

實證醫學
Evidence Based Medicine (EBM)

文獻搜尋

劉文華 醫師
光田醫療社團法人 光田綜合醫院
實證醫學組

實證醫學的五個步驟

- 1) Ask an answerable question 〔問可以回答的問題〕
- 2) Search for the best evidences 〔搜尋最佳證據〕
- 3) Critically appraise those evidences 〔嚴格的文獻評讀〕
- 4) Apply to the patient 〔臨床應用〕
- 5) Evaluate our performance 〔評估與稽核以上步驟〕

大綱

- 文章類型介紹
- 資料庫介紹
- 文獻搜尋的方法與技巧

文章類型介紹



Pyramid of EBM



Systematic review 系統性文獻回顧

特色：

1. 文內有清楚的主題與完整的內含或除外之定義。
2. 引用多源之文獻資料。
3. 引用之各文獻中皆有分析評估其個別之研究品質。
4. 有將各文獻結果依其品質程度或統計分析水準做『統合分析』(Meta-analysis)。

Metformin induces significant reduction of body weight, total cholesterol and LDL levels in the elderly - A meta-analysis.

Solymár M¹, Ivic I¹, Pótó L², Hegyi P^{1,3,4}, Garami A¹, Hartmann P⁵, Pétervári E¹, Czopf L⁶, Hussain A⁷, Gyöngyi Z⁸, Sarlós P⁹, Simon M¹⁰, Mátrai P², Bérczi B⁸, Balaskó M¹.

Abstract

BACKGROUND: Metformin is the first-choice drug for patients with Type 2 diabetes, and this therapy is characterized by being weight neutral. However, in the elderly an additional unintentional weight loss could be considered as an adverse effect of the treatment.

OBJECTIVES: We aimed to perform a meta-analysis of placebo-controlled studies investigating the body weight changes upon metformin treatment in participants older than 60 years.

MATERIALS AND METHODS: PubMed, EMBASE and the Cochrane Library were searched. We included at least 12 week-long studies with placebo control where the mean age of the metformin-treated patients was 60 years or older and the body weight changes of the patients were reported. We registered our protocol on PROSPERO (CRD42017055287).

RESULTS: From the 971 articles identified by the search, 6 randomized placebo-controlled studies (RCTs) were included in the meta-analysis (n = 1541 participants). A raw difference of -2.23 kg (95% CI: -2.84 --1.62 kg) body weight change was detected in the metformin-treated groups as compared with that of the placebo groups (p<0.001). Both total cholesterol (-0.184 mmol/L, p<0.001) and LDL cholesterol levels (-0.182 mmol/L, p<0.001) decreased upon metformin-treatment.

CONCLUSIONS: Our meta-analysis of RCTs showed a small reduction of body weight together with slight improvement of the blood lipid profile in patients over 60 years. With regard to the risk of unintentional weight loss, metformin seems to be a safe agent in the population of over 60 years. Our results also suggest that metformin treatment may reduce the risk of major coronary events (-4-5%) and all-cause mortality (-2%) in elderly diabetic populations.

□ 1: [Arch Surg](#). 2009 Jan;144(1):69-76; discussion 76.

Antiplatelet agents in the perioperative period.

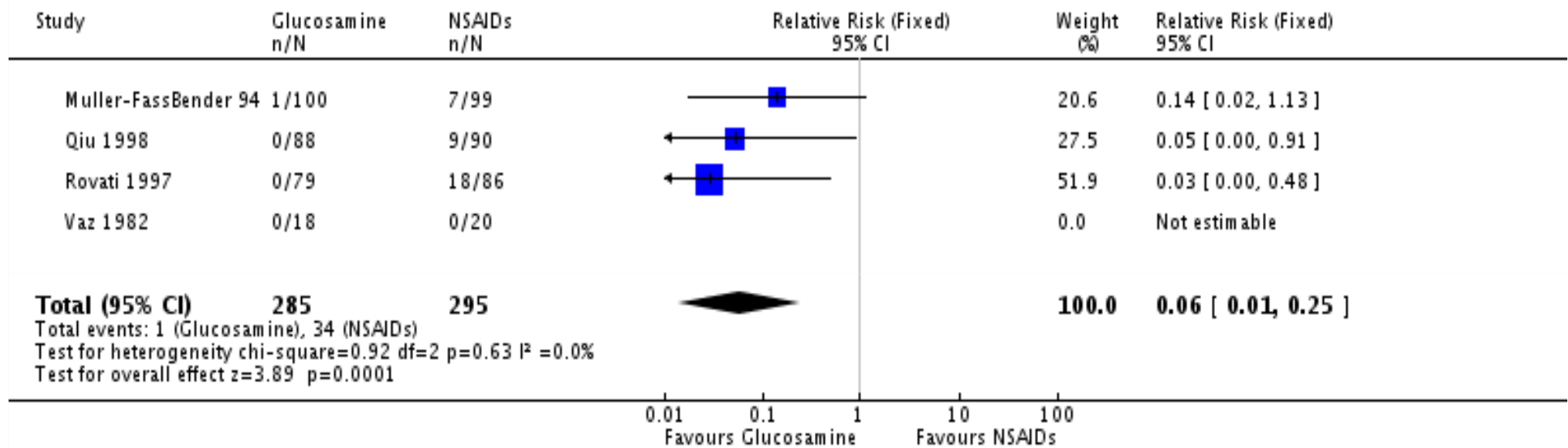
[O'Riordan JM](#), [Margey RJ](#), [Blake G](#), [O'Connell PR](#).

Department of Surgery, Mater Misericordiae University Hospital, Dublin, Ireland.

OBJECTIVE: To determine the use of the 3 major classes of antiplatelet drugs (aspirin, thienopyridines, and glycoprotein IIb/IIIa inhibitors), their management in the perioperative period, and the risks associated with premature withdrawal. **DATA SOURCES:** We reviewed the PubMed, EMBASE, and Cochrane databases using the terms antiplatelet agents in the perioperative period, antiplatelet agents and management of bleeding, drug-eluting stents and stent thrombosis, substitutes for antiplatelet agents, and premature withdrawal of antiplatelet agents. **STUDY SELECTION:** Randomized, double-blind, placebo-controlled trials; prospective observational studies; review articles; clinical registry data; and guidelines of professional bodies pertaining to antiplatelet agents were included. **DATA EXTRACTION AND SYNTHESIS:** Two researchers independently read the selected abstracts and selected the studies that matched the inclusion criteria. Any discordance between the 2 researchers was resolved by discussion so that 99 articles were finally included. **CONCLUSIONS:** Aspirin use should not be stopped in the perioperative period unless the risk of bleeding exceeds the thrombotic risk from withholding the drug. With the exception of recent drug-eluting stent implantation, clopidogrel bisulfate use should be stopped at least 5 days prior to most elective surgery. Use of glycoprotein IIb/IIIa inhibitors must be discontinued preoperatively for more than 12 hours to allow normal hemostasis. Premature withdrawal of antiplatelet agents is associated with a 10% risk of all vascular events. Following drug-eluting stent implantation, withdrawal is associated with stent thrombosis and potentially fatal consequences. No definitive guidelines exist to manage patients who are actively bleeding while taking these drugs.

Meta-analysis (Forest plot)

Review: Glucosamine therapy for treating osteoarthritis
 Comparison: 02 Glucosamine versus NSAIDs [Piroxicam, Ibuprofen]
 Outcome: 04 Toxicity (Number of Withdrawals due to Adverse Events)



Randomized controlled double-blind study

□ 1: [J Am Coll Cardiol](#). 2008 Jan 22;51(3):256-60.

Influence of omeprazole on the antiplatelet action of clopidogrel associated with aspirin: the randomized, double-blind OCLA (Omeprazole CLopidogrel Aspirin) study.

[Gilard M](#), [Arnaud B](#), [Cornily JC](#), [Le Gal G](#), [Lacut K](#), [Le Calvez G](#), [Mansourati J](#), [Mottier D](#), [Abgrall JF](#), [Boschat J](#).

Department of Cardiology, Brest University Hospital, Brest, France. martine.gilard@chu-brest.fr

OBJECTIVES: This trial sought to assess the influence of omeprazole on clopidogrel efficacy. **BACKGROUND:** Clopidogrel has proved its benefit in the treatment of atherothrombotic diseases. In a previous observational study, we found clopidogrel activity on platelets, tested by vasodilator-stimulated phosphoprotein (VASP) phosphorylation, to be diminished in patients receiving proton pump inhibitor (PPI) treatment. **METHODS:** In this double-blind placebo-controlled trial all consecutive patients undergoing coronary artery stent implantation received aspirin (75 mg/day) and clopidogrel (loading dose, followed by 75 mg/day) and were randomized to receive either associated omeprazole (20 mg/day) or placebo for 7 days. Clopidogrel effect was tested on days 1 and 7 in both groups by measuring platelet phosphorylated-VASP expressed as a platelet reactivity index (PRI). Our main end point compared PRI value at the 7-day treatment period in the 2 groups. **RESULTS:** Data for 124 patients were analyzed. On day 1, mean PRI was 83.2% (standard deviation [SD] 5.6) and 83.9% (SD 4.6), respectively, in the placebo and omeprazole groups ($p = \text{NS}$), and on day 7, 39.8% (SD 15.4) and 51.4% (SD 16.4), respectively ($p < 0.0001$). **RESULTS:** Omeprazole significantly decreased clopidogrel inhibitory effect on platelet P2Y₁₂ as assessed by VASP phosphorylation test. Aspirin-clopidogrel antiplatelet dual therapy is widely prescribed worldwide, with PPIs frequently associated to prevent gastrointestinal bleeding. The clinical impact of these results remains uncertain but merits further investigation.

PMID: 18206732 [PubMed - indexed for MEDLINE]

Cohort study

- 由現況追蹤到結果 (prospective)
- 例：找500個健康的抽煙者當study group，找500個健康的不抽煙者當control group. 追蹤10年，看那一組得lung cancer的比率較高。

Case-control study

- 由結果向前追蹤其原因 (retrospective)
- 例：找500個有lung cancer者當study group，找500個沒有lung cancer者當control group. 追溯其病史，看那一組的抽煙比率較高。

Case Report

1: [Thyroid](#). 2005 Nov;15(11):1299-302.

Definitive treatment for persistent hypoparathyroidism in a kidney transplant patient: parathyroid allotransplantation.

[Torregrosa NM](#), [Rodríguez JM](#), [Llorente S](#), [Balsalobre MD](#), [Rios A](#), [Jimeno L](#), [Parrilla P](#).

Department of General Surgery and Nephrology, Hospital Universitario Virgen de la Arrixaca, Murcia, Spain.

Post-surgical hypocalcemia is usually a transitory complication in thyroid and parathyroid surgery that can be resolved quickly, although it becomes a delicate matter when the problem persists. Parathyroid transplantation is the choice of treatment; however, the associated immunosuppression can cause side effects. The following case study shows the transplantation of parathyroid tissue from a patient with secondary hyperparathyroidism to another kidney transplant patient with severe hypocalcemia that was medically intractable. The graft is functioning after 2 years.

PMID: 16356096 [PubMed - indexed for MEDLINE]

Expert Opinion

- 1: [Expert Opin Pharmacother](#). 2008 Sep;9(13):2273-80.

An update on treatment strategies for acromegaly.

[Katznelson L.](#)

Department of Medicine, Stanford University School of Medicine, 875 Blake Wilbur Drive, Stanford, CA 94305-5821, USA. atznelson@stanford.edu

BACKGROUND: Acromegaly is an insidious disease due to growth hormone (GH) hypersecretion from a pituitary adenoma, and is associated with multiple comorbidities and risk of premature mortality. **OBJECTIVES:** To review the therapeutic goals and options for acromegaly. **METHODS:** Literature review. **RESULTS/CONCLUSION:** Surgery is the mainstay of therapy, but a role for primary medical therapy using somatostatin analogs is described as well. Somatostatin analogs are the mainstay for medical therapy, largely in an adjuvant setting. The GH receptor antagonist is also used and may be considered in addition to the somatostatin analogs, or as second line therapy. Based on these multiple modalities of therapy, it should be possible to achieve biochemical control in almost all patients.

PMID: 18710352 [PubMed - indexed for MEDLINE]

Oxford Center for EBM 2011 Levels of Evidence

Oxford Centre for Evidence-Based Medicine 2011 Levels of Evidence

| Question | Step 1 (Level 1*) | Step 2 (Level 2*) | Step 3 (Level 3*) | Step 4 (Level 4*) | Step 5 (Level 5) |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------|
| How common is the problem? | Local and current random sample surveys (or censuses) | Systematic review of surveys that allow matching to local circumstances** | Local non-random sample** | Case-series** | n/a |
| Is this diagnostic or monitoring test accurate? (Diagnosis) | Systematic review of cross sectional studies with consistently applied reference standard and blinding | Individual cross sectional studies with consistently applied reference standard and blinding | Non-consecutive studies, or studies without consistently applied reference standards** | Case-control studies, or "poor or non-independent reference standard** | Mechanism-based reasoning |
| What will happen if we do not add a therapy? (Prognosis) | Systematic review of inception cohort studies | Inception cohort studies | Cohort study or control arm of randomized trial* | Case-series or case-control studies, or poor quality prognostic cohort study** | n/a |
| Does this intervention help? (Treatment Benefits) | Systematic review of randomized trials or <i>n</i> -of-1 trials | Randomized trial or observational study with dramatic effect | Non-randomized controlled cohort/follow-up study** | Case-series, case-control studies, or historically controlled studies** | Mechanism-based reasoning |
| What are the COMMON harms? (Treatment Harms) | Systematic review of randomized trials, systematic review of nested case-control studies, <i>n</i> -of-1 trial with the patient you are raising the question about, or observational study with dramatic effect | Individual randomized trial or (exceptionally) observational study with dramatic effect | Non-randomized controlled cohort/follow-up study (post-marketing surveillance) provided there are sufficient numbers to rule out a common harm. (For long-term harms the duration of follow-up must be sufficient.)** | Case-series, case-control, or historically controlled studies** | Mechanism-based reasoning |
| What are the RARE harms? (Treatment Harms) | Systematic review of randomized trials or <i>n</i> -of-1 trial | Randomized trial or (exceptionally) observational study with dramatic effect | | | |
| Is this (early detection) test worthwhile? (Screening) | Systematic review of randomized trials | Randomized trial | Non-randomized controlled cohort/follow-up study** | Case-series, case-control, or historically controlled studies** | Mechanism-based reasoning |

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.

Grades of recommendation

| | |
|---|------------------------------------------------------------------------------------------|
| A | consistent level 1 studies |
| B | consistent level 2 or 3 studies <i>or</i> extrapolations from level 1 studies |
| C | level 4 studies <i>or</i> extrapolations from level 2 or 3 studies |
| D | level 5 evidence <i>or</i> troublingly inconsistent or inconclusive studies of any level |

- ***"Extrapolations" are where data is used in a situation which has potentially clinically important differences than the original study situation***

CEBM



CENTRE FOR EVIDENCE-BASED MEDICINE

HOME

EDUCATION & TRAINING

EVENTS

EBM RESOURCES

BLOG

PROJECTS

search



REC

Evid

Eviden

資料庫介紹



Primary (unfiltered) databases

- PubMed
- Medline
- EMBASE
- CINAHL
- CEPS中文電子期刊

Medline

- 醫學資料庫
- 1966年，緣起於美國國家醫學圖書館(National Library of Medicine)(NLM)發行的 Index Medicus。
- 收錄期刊數：5600多種(包括37種語言,超過80個國家),其中48%的出版品來自美國,將近88%出版品是以英文寫成,76%有作者寫的英文摘要。
- 學科主題：臨床及基礎醫學、護理、牙醫、獸醫及醫療相關如醫技、職治、物治 及生命科學如生物學、環境科學等。

Medline

- 收錄年代：Old Medline: 1949-1965
Medline: 1966- present
- 資料更新速度：每天(從星期二至星期六)
- 所有文章均由專業圖書館員加上醫學標題(Medical Subject Headings，簡稱MeSH)。
- 查詢的介面：
PubMed:該網站為NCBI所提供免費使用
由各商業出版界添加各種查詢介面功能的 Medline，如
Ovid Medline、EBSCO Medline、Proquest Medline。

PubMed

- 為美國國家醫學圖書館(NLM)的國家生技資訊中心 (National Center for Biotechnology Information) (NCBI)所製作的生物醫學相關文獻的書目索引摘要資料庫，並提供部分免費及付費全文連結服務。
- 1996年1月設立，1997年6月供網路上免費使用。
- 透過 PubMed可以查到 MEDLINE 資料庫所收錄之資料，但不限於 MEDLINE。
- 資料更新速度：每天(從星期二至星期六)

PudMed

- 除了可找MEDLINE收錄的文章外，PudMed還可找下列資訊：
 1. 處理中的文章(In-process citations)，此類文章尚未由專業館員加上MeSH，亦尚未收錄於MEDLINE。
 2. 尚未正式發表的期刊文章，此類文章通常是出版社經由電子方式提交給NLM。
 3. 部分尚未更新為近代辭彙，或尚未收錄於MEDLINE的 OLD MEDLINE資料。
 4. 非MEDLINE收錄範圍之生命科學相關主題的文章。
 5. 尚未被MEDLINE收錄，但已提交電子全文予PubMed Central，且經由NLM審核過的生命科學期刊文章。
 6. 美國國家衛生研究院 (National Institutes of Health，簡稱NIH)資助之研究者所發表的文章。

EMBASE

(Excerpta Medica dataBASE)

- 醫學、生物醫學與藥理學資料庫。
- 完整涵蓋 MEDLINE，且多收錄50%期刊。
- 更多歐洲與亞洲文獻。
- 有較多非英語的生醫期刊。
- 涵蓋期刊、會議摘要以及藥名索引並且每日更新資訊，含 articles in press。
- 只有訂閱者可以使用 EMBASE 資料庫。

From Elsevier

Embase.com

~ 3500 萬篇文獻, 8300 種期刊
~240 萬篇會議文摘 (收錄至 7000+
專業研討會)

MEDLINE

~2419 萬篇文獻
~5300 種期刊

Pubmed
~2800 萬篇

2018/10/24 更新數據

CINAHL (Cumulative Index to Nursing and Allied Health Literature)

- 自1956年至今為護理學最具權威性的資料庫。
- 在所持續收錄的2,800多種醫護與健康領域的期刊中，逾1,000種是MEDLINE所沒有收錄的。
- 收錄有全球英文護理專業期刊、美國護理協會、國際護理聯盟組織及護理衛生科學聯盟組織及選錄自生物醫學Index Medicus中有關護理文獻之資料,共計約有3,200種期刊。有關於護理學主題之博、碩士論文,及多種衛生健康科學方面之文獻與理學之博、碩士論文、心理學、行為科學、管理學文獻等資料亦收錄於其中。目前資料庫筆數共計約有23萬筆左右。
- 自CINAHL資料庫檢索結果可連結至Nursing Collection 40種全文期刊。

華藝線上圖書館全新改版！立即體驗 >>

訊息快速： [查詢問卷](#) [公告](#) [公告](#) [公告](#) [公告](#) [公告](#) [公告](#) [公告](#) [公告](#) [公告](#)

研討會訊息公告 >>

文章查詢

進階查詢

出版品查詢

篇名/關鍵字/摘要

作者

書名/刊名/論文發表系所

查詢

出版地區： 所有地區 臺灣 中國大陸 美國 其他地區

文獻類型： 所有類型 CEPS電子期刊 會議論文 CETD碩博士論文 電子書

高學術影響力期刊盡在華藝線上圖書館

收錄80%以上之 [TSSCI](#) 與 [THCI Core](#) 指標期刊

超過50種以上之 [SCI](#)、[SSCI](#)、[A&HCI](#) 國際指標期刊 讓您一次看個夠！

全國收錄最多！

[查看更多指標期刊](#)

熱門排行

- » 一位精神分裂症患者自我照顧能力缺失之護理經驗
- » 建立傷口照護標準—以壓瘡傷口為例
- » 老年人常見之泌尿道感染
- » 傷口照護與敷料運用

airiti | 華藝數位

台灣唯一官方 DOI 註冊中心

精選期刊



榮總護理/榮總護理雜誌社

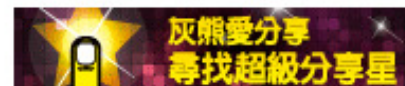
推薦閱讀 Free!

篇名：美日韓台職業棒球球員工會成立之沿革

來源：文化體育學刊
(2008/09)

作者：黃士魁;陳進財;李軾揚;張宗傑

優質網站推薦



Secondary (prefiltered) databases

- The Cochrane Library
- Secondary journals: EBM, ACP Journal Club
- Evidence-based textbook/summary: UpToDate, DynaMed Plus, Best Practice
- Evidence-based guideline: National Guideline Clearinghouse, NICE

The Cochrane Library

- 由 Cochrane collaboration 設立。
- Cochrane collaboration 是一個國際性、非營利性且獨立的機構，建立於 1993 年。
- 此組織致力於提供目前世上關於健康照護成效之最新的、最精確的訊息，並且宣傳健康照護之系統性回顧以及促進臨床試驗之證據檢索。

The Cochrane Library

- Cochrane Database of Systematic Reviews (CDSR)
- Database of Abstracts of Reviews of Effects (DARE)
- Cochrane Central Register of Controlled Trials (CENTRAL)(CCRT)
- Cochrane Methodology Register
- Health Technology Assessment Database
- NHS Economic Evaluation Database

The Cochrane Library

- Cochrane Database of Systematic Reviews (CDSR)
- ~~Database of Abstracts of Reviews of Effects (DARE)~~
- Cochrane Central Register of Controlled Trials (CENTRAL)(CCRT)
- ~~Cochrane Methodology Register~~
- ~~Health Technology Assessment Database~~
- ~~NHS Economic Evaluation Database~~

Cochrane Database of Systematic Reviews (Cochrane Reviews, CDSR)

- 提供疾病與健康照護問題系統性的評論與治療效果結論全文
- 針對特定的疾病或其他健康照顧方面的問題給予系統評論定義，並裁定這項治療方法是否有效（53個系統評論小組）
- 2010年起由每季更新調整為每月更新
- 包含 7835筆 Reviews及 2453筆進行中的 Protocols (December 2018)

Cochrane central register of controlled trials (Trials)(CENTRAL)

- 資料來自 MEDLINE 及 EMBASE 書目資料庫，數百種專業醫學期刊、會議資料及其他尚未出版的臨床實驗計劃，或僅於研討會發表之文獻報告。
- 大約有五分之三的內容來自MEDLINE。
- 內容包括文章標題、出版來源及文章大綱，不包含全文資料。
- 全世界收錄最多且最大的隨機臨床實驗資料庫。

Cochrane Reviews
105

Cochrane Protocols
18

Trials
9410

Editorials
1

More

Filter your results

Date



Publication date

The last 3 months 1

The last 6 months 7

The last 9 months 10

The last year 11

The last 2 years 20

Custom Range:

dd/mm/yyyy to dd/mm/yyyy

Apply

Clear

105 Cochrane Reviews matching on 'pancreatitis in Title Abstract Keyword - (Word variations have been searched)'

Cochrane Database of Systematic Reviews

Issue 11 of 12, November 2018

Select all (105) Export selected citation(s) [Show all previews](#)

Order by **Relevancy** ▼

Results per page **25** ▼

- 1 **Antioxidants for pain in chronic pancreatitis**
Usama Ahmed Ali, Sjoerd Jens, Olivier RC Busch, Frederik Keus, Harry van Goor, Hein G Gooszen, Marja A Boermeester
[Show Preview](#) ▼ Intervention Review 21 August 2014 Free access
- 2 **Opioids for acute pancreatitis pain**
Xavier Basurto Ona, David Rigau Comas, Gerard Urrútia

- Cochrane Reviews 105
- Cochrane Protocols 18
- Trials 9410**
- Editorials
- More

Filter your results

Year i

Year first published

2018 359

2017 1001

2016 1174

2015 820

2014 616

Custom Range:

yyyy to yyyy

Apply Clear

9410 Trials matching on 'pancreatitis in Title Abstract Keyword - (Word variations have been searched)'

Cochrane Central Register of Controlled Trials

Issue 11 of 12, November 2018

Select all (9410) Export selected citation(s)

Order by Relevancy

Results per page 25

1 **Patient-Initiated and ConTrolled Oral Refeeding (PICTOR)**

NCT01728896

Https://clinicaltrials.gov/show/nct01728896, 2012 | added to CENTRAL: 31 May 2018 | 2018 Issue 5

2 **Early Endoscopic Ultrasound - Based Sphincterotomy or Conservative Treatment in Severe Biliary**

Database of Abstracts of Reviews of Effectiveness (DARE)

- 內容由設立於英國約克大學（University of York）的 Centre for Reviews and Dissemination (CRD) 所提供。
- 由組織經過評估、從有學術價值的醫學期刊中選出系統性回顧(systematic review)的文章，並將之集合而成摘要型資料庫，並提供文獻品質之評核。
- 唯一收錄經過嚴格審核標準的系統評論摘要資料庫；每一筆摘要包括總結概述，以及審核標準的說明。

Welcome to the CRD Database

[Sign in](#) [Register](#)

Home

[Results](#)[History](#)[About the databases](#)[News](#)[Guide to searching](#)[My details](#)[RSS](#)[Contact](#)[Link to PROSPERO](#)[Disclaimer](#)
[FOLLOW US ON twitter](#)

Any field OR

Title OR

Author

Record date to

Publication year to

- DARE**
- CRD assessed review (bibliographic)
 - CRD assessed review (full abstract)
 - Cochrane review
 - Cochrane related review record
- NHS EED**
- CRD assessed economic evaluation (bibliographic)
 - CRD assessed economic evaluation (full abstract)
- HTA**
- HTA in progress
 - HTA published

News

DARE and NHS EED archives secure on CRD website until at least 2021

CRD would like to reassure our many thousands of users that we are committed to maintaining archive versions of DARE and NHSEED until at least 2021 (the point to which we have funds to support maintenance). [Bibliographic records were published on DARE and NHS EED until 31st March 2015. Searches of MEDLINE, Embase, CINAHL, PsycINFO and PubMed were continued until the end of the 2014.]

We know the databases remain a valuable resource to those seeking to find out if reviews and economic evaluations have already been done before embarking on new projects. and in

Most shared

[Effect of long-acting beta-agonists on the frequency of COPD exacerbations: a meta-analysis](#)

[Effects of the Finnish Alzheimer Disease Exercise Trial \(FINALEX\): a randomized controlled trial](#)

[A systematic review and meta-analysis of yoga for low back pain](#)

[A comparison of the clinical effectiveness and cost-effectiveness of treatments for moderate to severe psoriasis](#)

[Radiation-induced cardiac toxicity after therapy for breast cancer: interaction between treatment era and follow-up duration](#)

Critically-appraised individual journal articles (secondary journal)

- **ACP Journal Club Collection ----**
ACP Journal Club, Evidence-Based Medicine

ACP Journal Club Collection

- 含括「**ACP Journal Club**」(American College of Physicians, 美國內科醫師學會出版)與「**Evidence-Based Medicine**」(ACP與British Medical Journal Group合作出版)兩種出版品,每月至少過濾50種以上之核心期刊,搜尋最佳之原始與評論性文章,結構化整理摘要評論及摘要出其中重要實證所得。

ACP Journal Club®

ARCHIVES

[About ACP Journal Club](#) | [About ACP](#)



ACP Journal Club Archives is a collection of articles and editorials from *ACP Journal Club* published between January 1991 and April 2008 when it was a bimonthly stand-alone journal. Since May 2008, *ACP Journal Club* has been published as a monthly feature of *Annals of Internal Medicine* that summarizes the best new evidence for internal medicine from over 130 clinical journals. Research staff and clinical editors rigorously assess the scientific merit of the medical literature as it is published, and a worldwide panel of over 5000 physicians assesses the clinical relevance and newsworthiness of rigorous studies.

Archive Issues by Year

[1991](#) | [1992](#) | [1993](#) | [1994](#) | [1995](#) | [1996](#) | [1997](#) | [1998](#) | [1999](#) | [2000](#) | [2001](#) | [2002](#) | [2003](#) | [2004](#) | [2005](#) | [2006](#) | [2007](#) | [2008](#)

NEVER MISS
important articles in your
specialty again!

The Most Personalized Literature Updating Service in Medicine

ACP | JournalWise 



Annals of Internal Medicine®

SEARCH



ADVANCED SEARCH



JC ACP JOURNAL CLUB

ACP Journal Club summarizes the best new evidence for internal medicine from over 120 clinical journals. Once a bimonthly stand-alone journal, ACP Journal Club is now a monthly feature of Annals of Internal Medicine. Research staff and clinical editors rigorously assess the scientific merit of the medical literature as it is published and a worldwide panel of over 5000 physicians assesses the clinical relevance and newsworthiness of rigorous studies.

[Purpose and Procedure](#) | [Glossary](#) | [Editorial Staff](#)

SORT BY ▼

Search ACP Journal Club



Article Type

ACP Journal Club (1475)

Topics

Cardiology (573)

Coronary Risk Factors (313)

Endocrine and Metabolism (252)

Neurology (241)

ACP JOURNAL CLUB | 20 NOVEMBER 2016

Review: Long-chain ω-3 fatty acids have no effect on mortality or overall cardiovascular events

View: [Full Text](#) | [Abstract/Excerpt](#)

Advertisement

Maximize Your Payments
in Medicare's Quality
Payment Program



ACP's Practice Resources provide smooth sailing
to understand the changing rules.

ACP

Journal of the **Royal Army Medical Corps**  Keep up to date with the latest advances in military medicine
 **BMJ** [Learn more today >](#)

BMJ Evidence-Based Medicine

BMJ Evidence-Based Medicine publishes original evidence based research, insights and opinions on what matters for health care. The journal focuses on the tools, methods, and concepts that are basic and central to practising evidence-based medicine.

We deliver relevant, trustworthy and impactful evidence by: disseminating relevant research, providing debate, analysis, and opinion on trusted evidence that matters for better healthcare and publishing original research that affects practice.

BMJ Evidence-Based Medicine adheres to the highest possible industry standards concerning publication ethics. To read the journal's detailed guidelines please see our [policies](#).



Authors

BMJ Evidence-Based Medicine accepts submissions of a wide range of article types, including original research, debate, analysis & opinion, and clinical spotlight.



Latest Content

EBM OPINION AND DEBATE:
[Evidence-based management as a basis for evidence-based medical consultation](#)

Plasma exchange led to a higher rate of renal recovery than intravenous methylprednisolone in severe vasculitis

Jayne DR, Gaskin G, Rasmussen N, et al. Randomized trial of plasma exchange or high-dosage methylprednisolone as adjunctive therapy for severe renal vasculitis. *J Am Soc Nephrol*. 2007;18:2180-8.

Clinical impact ratings: Hospitalists ★★★★★☆☆ Allerg & Immunol ★★★★★☆☆ Hematol/Thrombo ★★★★★☆☆ Nephrology ★★★★★★★

QUESTION

In patients with severe vasculitis who receive cyclophosphamide and oral prednisolone, does plasma exchange increase renal recovery more than intravenous (IV) methylprednisolone?

METHODS

Design: Randomized controlled trial.

Allocation: Concealed.*

Blinding: Unblinded.*

Follow-up period: 12 months.

Setting: 28 hospitals in 9 countries in Europe.

Patients: 137 patients (median age 66 y, 61% men) with Wegener granulomatosis or microscopic polyangiitis; biopsy-proven, pauci-immune, necrotizing, or crescentic glomerulonephritis; and serum creatinine level > 500 $\mu\text{mol/L}$ (5.8 mg/dL). Exclusion criteria included age < 18 or > 80 years, pregnancy, circulating antglomerular basement

ma exchanges given within 14 days of study entry, with an exchange volume of 60 mL/kg at each session, and volume replacement with 5% albumin ($n = 70$). In addition, all patients received oral prednisolone (1 mg/kg per d, tapered to 0.25 mg/kg per d by 10 wk, 15 mg/d by 3 mo, and 10 mg/d between 5 and 12 mo) and oral cyclophosphamide (2.5 mg/kg per d, or 2 mg/kg per d for those aged > 60 y, reduced to 1.5 mg/kg per d at 3 mo, and stopped at 6 mo). Azathioprine, 2 mg/kg per day, was started at 6 months.

Outcomes: Renal recovery (survival, dialysis independence, and serum creatinine < 500 $\mu\text{mol/L}$ [5.8 mg/dL]) at 3 months. Secondary outcomes were survival, end-stage renal disease (ESRD), and adverse events.

Patient follow-up: 84% at 3 months (intention-to-treat analysis).

MAIN RESULTS

At 3 months, renal recovery was higher with plasma exchange than with methylprednisolone (Table). The risk for ESRD at 3 months was lower in the plasma-exchange group than the methylprednisolone group (Table). At 12 months, groups did not differ for survival or adverse events (Table).

CONCLUSION

In patients with severe vasculitis who received cyclophosphamide and prednisolone, plasma exchange led to greater renal recovery than did intravenous methylprednisolone.

Source of funding: European Union.

For correspondence: Dr. D. Jayne, Addenbrooke's Hospital, Cambridge, England, UK. E-mail dj106@cam.ac.uk. ■

*See Glossary.

membrane (GBM) antibodies or linear IgG staining of the GBM on renal biopsy, other multisystem autoimmune disease, life-threatening nonrenal manifestations of vasculitis, creatinine > 200 μmol/L (2.3 mg/dL) ≥ 1 year before study entry, dialysis > 2 weeks before study entry, a second cause of renal failure, previous episode of biopsy-proven necrotizing glomerulonephritis, > 2 weeks of cyclophosphamide or azathioprine, > 500 mg of IV methylprednisolone, plasma exchange in the preceding year, and > 3 months of treatment with oral prednisolone. **Intervention:** IV methylprednisolone, 1000 mg/d for 3 days (*n* = 67), or a total of 7 plas-

Plasma exchange (PE) vs high-dose IV methylprednisolone (Met) in patients with severe vasculitis†

| Outcomes | PE | IV Met | RBI (95% CI) | NNT (CI) |
|----------------------------------------------------|-----|--------|------------------|-----------------|
| Renal recovery at 3 mo | 69% | 49% | 39% (5 to 89) | 6 (3 to 36) |
| | | | RBR (CI) | NNH (CI) |
| Survival at 12 mo | 73% | 76% | 4% (-17 to 22) | Not significant |
| | | | RRR (CI) | NNT (CI) |
| ESRD at 3 mo | 19% | 41% | 55% (18 to 76) | 5 (3 to 17) |
| | | | RRI (CI) | NNH (CI) |
| Severe or life-threatening adverse events at 12 mo | 50% | 48% | 4.7% (-26 to 48) | Not significant |

†ESRD = end-stage renal disease; other abbreviations defined in Glossary. RBI, RBR, RRR, RRI, NNT, NNH, and CI calculated from data in article.

COMMENTARY

As our understanding of the pathogenesis of small-vessel vasculitis (SVV) expands, evidence of a contributory role for antineutrophil cytoplasmic autoantibodies (ANCA) increases, and a study of therapy directed at elimination of these autoantibodies is timely. Current practice (prompt treatment with glucocorticoids and cyclophosphamide) is supported by several observational studies. Observational data also suggest that induction therapy with pulse steroids is more efficacious than oral steroids alone in reversing inflammation in rapidly progressive glomerulonephritis (1). The addition of plasma exchange to immunosuppressive therapy has been studied in several randomized controlled trials: Renal recovery was increased in dialysis-dependent patients but not in those with less-severe renal disease (2). Furthermore, observational data suggest that mortality due to pulmonary hemorrhage, a strong risk factor for death, can be greatly diminished with the addition of plasmapheresis (3).

The study by Jayne and colleagues showed that plasma exchange was superior to IV methylprednisolone as part of induction for patients with ANCA-SVV and severe renal dysfunction. Speedy removal of presumed pathogenic antibody burden appears to facilitate amelioration of

the disease. The report by Jayne and colleagues suggests that when people with ANCA-SVV glomerulonephritis and creatinine > 500 μmol/L are being treated with methylprednisolone, adding plasma exchange to inductive treatment should be considered. However, it should be considered only in patients with advanced severe disease because benefits are unlikely in those with less-severe disease. No evidence to date can support combined treatment with both plasma exchange and IV steroids, even in patients with severe disease.

Sofia Lionaki, MD

Ronald J Falk, MD

*University of North Carolina
Chapel Hill, North Carolina, USA*

References

1. Bolton WK, Sturgill BC. Am J Nephrol. 1989;9:368-75.
2. Pusey CD, Rees AJ, Evans DJ, Peters DK, Lockwood CM. Kidney Int. 1991;40:757-63.
3. Klemmer PJ, Chalermkulrat W, Reif MS, et al. Am J Kidney Dis. 2003; 42:1149-53.

Evidence based textbook or summary

- E.g.: UpToDate, DynaMed Plus, Best Practice etc.

Search UpToDate



DynaMed Plus[®]:
the **next-generation** clinical
information resource designed to
decrease time to answer

Search *DynaMed Plus* Topics


Search DynaMed Plus

Search

National Health Service Wales Now Has Access to the Latest Clinical Evidence with *DynaMed Plus*

NHS Wales Informatics Service has made EBSCO Health's *DynaMed Plus* available to all NHS Wales staff via the NHS Wales e-Library for Health. NHS Wales provides vital healthcare services to roughly three million individuals. We're looking forward to continuing our work together, providing staff members with the most accurate clinical information at the point of care.





Trusted decision support
available anywhere

[Find out more »](#)

Ranked one of the best clinical decision support tools for health professionals worldwide.*

**Subscribe to
BMJ Best
Practice**

BMJ Best Practice is a leading provider of clinical decision support tools for health professionals worldwide.

[Click here](#)

Critically-appraised guideline


- National Guideline Clearinghouse --- closed on July 16, 2018
- National Institute for Health and Care Excellence (NICE)


- Home
- Guidelines
- Expert Commentaries
- Guideline Syntheses
- Guideline Resources
- Annotated Bibliographies
- Compare Guidelines
- FAQ
- Submit Guidelines
- About

NGC is a public resource for evidence-based clinical practice guidelines.

Search the site:
[Search Tips](#) [Advanced Search](#) [About Search](#)

 **Find**
Browse guideline summaries by **Topic** or **Organization**, or view the complete **Index** of all current guideline summaries.

 **Learn**
Broaden your knowledge with **Guideline Resources**. Go to **Expert Commentaries** for editorial insights on current issues in the field of guidelines. Find out more about NGC and guideline summaries under **About**.

 **Compare**
Guideline Syntheses provide a comparative analysis of guidelines on similar topics. Or choose two or more guideline summaries to **Compare** side-by-side.

New This Week
August 15, 2011

New/Updated Guideline Summaries

- Am Coll Rheumatology, AHA, EGAPP, GINA, RCOG, WHO

[View All](#)

Announcements

U.S. Food and Drug Administration (FDA) Advisory

- August 3, 2011: Diflucan (fluconazole) 

Conference News

- The 2011 AHRQ Annual Conference "AHRQ: Leading



Guidelines and Measures

- About NGC and NQMC
- Guideline and Measure Summaries
- Updates



About NGC and NQMC

This AHRQ microsite, [Guidelines and Measures \(GAM\)](#), was set up by AHRQ to provide users a place to find information about its legacy guidelines and measures clearinghouses, National Guideline Clearinghouse (NGC) and National Quality Measures Clearinghouse (NQMC). This information was previously available on [guideline.gov](#) and [qualitymeasures.ahrq.gov](#), respectively. Both sites were taken down on July 16, 2018 because federal funding though AHRQ was no longer available to support them.

National Guideline Clearinghouse (NGC)

NGC was an initiative of AHRQ, U.S. Department of Health and Human Services. NGC was originally created in 1997 by AHRQ in partnership with the American Medical Association and the American Association of Health Plans (now America's Health Insurance Plans [AHIP]). In January 1999, the database-driven Web site was made available to the public and it was maintained and improved by AHRQ for nearly twenty years.

The NGC mission was to provide physicians and other health care professionals, health care providers, health plans, integrated delivery systems, purchasers and others an accessible mechanism for obtaining objective, detailed information on clinical practice guidelines and to further their dissemination, implementation, and use.

National Quality Measures Clearinghouse (NQMC)

NQMC was an initiative of AHRQ, U.S. Department of Health and Human Services. In January

Home

Find guidance

Choose a category to find guidance in your area:

- Conditions and diseases
- Health protection
- Lifestyle and wellbeing
- Population groups
- Service delivery, organisation and staffing
- Settings

NICE guidance

- [By month](#)
- [In development](#)
- [Consultations](#)
- [About NICE guidance](#)

Lists of NICE guidance, including published guidance, in development and consultations

- All NICE guidelines
- Quality standards
- Clinical guidelines
- Technology appraisal guidance
- Public health guidelines
- Interventional procedures guidance

Metasearch engines

- SUMsearch 2
- TRIP Database

Search Pubmed for studies, systematic reviews and guidelines:

Connect search terms with 'AND'.

Focus: Intervention Diagnosis None
 Age: Adult Pediatrics Either
 Human only: English only: Require abstracts:
 Max # iterations: 5 6 [Explain](#)
 Target # of original studies: 20 50 [Explain](#)

MeSH - - Please click once.

News:

- 7/22/2018: National Guidelines Clearinghouse [no long available](#).
- [Comparison of SUMSearch, Scholar, PubMed published](#)

[About SUMSearch 2](#)

Other resources:

- [Citation maker](#)
- [Clinical epi calculator](#) (with Bayesian statistics)
- [Health care policy search](#)
- [Internet browser bookmarklets](#)
- [Internet browser search plugins](#)
- [openRules](#) (open source, collaborative prediction rules)
(currently has New Pooled Cohort ASCVD Risk Equations and Mayo rule for

Keep up:

ACP Journal Club:

- [Guideline: USPSTF recommends exercise a prevention in older adults](#) (posted: 8/20/2018)
- [Guideline: Insufficient evidence for vitamin community-dwelling adults](#) (posted: 8/20/2018)
- [In symptomatic COPD, once-daily triple vs exacerbations at 1 year](#) (posted: 8/20/2018)
- [Review: Immunotherapy improves some sy use in mild to moderate asthma](#) (posted: 8/20/2018)
- [Early vs deferred endovenous ablation redu ulcers with varicose veins](#) (posted: 8/20/2018)
- [5-day nitrofurantoin increased clinical resol 1-dose fosfomycin](#) (posted: 8/20/2018)
- [Tenecteplase before thrombectomy for isch compared with alteplase](#) (posted: 8/20/2018)
- [NT-proBNP-guided and conventional thera mortality in acute decompensated HF](#) (poste
- [In gluteal tendinopathy, education + exercis injection or wait strategy](#) (posted: 8/20/2018)
- [Review: Flexible vs restrictive ICU visiting, severity in patients](#) (posted: 8/20/2018)
- [Correction to ACP Journal Club: Guideline recommendations for early management of](#) (8/20/2018)

Original studies**Systematic reviews****Guidelines**

82 possible original studies PubMed found after 5 searches. The first 50 citations are:

1. Thyroid Nodules in Pediatric Patients: Sonographic Characteristics and Likelihood of Cancer.

Radiology 2018;288:2. PMID: [29714678](#) , doi: [10.1148/radiol.2018171170](#). [Cite](#)

Conclusion: Interobserver variability for assessment of sonographic characteristics ranged from moderate to very strong. Conclusion In children with thyroid nodules, solitary nodules, larger nodule size, solid parenchyma, taller-than-wide shape, speckled calcifications, irregular margins, and abnormal lymph nodes raise concern for malignancy.

2. Reduction in Thyroid Nodule Biopsies and Improved Accuracy with American College of Radiology Thyroid Imaging Reporting and Data System.

Radiology 2018;287:1. PMID: [29498593](#) , doi: [10.1148/radiol.2018172572](#). [Cite](#)

Conclusion: Conclusion ACR TI-RADS criteria offer a meaningful reduction in the number of thyroid nodules recommended for biopsy and significantly improve the accuracy of recommendations for nodule management. © RSNA, 2018 Online supplemental material is available for this article.

[Show evidence search details](#) (access to earlier iterations If results displayed are too restrictive)

You found 50 or more articles. [Consider performing your search at Trip Database](#). Trip curates the articles it indexes so you may get a smaller number of more helpful documents.

Sunday, 02 Dec 2018 10:48:20 at SUMSearch

[Original studies](#)

Systematic reviews

[Guidelines](#)

249 possible systematic reviews found at PubMed. Will restrict search terms to title words and MeSH major terms.

173 possible systematic reviews found from PubMed ([View at PubMed](#))

[Click here](#) to modify your search at PubMed.

1. **[A comparison of fine needle nonaspiration cytology versus fine needle aspiration for thyroid nodules: a Meta-analysis]**. Lin Chung Er Bi Yan Hou Tou Jing Wai Ke Za Zhi. 2018 PMID: [29921061](#) ([DARE summary](#) if available); [Cite](#)
2. **Complications following ultrasound-guided core needle biopsy of thyroid nodules: a systematic review and meta-analysis**. Eur Radiol. 2018 PMID: [29589112](#) ([DARE summary](#) if available); [Cite](#)
3. **The Preciseness in Diagnosing Thyroid Malignant Nodules Using Shear-Wave Elastography**. Med Sci Monit. 2018 PMID: [29391387](#) ([DARE summary](#) if available); [Cite](#)
4. **Use of the Kwak Thyroid Image Reporting and Data System (K-TIRADS) in differential diagnosis of thyroid nodules: systematic review and meta-analysis**. Eur Radiol. 2018 PMID: [29294156](#) ([DARE summary](#) if available); [Cite](#)

The systematic reviews are from [PubMed](#) using the [systematic reviews subset strategy](#).

Sunday, 02 Dec 2018 10:48:20
at SUMSearch

[Original studies](#)[Systematic reviews](#)

Guidelines

32 possible guidelines found from PubMed ([View at PubMed](#))

1. **[Study and management of thyroid nodes by non specialist physicians: SOCHED consensus]**. Rev Med Chil. 2017 PMID: [29189861](#); [Cite](#)
2. **American Thyroid Association Guidelines on the Management of Thyroid Nodules and Differentiated Thyroid Cancer Task Force Review and Recommendation on the Proposed Renaming of Encapsulated Follicular Variant Papillary Thyroid Carcinoma Without Invasion to Noninvasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features**. Thyroid. 2017 PMID: [28114862](#); [Cite](#)
3. **Core Needle Biopsy of the Thyroid: 2016 Consensus Statement and Recommendations from Korean Society of Thyroid Radiology**. Korean J Radiol. Korean Society of Thyroid Radiology (KSThR) and Korean Society of Radiology. 2017 PMID: [28096731](#); [Cite](#)
4. **Management of thyroid cancer: United Kingdom National Multidisciplinary Guidelines**. J Laryngol Otol. 2016 PMID: [27841128](#); [Cite](#)
5. **AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS, AMERICAN COLLEGE OF ENDOCRINOLOGY, AND ASSOCIAZIONE MEDICI ENDOCRINOLOGI MEDICAL GUIDELINES FOR CLINICAL PRACTICE FOR THE DIAGNOSIS AND MANAGEMENT OF THYROID**

The guidelines are from [PubMed](#) using the [practice guideline publication type](#).

Sunday, 02 Dec 2018 10:48:20
at SUMSearch

2,585 results for **thyroid nodule** by quality

Latest & greatest Alerts Export

- 1. Ultrasound-guided percutaneous radiofrequency ablation for benign thyroid nodules**
 National Institute for Health and Clinical Excellence - Interventional Procedures 2016
 Regulatory Guidance
- 2. Thyroid nodule**
 DynaMed Plus 2017
 Systematic Reviews
- 3. Utility of high b-value (2000 sec/mm2) DWI with RESOLVE in differentiating papillary thyroid carcinomas and papillary thyroid microcarcinomas from benign thyroid nodules.**
 PLoS ONE 2018
 Primary Research
- 4. Can malignant thyroid nodules be distinguished from benign thyroid nodules in children and adolescents by clinical characteristics? A review of 89 pediatric patients with thyroid nodules.**
 Thyroid 2015
 Primary Research
- 5. Is Less More? A Microsimulation Model Comparing Cost-effectiveness of the Revised American Thyroid Association's 2015 to 2009 Guidelines for the Management of Patients With Thyroid Nodules and Differentiated Thyroid Cancer.**
 Annals of Surgery 2018
 Primary Research

Evidence type Clinical Area

Become a PRO

If you had Trip Pro you'd have access to 141 further Systematic Reviews, links to 472 free full-text articles and 245 clinical trials — all without adverts.

[Get Trip Pro now >](#)

| | |
|-------------------------|---------|
| All Secondary Evidence | |
| Systematic Reviews | 36 +141 |
| Evidence-based Synopses | 16 |
| Guidelines | |
| Aus & NZ | 0 |
| Canada | 1 |
| UK | 16 |
| USA | 13 |
| Other | 2 |
| Regulatory Guidance | 1 |
| Key Primary Research | 24 |

Trip users also search for

| | | |
|---------------------------------|---------------------------------------------------------|---------------------------------------|
| thyroid nodules | thyroid nodule ultrasound | thyroid nodule calcitonin |
| thyroid nodule levothyroxine | thyroid nodule diagnosis | thyroid nodule elastography malignant |
| thyroid nodule serum calcitonin | thyroid nodule ultrasonography biopsy, needle neoplasms | thyroid nodule ultrasound accuracy |

| | |
|------------------------------|-------|
| Clinical Q&A | 8 |
| Controlled Trials | 100 |
| Primary Research | 1,789 |
| Ongoing systematic reviews | 20 |
| Ongoing clinical trials | 245 |
| Open | 115 |
| Closed | 130 |
| Unknown | 0 |
| Patient decision aids | 0 |
| Patient information leaflets | 19 |

文獻搜尋的方法與技巧



Searching

- Formulate a focused question
- Turn a focused question into a search strategy
- Look for keyword (關鍵詞)

- In a healthy adult with upper respiratory tract infection, does oral vitamin C reduce the duration or severity of the disease ?

Look for “keyword”
關鍵字

e.g.:

- **P**: Healthy adult with upper respiratory tract infection
- **I**: oral vitamin C
- **C**: placebo
- **O**: reduce duration or severity of disease

e.g.:

- **P**: Healthy adult with upper respiratory tract infection
- **I**: oral vitamin C
- **C**: placebo
- **O**: reduce duration or severity of disease

Number the order of importance from 1 to 4

e.g.:

- **P**: Healthy adult with upper respiratory tract infection ---- 2
- **I**: oral vitamin C ---- 1
- **C**: placebo ---- 4
- **O**: reduce duration or severity of disease ---- 3

Number the order of importance from 1 to 4

Look for “synonym”
同義字

- upper respiratory tract infection --- common cold
- vitamin C --- ascorbic acid
- bleeding --- hemorrhage
- bloody stool --- hematochezia --- lower gastrointestinal bleeding
- estrogen --- hormone replacement therapy

如何找到英文的關鍵字或同義字？

- Google 或Google Scholar之查詢結果
- 翻譯軟體或線上翻譯功能
- 中文資料中之英文摘要
- Medline 和 Cochrane library 中的 MeSH
- 維基百科

Use Boolean operators*

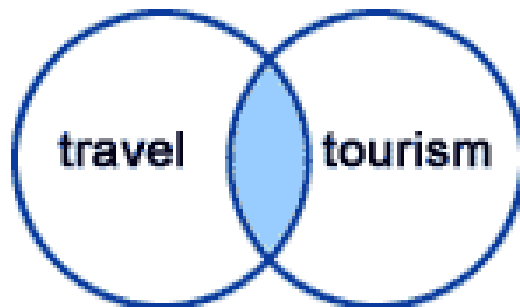
(布林邏輯)

- AND = both terms
- OR = either term
- NOT = not this term

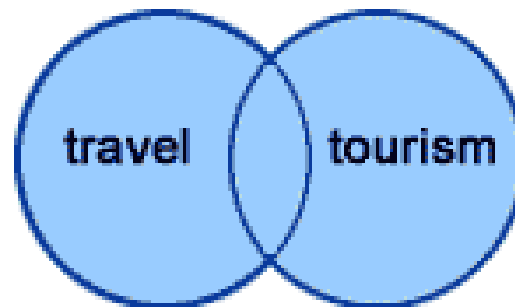
* George Boole (a man) is claimed to have invented “logic”

Use Boolean operators*

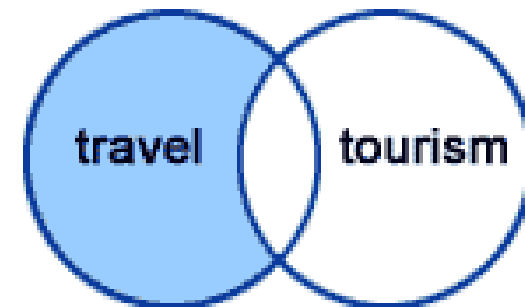
(布林邏輯)



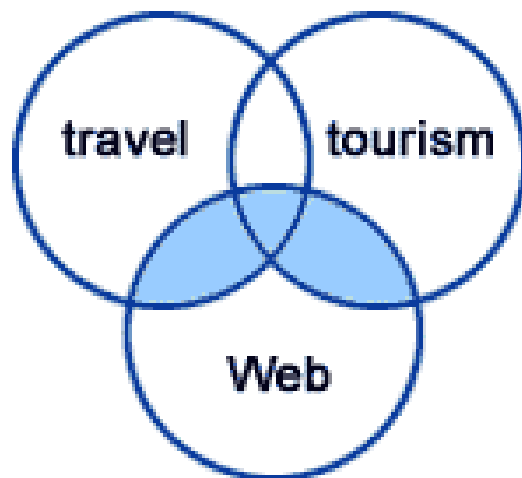
travel **AND** *tourism*



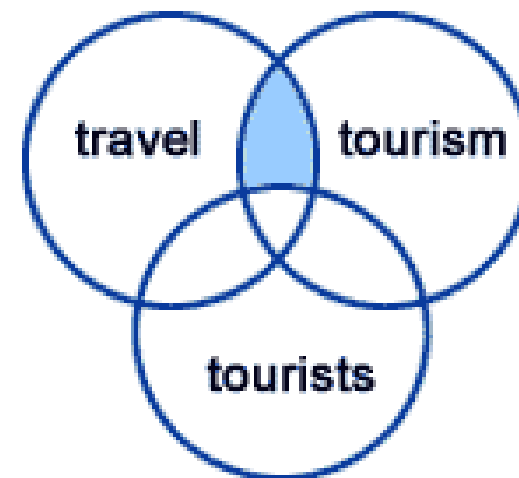
travel **OR** *tourism*



travel **NOT** *tourism*



(travel **OR** *tourism)* **AND** *Web*



(travel **AND** *tourism)* **NOT** *tourists*

Use truncation -- * (asterisk) or \$ (dollar sign)

- child* ---- child, children, childhood
- hemoly\$ ---- hemolysis, hemolytic
- diabet* ---- diabetes, diabetic
- osteopen\$ ---- osteopenia, osteopenic
- complicat* ---- complicate, complicated, complication, complications.

- 不是每個資料庫可用，Ovid Medline “*” 和 “\$” 兩者皆可用，其他資料庫大多只認得 “*”。
- Cochrane library會自己搜尋 word variations，不必用 “*”。



PubMed

PubMed comprises more than 23 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.

PubMed Comm
PubMed's new comment

More

Using PubMed

[PubMed Quick Start Guide](#)

[Full Text Articles](#)

[PubMed FAQs](#)

[PubMed Tutorials](#)

[New and Noteworthy](#) 

PubMed Tools

[PubMed Mobile](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[Topic-Specific Queries](#)

More Resources

[MeSH Database](#)

[Journals in NCBI Databases](#)

[Clinical Trials](#)

[E-Utilities](#)

[LinkOut](#)

PubMed Advanced Search Builder

(vitamin c[Title]) AND upper respiratory tract infection

[Edit](#)

Builder

| | | | | |
|-------|------------------------|-----------------------------------|---|----------------------|
| | Title ▾ | vitamin c | ⊖ | Show |
| AND ▾ | All Fields ▾ | upper respiratory tract infection | ⊖ | Show |
| AND ▾ | Investigator - Full | | ⊖ | Show |
| | Issue | | | |
| | Journal | | | |
| | Language | | | |
| | Location ID | | | |
| | MeSH Major Topic | | | |
| | MeSH Subheading | | | |
| | MeSH Terms | | | |
| | Other Term | | | |
| | Pagination | | | |
| | Pharmacological Action | | | |
| | Publication Type | | | |
| | Publisher | | | |
| | Secondary Source ID | | | |
| | Supplementary Concept | | | |
| | Text Word | | | |
| | Title | | | |
| | Title/Abstract | | | |
| | Transliterated Title | | | |
| | Volume | | | |

[Search](#)

History

There is no history

You are here: NCBI > Literature

RECENTLY VIEWED

31 Education

RECOMMENDED

Chemicals & Bioassays

POPULAR

PubMed

FEATURED

Genetic Testing Registry

Article types

- Clinical Trial
- Review
- Customize ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

[Clear all](#)

[Show additional filters](#)

Format: Summary Sort by: Most Recent Per page: 10

Send to Filters: [Manage Filters](#)

Search results

Items: 6

- [Efficacy of vitamin C for the prevention and treatment of upper respiratory tract infection. A meta-analysis in children.](#)
Vorilhon P, Arpajou B, Vaillant Roussel H, Merlin É, Pereira B, Cabailot A. Eur J Clin Pharmacol. 2018 Nov 21. doi: 10.1007/s00228-018-2601-7. [Epub ahead of print] Review. PMID: 30465062 [Similar articles](#)
- [Intake of vitamin C, vitamin E, selenium, zinc and polyunsaturated fatty acids and upper respiratory tract infection-a prospective cohort study.](#)
Raposo SE, Fondell E, Ström P, Bälter O, Bonn SE, Nyrén O, Plymoth A, Bälter K. Eur J Clin Nutr. 2017 Apr;71(4):450-457. doi: 10.1038/ejcn.2016.261. Epub 2017 Jan 11. PMID: 28074891 [Similar articles](#)
- [\[Analysis of actual effects of combining xiyanning injection with vitamin C injection in treatment of upper respiratory tract infection\].](#)
Wang ZF, Huo J, Xie YM. Zhongguo Zhong Yao Za Zhi. 2013 Sep;38(18):3161-5. Chinese.

Sort by:

Best match

Most recent

Find related data

Database:

Find items

Search details

vitamin c[Title] AND upper respiratory tract infection[Title]

Search

See more

Recent Activity

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

(vitamin c[Title]) AND upper

PubMed Advanced Search Builder

(vitamin c[Title]) AND common cold[Title]

[Edit](#)

Builder

| | | | |
|-----|------------|-------------|-----|
| | Title | vitamin c | - |
| AND | Title | common cold | - |
| AND | All Fields | | - + |

[Search](#) or [Add to history](#)

History

[Down](#)

| Search | Add to builder | Query |
|--------------------|---------------------|------------------------------------------------------------------------|
| #1 | Add | Search (vitamin c[Title]) AND upper respiratory tract infection[Title] |

PubMed (vitamin c[Title] AND common cold[Title] Search

Create RSS Create alert Advanced

Article types
Clinical Trial
Review
Customize



Text availability
Abstract
Free full text
Full text

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

Clear all
Show additional filters

Format: Summary Sort by: Most Recent Per page: 20

Send to Filters: Manage Filters

Search results

Items: 1 to 20 of 91

<< First < Prev Page 1 of 5 Next > Last >>

Sort by:
Best match Most recent

- [What are the effects of vitamin C on the duration and severity of the common cold?](#)
 1. Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
 Medwave. 2018 Oct 3;18(6):e7261. doi: 10.5867/medwave.2018.06.7260. Spanish, English.
 PMID: 30339136
[Similar articles](#)
- [Does vitamin C prevent the common cold?](#)
 2. Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
 Medwave. 2018 Aug 6;18(4):e7235. doi: 10.5867/medwave.2018.04.7236. Spanish, English.
 PMID: 30113569
[Similar articles](#)
- [Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.](#)
 3. Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H.
 Biomed Res Int. 2018 Jul 5;2018:1837634. doi: 10.1155/2018/1837634. eCollection 2018.
 Review.
 PMID: 30069463 **Free PMC Article**
[Similar articles](#)

Find related data

Database: Select

Find items

Search details

vitamin c[Title] AND common cold[Title]

Search

See more

Recent Activity

Turn Off

(vitamin c[Title] AND common

Article types clear

- Clinical Trial
- Randomized Controlled Trial
- Review

✓ Systematic Reviews

Customize ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

Clear all

Show additional filters

Format: Summary Sort by: Most Recent Per page: 20

Send to Filters:

Search results

Items: 12

Filters activated: Systematic Reviews. Clear all to show 91 items.

1. [What are the effects of vitamin C on the duration and severity of the common cold?](#)

Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
 Medwave. 2018 Oct 3;18(6):e7261. doi: 10.5867/medwave.2018.06.7260. Spanish, English.
 PMID: 30339136
[Similar articles](#)

2. [Does vitamin C prevent the common cold?](#)

Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
 Medwave. 2018 Aug 6;18(4):e7235. doi: 10.5867/medwave.2018.04.7236. Spanish, English.
 PMID: 30113569
[Similar articles](#)

3. [Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.](#)

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H.
 Diarmed Res Lett. 2019 Jul 5;2019:1927924. doi: 10.4155/2019/1927924. eCollection 2019

Sort by:

Best

Titles v

Thomas
commo

Vitamin
Treatme

Re: "Zin
the com

Find re

Databas

Find

PubMed (vitamin c[Title] AND common cold[Title])

Create RSS Create alert Advanced

Article types clear

Clinical Trial

✓ Randomized Controlled Trial

Review

Systematic Reviews

Customize ...

Text availability

Abstract

Free full text

Full text

Publication dates

5 years

10 years

Custom range...

Species

Humans

Other Animals

Clear all

Show additional filters

Format: Summary Sort by: Most Recent Per page: 20

Send to Filters:

Search results

Items: 8

Filters activated: Randomized Controlled Trial. Clear all to show 91 items.

- [Effect of vitamin C on common cold: randomized controlled trial.](#)
1. Sasazuki S, Sasaki S, Tsubono Y, Okubo S, Hayashi M, Tsugane S.
Eur J Clin Nutr. 2006 Jan;60(1):9-17.
PMID: 16118650
[Similar articles](#)
- [Preventing the common cold with a vitamin C supplement: a double-blind, placebo-controlled survey.](#)
2. Van Straten M, Josling P.
Adv Ther. 2002 May-Jun;19(3):151-9.
PMID: 12201356
[Similar articles](#)
- [Mega-dose vitamin C in treatment of the common cold: a randomised controlled trial.](#)
3. Audera C, Patulny RV, Sander BH, Douglas RM.
Med J Aust. 2001 Oct 1;175(7):359-62.

Sort by:

Best

Titles w

What are the durati

Does vita cold?

Extra Do Daily Sup

Find rela Database

Find it

Search

PubMed (vitamin c[Title]) AND common cold[Title]

Create RSS Create alert **Advanced**

Article types clear

Clinical Trial
Randomized Controlled Trial

Review
Systematic Reviews
Customize ...

Text availability

Abstract
Free full text
Full text

Publication dates

5 years
10 years
Custom range...

Species

Humans
Other Animals

[Clear all](#)

[Show additional filters](#)

Format: Summary Sort by: Most Recent Per page

Send to Filters:

Search results

Items: 8

Filters activated: Randomized Controlled Trial. [Clear all](#) to show 91 items.

- [Effect of vitamin C on common cold: randomized controlled trial.](#)
1. Sasazuki S, Sasaki S, Tsubono Y, Okubo S, Hayashi M, Tsugane S.
Eur J Clin Nutr. 2006 Jan;60(1):9-17.
PMID: 16118650
[Similar articles](#)
- [Preventing the common cold with a vitamin C supplement: a double-blind, placebo-controlled survey.](#)
2. Van Straten M, Josling P.
Adv Ther. 2002 May-Jun;19(3):151-9.
PMID: 12201356
[Similar articles](#)
- [Mega-dose vitamin C in treatment of the common cold: a randomised controlled trial.](#)
3. Audera C, Patulny RV, Sander BH, Douglas RM.
Med J Aust. 2001 Oct 1;175(7):359-62.

Sort by:

[Best](#)

Titles w

What are the durati

Does vita cold?

Extra Do Daily Sup

Find rela

Database

Find it

Search

zinc[Title]

[Edit](#)

[Clear](#)

Builder

Title ▼ zinc

AND ▼ All Fields ▼

– [Show index list](#)

– + [Show index list](#)

[Search](#) or [Add to history](#)

History

[Download history](#) [Clear history](#)

| Search | Add to builder | Query | Items found | Time |
|--------------------|---------------------|----------------------------------------------------------------------------------------------|--------------------|----------|
| #4 | Add | Search (vitamin c[Title]) AND common cold[Title] Filters: Randomized Controlled Trial | 8 | 02:30:00 |
| #2 | Add | Search (vitamin c[Title]) AND common cold[Title] | 91 | 02:29:50 |
| #3 | Add | Search (vitamin c[Title]) AND common cold[Title] Filters: Systematic Reviews | 12 | 02:29:38 |
| #1 | Add | Search (vitamin c[Title]) AND upper respiratory tract infection[Title] | 6 | 02:28:56 |



Article types

- Clinical Trial
- Randomized Controlled Trial
- Review
- Systematic Reviews
- Customize ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

[Clear all](#)

[Show additional filters](#)

Format: Summary Sort by: Most Recent Page: 20

Send to Filters: Me

Search results

Items: 1 to 20 of 44041

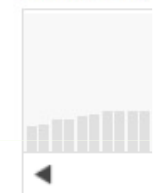
<< First < Prev Page 1 of 2203 Next > Last >>

Sort by:

Best

- [Mechanisms for Zinc and Proton Inhibition of the GluN1/GluN2A NMDA Receptor.](#)
1. Jalali-Yazdi F, Chowdhury S, Yoshioka C, Gouaux E.
Cell. 2018 Nov 29;175(6):1520-1532.e15. doi: 10.1016/j.cell.2018.10.043.
PMID: 30500536
- [Type II heterojunction in hierarchically porous zinc oxide/graphitic carbon nitride microspheres promoting photocatalytic activity.](#)
2. Wu S, Zhao HJ, Li CF, Liu J, Dong W, Zhao H, Wang C, Liu Y, Hu ZY, Chen L, Li Y, Su BL.
J Colloid Interface Sci. 2018 Nov 20;538:99-107. doi: 10.1016/j.jcis.2018.11.076. [Epub ahead of print]
PMID: 30500471
- [In Situ Generation of Zinc Oxide Nanobushes on Microneedles as Antibacterial Coating.](#)
3. Chew SWT, Zeng Y, Cui M, Chang H, Zheng M, Wei S, Zhao W, Xu C.
SLAS Technol. 2018 Nov 30;2472630318812350. doi: 10.1177/2472630318812350. [Epub ahead of print]
PMID: 30500311
- [Broadband blue emission from ZnO amorphous nanodomains in zinc phosphate oxynitride glass.](#)
4. Cai M, Mao W, Calvez L, Rocherulle J, Ma H, Lebullenger R, Zhang X, Xu S, Zhang J.
Opt Lett. 2018 Dec 1;43(23):5845-5848. doi: 10.1364/OL.43.005845.
PMID: 30499957

Results b



Find relat

Database:

Find iter

Search de

zinc[Tit:

Use the builder below to create your search

[Edit](#)

[Clear](#)

Builder

All Fields ▾



[Show index list](#)

AND ▾

All Fields ▾



[Show index list](#)

[Search](#) or [Add to history](#)

History

[Download history](#) [Clear history](#)

| Search | Add to builder | Query | Items found | Time |
|--------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------|----------|
| # |  Add | Search zinc[Title] | 44041 | 02:35:53 |
| #4 | Add | Search (vitamin c[Title]) AND common cold[Title] Filters: Randomized Controlled Trial | 8 | 02:30:00 |
| #2 | Add | Search (vitamin c[Title]) AND common cold[Title] | 91 | 02:29:50 |
| #3 | Add | Search (vitamin c[Title]) AND common cold[Title] Filters: Systematic Reviews | 12 | 02:29:38 |
| #1 | Add | Search (vitamin c[Title]) AND upper respiratory tract infection[Title] | 6 | 02:28:56 |

BI > Literature > PubMed

RTED

RESOURCES

Chemicals & Bioscience

POPULAR

PubMed

FEATURED

Genetic Testing Registry

NCBI INFORMATION

About NCBI

zinc[Title]

[Edit](#)

[Clear](#)

Builder

All Fields ▾

zinc[Title]



[Show index list](#)

AND ▾

All Fields ▾



[Show index list](#)

[Search](#) or [Add to history](#)

History

[Download history](#) [Clear history](#)

| Search | Add to builder | Query | Items found | Time |
|--------------------|---------------------|-----------------------------------------------------------------------------------------------------|-----------------------|----------|
| #5 | Add | Search zinc[Title] | 44041 | 02:35:53 |
| #4 | Add | Search (vitamin c[Title]) AND common cold[Title] Filters: Randomized Controlled Trial | 8 | 02:30:00 |
| #3 | Add | Search (vitamin c[Title]) AND common cold[Title] | 91 | 02:29:50 |
| #3 | Add | Search (vitamin c[Title]) AND common cold[Title] Filters: Systematic Reviews | 12 | 02:29:38 |
| #1 | Add | Search (vitamin c[Title]) AND upper respiratory tract infection[Title] | 6 | 02:28:56 |

(zinc[Title]) AND ((vitamin c[Title]) AND common cold[Title])

[Edit](#)

[Clear](#)

Builder

All Fields ▼ zinc[Title] - [Show index list](#)

AND ▼ All Fields ▼ (vitamin c[Title]) AND common cold[Title] - [Show index list](#)

AND ▼ All Fields ▼ - [Show index list](#)

[Search](#) or [Add to history](#)



History

[Download history](#) [Clear history](#)

| Search | Add to builder | Query | Items found | Time |
|--------------------|---------------------|-----------------------------------------------------------------------------------------------------|-----------------------|----------|
| #5 | Add | Search zinc[Title] | 44041 | 02:35:53 |
| #4 | Add | Search (vitamin c[Title]) AND common cold[Title] Filters: Randomized Controlled Trial | 8 | 02:30:00 |
| #2 | Add | Search (vitamin c[Title]) AND common cold[Title] | 91 | 02:29:50 |
| #3 | Add | Search (vitamin c[Title]) AND common cold[Title] Filters: Systematic Reviews | 12 | 02:29:38 |
| #1 | Add | Search (vitamin c[Title]) AND upper respiratory tract infection[Title] | 6 | 02:28:56 |

- Articles
- Clinical Trial
- Randomized Controlled Trial
- Review
- Systematic Reviews
- Customize ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

[Clear all](#)

[Show additional filters](#)

Format: Summary ▾ Sort by: Most Recent ▾ Per page: 20 ▾

Send to ▾ Filters: [Manag](#)

Search results

Items: 7

- [Re: "Zinc lozenges and vitamin C for the common cold are not examples of placebo effect in action".](#)

Bello S, Hróbjartsson A.

J Clin Epidemiol. 2015 Sep;68(9):1093. doi: 10.1016/j.jclinepi.2015.05.011. Epub 2015 May 14. No abstract available.

PMID: 26279402

[Similar articles](#)

- [Zinc lozenges and vitamin C for the common cold are not examples of placebo effect in action.](#)

Hemilä H.

J Clin Epidemiol. 2015 Dec;68(12):1524-5. doi: 10.1016/j.jclinepi.2015.05.012. Epub 2015 May 14. No abstract available.

PMID: 26071891

[Similar articles](#)

- [A combination of high-dose vitamin C plus zinc for the common cold.](#)

Maggini S, Beveridge S, Suter M.

J Int Med Res. 2012;40(1):28-42. Review.

PMID: 22429343

[Similar articles](#)

Sort by:

[Best mat](#)

Find related c

Database: [Sel](#)

[Find items](#)

Search detail

zinc[Title]
common cold[

[Search](#)

Recent Activi

🔍 (zinc[Title]
common c

PubMed Clinical Queries

NCBI Resources How To

PubMed.gov

US National Library of Medicine
National Institutes of Health

PubMed

Advanced

PubMed

PubMed comprises more than 23 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.

PubMed Commons

PubMed's new commenting system

More


Using PubMed

[PubMed Quick Start Guide](#)

[Full Text Articles](#)

[PubMed FAQs](#)

[PubMed Tutorials](#)

[New and Noteworthy](#) 

PubMed Tools

[PubMed Mobile](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[Topic-Specific Queries](#)

More Resources

[MeSH Database](#)

[Journals in NCBI Databases](#)

[Clinical Trials](#)

[E-Utilities](#)

[LinkOut](#)

PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

Clinical Study Categories

This column displays citations filtered to a specific clinical study category and scope. These search filters were developed by [Haynes RB et al.](#) See more [filter information](#).

Systematic Reviews

This column displays citations for systematic reviews, meta-analyses, reviews of clinical trials, evidence-based medicine, consensus development conferences, and guidelines. See [filter information](#) or additional [related sources](#).

Medical Genetics

This column displays citations genetics. See more [filter inform](#)

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

GETTING STARTED

- [NCBI Education](#)
- [NCBI Help Manual](#)
- [NCBI Handbook](#)
- [Training & Tutorials](#)

RESOURCES

- [Chemicals & Bioassays](#)
- [Data & Software](#)
- [DNA & RNA](#)
- [Domains & Structures](#)
- [Genes & Expression](#)
- [Genetics & Medicine](#)
- [Genomes & Maps](#)
- [Homology](#)
- [Literature](#)
- [Proteins](#)
- [Sequence Analysis](#)
- [Taxonomy](#)

POPULAR

- [PubMed](#)
- [Bookshelf](#)
- [PubMed Central](#)
- [PubMed Health](#)
- [BLAST](#)
- [Nucleotide](#)
- [Genome](#)
- [SNP](#)
- [Gene](#)
- [Protein](#)
- [PubChem](#)

FEATURED

- [Genetic Testing Registry](#)
- [PubMed Health](#)
- [GenBank](#)
- [Reference Sequences](#)
- [Gene Expression Omnibus](#)
- [Map Viewer](#)
- [Human Genome](#)
- [Mouse Genome](#)
- [Influenza Virus](#)
- [Primer-BLAST](#)
- [Sequence Read Archive](#)

PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

vitamin c AND common cold

Search

Clinical Study Categories

Category: Therapy

Scope: Broad

Systematic Reviews

Medical Genetics

Topic: All

Results: 5 of 271

What are the effects of vitamin C on the duration and severity of the common cold?

Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Oct 3; 18(6):e7261. Epub 2018 Oct 3.

Does vitamin C prevent the common cold?

Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Aug 6; 18(4):e7235. Epub 2018 Aug 6.

Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H.
Biomed Res Int. 2018; 2018:1837634. Epub 2018 Jul 5.

Randomised controlled trial of rhinotherapy for treatment of the common cold: a feasibility study.

Hei SV, McKinstry S, Bardsley G, Weatherall M, Beasley R, Fingleton J.
BMJ Open. 2018 Mar 27; 8(3):e019350. Epub 2018 Mar 27.

Safer and healthier reduced nitrites turkey meat sausages using lyophilized *Cystoseira barbata* seaweed extract.

Sellimi S, Benslima A, Ksouda G, Montero VB, Hajji M, Nasri M.
J Complement Integr Med. 2017 Oct 21; 15(1). Epub 2017 Oct 21.

[See all \(271\)](#)

Results: 5 of 22

The TRIP database showed most Acute Respiratory Infections questions were already addressed by Cochrane reviews.

Clark J, Carter M, Scott AM, Brassey J, Del Mar C.
J Clin Epidemiol. 2018 Nov 12; . Epub 2018 Nov 12.

What are the effects of vitamin C on the duration and severity of the common cold?

Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Oct 3; 18(6):e7261. Epub 2018 Oct 3.

Does vitamin C prevent the common cold?

Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Aug 6; 18(4):e7235. Epub 2018 Aug 6.

Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H.
Biomed Res Int. 2018; 2018:1837634. Epub 2018 Jul 5.

Vitamin C and common cold-induced asthma: a systematic review and statistical analysis.

Hemilä H.
Allergy Asthma Clin Immunol. 2013 Nov 26; 9(1):46. Epub 2013



[See all \(22\)](#)

Results: 0 of 0

This column displays citations pertaining to
See more [filter information](#).

Article types

- Clinical Trial
- Randomized Controlled Trial
- Review
- Systematic Reviews
- Customize ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

[Clear all](#)

[Show additional filters](#)

Format: Summary ▾ **Sort by:** Most Recent ▾ **Per page:** 20 ▾

Send to ▾ **Filters:** [Manage](#)

Search results

Items: 1 to 20 of 22

<< First < Prev Page of 2 [Next >](#) [Last >>](#)

Sort by:

[Best match](#)

- [The TRIP database showed most Acute Respiratory Infections questions were already addressed by Cochrane reviews.](#)
Clark J, Carter M, Scott AM, Brassey J, Del Mar C.
J Clin Epidemiol. 2018 Nov 12. pii: S0895-4356(18)30566-3. doi: 10.1016/j.jclinepi.2018.11.002. [Epub ahead of print]
PMID: 30439545
[Similar articles](#)
- [What are the effects of vitamin C on the duration and severity of the common cold?](#)
Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Oct 3;18(6):e7261. doi: 10.5867/medwave.2018.06.7260. Spanish, English.
PMID: 30339136
[Similar articles](#)
- [Does vitamin C prevent the common cold?](#)
Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Aug 6;18(4):e7235. doi: 10.5867/medwave.2018.04.7236. Spanish, English.
PMID: 30113569
[Similar articles](#)
- [Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A](#)

Find related items

Database:


[Find items](#)

Search details

systematic[
acid"[MeSH 1
[All Fields:
Fields]) OR
Fields] OR '

[Search](#)

Recent Activ

 systematic
common c

PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

vitamin c AND common cold

Clinical Study Categories

Category:

Scope:

Broad

Narrow

Results: 5 of 271

What are the effects of vitamin C on the duration and severity of the common cold?

Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Oct 3; 18(6):e7261. Epub 2018 Oct 3.

Does vitamin C prevent the common cold?

Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Aug 6; 18(4):e7235. Epub 2018 Aug 6.

Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H.
Biomed Res Int. 2018; 2018:1837634. Epub 2018 Jul 5.

Randomised controlled trial of rhinotherapy for treatment of the common cold: a feasibility study.

Hei SV, McKinstry S, Bardsley G, Weatherall M, Beasley R, Fingleton J.
BMJ Open. 2018 Mar 27; 8(3):e019350. Epub 2018 Mar 27.

Safer and healthier reduced nitrites turkey meat sausages

Systematic Reviews

Results: 5 of 22

The TRIP database showed most Acute Respiratory Infections questions were already addressed by Cochrane reviews.

Clark J, Carter M, Scott AM, Brassey J, Del Mar C.
J Clin Epidemiol. 2018 Nov 12; . Epub 2018 Nov 12.

What are the effects of vitamin C on the duration and severity of the common cold?

Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Oct 3; 18(6):e7261. Epub 2018 Oct 3.

Does vitamin C prevent the common cold?

Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Aug 6; 18(4):e7235. Epub 2018 Aug 6.

Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H.
Biomed Res Int. 2018; 2018:1837634. Epub 2018 Jul 5.

Medical Genetics

Topic:

Results: 0 of 0

This column displays clinical genetics. See more [filters](#)

PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

vitamin c AND common cold

Clinical Study Categories

Category:

Scope:

Results: 5 of 25

Randomised controlled trial of rhinothemy for treatment of the common cold: a feasibility study.

Hei SV, McKinstry S, Bardsley G, Weatherall M, Beasley R, Fingleton J. *BMJ Open*. 2018 Mar 27; 8(3):e019350. Epub 2018 Mar 27.

Vitamin C supplementation slightly improves physical activity levels and reduces cold incidence in men with marginal vitamin C status: a randomized controlled trial.

Johnston CS, Barkyoub GM, Schumacher SS. *Nutrients*. 2014 Jul 9; 6(7):2572-83. Epub 2014 Jul 9.

[Dietary efficacy of a micronutrient combination in patients with recurrent upper respiratory tract infections. Results of a placebo-controlled double-blind study].

Schmidt K, Zirkler S. *MMW Fortschr Med*. 2011 Oct 6; 153 Suppl 3:83-9.

[Dietary efficacy of a micronutrient combination in patients with recurrent upper respiratory tract infections. Results of a placebo-controlled doubleblind study.]

Schmidt K, Zirkler S.

Systematic Reviews

Results: 5 of 22

The TRIP database showed most Acute Respiratory Infections questions were already addressed by Cochrane reviews.

Clark J, Carter M, Scott AM, Brassey J, Del Mar C. *J Clin Epidemiol*. 2018 Nov 12; . Epub 2018 Nov 12.

What are the effects of vitamin C on the duration and severity of the common cold?

Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á. *Medwave*. 2018 Oct 3; 18(6):e7261. Epub 2018 Oct 3.

Does vitamin C prevent the common cold?

Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á. *Medwave*. 2018 Aug 6; 18(4):e7235. Epub 2018 Aug 6.

Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H. *Biomed Res Int*. 2018; 2018:1837634. Epub 2018 Jul 5.

Medical Genetics

Topic:

Results: 0 of 0

This column displays genetics. See more [fil](#)

PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

vitamin c AND common cold

Search

Clinical Study Categories

Category: Therapy ▼
Scope: Etiology
Diagnosis
Therapy
Prognosis
Clinical prediction guides

Results: 5

What are the effects of vitamin C on the duration and severity of the common cold?

Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Oct 3; 18(6):e7261. Epub 2018 Oct 3.

Does vitamin C prevent the common cold?

Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Aug 6; 18(4):e7235. Epub 2018 Aug 6.

Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H.
Biomed Res Int. 2018; 2018:1837634. Epub 2018 Jul 5.

Randomised controlled trial of rhinothemy for treatment of the common cold: a feasibility study.

Hei SV, McKinstry S, Bardsley G, Weatherall M, Beasley R, Fingleton J.
BMJ Open. 2018 Mar 27; 8(3):e019350. Epub 2018 Mar 27.

Safer and healthier reduced nitrites turkey meat sausages

Systematic Reviews

Results: 5 of 22

The TRIP database showed most Acute Respiratory Infections questions were already addressed by Cochrane reviews.

Clark J, Carter M, Scott AM, Brassey J, Del Mar C.
J Clin Epidemiol. 2018 Nov 12; . Epub 2018 Nov 12.

What are the effects of vitamin C on the duration and severity of the common cold?

Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Oct 3; 18(6):e7261. Epub 2018 Oct 3.

Does vitamin C prevent the common cold?

Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Aug 6; 18(4):e7235. Epub 2018 Aug 6.

Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H.
Biomed Res Int. 2018; 2018:1837634. Epub 2018 Jul 5.

Medical Genetics

Topic: All

Results: 0 of 0

This column displays citations in genetics. See more [filter inform](#)

PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

vitamin c AND common cold

Search

Clinical Study Categories

Category:

Scope:

Systematic Reviews

Medical Genetics

Topic:

Results: 5 of 14

The TRIP database showed most Acute Respiratory Infections questions were already addressed by Cochrane reviews.

Clark J, Carter M, Scott AM, Brassey J, Del Mar C. J Clin Epidemiol. 2018 Nov 12; . Epub 2018 Nov 12.

[Clinical features analysis of Qingkailing injection for adolescent patients based on real world HIS].

Chen LZ, Xie YM, Wang LX, Zhang Y, Wang Q, Jia PP, Feng B. Zhongguo Zhong Yao Za Zhi. 2017 Aug; 42(15):2864-2870.

Diagnosis and treatment of the common cold in pediatric patients.

Robohm C, Ruff C. JAAPA. 2012 Dec; 25(12):43-7.

Tooth sensitivity experience among residential university students.

Bamise CT, Kolawole KA, Oloyede EO, Esan TA. Int J Dent Hyg. 2010 May; 8(2):95-100.

Results: 5 of 22

The TRIP database showed most Acute Respiratory Infections questions were already addressed by Cochrane reviews.

Clark J, Carter M, Scott AM, Brassey J, Del Mar C. J Clin Epidemiol. 2018 Nov 12; . Epub 2018 Nov 12.

What are the effects of vitamin C on the duration and severity of the common cold?

Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á. Medwave. 2018 Oct 3; 18(6):e7261. Epub 2018 Oct 3.

Does vitamin C prevent the common cold?

Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á. Medwave. 2018 Aug 6; 18(4):e7235. Epub 2018 Aug 6.

Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H. Biomed Res Int. 2018; 2018:1837634. Epub 2018 Jul 5.

Results: 0 of 0

This column displays citations per genetics. See more [filter informatic](#)

PubMed (vitamin c[Title]) AND common cold[Title]

Create RSS Create alert Advanced

Article types

- Clinical Trial
- Randomized Controlled Trial
- Review
- Systematic Reviews
- Customize ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

Clear all

Show additional filters

Format: Summary Sort by: Most Recent Per page: 20

Send to Filters: Manage

Search results

Items: 1 to 20 of 91

Filters

<< First < Prev Page 1 of 5 Next > Last >>

Sort by:

Best match

Find related data

Database: Select

Find items

Search details

vitamin c[Title]
cold[Title]

Search

Recent Activity

(vitamin c[Title]
(91)

1. [What are the effects of vitamin C on the duration and severity of the common cold?](#)

1. Quidel S, Gómez E, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Oct 3;18(6):e7261. doi: 10.5867/medwave.2018.06.7260. Spanish, English.
PMID: 30339136
[Similar articles](#)

2. [Does vitamin C prevent the common cold?](#)

2. Gómez E, Quidel S, Bravo-Soto G, Ortigoza Á.
Medwave. 2018 Aug 6;18(4):e7235. doi: 10.5867/medwave.2018.04.7236. Spanish, English.
PMID: 30113569
[Similar articles](#)

3. [Extra Dose of Vitamin C Based on a Daily Supplementation Shortens the Common Cold: A Meta-Analysis of 9 Randomized Controlled Trials.](#)

Ran L, Zhao W, Wang J, Wang H, Zhao Y, Tseng Y, Bu H.
Biomed Res Int. 2018 Jul 5;2018:1837634. doi: 10.1155/2018/1837634. eCollection 2018. Review.
PMID: 30069463 **Free PMC Article**
[Similar articles](#)

4. [Thomas Chalmers, vitamin C and the common cold.](#)

4. Hemilä H.

PubMed Filters

- 不要限 Full Text 或 Free Full Text 。
- Review 和 Systematic Review 是不一樣的。
- 用 filters 時，搜尋不到 Epub ahead of print 的文章。(Publication dates 除外)
- 限制在 Humans 時，很多文章會被排除掉!
- 重新搜尋時記得要把之前的 limit 取消掉。

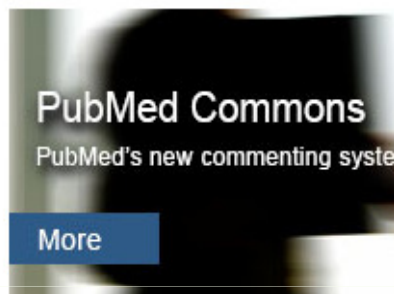
Medical Subject Heading (MeSH)

- 是美國國家醫學圖書館（U.S. National Library of Medicine，簡稱NLM）針對生物醫學資料所整理出的主題詞彙。
- MeSH的制定是對同一概念採用固定的詞彙表達方式，以達到控制詞彙目的，方便生物醫學領域的學者或從業人員彼此間的溝通，更可用以陳述資料內容的主題意涵並提供檢索。
- 還沒加工完畢的文章(最新的文章)，用MeSH是搜尋不到的！



PubMed

PubMed comprises more than 23 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.



Using PubMed

- [PubMed Quick Start Guide](#)
- [Full Text Articles](#)
- [PubMed FAQs](#)
- [PubMed Tutorials](#)
- [New and Noteworthy](#)

PubMed Tools

- [PubMed Mobile](#)
- [Single Citation Matcher](#)
- [Batch Citation Matcher](#)
- [Clinical Queries](#)
- [Topic-Specific Queries](#)

More Resources

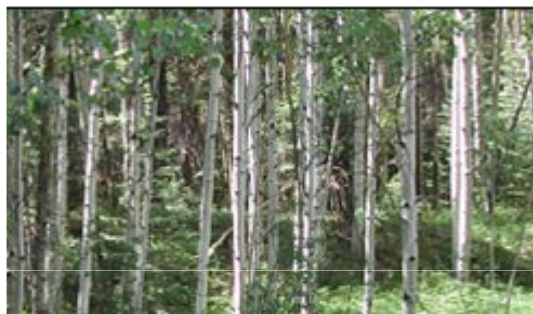
- [MeSH Database](#)
- [Journals in NCBI Databases](#)
- [Clinical Trials](#)
- [E-Utilities](#)
- [LinkOut](#)

MeSH

vitamin c

Search

Limits Advanced



MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing art

More Resources

[E-Utilities](#)

[NLM MeSH Homepage](#)

MeSH

MeSH

vitamin c

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

Summary 20 per page

Send to

Search results

Items: 11

 [Ascorbic Acid](#)

1. A six-carbon compound related to glucose. It is found naturally in citrus fruits and many vegetables. **Ascorbic acid** is an essential nutrient in human diets, and necessary to maintain connective tissue and bone. Its biologically active form, **vitamin C**, functions as a reducing agent and coenzyme in several metabolic pathways. **Vitamin C** is considered an antioxidant.
Year introduced: /therapeutic use was **ASCORBIC ACID, THERAPEUTIC** 1965

 [Sodium-Coupled Vitamin C Transporters](#)

2. Membrane transport proteins that actively co-transport **ASCORBIC ACID** and sodium ions across the CELL MEMBRANE. Dietary absorption of **VITAMIN C** is highly dependent upon this class of transporters and a subset of SODIUM GLUCOSE TRANSPORTERS which transport the oxidized form of **vitamin C**, DEHYDROASCORBIC ACID.
Year introduced: 2012(1999)

 [Ascorbic Acid Deficiency](#)

3. A condition due to a dietary deficiency of **ascorbic acid (vitamin C)**, characterized by malaise, lethargy, and weakness. As the disease progresses, joints, muscles, and subcutaneous tissues may become the sites of hemorrhage. **Ascorbic acid** deficiency frequently develops into SCURVY in young children fed unsupplemented cow's milk exclusively during their first year. It develops also commonly in chronic alcoholism. (Cecil Textbook of Medicine, 19th ed, p1177)

 [Slc23a2 protein, rat \[Supplementary Concept\]](#)

4. RefSeq NM_017316
Date introduced: June 24, 2011

MeSH

MeSH

Limits Advanced

Full

Send to:

Ascorbic Acid

A six carbon compound related to glucose. It is found naturally in citrus fruits and many vegetables. Ascorbic acid is an essential nutrient in human diets, and necessary to maintain connective tissue and bone. Its biologically active form, vitamin C, functions as a reducing agent and coenzyme in several metabolic pathways. Vitamin C is considered an antioxidant.

Year introduced: /therapeutic use was ASCORBIC ACID, THERAPEUTIC 1965

PubMed search builder options

[Subheadings:](#)

- | | | |
|-----------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|
| <input type="checkbox"/> administration and dosage | <input type="checkbox"/> complications | <input type="checkbox"/> pharmacokinetics |
| <input type="checkbox"/> adverse effects | <input type="checkbox"/> deficiency | <input type="checkbox"/> pharmacology |
| <input type="checkbox"/> agonists | <input type="checkbox"/> diagnosis | <input type="checkbox"/> physiology |
| <input type="checkbox"/> analogs and derivatives | <input type="checkbox"/> drug therapy | <input type="checkbox"/> poisoning |
| <input type="checkbox"/> analysis | <input type="checkbox"/> economics | <input type="checkbox"/> radiation effects |
| <input type="checkbox"/> antagonists and inhibitors | <input type="checkbox"/> etiology | <input type="checkbox"/> standards |
| <input type="checkbox"/> biosynthesis | <input type="checkbox"/> genetics | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> blood | <input type="checkbox"/> history | <input type="checkbox"/> supply and distribution |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> immunology | <input type="checkbox"/> therapeutic use |
| <input type="checkbox"/> chemical synthesis | <input type="checkbox"/> isolation and purification | <input type="checkbox"/> therapy |
| <input type="checkbox"/> chemistry | <input type="checkbox"/> metabolism | <input type="checkbox"/> toxicity |
| <input type="checkbox"/> classification | <input type="checkbox"/> organization and administration | <input type="checkbox"/> urine |

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

Tree Number(s): D02.241.081.844.107, D02.241.511.902.107, D09.811.100

MeSH Unique ID: D001205

Registry Number: PQ6CK8PD0R

Entry Terms:

Publ

Add

Search

Rela

PubM

PubM

Clinic

NLM

MedC

PubC

Rece

Ascorbic Acid

A six carbon compound related to glucose. It is found naturally in citrus fruits and many vegetables. Ascorbic acid is an essential nutrient in human diets, and necessary to maintain connective tissue and bone. Its biologically active form, vitamin C, functions as a reducing agent and coenzyme in several metabolic pathways. Vitamin C is considered an antioxidant.

Year introduced: /therapeutic use was ASCORBIC ACID, THERAPEUTIC 1965

PubMed search builder options

[Subheadings:](#)

- | | | |
|-----------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|
| <input type="checkbox"/> administration and dosage | <input type="checkbox"/> complications | <input type="checkbox"/> pharmacokinetics |
| <input type="checkbox"/> adverse effects | <input type="checkbox"/> deficiency | <input type="checkbox"/> pharmacology |
| <input type="checkbox"/> agonists | <input type="checkbox"/> diagnosis | <input type="checkbox"/> physiology |
| <input type="checkbox"/> analogs and derivatives | <input type="checkbox"/> drug therapy | <input type="checkbox"/> poisoning |
| <input type="checkbox"/> analysis | <input type="checkbox"/> economics | <input type="checkbox"/> radiation effects |
| <input type="checkbox"/> antagonists and inhibitors | <input type="checkbox"/> etiology | <input type="checkbox"/> standards |
| <input type="checkbox"/> biosynthesis | <input type="checkbox"/> genetics | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> blood | <input type="checkbox"/> history | <input type="checkbox"/> supply and distribution |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> immunology | <input type="checkbox"/> therapeutic use |
| <input type="checkbox"/> chemical synthesis | <input type="checkbox"/> isolation and purification | <input type="checkbox"/> therapy |
| <input type="checkbox"/> chemistry | <input type="checkbox"/> metabolism | <input type="checkbox"/> toxicity |
| <input type="checkbox"/> classification | <input type="checkbox"/> organization and administration | <input type="checkbox"/> urine |

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

Tree Number(s): D02.241.081.844.107, D02.241.511.902.107, D09.811.100

MeSH Unique ID: D001205

Registry Number: PQ6CK8PD0R

Entry Terms:

MeSH

MeSH

Search

Limits Advanced

Full

Send to:

Ascorbic Acid

A six carbon compound related to glucose. It is found naturally in citrus fruits and many vegetables. Ascorbic acid is an essential nutrient in human diets, and necessary to maintain connective tissue and bone. Its biologically active form, vitamin C, functions as a reducing agent and coenzyme in several metabolic pathways. Vitamin C is considered an antioxidant.

Year introduced: /therapeutic use was ASCORBIC ACID, THERAPEUTIC 1965

PubMed search builder options

[Subheadings:](#)

- administration and dosage
- adverse effects
- agonists
- analogs and derivatives
- analysis
- antagonists and inhibitors
- biosynthesis
- blood
- cerebrospinal fluid
- chemical synthesis
- chemistry
- classification
- complications
- deficiency
- diagnosis
- drug therapy
- economics
- etiology
- genetics
- history
- immunology
- isolation and purification
- metabolism
- organization and administration
- pharmacokinetics
- pharmacology
- physiology
- poisoning
- radiation effects
- standards
- statistics and numerical data
- supply and distribution
- therapeutic use
- therapy
- toxicity
- urine

Restrict to MeSH Major Topic.

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

Tree Number(s): D02.241.081.844.107, D02.241.511.902.107, D09.811.100

MeSH Unique ID: D001205

Registry Number: PQ6CK8PD0R

Entry Terms:

PubMed Search Builder

Add to search builder AND

Search PubMed



Related information

- [PubMed](#)
- [PubMed - Major Topic](#)
- [Clinical Queries](#)
- [NLM MeSH Browser](#)
- [MedGen](#)
- [PubChem Compound](#)

Recent Activity

MeSH

MeSH

Limits Advanced

Search

Full

Send to:

Ascorbic Acid

A six carbon compound related to glucose. It is found naturally in citrus fruits and many vegetables. Ascorbic acid is an essential nutrient in human diets, and necessary to maintain connective tissue and bone. Its biologically active form, vitamin C, functions as a reducing agent and coenzyme in several metabolic pathways. Vitamin C is considered an antioxidant.

Year introduced: /therapeutic use was ASCORBIC ACID, THERAPEUTIC 1965

PubMed search builder options

[Subheadings:](#)

- administration and dosage
- adverse effects
- agonists
- analogs and derivatives
- analysis
- antagonists and inhibitors
- biosynthesis
- blood
- cerebrospinal fluid
- chemical synthesis
- chemistry
- classification
- complications
- deficiency
- diagnosis
- drug therapy
- economics
- etiology
- genetics
- history
- immunology
- isolation and purification
- metabolism
- organization and administration
- pharmacokinetics
- pharmacology
- physiology
- poisoning
- radiation effects
- standards
- statistics and numerical data
- supply and distribution
- therapeutic use
- therapy
- toxicity
- urine

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

Tree Number(s): D02.241.081.844.107, D02.241.511.902.107, D09.811.100

MeSH Unique ID: D001205

Registry Number: PQ6CK8PD0R

Entry Terms:

PubMed Search Builder

"Ascorbic Acid" [Majr]

Add to search builder AND

Search PubMed

Related information

[PubMed](#)

[PubMed - Major Topic](#)

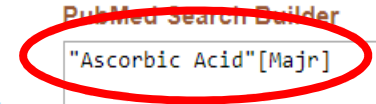
[Clinical Queries](#)

[NLM MeSH Browser](#)

[MedGen](#)

[PubChem Compound](#)

Recent Activity



Article types

- Clinical Trial
- Randomized Controlled Trial
- Review
- Systematic Reviews
- Customize ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

[Clear all](#)

[Show additional filters](#)

Format: Summary Sort by: Most Recent Per page: 20

Send to F

Search results

Items: 1 to 20 of 23362

<< First < Prev Page 1 of 1169 Next > Last >>

[Diffuse light affects the contents of vitamin C, phenolic compounds and free amino acids in lettuce plants.](#)

1. Riga P, Benedicto L, Gil-Izquierdo Á, Collado-González J, Ferreres F, Medina S. Food Chem. 2019 Jan 30;272:227-234. doi: 10.1016/j.foodchem.2018.08.051. Epub 2018 Aug 11. PMID: 30309537 [Similar articles](#)

[Switchable fluorescence of MoS₂ quantum dots: a multifunctional probe for sensing of chromium\(VI\), ascorbic acid, and alkaline phosphatase activity.](#)

2. Hu L, Zhang Q, Gan X, Yin W, Fu W. Anal Bioanal Chem. 2018 Nov;410(28):7551-7557. doi: 10.1007/s00216-018-1374-2. Epub 2018 Sep 21. PMID: 30242729 [Similar articles](#)

[Attenuation of atherogenic apo B-48-dependent hyperlipidemia and high density lipoprotein remodeling induced by vitamin C and E combination and their beneficial effect on lethal ischemic heart disease in mice.](#)

3. Contreras-Duarte S, Chen P, Andía M, Uribe S, Irrarrázaval P, Kopp S, Kern S, Marsche G, Busso D, Wadsack C, Rigotti A. Biol Res. 2018 Sep 15;51(1):34. doi: 10.1186/s40659-018-0183-6. PMID: 30219096 **Free PMC Article** [Similar articles](#)

MeSH MeSH Search Limits Advanced Help

Display Settings: Full

Send to: PubMed Search Builder

Common Cold

A catarrhal disorder of the upper respiratory tract, which may be viral or a mixed infection. It generally involves a runny nose, nasal congestion, and sneezing.

PubMed search builder options

Subheadings:

- analysis, anatomy and histology, blood, cerebrospinal fluid, chemically induced, classification, complications, cytology, diagnosis, diet therapy, drug therapy, economics, enzymology, epidemiology, ethnology, etiology, genetics, growth and development, history, immunology, metabolism, microbiology, mortality, nursing, organization and administration, pathology, physiology, physiopathology, prevention and control, psychology, radiography, radiotherapy, rehabilitation, statistics and numerical data, surgery, therapy, transmission, urine, veterinary, virology

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

PubMed Search Builder ("Ascorbic Acid" [Majr]) AND "Common Cold" [Majr] Add to search builder AND Search PubMed

YouTube Tutorial

Related information

- PubMed, PubMed - Major Topic, Clinical Queries, NLM MeSH Browser, MedGen

Recent Activity

- Common Cold, Respiratory Tract Infections

Article types

- Clinical Trial
- Randomized Controlled Trial
- Review
- Systematic Reviews
- Customize ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

[Clear all](#)

[Show additional filters](#)

Format: Summary Sort by: Most Recent Per page: 20

Send to

Search results

Items: 1 to 20 of 207

<< First < Prev Page 1 of 11 Next > Last >>

[Vitamin C and Infections.](#)

1. Hemilä H.
 Nutrients. 2017 Mar 29;9(4). pii: E339. doi: 10.3390/nu9040339. Review.
 PMID: 28353648 [Free PMC Article](#)
[Similar articles](#)

[Vitamin C supplementation slightly improves physical activity levels and reduces cold incidence in men with marginal vitamin C status: a randomized controlled trial.](#)

2. Johnston CS, Barkyoumb GM, Schumacher SS.
 Nutrients. 2014 Jul 9;6(7):2572-83. doi: 10.3390/nu6072572.
 PMID: 25010554 [Free PMC Article](#)
[Similar articles](#)

[\[Common colds. Good prescriptions from empirical medicine\].](#)

3. Schockert T.
 MMW Fortschr Med. 2013 Dec 16;155(21-22):32. German. No abstract available.
 PMID: 24724263
[Similar articles](#)

[Prevention and treatment of the common cold: making sense of the evidence.](#)

4. Allan GM, Arroll B.
 CMAJ. 2014 Feb 18;186(3):190-9. doi: 10.1503/cmaj.121442. Epub 2014 Jan 27. Review. No abstract available.



Trusted evidence.
Informed decisions.
Better health.

Title Abstract Keyword



Browse

Advanced search

Cochrane Reviews

Trials

Clinical Answers

About

Help

redrag Vudkovic/Getty Images



Can omega-3 fatty acid prevent preterm birth?

Read the Review



Preventing falls in older people

Read the Special Collection



Cryptococcal disease guidelines

Read the Editorial

Highlighted Reviews

Editorials

Special Collections

Dual combination therapy versus long-acting bronchodilators alone for chronic obstructive pulmonary disease (COPD): a systematic review and network meta-analysis

Yuji Oba, Edna Keeney, Namratta Ghatehorde, Sofia Dias

3 December 2018

Autologous platelet concentrates for treating periodontal infrabony defects





Trusted evidence.
Informed decisions.
Better health.

Cochrane Reviews

Trials

Clinical Answers

About

Help

Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search

Search manager

Medical terms (MeSH)

vitamin c

Save search

View searches

Search help

Title Abstract Keyword

vitamin c

(Word variations have been searched)

+

Search limits

Send to search manager

Run search

Clear all

Title Abstract Keyword



Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search Search manager Medical terms (MeSH)

Save this search View saved searches Search help

Print

#1 (vitamin c):ti,ab,kw S Limits 5006
(Word variations have been searched)

#2 Type a search term or use the S or MeSH buttons to compose S MeSH Limits



Clear all

Highlight orphan lines

Save this search View saved searches Search help

Print

Filter your

| | | | | | |
|------------------------|-------------------------|----------------|-----------------|-----------------|-----------|
| Cochrane Reviews 58 | Cochrane Protocols 3 | Trials 4941 | Editorials 0 | Special co 0 | More ▼ |
|------------------------|-------------------------|----------------|-----------------|-----------------|-----------|

Filter your results

Date i

Publication date

- The last 3 months 2
- The last 6 months 2
- The last 9 months 2
- The last year 3
- The last 2 years 9

Custom Range:

to

Status i

- New search 14
- Conclusions changed 3

Language i

Cochrane Reviews 58
Cochrane Protocols 3
Trials 4941
Editorials 0
Special collections 0
More

58 Cochrane Reviews matching on "#1 - (vitamin c):ti,ab,kw" (Word variations have been searched)'

Cochrane Database of Systematic Reviews
Issue 12 of 12, December 2018

Select all (58) [Export selected citation\(s\)](#) [Show all previews](#)

Order by

Results per page

1 **Vitamin C supplementation in pregnancy**
Alice Rumbold, Erika Ota, Chie Nagata, Sadequa Shahrook, Caroline A Crowther
[Show Preview](#) [Intervention](#) [Review](#) 29 September 2015 [Free access](#)

2 **Vitamin C for preventing and treating the common cold**
Harri Hemilä, Elizabeth Chalker
[Show Preview](#) [Intervention](#) [Review](#) 31 January 2013

3 **Vitamin C for preventing and treating tetanus**
Harri Hemilä, Teija Koivula
[Show Preview](#) [Intervention](#) [Review](#) 13 November 2013 [New search](#) [Free access](#)

Cochrane Reviews
58

Cochrane Protocols
3

**Trials
4941**

Editorials
0

Special collections
0

More
▼

Filter your results

Year i

Year first published

2018 192
2017 380
2016 354
2015 359
2014 345

Custom Range:

yyyy to yyyy

Apply

Clear

Date i

Date added to CENTRAL trials database

The last 3 months 75
The last 6 months 168
The last 9 months 722

4941 Trials matching on "'#1 - (vitamin c):ti,ab,kw" (Word variations have been searched)'

Cochrane Central Register of Controlled Trials

Issue 12 of 12, December 2018

Select all (4941) Export selected citation(s)

Order by Relevancy ▼

Results per page 25 ▼

1

BMI-based Vitamins in Obese Pregnant Women

NCT02802566

<https://clinicaltrials.gov/show/nct02802566>, 2016 | added to CENTRAL: 31 May 2018 | 2018 Issue 5

2

Effectiveness of a Vitamin Mineral Supplement

NCT00153764

<https://clinicaltrials.gov/show/nct00153764>, 2005 | added to CENTRAL: 31 May 2018 | 2018 Issue 5

3

Vitamin C and fatigue

E Cheraskin

Journal of ORTHOMOL MED, 1994, 9(1), 39-45 | added to CENTRAL: 31 July 1998 | 1998 Issue 3

Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search

Search manager

Medical terms (MeSH)

Save search

View searches

Search help

Title Abstract Keyword

common cold

(Word variations have been searched)

+

common cold

Clear all

Search limits

Send to search manager

Run search



Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search

Search manager

Medical terms (MeSH)

Save this search

View saved searches

Search help

+

Print

#1 (vitamin c):ti,ab,kw S Limits 5006

(Word variations have been searched)

#2 (common cold):ti,ab,kw S Limits 1735

(Word variations have been searched)

#3 Type a search term or use the S or MeSH buttons to compose S MeSH Limits N/A

Clear all

Highlight orphan lines

Save this search

View saved searches

Search help

Print

Cochrane Reviews

Cochrane Protocols

Trials

Editorials

Special co

More

Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search

Search manager

Medical terms (MeSH)

Save this search

View saved searches

Search help

+

Print

-

+

#1

(vitamin c):ti,ab,kw

S

Limits

5006

(Word variations have been searched)

-

+

#2

(common cold):ti,ab,kw

S

Limits

1735

(Word variations have been searched)

#3

#1 AND #2

Cancel

Continue

Clear all

Highlight or lines

Save this search

View saved searches

Search help

Print

Advanced Search

Please note that the Advanced Search is optimised for English search terms. Certain features, such as search operators and MeSH terms, are only available in English.

Search

Search manager

Medical terms (MeSH)

Save this search

View saved searches

Search help

Print

| | | | | | | | | | |
|--|--------------------------|--------------------------|----|----------------------------------------------------------------|---|--------|--------|-----|--|
| | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | #1 | (vitamin c):ti,ab,kw (Word variations have been searched) | S | Limits | 5006 | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | #2 | (common cold):ti,ab,kw (Word variations have been searched) | S | Limits | 1735 | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | #3 | #1 AND #2 | | Limits | 46 | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | #4 | Type a search term or use the S or MeSH buttons to compose | S | MeSH | Limits | N/A | |

Clear all

Highlight orphan lines

Save this search

View saved searches

Search help

Print

Save this search

View saved searches

Search help

Print

Filter your results

Date i

Publication date

The last 3 months 0

The last 6 months 0

The last 9 months 0

The last year 0

The last 2 years 0

Custom Range:

dd/mm/yyyy to dd/mm/yyyy

Apply Clear

Language i

Deutsch 1

Cochrane Reviews
1

Cochrane Protocols
0

Trials
45

Editorials
0

More
▼

1 Cochrane Review matching on '"#3 - #1 AND #2"'

Cochrane Database of Systematic Reviews

Issue 12 of 12, December 2018

Select all (1) Export selected citation(s) Show all previews

Order by Relevancy ▼

Results per page 25 ▼

1

Vitamin C for preventing and treating the common cold

Harri Hemilä, Elizabeth Chalker

Show Preview ▼ Intervention Review 31 January 2013

文獻搜尋的原則與技巧

- 界定關鍵詞(keyword)
- 善用同義字(synonym)或 MeSH
- 善用 title, Boolean operator (AND, OR, NOT), limit, filter 等搜尋功能
- 藥物要用學名(generic name)，別用商品名(trade name)
- 找尋和問題本身最相關的資料
- 依文獻資料的等級，找尋最高等級的證據

Now this is not the end. It is not even the beginning of the end. But it is, perhaps, the end of the beginning.

Winston Churchill
Speech at the Lord Mayor's Day Luncheon, London
10 Nov 1942

Thank You