replacement** group (37.9%, vs. 31.3% in the e-cigarette group).

Can we increase smokers' adherence to nicotine replacement therapy and does
 Birchler T, Bolt DM, Smith SS, Fiore MC, Piper ME.
 35(7):2065-2075. doi: 10.1007/s00213-018-4903-y. Epub 2018 Apr
 Clinical Trial.
 ...ive intervention components on smokers' adherence to combined
 ...ng a quit attempt and assess whether adherence is related to
 ...ed in quitting (N = 513; 59% femal ...

Nicotine Replacement Therapy vs Standard Smoking
Chronic Lung Disease: A Randomized Clinical Trial.
 Phadnis M, Fitzgerald SA, Vacek J, Sharpe MR, Salzman GA, Richter
 1843. doi: 10.1001/jamanetworkopen.2018.1843.
 Clinical Trial.
 ...**rapy** (LT-NRT) might offer a strategy for reducing harm from
 ...ater cessation. ...

... , randomised controlled pilot trial: clinical
... sation of traditional and complementary medicine
... ncture and aromatherapy, in combination with
... y.
 ...ang S, Park S, Jung BY, Park YJ, Lee JH, Cho CS, Go HY, Shin YC, Ko SG.
 BMJ Open. 2017 Jun 2;7(5):e014574. doi: 10.1136/bmjopen-2016-014574.
 PMID: 28576892 **Free PMC article.** Clinical Trial.
 This trial will evaluate whether adding T&CM methods (ie, ear and body acupuncture, aromatherapy) to
 conventional cessation methods (ie, **nicotine replacement therapy** (NRT), counselling) increases
 smoking cessation rates. ...They will be current smokers wh ...

Nicotine preloading for smoking cessation: the Preloading RCT.
 5 Aveyard P, Lindson N, Tearne S, Adams R, Ahmed K, Alekna R, Banting M, Healy M, Khan S, Rai G, Wood
 Cite C, Anderson EC, Ataya-Williams A, Attwood A, Easey K, Fluharty M, Freuler T, Hurse M, Khouja J, Lacey L,

選擇適合文獻

1. Article types (實證文獻類型)
 Meta-Analysis
 Systematic Reviews
 Randomized Controlled
 Trail(RCT)
2. Text availability (文章取得)
 摘要、免費全文、全文
3. Publication dates (近五年出版)
4. SEX (Female)
5. Ages (19歲以上)

Filters applied: Free full text, Full text, Meta-Analysis, Randomized Controlled Trial, Systematic Review, 5 years, Female, Adult: 19+ years. [Clear all](#)

Add terms to the query box

查詢結果太多可利用**特定欄位檢索**→
 限制“nicotine replacement therapy”
 只出現在**題名**

History and Search Details

Search	Actions	Details	Query	Results	Time
#19	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Free full text, Meta-Analysis, Randomized Controlled Trial, Systematic Review, in the last 5 years, Female, Adult: 19+ years	87	23:31:41
#18	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Meta-Analysis, Randomized Controlled Trial, Systematic Review, in the last 5 years, Female, Adult: 19+ years	126	23:28:59
#17	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Meta-Analysis, Randomized Controlled Trial, Systematic Review, Female, Adult: 19+ years	460	23:28:51

nicotine replacement therapy[Title]



Search

[Advanced](#) [Create alert](#) [Create RSS](#)

英

[User Guide](#)

Save

Email

Send to

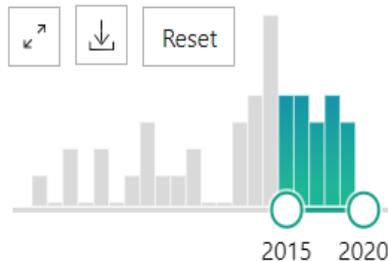
Sorted by: Best match

Display options

MY NCBI FILTERS

14 results

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

- Books and Documents

Filters applied: Free full text, Full text, Meta-Analysis, Randomized Controlled Trial, Systematic Review, in the last 5 years, Female, Adult: 19+ years. [Clear all](#)



A Randomized Trial of E-Cigarettes versus **Nicotine-Replacement Therapy**.

1 Hajek P, Phillips-Waller A, Przulj D, Pesola F, Myers Smith K, Bisal N, Li J, Parrott S, Sasieni P, Dawkins L, Ross L, Goniewicz M, Wu Q, McRobbie HJ.

Cite

N Engl J Med. 2019 Feb 14;380(7):629-637. doi: 10.1056/NEJMoa1808779. Epub 2019 Jan 30.

Share

PMID: 30699054 [Free article](#). Clinical Trial.



Effects of **Nicotine** Patch vs Varenicline vs Combination **Nicotine Replacement Therapy** on Smoking Cessation at 26 Weeks: A Randomized Clinical Trial.

2 Baker TB, Piper ME, Stein JH, Smith SS, Bolt DM, Fraser DL, Fiore MC.

Cite

JAMA. 2016 Jan 26;315(4):371-9. doi: 10.1001/jama.2015.19284.

Share

PMID: 26813210 [Free PMC article](#). Clinical Trial.



Effect of Long-term **Nicotine Replacement Therapy** vs Standard Smoking Cessation for Smokers With Chronic Lung Disease: A Randomized Clinical Trial.

3 Ellerbeck EF, Nollen N, Hutcheson TD, Phadnis M, Fitzgerald SA, Vacek J, Sharpe MR, Salzman GA, Richter KP.

Cite

JAMA Netw Open. 2018 Sep 7;1(5):e181843. doi: 10.1001/jamanetworkopen.2018.1843.

Share

Save Email Send to

Sorted by: Best match

Display options

MY NCBI FILTERS

12 results

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

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

Filters applied: Free full text, Full text, Meta-Analysis, Randomized Controlled Trial, Systematic Reviews, in the last 5 years, Female, Adult: 19+ years. [Clear all](#)

A Randomized Trial of E-Cigarettes versus Nicotine-Replacement Therapy.
 1 Hajek P, Phillips-Waller A, Przulj D, Pesola F, Myers Smith K, Bisal N, Li J, Parrott S, Sasieni P, Dawkins L, Ross L, Goniewicz M, Wu Q, McRobbie HJ.
N Engl J Med. 2019 Feb 14;380(7):629-637. doi: 10.1056/NEJMoa1808779. Epub 2019 Jan 30.
 PMID: 30699054 [Free article.](#) Clinical Trial.

“Cite Share

Cite引用：提供4種引用書目格式(AMA、MLA、APA、NLM)
Share：分享書目紀錄至FB/Twitter或取得永久連結

CITE
 2 Hajek P, Phillips-Waller A, Przulj D, et al. A Randomized Trial of E-Cigarettes versus Nicotine-Replacement Therapy. *N Engl J Med.* 2019;380(7):629-637. doi:10.1056/NEJMoa1808779

Cessation for Smokers With Chronic Disease: A Randomized Clinical Trial.
 3 Ellerbeck EF, Nollen N, Hutcheson TD, et al. *JAMA Netw Open.* 2019 Sep 7;1(5):e191842. doi:10.1001/jamanetworkopen.2019.1842

- Format:
- AMA
 - MLA
 - APA
 - NLM

Save

Email

Send to

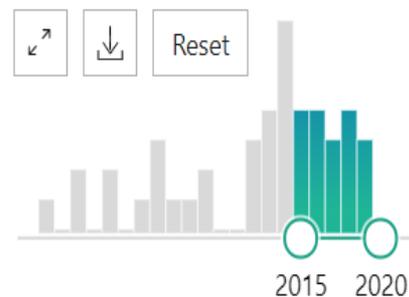
Sorted by: Best match

Display options

MY NCBI FILTERS 

14 results

RESULTS BY YEAR



TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

- Books and Documents
- Clinical Trial

Filters applied: Free full text, Full text, Meta-Analysis, Randomized Controlled Trial, Systematic Review, in the last 5 years, Female, Adult: 19+ years. [Clear all](#)

1 **A Randomized Trial of E-Cigarettes versus **Nicotine-Replacement Therapy.****

Hajek P, Phillips-Waller A, Przulj D, Pesola E, Myers-Smith K, Rival N, Li J, Parrott S, Sasieni P, Dawkins J

Cite Ross L, Goniewicz M, Wu Q, McRobbie HJ.
N Engl J Med. 2019 Feb 14;380(7):629-637. doi: 10.1056/NEJMoa1808779. Epub 2019 Jan 30.

Share PMID: 30699054 **Free article.** Clinical Trial.

2 **Effects of **Nicotine** Patch vs Varenicline vs Combination **Nicotine Replacement Therapy** on Smoking Cessation at 26 Weeks: A Randomized Clinical Trial.**

Cite Baker TB, Piper ME, Stein JH, Smith SS, Bolt DM, Fraser DL, Fiore MC.
JAMA. 2016 Jan 26;315(4):371-9. doi: 10.1001/jama.2015.19284.

Share PMID: 26813210 **Free PMC article.** Clinical Trial.

3 **Effect of Long-term **Nicotine Replacement Therapy** vs Standard Smoking Cessation for Smokers With Chronic Lung Disease: A Randomized Clinical Trial.**

Cite Ellerbeck EF, Nollen N, Hutcheson TD, Phadnis M, Fitzgerald SA, Vacek J, Sharpe MR, Salzman GA, Richter KP.

Share JAMA Netw Open. 2018 Sep 7;1(5):e181843. doi: 10.1001/jamanetworkopen.2018.1843.
PMID: 30646142 **Free PMC article.** Clinical Trial.

Search results

Save

Email

Send to

Display options

Randomized Controlled Trial > N Engl J Med. 2019 Feb 14;380(7):629-637.

doi: 10.1056/NEJMoa1808779. Epub 2019 Jan 30.

A Randomized Trial of E-Cigarettes versus Nicotine-Replacement Therapy

Peter Hajek¹, Anna Phillips-Waller¹, Dunja Przulj¹, Francesca Pesola¹, Katie Myers Smith¹, Natalie Bisal¹, Jinshuo Li¹, Steve Parrott¹, Peter Sasieni¹, Lynne Dawkins¹, Louise Ross¹, Maciej Goniewicz¹, Qi Wu¹, Hayden J McRobbie¹

Affiliations + expand

PMID: 30699054 DOI: 10.1056/NEJMoa1808779

Free article

Abstract

Background: E-cigarettes are commonly used in attempts to stop smoking, but evidence is limited regarding their effectiveness as compared with that of nicotine products approved as smoking-cessation treatments.

Methods: We randomly assigned adults attending U.K. National Health Service stop-smoking services

FULL TEXT LINKS



點選學校 logo 可取得圖書館已購買或 open access 免費全文



SHARE



PAGE NAVIGATION

< Title & authors

A Randomized Trial of E-Cigarettes versus Nicotine-Replacement Therapy

Hajek, Peter; Phillips-Waller, Anna; Przulj Dunja; Pesola Francesca; Myers, Smith Katie; 等.

The New England Journal of Medicine; Boston Vol. 380, Iss. 7, (Feb 14, 2019): 629-637. DOI:10.1056/NEJMoa1808779



下載 PDF 引用 電子郵件 列印 所有選

全文

全文 - PDF

摘要/詳細資料

參考文件 21

檢索 ProQuest...

臺北護理健康大學

引用者 (83)

具有共用參考的文件 (2926)

相關項目

Prevalence of vaping and smoking among adolescents in Canada, England, and the United States: repea...

Hammond, David; Reid, Jessica L; Rynard, Vicki L; Fong, Geoffrey T; Cummings, K Michael; 等.

BMJ (Clinical research ed.) Vol. 365, (June 20, 2019): l2219.

E-Cigarette Policies on College Campuses: Student Use Behaviors, Awareness, and Policy Support

Brown, Elizabeth M; Henes, Amy L; Olson, Lindsay T.

Journal of Community Health Vol. 41, Iss. 6, (December 2016): 1110-1115.

Adolescent Dual Use Classification and Its Association With Nicotine

THE NEW ENGLAND JOURNAL OF MEDICINE

ORIGINAL ARTICLE

A Randomized Trial of E-Cigarettes versus Nicotine-Replacement Therapy

Peter Hajek, Ph.D., Anna Phillips-Waller, B.Sc., Dunja Przulj, Ph.D., Francesca Pesola, Ph.D., Katie Myers Smith, D.Psych., Natalie Bisal, M.Sc., Jinshuo Li, M.Phil., Steve Parrott, M.Sc., Peter Sasieni, Ph.D., Lynne Dawkins, Ph.D., Louise Ross, Maciej Goniewicz, Ph.D., Pharm.D., Qi Wu, M.Sc., and Hayden J. McRobbie, Ph.D.

ABSTRACT

BACKGROUND

E-cigarettes are commonly used in attempts to stop smoking, but evidence is limited regarding their effectiveness as compared with that of nicotine products approved as

From Queen Mary University of London (P.H., A.P.-W., D.P., K.M.S., N.B., H.J.M.), King's College London (F.P., P.S.), and London South Bank University (L.D.),

doi: 10.1093/tbm/ibx008.

OXFORD
ACADEMIC NTUNHS

Factors influencing the impact of pharmacogenomic prescribing on adherence to nicotine replacement therapy: A qualitative study of participants from a randomized controlled trial

點選學校 logo，若未自動連結全文，可透過館際合作方式取得全文

[Alison J Wright](#)¹, [Stephen Sutton](#)², [David Armstrong](#)³, [Paul Aveyard](#)⁴, [Ann Louise Kinmonth](#)², [Theresa M Marteau](#)²

Affiliations + expand

PMID: 29385578 DOI: [10.1093/tbm/ibx008](#) Favorites

SHARE



PAGE NAVIGATION

< Title & authors

Abstract

Similar articles

Cited by

Abstract

Pharmacogenomics may improve health outcomes in two ways: by more precise and therefore more effective prescribing, tailored to genotype, and by increasing perceived effectiveness of treatments and so motivation for adherence. Little is known about patients' experiences of, and reactions to, receiving pharmacogenomically tailored treatments. The aim of this study was to explore the impact of pharmacogenomic prescribing of nicotine replacement therapy (NRT) on smokers' initial expectations of quit success, adherence, and perceived important differences from previous quit attempts. Semi-structured interviews were conducted with 40 smokers, purposively sampled from the Personalized Extra Treatment (PET) trial (ISRCTN 14352545). Together with NRT patches, participants



Full Text
Finder

Factors influencing the impact of pharmacogenomic prescribing on adherence to nicotine replacement therapy: A qualitative study of participants from a randomized controlled trial

Wright, Alison. *Translational Behavioral Medicine* Volume: 8 Issue 1 (2018) ISSN: 1613-9860

National Taipei University
of Nursing and Health

Full Text Finder Results

Resources Located for this Citation

[Submit an ILL request \(Fee-Based Service\)](#).(館際合作取得全文--需付費)

若系統未自動連結全文，可點選
Submit an ILL request (Fee-Based Service)利用館際合作方式取得全文

[Top of Page](#)

[EBSCO Support Site](#) [Copyright](#) [Privacy Policy](#) [Terms of Use](#)

© 2024 EBSCO Information Services. All rights reserved.

Interlibrary Loan Request Form

確定要透過館際合作取得全文，
請填入個人資料（需付費）

顯示中文表單

Personal Information:

Name	<input type="text"/>	*
Library Card #	<input type="text"/>	
Email Address	<input type="text"/>	*
Comments	<input type="text"/>	

Item Information:

Genre	<input type="text"/>
Article Title	Factors influencing the impact of pharmacogenomic pres
Journal Title	Translational Behavioral Medicine
Author(s)	Wright, Alison J.;Sutton, Stephen;Armstrong, David;Aveya
Publisher	<input type="text"/>
Date	2018
Volume	8
Issue	1
Start Page	18
DOI	10.1093/tbm/tx008
ISSN	18696716
ISBN	<input type="text"/>
PubMed ID	29385578
SID	<input type="text"/>

系統會自動填入文獻書目資料

填入個人資料後，點
選 submit。
會有專人與您確認。

Warning Concerning Copyright Restrictions

The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyrighted material. Under certain conditions specified in the law, libraries and archives are authorized to furnish a photocopy or other reproduction. One of these specified conditions is that the photocopy or reproduction is not to be "for any purpose other than private study, scholarship, or research". If a user makes a request for, or later uses, a photocopy or reproduction for purposes in excess of "fair use", that user may be liable for copyright infringement. This institution reserves the right to refuse a copying order if, in its judgement, fulfillment of the order would involve violation of copyright law.

Submit

History and Search Details

可下載檢索歷史

Download

Delete

Search Actions Details Query

Advance → 查看檢索歷史

				Results	Time
			ment therapy[Title] Filters: Free full text, Full randomized Controlled Trial, Systematic Review, Female, Adult: 19+ years	14	23:59:33
#19	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Free full text, Meta-Analysis, Randomized Controlled Trial, Systematic Review, in the last 5 years, Female, Adult: 19+ years	87	23:31:41
#18	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Meta-Analysis, Randomized Controlled Trial, Systematic Review, in the last 5 years, Female, Adult: 19+ years	126	23:28:59
#17	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Meta-Analysis, Randomized Controlled Trial, Systematic Review, Female, Adult: 19+ years	460	23:28:51
#14	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Female, Adult: 19+ years	1,142	23:28:36
#13	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Female	1,330	23:28:30
#12	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy)	2,082	23:14:53
#9	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Randomized Controlled Trial, Systematic Review, in the last 5 years	187	23:14:30
#7	...	>	Search: (" Smoking Cessation "[Majr]) AND (nicotine replacement therapy) Filters: Meta-Analysis, Randomized Controlled Trial, Systematic Review	706	23:12:50

如何查詢期刊全名

Search

Advanced

PubMed® comprises more than 30 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.



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](#)

Trending Articles

Latest Literature

NLM Catalog: Journals referenced in the NCBI Databases

Limit your NLM Catalog search to the subset of journals that are referenced in NCBI database records

Enter topic, journal title or abbreviation, or ISSN:

[Advanced Search](#)

J NURS EDUC

X

Search

The Journal of nursing education

International journal of nursing education scholarship

Journal of nursing education and practice

可輸入主題、期刊名、期刊縮寫及ISSN

You are here: [NCBI](#) > [Literature](#) > [National Library of Medicine \(NLM\) Catalog](#)

[Support Center](#)

GETTING STARTED

[NCBI Education](#)

[NCBI Help Manual](#)

[NCBI Handbook](#)

[Training & Tutorials](#)

[Submit Data](#)

RESOURCES

[Chemicals & Bioassays](#)

[Data & Software](#)

[DNA & RNA](#)

[Domains & Structures](#)

[Genes & Expression](#)

[Genetics & Medicine](#)

[Genomes & Maps](#)

[Homology](#)

[Literature](#)

[Proteins](#)

[Sequence Analysis](#)

[Taxonomy](#)

[Variation](#)

POPULAR

[PubMed](#)

[Bookshelf](#)

[PubMed Central](#)

[BLAST](#)

[Nucleotide](#)

[Genome](#)

[SNP](#)

[Gene](#)

[Protein](#)

[PubChem](#)

FEATURED

[Genetic Testing Registry](#)

[GenBank](#)

[Reference Sequences](#)

[Gene Expression Omnibus](#)

[Genome Data Viewer](#)

[Human Genome](#)

[Mouse Genome](#)

[Influenza Virus](#)

[Primer-BLAST](#)

[Sequence Read Archive](#)

NCBI INFORMATION

[About NCBI](#)

[Research at NCBI](#)

[NCBI News & Blog](#)

[NCBI FTP Site](#)

[NCBI on Facebook](#)

[NCBI on Twitter](#)

[NCBI on YouTube](#)

[Privacy Policy](#)

可得知期刊全名並利用文獻傳遞服務系統取得全文

Journal subsets [clear](#)

✓ Referenced in the NCBIDBs

Currently indexed in MEDLINE

[More ...](#)

Languages

English

[More ...](#)

[Clear all](#)

[Show additional filters](#)

The Journal of nursing education

NLM Title Abbreviation: J Nurs Educ

ISO Abbreviation: J Nurs Educ

Title(s): The Journal of nursing education.

Other Title(s): JNE

Publication Start Year: 1962

Frequency: Twelve no. a year, 2002-

Country of Publication: United States

Publisher: New York, N.Y. : Blackiston Division, McGraw-Hill, [c1962-

Latest Publisher: Thorofare, N.J. : Charles B. Slack

Description: v. ill.

Language: English

ISSN: 0148-4834 (Print)
0148-4834 (Linking)

Acid-Free: No

Coden: JNUEAW

Electronic Links: <http://www.healio.com/journals/jne>

In: Index medicus v4n4, Nov. 1965-
MEDLINE v4n4, Nov. 1965-
PubMed v4n4, Nov. 1965-
International nursing index v4n4, Nov. 1965-
v39n5, May 2000
OLDMEDLINE

Current Indexing Status: Currently indexed for MEDLINE.

Current Subset: Index Medicus; Nursing

Version Indexed: Print

MeSH: Education, Nursing*
United States

Publication Type(s): Periodicals

Notes: Imprint varies.
At head of title: JNE, Jan. 1974-Sept. 1983.
Title

Related Information

[PubMed](#)

[Related Records in Catalog](#)

[Single Citation Matcher](#)

PubMed Search Builder

"J Nurs Educ"[Journal]

[Add to search builder](#)

[Search PubMed](#)

點選Add to search builder
再點選Search PubMed可找到此期刊中各篇文章

["J Nurs Educ"\[Journal\] \(3706\)](#)

["J Nurs Educ"\[Journal\] AND \(Clinical Trial\[ptyp\]\) \(126\)](#)

[J NURS EDUC AND \(ncbijournals\[AI](#)

圖書館網址：<https://library.ntunhs.edu.tw/>
電子資源查詢系統：<http://erslib.ntunhs.edu.tw/er/>

文獻檢索相關問題，歡迎洽詢圖書館
28227101#2610、2619