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大綱

- 一、資料庫背景介紹
- 二、介面介紹
- 三、利用PICO檢索_又快又準
- 四、利用Mesh Term檢索_聰明不遺漏
- 五、利用Search Manager_策略化檢索
- 六、註冊個人帳號，善用個人化功能



大綱

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資料庫背景介紹

1972年 英國流行病學家Archie Cochrane

使用已被證明有效果的醫療措施，可避免醫療資源浪費
呼籲健康照護的成效應有實證研究→RCT研究支持

1992年 Cochrane Collaboration成立

13個研究中心(亞洲的分支：新加坡、泰國、香港等)

53個醫療系統評論小組(如:呼吸性感染、麻醉等...)

15000位醫療專業人士(科學家、健康專家、研究人員)投入Systematic Review

研究成果收錄成CDSR(Cochrane Database of Systematic Review)

2-3年會重新進行資料收集及評讀



針對特定臨床醫療照護問題的介入方式評斷其療效，協助醫生進行診療判斷與決策

收錄資料量

January, 2016

the *CDSR* includes 9201 records:

6471 Reviews

2460 Protocols

在SCI的排名

2014年“COCHRANE DB SYST REV”在這

Medicine, General & Internal category領域下

Impact Factor= 6.035，排名第13/154

Systematic Review

謹慎的收集資料

經過統合分析

Mata-Analysis

作出可靠的結論

作為決策者的參考



為什麼需要The Cochrane Library?

- **節省時間**

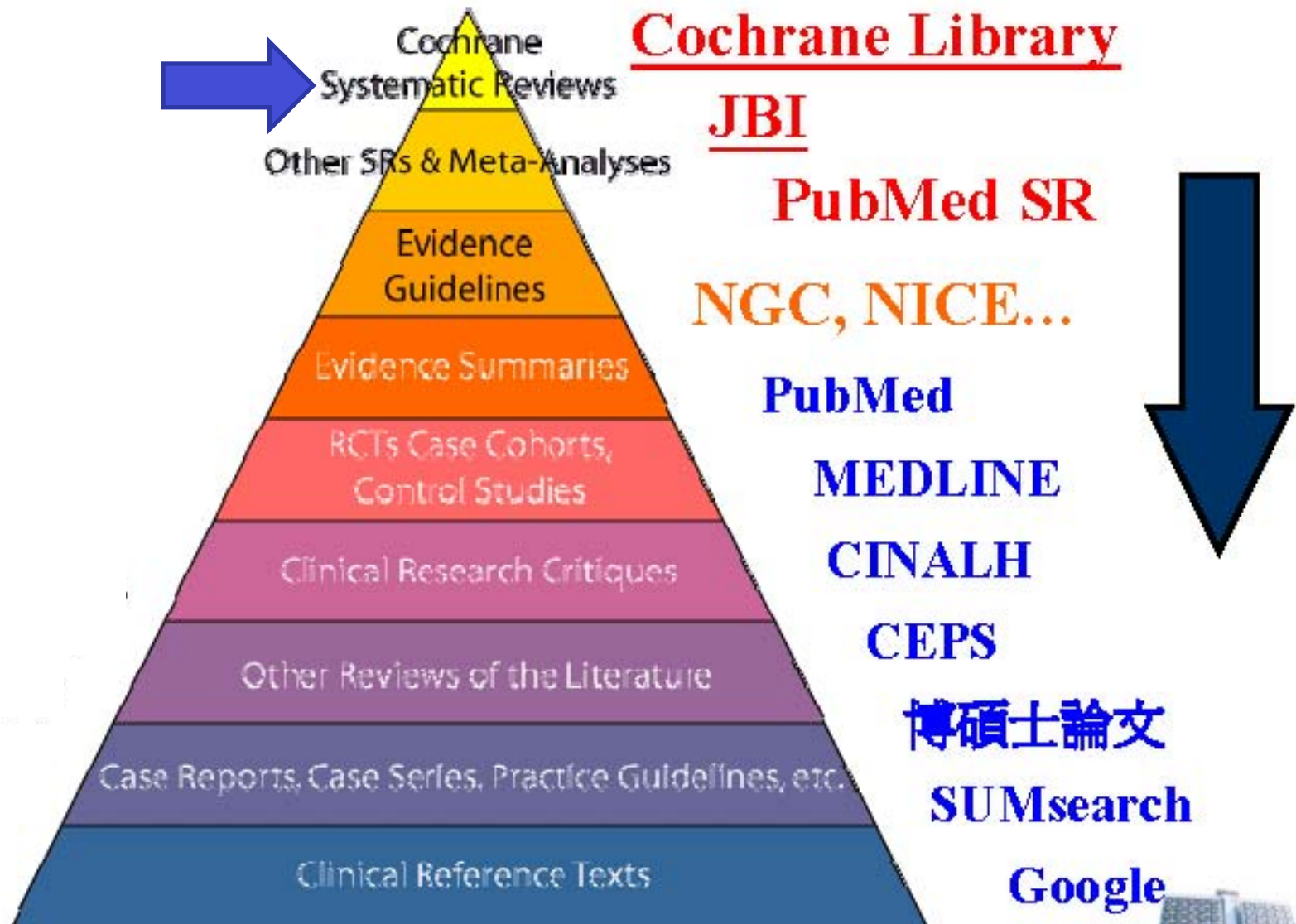
- 全世界每年有超過 2,000,000 篇文章發表於 20,000 種生物醫學期刊
- 文章累積高度相當於一棟台北 101大樓 (500公尺)
- 每天至少需要閱讀19篇論文才能掌握核心發展的最新狀況



- 醫學界重要的出版品一致推崇 Cochrane Reviews 是目前最具參考價值的系統評論 ("gold standard")
 - The Lancet
 - New England Journal of Medicine
 - British Medical Journal
 - The Journal of the American Medical Association



文獻搜尋優先順序(**STRATEGY: top down**)





The Cochrane Library 實證醫學資料庫， 包括七個文獻庫

- **Cochrane Database of Systematic Reviews (Cochrane Reviews)**
 - 針對特定臨床問題(健康照護)的介入方式評斷其療效，是全文資料庫
- **Database of Abstracts of Reviews of Effects (Other Reviews)**
 - 收錄經過嚴格審核標準的系統評論摘要資料庫
- **Cochrane Central Register of Controlled Trials (Clinical Trials)**
 - 收錄隨機臨床實驗的書目資料庫
- **Cochrane Methodology Register (Methods Studies)**
 - 蒐集已出版的且針對產生對照實驗方法的書目資訊
- **Health Technology Assessment Database (Technology Assessments)**
 - 提供健康醫療技術之評估摘要，目的在於改善健康照顧的品質及成本效益
- **NHS Economic Evaluation Database (Economic Evaluations)**
 - 收錄不同治療方式的成本比較和治療效果比較等摘要資料



實證醫學五步驟

“Standard EBM”Steps in EBM process (**5 As**)

- 提出問題(**Ask**: **PICO**)
 - Formulate an answerable question
- 搜尋證據(**Acquire**)
 - Track down the best evidence
- 嚴格評讀(**Appraisal**: **VIP**)
 - Critically appraise the evidence
- 恰當運用(**Apply**: **3E**)
 - Integrate with clinical expertise and patient values
- 衡量結果(**Audit**)
 - Monitoring your performance

實證醫學五步驟

- 提出問題(**Ask: PICO**)
 - Patient or Problem(病人或問題)
 - Intervention or Indicator(介入或指標)－某種治療、檢查、危險因子等
 - Comparator(比較)
 - －該治療和什麼相比
 - Outcome (結果)
 - －您想要達成或避免什麼結果



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Highlighted Reviews

Editorials

Special Collections

Blood pressure control for diabetic retinopathy

Diana V Do, Xue Wang, Satyanarayana S Vedula, Michael Marrone, Gina Sleilati, Barbara S Hawkins, Robert N Frank

31 January 2015

Controlled cord traction for the third stage of labour

G Justus Hofmeyr, Nolundi T Mshweshwe, A Metin Gülmezoglu

29 January 2015

Chondroitin for osteoarthritis

Jasvinder A Singh, Shahrzad Noorbaloochi, Roderick MacDonald, Lara J Maxwell

28 January 2015

Social norms information for alcohol misuse in university and college students

David R Foxcroft, Maria Teresa Moreira, Nerissa ML Almeida Santimano, Lesley A Smith

26 January 2015

First rank symptoms for schizophrenia

Karla Soares-Weiser, Nicola Maayan, Hanna Bergman, Clare Davenport, Amanda J Kirkham, Sarah Grabowski, Clive E Adams

25 January 2015

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Index of Cochrane Journal Club articles

Finally – no more searching for relevant and interesting papers to discuss at your next journal club meeting! We provide everything you need to present the paper at your Journal Club meeting over that much needed cup of coffee.

Cochrane Journal Club is a free, monthly publication that introduces a recent Cochrane review, together with relevant background information, a podcast explaining the key points of the review, discussion questions to help you to explore the review methods and findings in more detail, and downloadable PowerPoint slides containing key figures and tables. You can even contact the review authors with your questions.

Aimed at trainees, researchers and clinicians alike, every Cochrane Journal Club article is specially selected from the hundreds of new and updated reviews published in each issue of The Cochrane Library representing diverse clinical topics, and each one focuses on a review of special interest, such as practice-changing reviews, new methodology and evidence-based practice.

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Latest Issue

#52 Thrombolysis for acute ischaemic stroke

[Clinical Version](#) | [Methodological Version unavailable](#)

Previous Issues

- #51 Pharmacological interventions for sleepiness and sleep disturbances caused by shift work
[Clinical Version](#) | [Methodological Version unavailable](#)
- #50 Exercise programs for people with dementia
[Clinical Version](#) | [Methodological Version unavailable](#)
- #49 Thrombolysis for acute deep vein thrombosis
[Clinical Version](#) | [Methodological Version unavailable](#)
- #48 Barriers and facilitators to the implementation of lay health worker programmes to improve access to maternal and child health: qualitative evidence synthesis
[Clinical Version](#) | [Methodological Version](#)

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You are currently viewing the **Clinical** version of this article. **Methodological** Version unavailable

Thrombolysis for acute deep vein thrombosis

Clinical Summary

Deep vein thrombosis (DVT) is a major health problem, affecting up to one in 20 people during their lifetime. Symptoms include pain, swelling, discolouration, and ulceration; all of which cause suffering to the patient and can add to the health and care costs. Standard treatment is with anticoagulation, which thins the blood to reduce formation of further clots and is aimed mainly at the prevention of pulmonary embolus and recurrent DVT. Thrombolysis might provide an alternative, or additional therapy, since it has been widely used to dissolve blood clots in other conditions including myocardial infarction and stroke. However, it has not been widely used for patients with acute DVT, even though standard treatment does not prevent more than 50% of patients with DVT from developing disabling post thrombotic syndrome (PTS).

This Cochrane Review was first published in 2002, and this substantive update appeared in The Cochrane Library in January 2014. It bring together evidence from 17 randomised trials on the benefits and harms of thrombolysis for DVT, with a total of 1103 participants. The trials took place over the past four decades and vary widely in many regards. The earlier trials used systemic thrombolysis and had few contra-indications. While later trials use more sophisticated techniques and patient selection, including loco-regional administration of the drug directly through a catheter put into a vein in the affected limb.

When the authors used the Cochrane Risk of Bias tool to assess the quality of the trials they concluded

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Presentations



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temporarily unavailable

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[Clinical summary](#)

primary outcomes, reflecting the need to explore the variety of ways in which the treatment effect might appear.

Expand + =

Read the Paper

Abstract

References

Plain Language

Conclusions

Title: Thrombolysis for acute deep vein thrombosis

Author: Watson L, Broderick C, Armon MP

Background:

Standard treatment for deep vein thrombosis aims to reduce immediate complications. Use of thrombolysis or clot dissolving drugs could reduce the long-term complications of post-thrombotic syndrome (PTS) (pain, swelling, skin discolouration, or venous ulceration) in the affected leg. This is the second update of a review first published in 2004.

Objectives:

To assess the effects of thrombolytic therapy and anticoagulation versus anticoagulation in the management of people with acute deep vein thrombosis (DVT) of the lower limb as determined by the effects on pulmonary embolism, recurrent venous thromboembolism, major bleeding, post-thrombotic complications, venous patency and venous function.

Search methods:

Download Options:  [Abstract PDF \(61k\)](#)  [Standard PDF \(602k\)](#)  [Full PDF \(794k\)](#)

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Author Profile



Dr Lorna Watson

trained in general medicine before entering public health in 1998. She is Consultant in Public Health Medicine in NHS Fife and Honorary Senior Lecturer in Public Health, University of St Andrews in Scotland.

She has undertaken systematic reviews of vaccine effectiveness and Cochrane Reviews in relation to peripheral vascular disease, and is an Editor with the Cochrane PVD group at the University of Edinburgh.

Discussion points: a critical appraisal

What are the questions you should be asking as you read this paper? – [find out here](#).

Related Resources

[NICE quality standards for diagnosis and management of venous thromboembolic diseases](#)

National Institute for Health and Care Guidelines' recommendations for the diagnosis and management of venous thromboembolic diseases

[Anticoagulant therapy for deep vein thrombosis \(DVT\) in pregnancy](#)

Che Yaakob CA, Dzarr AA, Ismail AA, Zuky Nik Lah NA, Ho JJ

Cochrane Database of Systematic Reviews 2010, Issue 6. Art. No.: CD007801.

DOI: 10.1002/14651858.CD007801.pub2.

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Cancer

Child health

Complementary & alternative medicine

Consumer & communication strategies

Dentistry & oral health

Developmental, psychosocial & learning problems

Diagnosis

Ear, nose & throat

Effective practice/health systems

Endocrine & metabolic

Eyes & vision

Gastroenterology

Genetic disorders

Gynaecology

Health & safety at work

Heart & circulation

1

Infectious disease

Kidney disease

Lungs & airways

Mental health

Methodology

Neonatal care

Neurology

Orthopaedics & trauma

Pain & anaesthesia

Pregnancy & childbirth

Public health

Rheumatology

Skin

Tobacco, drugs & alcohol

Urology

Wounds

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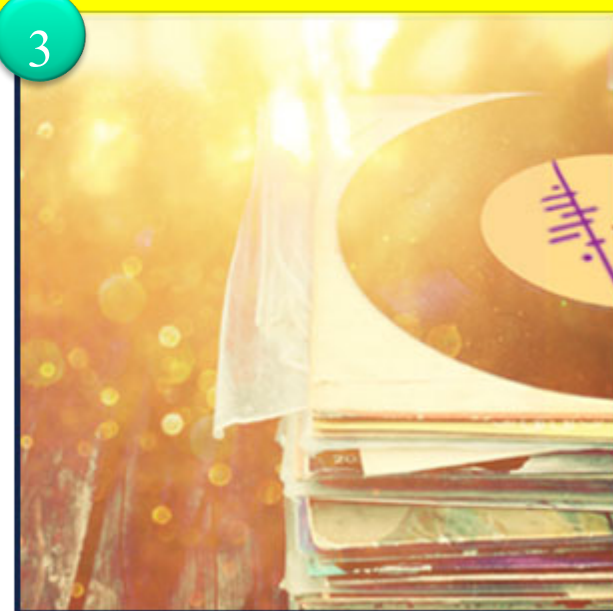


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29 January 2015

Chondroitin for osteoarthritis

Jasvinder A Singh, Shahrzad Noor

28 January 2015

Social norms information for al

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| Consumer & communication strategies | Methodology |
| Dentistry & oral health | Neonatal care |
| Developmental, psychosocial & learning problems | Neurology |
| Diagnosis | Orthopaedics & trauma |
| Ear, nose & throat | Pain & anaesthesia |
| Effective practice/health systems | Pregnancy & childbirth |
| Endocrine & metabolic | Public health |
| Eyes & vision | Rheumatology |
| Gastroenterology | Skin |
| Genetic disorders | Tobacco, drugs & alcohol |
| Gynaecology | Urology |
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Lungs & airways

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Methodology

Neonatal care

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Cancer

Narrow your results

Topic

- Cancer ←
- Bladder (9)
- ▼ Breast (49)
- ▼ Childhood cancers (28)
- ▼ Colorectal (57)
- ▼ General cancer treatments (55)
- ▼ Gynaecological (85)
- ▼ Haematological malignancies (48)

[show more \(19\)](#)

Cancer

Narrow your results

Topic

- Cancer ←
- ↳ Childhood cancers ×
- Chemotherapy (11)
- Supportive care (17)
- Surgery (1)

28 items matching Childhood cancers

Page: **1** 2 Next ▶

閱讀全文

per page

Sort by: **Date: Newest First** ▼

Retinoic acid post consolidation therapy for high-risk neuroblastoma patients treated with autologous hematopoietic stem cell transplantation

Frank Peinemann, Elvira C van Dalen, Doreen A Tushabe, Frank Berthold
Online Publication Date: January 2015

New

Review

Intervention

Minimally invasive surgery versus open surgery for the treatment of solid abdominal and thoracic neoplasms in children

Elvira C van Dalen, Manou S de Lijster, Lieve GJ Leijssen, Erna MC Michiels, Leontien CM Kremer, Huib N Caron, Daniel C Aronson
Online Publication Date: January 2015

New search

Review

Intervention

Chemotherapy for children with medulloblastoma

Erna MC Michiels, Antoinette YN Schouten-Van Meeteren, François Doz, Geert O Janssens, Elvira C van Dalen
Online Publication Date: January 2015

New

Review

Intervention



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■ **Acute Respiratory Infection:**

■ **Airways Group**

■ **Anaesthesia Group**

■ **Back Group**

■ **Bone, Joint and Muscle Tra**

■ **Breast Cancer Group**

■ **Childhood Cancer Group**

■ **Colorectal Cancer Group**

■ **Consumers and Communica**

■ **Cystic Fibrosis and Genetic I**

■ **Dementia and Cognitive Im**

■ **Depression, Anxiety and Ne**

■ **Developmental, Psychosocial and Learning
Problems Group**

■ **Drugs and Alcohol Group**

■ **Ear, Nose and Throat Disorders Group**

■ **Effective Practice and Organization of Care Group**

Airways Group

Narrow your results

Cochrane Review Group

■ Airways Group

Topic

- ▼ Child health (160)
- ▼ Complementary & alternative medicine (16)
- ▼ Developmental, psychosocial & learning problems (1)
- ▼ Diagnosis (1)
- ▼ Gastroenterology (2)
- ▼ Genetic disorders (1)
- ▼ Heart & circulation (1)

show more (4)

Highlighted Cochrane Reviews

Indacaterol, a once-daily beta2-agonist, versus twice-daily beta2-agonists or placebo for chronic obstructive pulmonary disease

James B Geake, Eli J Dabscheck, Richard Wood-Baker, Christopher J Cates

339 matching items

Page: 1 2 3 4

選取相關主題的子分類，並閱讀全文

5 per page

Sort by: Date: Newest First

Exhaled nitric oxide levels to guide treatment for children with asthma

Helen L Petsky, Kayleigh M Kew, Jennifer A Kynaston, Cathy Turner, Anne B Chang

Online Publication Date: January 2015

New

Protocol

Intervention

Unsupervised exercise training versus no exercise training for chronic obstructive pulmonary disease

Katy E Mitchell, Rachael A Evans, Vicki Johnson-Warrington, Karen Rees, Theresa Harvey-Dunstan, Sally J Singh

Online Publication Date: January 2015

New

Protocol

Intervention

go to the Journal Club ➔

■ Neonatal Group

■ Neuromuscular Disease Group

■ Occupational Safety and Health Group

■ Oral Health Group



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Key in 查詢詞

建議詞彙下拉選單

選擇檢索項
建議：Title,
Abstract, Keywords

Diabetes

- diabetes
- diabetes associated peptide
- Diabetes Care Profile
- diabetes control
- diabetes education research
- diabetes gravidarum
- diabetes insipidus
- diabetes mellitus
- diabetes mellitus ketoacidosis
- diabetes mellitus type 1
- diabetes mellitus type I
- diabetes mellitus type-I
- diabetes prevention studies
- diabetes prevention study
- diabetes resistant
- diabetes risk score

Title, Abstract, Keywords

- Search All Text
- Record Title
- Author
- Abstract
- Keywords
- Title, Abstract, Keywords
- Tables
- Publication Type
- Source
- DOI
- Accession Number

Search Limits

Search

Search Manager

Medical Terms (MeSH)

Browse

 Title, Abstract, Keywords

Go

Save

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檢索條件限制

... been searched)

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Clear

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Database

- ☐ Cochrane Reviews
- ☒ All
- ☐ Review
- ☐ Protocol
- ☐ Other Reviews
- ☐ Trials
- ☐ Methods Studies
- ☐ Technology Assessments
- ☐ Economic Evaluations
- ☐ Cochrane Groups

Status

Limit search to the following:

- ☐ New (all products)

For Cochrane Reviews only

- ☐ New Search
- ☐ Conclusions Changed
- ☐ Major Change
- ☐ Commented
- ☐ Withdrawn

Cochrane Review Group

Choose review group

Dates**Publication Year (available for all databases)**

Year (YYYY) the article was originally published

**For Cochrane Reviews, this is the year of the last update

- ☒ All Years
- ☐ Between and

Or

Cochrane Library Online Publication Date

Date the article was added (or last updated) on the Cochrane Library **Available for Cochrane Reviews only

- ☒ All Dates
- ☐ In the last
- ☐ Between and

☐ Word variations will not be searched (e.g. "paid" will not find pay, pays, paying, payed)

Apply

Clear

評論狀態圖示說明

	Hormone replacement therapy for women with type 1 diabetes mellitus Liz Mackay , Lynn Kilbride , Karen A Adamson and John Chisholm Online Publication Date: June 2013	Review
	Different intensities of glycaemic control for pregnant women with pre-existing diabetes Philippa Middleton , Caroline A Crowther and Lucy Simmonds Online Publication Date: August 2012	Ns Review
	Cinnamon for diabetes mellitus Matthew J Leach and Saravana Kumar Online Publication Date: September 2012	Cm Review

Review

全面完整的評論，包括結果和討論，還可能包括結合各項研究結果的統計分析方法。

Protocol

正在進行中的評論大綱，包括背景、原理和方法。

Up

如最近一期所發表，已經針對現有的評論進行了新的研究檢索。

Mc

已經修訂實驗方法，以反映最近一期中發表的範圍變化。

Cc

最新一期中發表、且結論有重大修正的評論。



一般檢索

Case :

抗生素能否緩和喉嚨痛的症狀？

Can antibiotics help in alleviating the symptoms of sore throat ?

檢索策略：

(antibiotics):ti,ab,kw and (sore throat):ti,ab,kw



Search

Search Manager

Medical Terms (MeSH)

Browse

Title, Abstract, Keywords

"antibiotic"

AND

Title, Abstract, Keywords

"sore throat"

[Search Limits](#)[Search Help](#)(Word variations have been searched)

Clear

Go

Save

[Add to Search Manager](#)

All Results (93)

- ☒ Cochrane Reviews (13)
 - ☒ All
 - ☐ Review
 - ☐ Protocol
- ☐ Other Reviews (1)
- ☐ Trials (76)
- ☐ Methods Studies (3)
- ☐ Technology Assessments (0)
- ☐ Economic Evaluations (0)
- ☐ Cochrane Groups (0)

- ☒ All
- ☐ Current Issue

- Me** Methodology
- Dx** Diagnostic
- Ov** Overview
- Cc** Conclusions changed
- Ns** New search
- Mc** Major change
- Up** Update
- Wd** Withdrawn

Cochrane Database of Systematic Reviews : Issue 2 of 12, February 2015

Issue [updated daily](#) throughout month

There are 13 results from 8702 records for your search on "'antibiotic" in Title, Abstract, Keywords and "sore throat" in Title, Abstract, Keywords in Cochrane Reviews'

Sort by Relevance: high to low

[Select all](#) | [Export all](#) | [Export selected](#)

☐  **Antibiotics for sore throat**
Anneliese Spinks , Paul P Glasziou and Chris B Del Mar
Online Publication Date: November 2013

[Cm](#) [Review](#)

☐  **Corticosteroids as standalone or add-on treatment for sore throat**
Gail Hayward , Matthew J Thompson , Rafael Perera , Paul P Glasziou , Chris B Del Mar and Carl J Heneghan
Online Publication Date: October 2012

[Cm](#) [Review](#)

☐  **Different antibiotic treatments for group A streptococcal pharyngitis**
Mieke L van Driel , An IM De Sutter , Natalija Keber , Hilde Habraken and Thierry Christiaens
Online Publication Date: April 2013

[Ns](#) [Review](#)

☐  **Delayed antibiotics for respiratory infections**
Geoffrey KP Spurling , Chris B Del Mar , Liz Dooley , Ruth Foxlee and Rebecca Farley
Online Publication Date: April 2013

[Ns](#) [Review](#)

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書目資訊

Intervention Review

Antibiotics for sore throat

Anneliese Spinks^{1,*}, Paul P Glasziou²,
Chris B Del Mar²

Editorial Group: [Cochrane Acute
Respiratory Infections Group](#)

Published Online: 5 NOV 2013

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DOI: 10.1002/14651858.CD000023.pub4

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Author Information

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Abstract

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Background

Sore throat is a common reason for people to present for medical care. Although it remits spontaneously, primary care doctors commonly prescribe antibiotics for it.

Objectives

To assess the benefits of antibiotics for sore throat for patients in primary care settings.



檢索範例



情境分析

情境:

四十五歲男性，事業有成，父親過去因急性心肌梗塞猝死，因此一直注重養生不抽菸。定期接受健康檢查:沒有高血壓、糖尿病或高血脂。最近哥哥突然又發生急性心肌梗塞接受緊急心導管治療救回來。這些親人狀況令他非常焦慮，在安排例行健康檢查時，問了一連串的問題:有沒有什麼檢查可以讓他及早預防類似狀況？聽說深海魚油可以預防心血管疾病，真的嗎？聽說降血脂藥也可以預防心血管疾病，但又聽說吃降血脂藥會增加糖尿病的風險及造成腎臟病，真的嗎？那平常多吃些通血管的藥有沒有幫忙????

取自北榮實證醫學中心何主任案例



情境分析

情境分析:

四十五歲男性，事業有成，**父親**過去因急性心肌梗塞猝死，因此一直注重養生不抽菸。定期接受健康檢查:沒有高血壓、糖尿病或高血脂。最近**哥哥**突然又發生**急性心肌梗塞**接受緊急心導管治療救回來。這些親人狀況令他非常**焦慮**，在安排例行健康檢查時，問了一連串的問題:有沒有什麼檢查可以讓他及早預防類似狀況？聽說深海魚油可以預防心血管疾病，真的嗎？聽說降血脂藥也可以預防心血管疾病，但又聽說吃降血脂藥會增加**糖尿病**的風險及造成**腎臟病**，真的嗎？那平常多吃些通血管的藥有沒有幫忙????

取自北榮實證醫學中心何主任案例



情境分析、形成問題

形成問題:

- 四十五歲男性，急性心肌梗塞家族史(+)，不抽菸、沒有高血壓、糖尿病或高血脂、糖尿病或高血脂。焦慮(A型個性) [**高/中/低心血管疾病風險族群?**]。
- [什麼]檢查可以及早預防類似狀況？篩檢或確診？
- 深海魚油可預防心血管疾病？fish oil或特別成分
- 降血脂藥可預防心血管疾病，但會增加糖尿病及造成腎臟病？statin, niacin or fibrate; Therapy vs harm
- 通血管的藥有沒有幫忙？aspirin, 銀杏(Ginkgo), plavix



P.I.C.O.

P	四十五歲男性，急性心肌梗塞家族史，急性心肌梗塞家族史(+)，A型個性[中度心血管疾病風險族群]			
Type of Q	Diagnostic	Therapy	Interventions	
I	MDCT	深海魚油	statin	Aspirin
C	ETT	- / healthy life style	- / healthy life style	- / healthy life style
O	Survey for CAD (high sensitivity)	Decrease risk of CVD	Decrease risk of CVD	Decrease risk of CVD

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 Lee Hooper , Roger A Harrison , Carolyn D Summerbell , Helen Moore , Helen V Worthington , Andrew Ness , Nigel Capps , George Davey Smith , Rudolph Riemersma and Shah Ebrahim
 Online Publication Date: October 2004

- ☐ ☐ **Omega-3 polyunsaturated fatty acids (PUFA) for type 2 diabetes mellitus**
 Janine Hartweg , Rafael Perera , Victor M Montori , Sean F Dinneen , Andrew HAWN Neil and Andrew J Farmer
 Online Publication Date: January 2008

- ☐ ☐ **Reduced or modified dietary fat for preventing cardiovascular disease**
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Intervention Review

Omega 3 fatty acids for prevention and treatment of cardiovascular disease

Lee Hooper^{1,*}, Roger A Harrison², Carolyn D Summerbell³, Helen Moore³, Helen V Worthington⁴, Andrew Ness⁵, Nigel Capps⁶, George Davey Smith⁷, Rudolph Riemersma⁸, Shah Ebrahim⁹

Editorial Group: [Cochrane Heart Group](#)

Published Online: 18 OCT 2004

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DOI: 10.1002/14651858.CD003177.pub2

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Abstract

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Background

It has been suggested that omega 3 (W3, n-3 or omega-3) fats from oily fish and plants are beneficial to health.

Objectives



Abstract

Background

It has been suggested that omega 3 (W3, n-3 or omega-3) fats from oily fish and plants are beneficial to

Objectives

To assess whether dietary or supplemental omega 3 fatty acids alter total mortality, cardiovascular events or cancers using both RCT and cohort studies.

Search methods

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Date:

Authors' conclusions

It is not clear that dietary or supplemental omega 3 fats alter total mortality, combined cardiovascular events or cancers in people with, or at high risk of, cardiovascular disease or in the general population. There is no evidence we should advise people to stop taking rich sources of omega 3 fats, but further high quality trials are needed to confirm suggestions of a protective effect of omega 3 fats on cardiovascular health.

There is no evidence of a difference in effectiveness according to fish or plant sources, dietary or supplemental sources, dose or duration of treatment.

Plain language summary

There is not enough evidence to say that people should stop taking rich sources of omega 3 fats, but further high quality trials are needed to confirm the previously suggested protective effect of omega 3 fats for those at increased cardiovascular risk

The review shows that it is not clear whether dietary or supplemental omega 3 fats (found in oily fish and some vegetable oils) alter total deaths, cardiovascular events (such as heart attacks and strokes) or cancers in the general population, or in people at risk of, or with, cardiovascular disease. When the analysis was limited to fish-based or plant-based, dietary or supplemental omega 3 fats there was still no evidence of reduction in deaths or cardiovascular events in any group.

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Abstract

Plain language summary

Résumé scientifique

Résumé simplifié

アブストラクト

摘要

摘要

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背景

歐米加3脂肪酸用於預防及治療心血管疾病

目前認為來自多油的魚類和植物的歐米加3(W3, n-3或歐米加-3)脂類對健康有益。

目標

以隨機分配試驗及世代研究來評估飲食中或補充的

目前已有3500多篇中文摘要正式上線

搜尋策略

搜尋包含CENTRAL、MEDLINE和EMBASE在內的五個資料庫，時間到2002年2月。沒有施行語言的限制。參考文獻也進行查核並聯絡作者。

選擇標準

對歐米加3的攝取或建議進行隨機分派且除去干擾因素之隨機分配試驗，試驗期間至少6個月。需追蹤至少6個月的世代研究才涵括在內，並進行歐米加3攝取量的預估。

資料收集與分析

對試驗進行加入及資料擷取的評估，試驗品質則獨立地評估兩次。分別對隨機分配試驗及世代研究的資料進行統合分析。

主要結論

共涵括48個隨機分配試驗(36,913個參加者)和41個世代分析。試驗的集合結果並無法顯示額外攝取歐米加3脂類者可減少總死亡率或合併的心血管事件之風險(具有顯著的統計上異質性)。敏感性分析僅涵括那些偏差風險低的試驗，可減少異質性但仍舊暗示歐米加3脂類沒有顯著效果。將分析的範圍侷限於魚類來的歐米加3脂類或短鏈歐米加3脂類量較高的試驗仍無法顯示這兩者對死亡率或心血管事件有顯著影響。飲食建議或額外補充、心血管疾病的基準風險或歐米加3脂類劑量的次族群分析顯示這些因素對主要終點沒有明確的影響。歐米加3脂類攝取量高者的隨機分配試驗或世代研究都沒有顯示會增加癌症的相對風險，但因為劑量的估計並不準確，所以無法排除對臨床有重要影響。

作者結論

目前並不清楚飲食中或額外補充歐米加3脂類對於已患有或罹患心血管疾病風險高者或一般人口是否可以降低總死亡率、合併的心血管事件或癌症的風險。目前沒有證據顯示吾人應建議民眾停止攝取富含歐米加3脂類來源的物質，但需要更進一步的高品質試驗來確定歐米加3脂類對心血管健康有保護性效果。目前沒有明確證據顯示不同來源(魚類或植物)、不同補充方式(飲食中或額外補充)、不同劑量或是否有安慰劑做比較對於歐米加3脂類的效果有影響。

翻譯人

本摘要由臺北榮民總醫院陳國維翻譯。

此翻譯計畫由臺灣國家衛生研究院(National Health Research Institutes, Taiwan)統籌。

總結

目前沒有足夠的證據可以支持民眾應該停止攝取富含歐米加3脂類來源的物質，但需要進一步高品質的試驗來確認原先認為對心血管疾病風險較



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謹此感謝所有支持與贊助此考科藍文獻回顧翻譯計畫的所有機關團體。

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| 4 以鏡像治療（mirror therapy）改善中風後的運動功能 | 14 慢性阻塞性肺病的呼吸道清除技術 |
| 5 與難治梭狀芽胞桿菌（Clostridium difficile）相關之成人腹瀉的抗生素治療 | 15 donepezil對因阿茲海默症而有輕微、中度與嚴重失智的民眾有益 |



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Omega 3 fatty acids for prevention and treatment of cardiovascular disease

Lee Hooper^{1,*}, Roger A Harrison², Carolyn D Summerbell³, Helen Moore³, Helen V Worthington⁴, Andrew Ness⁵, Nigel Capps⁶, George Davey Smith⁷, Rudolph Riemersma⁸, Shah Ebrahim⁹

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Background

It has been suggested that omega 3 (W3, n-3 or omega-3) fats from oily fish and plants are beneficial to health.

Objectives

To assess whether dietary or supplemental omega 3 fatty acids alter total mortality, cardiovascular events or cancers using both RCT and cohort studies.

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Intervention Review

Omega 3 fatty acids for prevention and treatment of cardiovascular disease

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Background

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Since the suggestion by Bang (Bang 1972; Bang 1976), that the abundance of omega 3 fatty acids in the diet of the Greenland Eskimos was responsible for their low mortality from ischaemic heart disease, there has been considerable interest in the protective role and possible mechanism of action of marine unsaturated fats. This interest has spread to encompass plant oils rich in omega 3 fatty acids, including flax (linseed) and rapeseed (canola) oils (Nettleton 1991), their derivatives (e.g. margarines) and purslane leaves (Simopoulos 1992). Omega 3 fats (also called Ω3 or n-3 fats) from fish sources include eicosapentaenoic acid (EPA or 20:5), docosahexaenoic acid (DHA, 22:6) and docosapentaenoic acid (DPA, 22:5), and are the longer chain omega 3 fats.

Alpha-linolenic acid (ALA or α-linolenic, 18:3) is the shorter chain omega 3 fat from plants (also found in grass fed meats), which is partially converted to longer chain omega 3 fatty acids within our bodies. There is some debate about the effectiveness of this conversion, which may differ depending on other dietary factors (Li 1999; Pawlosky 2001) and whether assessed over short or long term. For this reason the effectiveness of ALA may differ from that of the longer chain omega 3 fats.

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詳細文件分析及附錄

Comparison 1. Steroids versus control

Outcome or subgroup title	No. of studies	No. of participants	Statistical method	Effect size
1 28-day all-cause mortality	20	2384	Risk Ratio (M-H, Random, 95% CI)	0.87 [0.74, 1.01]
1.1 Randomized controlled trials	17	2138	Risk Ratio (M-H, Random, 95% CI)	0.84 [0.71, 1.00]
1.2 Quasi randomized controlled trials	3	246	Risk Ratio (M-H, Random, 95% CI)	1.05 [0.69, 1.58]
2 all-cause mortality by subgroup based on mortality date	17			
2.1 Studies reporting 28-day mortality	14			
2.2 Studies reporting only 14-day mortality	3			
3 28-day all-cause mortality by subgroups based on treatment dose/duration	19			
3.1 Long course of low dose corticosteroids	12			
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APPENDICES

Appendix 1. Search strategy for CENTRAL, *The Cochrane Library*

- #1 MeSH descriptor sepsis explode all trees
- #2 MeSH descriptor shock, septic explode all trees
- #3 steroid* in All Text
- #4 (sepsis in All Text or (septic in All Text and shock in All Text))
- #5 (#1 or #2 or #3 or #4)
- #6 MeSH descriptor Adrenal Cortex Hormones explode all trees
- #7 corticosteroid* in All Text
- #8 (#6 or #7)
- #9 (#5 and #8)

Appendix 2. Search strategy for Medline (Ovid SP)

- 1. exp Sepsis/
- 2. exp Shock, Septic/
- 3. (sepsis or septic shock).mp.
- 4. 1 or 2 or 3
- 5. exp Adrenal Cortex Hormones/
- 6. (corticosteroid* or steroid*).mp.
- 7. 6 or 5
- 8. 4 and 7
- 9. ((randomized controlled trial or controlled clinical trial).pt. or randomized.ab. or placebo.ab. or clinical trials as topic.sh. or randomly.ab. or trial.ti.) not (animals n. humans or animals)
- 10. 8 and 9



References

References to studies included in this review

該文所參考的文獻

Almallah 1998 {published and unpublished data}

Almallah YZ, Ewen SW, El Tahir A, Mowat NA, Brunton PW, Sinclair TS, Heys SD, Eremin O. (1998) n-3 polyunsaturated fatty acids (n-3 PUFAs): the mucosal effect in situ. [J Clin Immunol](#) 2000 Jan;20(1):68-76. [CrossRef](#), [PubMed](#), [CAS](#), [Web of Science](#)

Almallah YZ, Ewen SW, Mowat NA, Brunton PW, Sinclair TS, Heys SD, Eremin O. (1998) n-3 polyunsaturated fatty acids (n-3 PUFAs): the mucosal effect in situ. [Surgery](#) 1998;85:690-1. [Web of Science® Times Cited: 2](#)

Almallah YZ, O'Hanrahan T, Richardson J. (1998) n-3 polyunsaturated fatty acids (n-3 PUFAs): the treatment of patients with distal proctocolitis. [J Clin Immunol](#) 2000 Jan;20(1):68-76.

Almallah YZ, O'Hanrahan T, Richardson J. (1998) n-3 polyunsaturated fatty acids (n-3 PUFAs): the treatment of patients with distal proctocolitis. [J Clin Immunol](#) 2000 Jan;20(1):68-76.

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Abstract

J Clin Immunol. 2000 Jan;20(1):68-76.

Distal proctocolitis and n-3 polyunsaturated fatty acids (n-3 PUFAs): the mucosal effect in situ.

Almallah YZ¹, Ewen SW, El-Tahir A, Mowat NA, Brunt PW, Sinclair TS, Heys SD, Eremin O.

Author information

Abstract

It has been postulated that patients with ulcerative colitis (UC) have altered reactivity of gut-associated lymphoid tissue. In such cases there is intense infiltration of the mucosa with immune competent cells and associated tissue damage. We have shown previously that the dietary supplementation with the n-3 polyunsaturated fatty acids (n-3 PUFAs), eicosapentaenoic acid (EPA), and docosahexaenoic acid (DHA) results in significant systemic immune suppression. The aim of this study, therefore, was to evaluate the in situ effect of n-3 PUFAs on distal proctocolitis. Each patient received either fish oil extract (EPA 3.2 g, DHA 2.4 g) (n = 9) or sunflower oil (n = 9) daily in a double blind manner for six months. Monthly assessment included: (1) disease activity using clinical, sigmoidoscopic, and histological scores and (2) immunohistochemical analysis (immunoglobulins, CD profiles) of rectal biopsy specimens (before and after six months supplementation) using monoclonal antibodies and quantitative computer-assisted video image analysis. Prior to receiving supplementation, patients with proctocolitis (n = 18) showed significantly higher numbers of cells expressing CD3 (pan T cells) and HLA-DR and IgM containing cells compared with non-colitic controls (n = 8). Six months supplementation with n-3 PUFAs resulted in significant reduction in the number of cells expressing CD3 and HLA and the percentage of cells containing IgM. There was no significant change in the CD20 nor the percentage of IgG or IgA containing cells in either group of patients with procto-colitis. In patients receiving n-3 PUFA supplementation, there was improvement in the disease activity and histological scores, compared with pretreatment evaluation. This study has demonstrated both evidence of suppression of in situ immune reactivity and concurrent reduction in disease activity in patients with proctocolitis receiving n-3 PUFA supplementation. This may have important implication for therapy in patients with ulcerative colitis.

PMID: 10798610 [PubMed - indexed for MEDLINE]

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Related citations in PubMed

Distal procto-colitis and n-3 polyunsaturated [Eur J Clin Invest. 2000]

Dietary supplementation with eicosapentaenoic [Am J Clin Nutr. 2001]

Distal procto-colitis, natural cytotoxicity, and essential fatty acids [Am J Gastroenterol. 1998]

Review The effects of dietary n-3 polyunsaturated fatty acids [Proc Nutr Soc. 1998]

Review Marine polyunsaturated fatty acids and cancer risk [Br J Cancer. 2013]

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DOI: 10.1002/14651858.CD003177.pub2

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Current Version

Omega 3 fatty acids for prevention and treatment of cardiovascular disease

Lee Hooper, Roger A Harrison, Carolyn D Summerbell, Helen Moore, Helen V Worthington, Andrew Ness, Nigel Capps, George Davey Smith, Rudolph Riemersma and Shah Ebrahim

Article first published online: 18 OCT 2004 | DOI: 10.1002/14651858.CD003177.pub2

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Omega-3 fatty acids for prevention of cardiovascular disease

L Hooper, R Thompson, R Harrison, C Summerbell, J Higgins, A Ness, N Capps, Smith G Davey, R Riemersma and S Ebrahim

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Intervention Review

Systems for routine surveillance in people with diabetes mellitus

Simon J Griffin^{1,*}, Ann-Louise Kinmonth²

Database Title

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Published Online: 21 JAN 2009

Assessed as up-to-date: 30 DEC 1996

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大綱

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- 二、介面介紹
- 三、利用PICO檢索_又快又準
- 四、利用Mesh Term檢索_聰明不遺漏
- 五、利用Search Manager_策略化檢索
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MeSH search

※請善用此檢索方式

MeSH Search

美國國家醫學圖書館 (National Library of Medicine ; 簡稱NLM) 於1954年首次正式出版標題表*Subject Heading Authority List*

1960年改由*Index Medicus*發行，全新的醫學標題表 (Medical Subject Headings ; 簡稱MeSH) 也隨之出版。

MeSH是NLM用以分析生物醫學方面之期刊文獻、圖書、視聽資料、電子資源等資源的主題內容之控制語彙表，亦為NLM出版之MEDLINE/PubMED資料庫主題檢索的索引典。

Search

Search Manager

Medical Terms (MeSH)

Browse

Heart Failure

1

Select subheadings / qualifiers

Lookup

Clear

[Search Help](#)

輸入預查詢的關鍵字
例如:心臟衰竭

...the heart is unable to pump out sufficient blood to meet the metabolic need of the body. Heart failure can be caused by structural defects, functional abnormalities (VENTRICULAR DYSFUNCTION), or a sudden overload beyond its capacity. Chronic heart failure is more common than acute heart failure which results from sudden insult to cardiac function, such as MYOCARDIAL INFARCTION.

Thesaurus matches

Exact Term Match

Heart Failure

Phrase Matches

Heart Failure

Synonyms: Cardiac Failure; Heart Decompensation; Decompensation, Heart; Heart Failure, Right-Sided; Heart Failure, Right Sided; Right-Sided Heart Failure; Right Sided Heart Failure; Myocardial Failure; Congestive Heart Failure; Heart Failure, Congestive; Heart Failure, Left-Sided; Heart Failure, Left Sided; Left-Sided Heart Failure; Left Sided Heart Failure.

Heart Failure, Systolic

Synonyms: Heart Failures, Systolic; Systolic Heart Failures; Systolic Heart Failure.

Heart Failure, Diastolic

Synonyms: Diastolic Heart Failures; Heart Failures, Diastolic; Diastolic Heart Failure.

MeSH trees

MeSH term - Heart Failure

- ☒ Explode all trees
- ☐ Single MeSH term (unexploded)
- ☐ Explode selected trees

Select

Use the checkbox next to each tree to explode selected trees

☒ **Tree Number 1**

Cardiovascular Diseases [+5]

Heart Diseases [+24]

Arrhythmias, Cardiac [+14]

Carcinoid Heart Disease

Cardiac Output, Low

Cardiac Tamponade

Endocarditis [+2]

Heart Aneurysm

Heart Arrest [+2]

Heart Defects, Congenital [+26]

Cardiomegaly [+3]

Heart Failure [+5]

Dyspnea, Paroxysmal

2

點選Lookup

Search results

There are 1 results for your search.

- MeSH descriptor: [Heart Failure]
- explode all trees

Save search

[Add to Search Manager](#)

3

Cochrane Reviews	26
Other Reviews	416
Trials	4964
Methods Studies	0
Technology Assessments	149
Economic Evaluations	212
Cochrane Groups	0

View Results

顯示在各個子資料庫中所查詢到的筆數，以Cochrane Review來說，查詢到了26筆“心臟衰竭”的相關資料

Heart Failure

1

[Search Help](#)

Definition

Heart Failure - A heterogeneous condition in which the heart is unable to pump out sufficient blood to meet the metabolic need of the body. Heart failure can be caused by structural defects, functional abnormalities (VENTRICULAR DYSFUNCTION), or a sudden overload beyond its capacity. Chronic heart failure is more common than acute heart failure which results from sudden insult to cardiac function, such as MYOCARDIAL INFARCTION.

Thesaurus matches

Exact Term Match

Heart Failure

Phrase Matches

Congenital - CN

Diagnosis - DI

2

Diet therapy - DH

Drug therapy - DT

Lookup

Clear

3

search [Add to Search Manager](#)

Cochrane Reviews	26
Other Reviews	416
Trials	4964

如果您想要查詢的其實是治療心臟衰竭的藥物資料，就請在右邊的格子中選擇Drug therapy

Heart Failure - A heterogeneous condition in which the heart is unable to pump out sufficient blood to meet the metabolic need of the body. Heart failure can be caused by structural defects, functional abnormalities (VENTRICULAR DYSFUNCTION), or a sudden overload beyond its capacity. Chronic heart failure is more common than acute heart failure which results from sudden insult to cardiac function, such as MYOCARDIAL INFARCTION.

Thesaurus matches

Exact Term Match

Heart Failure

Phrase Matches

Heart Failure

Synonyms: Cardiac Failure; Heart Failure; Heart Failure, Decompensation; Decompensation; Heart Failure, Right-Sided; Heart Failure, Right-Sided Heart Failure; Right-Sided Heart Failure; Myocardial Failure; Congestive Heart Failure; Heart Failure, Congestive; Heart Failure, Left-Sided; Heart Failure, Left Sided; Left-Sided Heart Failure; Left Sided Heart Failure.

MeSH trees

MeSH term - Heart Failure

☒ Explode all trees

Select

右下方就會顯示在各個子資料庫中所查詢到的筆數，以Cochrane Review來說，查詢到了13筆關於治療“心臟衰竭”的藥物資料

Arrhythmias, Cardiac [+14]
Carcinoid Heart Disease
Cardiac Output, Low
Cardiac Tamponade
Endocarditis [+2]

There are **2795** results for your search on

- MeSH descriptor: [Heart Failure]
- explode all trees
- with qualifier(s) Drug therapy

Save search [Add to Search Manager](#)

4

Cochrane Reviews	13
Other Reviews	101
Trials	2611
Methods Studies	0
Technology Assessments	6
Economic Evaluations	64
Cochrane Groups	0

5

點選View Results

View Results

All Results (2795)

☒ Cochrane Reviews (13)

☒ All

☐ Review

☐ Protocol

☐ Other Reviews (101)

☐ Trials (2611)

☐ Methods Studies (0)

☐ Technology Assessments (6)

☐ Economic Evaluations (64)

☐ Cochrane Groups (0)

☒ All

☐ Current Issue

Me Methodology

Dx Diagnostic

Ov Overview

Cc Conclusions changed

Ns New search

Mc Major change

Up Update

Wd Withdrawn

Cm Comment

就會直接跳轉到查詢的結果，以
Cochrane Review來說，頁面中列出
所查詢到的**13筆title**，是關於治
療“心臟衰竭”的可用藥物資料(紅色
框框)，可做為醫療人員使用的參考

[Heart Failure] explode all trees and with

Sort by Relevance: high to low

  **Creatine and creatine analogues in hypertension and cardiovascular disease**
Deborah L Horjus , Inge Oudman , Gert A van Montfrans and Lizzy M Brewster
Online Publication Date: November 2011

Review

  **Digitalis for treatment of heart failure in patients in sinus rhythm**
William B Hood, Jr. , Antonio L Dans , Gordon H Guyatt , Roman Jaeschke and John JV McMurray
Online Publication Date: April 2014

Ns

Review

  **Angiotensin receptor blockers for heart failure**
Balraj S Heran , Vijaya M Musini , Ken Bassett , Rod S Taylor and James M Wright
Online Publication Date: April 2012

Review

  **Diuretics for heart failure**
Rajaa F Faris , Marcus Flather , Henry Purcell , Philip A Poole-Wilson and Andrew JS Coats
Online Publication Date: February 2012

Cm

Review

  **Pharmacological interventions for treating heart failure in patients with Chagas cardiomyopathy**
Ricardo Hidalgo , Arturo J Martí-Carvajal , Joey SW Kwong , Daniel Simancas-Racines and Susana Nicola
Online Publication Date: November 2012

Review

  **Phosphodiesterase III inhibitors for heart failure**
Emmanuel Amsalem , Christelle Kasparian , G Haddour , Jean-Pierre Boissel and Patrice Nony
Online Publication Date: January 2005

Review

點選View Results即可觀看查詢結果

使用MeSH的好處

- 可以協助找出**精確**符合主題的資料
- 無須煩惱因縮寫、別名而遺漏相關文獻
- 使用**同義詞**也可準確查詢出相關文獻資料
- 使用MeSH Tree
 - 可以依需求擴展或縮小查詢範圍
 - 了解各醫學標題的橫向與縱向關聯
 - **MeSH Tree**可顯示標題間分類的層級關係。最上層顯示者，表示該標題詞所代表的主題意涵較廣（generic），而愈下層顯示者，則表示所代表的主題意涵愈為特異（specific）。



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1	Search	Search Manager	Medical Terms (MeSH)	Browse
	Title, Abstract, Keywords	"Child"		Go Save
	AND Title, Abstract, Keywords	"antibiotic"		Add to Search Manager
	AND Title, Abstract, Keywords	"acute otitis media"		

[Search Limits](#) [Search Help](#) (Word variations have been searched)

2

[Search](#)[Search Manager](#)[Medical Terms \(MeSH\)](#)[Browse](#)**acute otitis media**

To search an exact word(s) use quotation marks, e.g. "hospital" finds hospital; hospital (no quotation marks) finds hospital and hospitals; pay finds paid, pays, paying, payed)

[Add to top](#)

[-] [+] #1 "Child*":ti,ab,kw and "antibiotic":ti,ab,kw and "acute otitis media":ti,ab,kw (Word variations have been searched)

[S] 238

[-] Edit [+] #2 [M] [T] N/A

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Strategy Name

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	Name	Last saved	Alerts
[-] 1	acute otitis media	24/02/2015 06:09	☐
[-] 2	asthma demo - test	20/08/2014 00:39	☐

acute otitis media

To search an exact word(s) use quotation marks, e.g. "hospital" finds hospital; hospital (no quotation marks) finds hospital and hospitals; pay finds paid, pays, paying, payed)

[Add to top](#)

−

+

#1

"Child":ti,ab,kw and "antibiotic":ti,ab,kw and "acute otitis media":ti,ab,kw (Word variations have been searched)

S

238

−

Edit

+

#2

m

N/A

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[Search Help](#)

☐ Highlight orphan lines

Save existing strategy

Strategy Name

acute otitis media

[Save Strategy](#)

Comments

Save as new strategy

New strategy name

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Append this saved strategy to the current strategy

▼ Strategy Library (6)

Name

		Name	Last saved	Alerts
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Export this saved strategy

acute otitis media

To search an exact word(s) use quotation marks

; pay finds paid, pays, paying, payed)

−

+

#

"Child":ti,ab,kw and "antibiotic":ti,ab,kw and "acute otitis media":ti,ab,kw (Word variations have been searched)

S

238

Anesthesia

To search an exact word(s) use quotation marks, e.g. "hospital" finds hospital; hospital (no quotation marks) finds hospital and hospitals; pay finds paid, pays, paying, payed)

[Add to top](#)

⊖ ⊕ #1 Anesthesia and bed rest:ti,ab,kw and headache:ti,ab,kw (Word variations have been searched)

S

23

⊖

⊕

#2

m

TH

N/A

Insert a MeSH term into this row

Clear Strategy

[View tips for Search Manager](#)

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Save existing strategy

Strategy Name

Anesthesia

Save Strategy

Comments

Save as new strategy

New strategy name

Save as New Strategy

▼ Strategy Library (5)

Name

Last saved▼

⊖

1

Anesthesia

📁

📄

🔗

24/10/2012 06:45

⊖

2

cancer

📁

📄

🔗

15/10/2012 05:45

⊖

3

sore throat

📁

📄

🔗

15/10/2012 05:42

⊖

4

20120402

📁

📄

🔗

03/04/2012 10:55

⊖

5

0327

📁

📄

🔗

27/03/2012 17:12

Search

Search Manager

Medical Terms (MeSH)

Browse

Enter MeSH term

Anesthesia, General

Select MeSH qualifiers

Select subheadings / qualifiers

Lookup

[View MeSH search tips](#)

Definition

No definition

Thesaurus matches

Exact Term Match

Anesthesia, General

Phrase Matches

Anesthesia, General

Synonyms: Anesthesias, General; General Anesthesia; General Anesthesias.

Any Word Match

Anesthesia, General

Synonyms: Anesthesias, General; General

MeSH trees

MeSH term - Anesthesia, General

- ☒ Explode all trees
☐ Single MeSH term (unexploded)
☐ Explode selected trees

Select

Use the checkbox next to each tree to explode selected trees

☒ Tree Number 1

Anesthesia and Analgesia [+9]

Anesthesia [+9]

Anesthesia, Conduction [+4]

Anesthesia, Dental [+1]

Search results

There are **5191** results for your search on

- MeSH descriptor: [Anesthesia, General]
- explode all trees

Update Search Manager

Cochrane Reviews	16
Other Reviews	45
Trials	5036
Methods Studies	0
Technology Assessments	10
Economic Evaluations	84
Cochrane Groups	0

Anesthesia, General

To search an exact word(s) use quotation marks, e.g. "hospital" finds hospital; hospital (no quotation marks) finds hospital and hospitals; pay finds paid, pays, paying, paid)

Add to top

		#1	Anesthesia and bed rest:ti,ab,kw and headache:ti,ab,kw (Word variations have been searched)		23
		#2	MeSH descriptor: [Anesthesia, General] explode all trees		5191
		#3	#1 and #2		1
		#4			N/A

Clear Strategy

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☐ Highlight orphan lines

Save existing strategy

Strategy Name

Anesthesia

Save Strategy

Comments

Save as new strategy

New strategy name

Anesthesia, General

Save as New Strategy

▼ Strategy Library (6)

		Name				Last saved▼
	1	Anesthesia, General				24/10/2012 06:53



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- 二、介面介紹
- 三、利用PICO檢索_又快又準
- 四、利用Mesh Term檢索_聰明不遺漏
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Simone Mocellin, Sandro Pasquali

6 February 2015

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Diana V Do, Xue Wang, Satyanarayana S Vedula, Michael Marrone, Gina Sleilati, Barbara S Hawkins, Robert N Frank

31 January 2015

Controlled cord traction for the third stage of labour

G Justus Hofmeyr, Nolundi T Mshweshwe, A Metin Gülmezoglu

29 January 2015

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4

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Browse



Title, Abstract, Keywords



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登入後可以使用的 個人化功能

Title, Abstract, Keywords

children

Go

Save

AND

Title, Abstract, Keywords

antibiotic

[Add to Search Manager](#)

AND

Title, Abstract, Keywords

"acute otitis media"

View search tips (Word variations have been searched)

[Search Limits](#)

1. Export Citation 匯出書目

Cochrane Reviews (11)

All

Review

Protocol

Other Reviews (8)

Trials (186)

Methods Studies (11)

Technology
Assessments (0)

Economic Evaluations (4)

Cochrane Groups (0)

All

Current Issue

Me Methodology

Dg Diagnostic

Ov Overview

Cc Conclusions changed

There are 11 results from 7481 records for your search on 'children in title abstract keywords and antibiotic in title abstract keywords and "acute otitis media" in title abstract keywords in Cochrane Reviews'

Sort by Relevance

Select all | Export all | Export selected

☒ Grommets (ventilation tubes) for recurrent acute otitis media in children
Stephen McDonald , Claire D Langton Hewer and Desmond A Nunez
June 2011☒ Antibiotics for acute otitis media
Sharon Sanders , Paul P Glasziou
September 2010☒ Antibiotics for the prevention of
Amanda J Leach and Peter S Haining
January 2011☐ Short- course antibiotics for acute otitis media
Anita L Kozyrskyj , Terry P Klassen , Michael Moffatt and Krystal Harvey
August 2012

Ns

Review

Review

Ns

Review

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File type: Citation And Abstract

Export Citation

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類型: 文字文件

從: onlinelibrary.wiley.com.rpa.lib.ym.edu.tw

開啟舊檔(O)

儲存(S)

取消

Title, Abstract, Keywords

children

Go

Save

AND Title, Abstract, Keywords

antibiotic

[Add to Search Manager](#)

AND Title, Abstract, Keywords

"acute otitis media"

View search tips (Word variations have been searched)

[Search Limits](#)

1. Export Citation 匯出書目

Cochrane Reviews (11)

There are 11 results from 7481 records for your search on 'children in title abstract keywords and antibiotic in title abstract keywords and "acute otitis media" in title abstract keywords in Cochrane Reviews'

All

Review

Protocol

Sort by Relevance

1

Select all | Export all | Export selected

Other Reviews (8)

Trials (186)

Methods Studies (11)

Technology
Assessments (0)

Economic Evaluations (4)

Cochrane Groups (0)

All

Current Issue

Me Methodology

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☒ Grommets (ventilation tubes) for recurrent acute otitis media in children
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January 2011☐ Short- course antibiotics for acute otitis media
Anita L Kozyrskyj , Terry P Klassen , Michael Moffatt and Krystal Harvey
August 2012

Ns

Review

Review

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Review

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APA 6th

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Imported References (3)

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OhioLINK (0)

PubMed (NLM) (0)

U Complutense de Ma... (0)

Web of Science (TS) (0)

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Author	Title	Year	Journal/Secondary Title	Reference Type	URL
Leach Amanda, ...	Antibiotics for the prevention of acute and ch...	2006	Cochrane Database of S...	Electronic Article	http://onlinelibrary.wile...
McDonald, Step...	Grommets (ventilation tubes) for recurrent a...	2008	Cochrane Database of S...	Electronic Article	http://onlinelibrary.wile...
Sanders, Sharon...	Antibiotics for acute otitis media in children	2004	Cochrane Database of S...	Electronic Article	http://onlinelibrary.wile...

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Leach Amanda, J., & Morris Peter, S. (2006). Antibiotics for the prevention of acute and chronic suppurative otitis media in children. *Cochrane Database of Systematic Reviews*, (4).
<http://onlinelibrary.wiley.com/doi/10.1002/14651858.CD004401.pub2/abstract> doi:10.1002/14651858.CD004401.pub2

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- Other Reviews
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Intervention Review

Antibiotics for sore throat

Anneliese Spinks², Paul P Glasziou³, Chris B Del Mar^{1,*}

Database Title

The Cochrane Library

Editorial Group: Cochrane Acute Respiratory Infections Group

Published Online: 17 MAR 2010

Assessed as up-to-date: 17 MAY 2011

DOI: 10.1002/14651858.CD000023.pub3

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Intervention Review
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Published Online : 17 MAR 2010, DOI: 10.1002/14651858.CD000023.pub3
Abstract Full Article (HTML) PDF(666K) References | ARTICLE |
| ☐ | Antibiotics for acute otitis media in children
Intervention Review
THE COCHRANE LIBRARY
Sharon Sanders, Paul P Glasziou, Chris B Del Mar and Maroeska M Rovers
Published Online : 20 JAN 2010, DOI: 10.1002/14651858.CD000219.pub2
Abstract Full Article (HTML) PDF(420K) References | ARTICLE |

1

2

3

4

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3.Saved Searches 儲存檢索策略

Search Manager interface showing a search query and the 'Save' button.

Search: Title, Abstract, Keywords children

AND Title, Abstract, Keywords antibiotic

AND Title, Abstract, Keywords "acute otitis media"

Go Save

Add to Search Manager

▼ Saved Searches (13)

Name	Last saved	Alerts
1 children in title abstract keywords and antibiotic in title abstract keywords and "acute otitis media" in title abstract keywords (Word variations have been searched)	26/12/2012 06:13	☒

Load this saved search
將此檢索策略顯示出來

Search Manager interface showing the loaded search query.

Search: Title, Abstract, Keywords children

AND Title, Abstract, Keywords antibiotic

AND Title, Abstract, Keywords "acute otitis media"

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20121226_children_in_tit_5597274694341974675[1].txt - 記事本

檔案(F) 編輯(E) 格式(O) 檢視(V) 說明(H)

Search Name: children in title abstract keywords and antibiotic in title abstract keywords and "acute otitis media" in title abstract keywords (Word variations have been searched)

Last Saved: 26/12/2012 06:13:23.688

ID Search

#1 children:ti,ab,kw and antibiotic:ti,ab,kw and "acute otitis media":ti,ab,kw (Word variations have been searched)

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3 Cochrane Saved Searches (13)
Cochrane Saved Medical Term (MeSH) Searches (1)
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Other Reviews

☐ Cochrane Reviews (11)

☒ All

☐ Review

☐ Protocol

☒ Other Reviews (8)

☐ Trials (186)

☐ Methods Studies (11)

☐ Technology
Assessments (0)

☐ Economic Evaluations (4)

☐ Cochrane Groups (0)

Me Methodology

Dg Diagnostic

Ov Overview

Cc Conclusions changed

Ns New search

Mc Major change

Up Update

Wd Withdrawn

Cm Comment

There are 8 results from 18306 records for your search on 'children in title abstract keywords and antibiotic in title abstract keywords and "acute otitis media" in title abstract keywords in Other Reviews'

Sort by Relevance ▼

[Select all](#) | [Export all](#) | [Export selected](#)

☐ [Are antibiotics indicated as initial treatment for children with acute otitis media : a meta- analysis \(Brief record\)](#)
Centre for Reviews and Dissemination
Original Author(s): DelMar C , Glasziou P and Hayem M
BMJ, 1997, 314:1526

☐ [Evidence assessment of management of acute otitis media - I. The role of antibiotics in treatment of uncomplicated acute otitis media \(Structured abstract\)](#)
Centre for Reviews and Dissemination
Original Author(s): Takata G S , Chan L S , Shekelle P , Morton S C , Mason W and Marcy S M
Pediatrics, 2001, 108(2), 239-247

☐ [Efficacy of short course \(<4 days\) of antibiotics for treatment of acute otitis media in children : a systematic review of randomized controlled trials \(Structured abstract\)](#)
Centre for Reviews and Dissemination
Original Author(s): Gulani A , Sachdev HP and Qazi SA
Indian Pediatrics, 2010, 47(1), 74-87

☐ [Antibiotic therapy to prevent the development of asymptomatic middle ear effusion in children with acute otitis media : a meta-analysis of individual patient data \(Structured abstract\)](#)
Centre for Reviews and Dissemination
Original Author(s): Koopman L , Hoes AW , Glasziou PP , Appelman CL , Burke P , McCormick DP , Damoiseaux RA , LeSaux N and Rovers MM
Archives of Otolaryngology Head and Neck Surgery, 2008, 134(2), 128-132

☐ [Antibiotics for acute otitis media : a meta- analysis with individual patient data \(Structured abstract\)](#)
Centre for Reviews and Dissemination
Original Author(s): Rovers M M , Glasziou P , Appelman C L , Burke P , McCormick D P , Damoiseaux R A , Gaboury I , Little P

Other Reviews(摘要資料)

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OTHER RESOURCES

Other Reviews Trials Methods Studies Technology Assessments Economic Evaluations

Evidence assessment of management of acute otitis media - I. The role of antibiotics in treatment of uncomplicated acute otitis media (Structured abstract)

• Authors' objectives

• Searching

• Study selection: study designs

• Study selection: specific interventions

• Study selection: participants

• Study selection: outcomes

• Study selection: how were decisions on the relevance of primary studies made?

• Validity assessment

Evidence assessment of management of acute otitis media - I. The role of antibiotics in treatment of uncomplicated acute otitis media (Structured abstract)

Centre for Reviews and Dissemination

Database of Abstracts of Reviews of Effects 2012 Issue 3
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Original article: Takata G S, Chan L S, Shekelle P, Morton S C, Mason W, Marcy S M. Evidence assessment of management of acute otitis media - I. The role of antibiotics in treatment of uncomplicated acute otitis media. *Pediatrics*. 2001;108(2):239-247. [Links](#)

< Previous

Authors' objectives

To synthesise the literature on the natural history of acute otitis media (AOM), the effectiveness of antibiotic treatment in uncomplicated AOM, and the relative effectiveness of specific antibiotic regimens.

Searching

The following sources were searched: MEDLINE from 1966 to March 1999; the Cochrane Library (to March 1999); HealthSTAR from 1975 to March 1999; International Pharmaceutical Abstracts from 1970 to March 1999; CINAHL from 1982 to March 1999; BIOSIS Previews from 1970 to March 1999; and EMBASE from 1980 to March 1999. Grey literature was identified by reviewing abstracts, reference lists in peer-reviewed and published articles. The search strategy was based on the following keywords: acute otitis media, antibiotics, and treatment. The search was conducted using the following databases: MEDLINE, Cochrane Library, HealthSTAR, International Pharmaceutical Abstracts, CINAHL, BIOSIS Previews, and EMBASE.

完成

網際網路 100%

☐ Cochrane Reviews (11)

☒ All

☐ Review

☐ Protocol

☐ Other Reviews (8)

☒ Trials (186)

☐ Methods Studies (11)

☐ Technology
Assessments (0)

☐ Economic Evaluations (4)

☐ Cochrane Groups (0)

☒ All

☐ Current Issue

Me Methodology

Dg Diagnostic

Ov Overview

Cc Conclusions changed

Ns New search

Mc Major change

Up Update

Wd Withdrawn

Cm Comment

There are 186 results from 675927 records for your search on 'children in title abstract keywords and antibiotic in title abstract keywords and "acute otitis media" in title abstract keywords in Trials'

Pages [1 - 25](#) | [26 - 50](#) | [51 - 75](#) | [76 - 100](#) | [101 - 125](#) | [Next](#)

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☐ [\[Double-blind comparative study of tebipenem pivoxil and high-dose cefditoren pivoxil in children with acute otitis media \(phase III\)\]](#)

Suzuki K , Baba S , Totsuka K , Hori S , Ubukata K , Nakashima M and Sunakawa K
Japanese Journal of Chemotherapy, 2009, 57(Suppl 1), 167

☐ [\[Usefulness of fenspiride in the treatment of acute otitis media in children \]](#)

Zielnik-Jurkiewicz B and Jurkiewicz D
Polski merkuriusz lekarski : organ Polskiego Towarzystwa Lekarskiego, 2005, 18(108), 624

☐ [Outcome-oriented managed care comparing efficacies of cefaclor and amoxicillin in acute and recurrent acute otitis media](#)

Perry B P , Zieno S A , Yonkers A J and Moore G F
Ear Nose Throat J, 1995, 74(12), 840

☐ [Change in nasopharyngeal carriage of Streptococcus pneumoniae resulting from antibiotic therapy for acute otitis media in children .](#)

Cohen R , Bingen E , Varon E , de LaRocque F , Brahimi N , Levy C , Boucherat M , Langue J and Geslin P
The Pediatric infectious disease journal, 1997, 16(6), 555

☐ [Parent satisfaction OK with no treatment of otitis.](#)

Anonymous
Journal of Family Practice, 2005, 54(9), 754

☐ [Recurrence up to 3.5 years after antibiotic treatment of acute otitis media in very young Dutch children : survey of trial participants.](#)

Bezáková N , Damoiseaux RA , Hoes AW , Schilder AG and Rovers MM
BMJ (Clinical research ed.), 2009, 338, b2525

Trials (書目資料)

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Title	Outcome-oriented managed care comparing efficacies of cefaclor and amoxicillin in acute and recurrent acute otitis media	Links	Export
Author(s)	Perry B P, Zieno S A, Yonkers A J, Moore G F		
Source	Ear Nose Throat J		
Date of Publication	1995		
Volume	74		
Issue	12		
Pages	840-4		
Abstract	A study utilizing outcome-oriented cure is employed to show the effectiveness of a given medical treatment. A specific patient population is studied in order to determine the most effective treatment for a common clinical disorder. A total of 201 children were retrospectively studied to evaluate the efficacy and side effects of amoxicillin and cefaclor in the treatment of acute otitis media and recurrent acute otitis media. There were 456 episodes of acute otitis media; 245 episodes were treated with amoxicillin with an efficacy of 91%, while 211 episodes were treated with cefaclor with an efficacy of 97%. The dosage of 40 mg/kg/day, divided in three equal doses, was employed for both antibiotics in the treatment of acute otitis media, while half of this amount was given once daily for the chemoprophylaxis of recurrent acute otitis media. In the 87 courses of chemoprophylaxis with cefaclor for recurrent otitis media, the efficacy was found to be 53%; while amoxicillin was found to be effective in 30% of the 33 patients studied. There were fewer side effects noted in the cefaclor group than in the amoxicillin group (4% vs. 12%). Both drugs caused diarrhea, while cefaclor also caused a mild maculopapular rash in two patients (1.67%). While amoxicillin remains the drug of choice for acute otitis media (AOM), this study suggests that cefaclor may be a better selection in the chemoprophylaxis of recurrent acute otitis media.		
Review Group keywords	Acute Disease; Adolescence; Amoxicillin; Administration & Dosage; Adverse Effects; *Therapeutic Use; Antibiotics; Administration & Dosage; Adverse Effects; *Therapeutic Use; Cefaclor; Administration & Dosage; Adverse Effects; *Therapeutic Use; Child; Child, Preschool; Comparative Study; Ear, Middle; Physiopathology; Surgery; Human; Infant; Infant, Newborn; Middle Ear Ventilation; Otitis Media; *Drug Therapy; Physiopathology; Surgery; Recurrence; Retrospective Studies		

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