

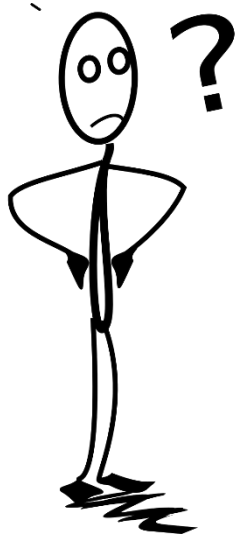


Cochrane 실천 검색

- 연구와 임상에서의 활용 -



The Cochrane Library?





What is The Cochrane Library?

The Cochrane Library는 의료분야 의사결정을 내릴 때 활용할 수 있는
고품질의 신뢰도 높은 근거(Cochrane systematic reviews, 임상시험 목록 등)를 제공.

Cochrane reviews를 작성하기 위해 사용되는 방법론들은
체계적 문헌고찰을 수행하기 위한 최고의 기준(Gold Standard)으로 여겨짐.



What is The Cochrane Library?

DB명	내 용	업데이트
CDSR The Cochrane Database of Systematic Reviews (Cochrane Reviews)	보건의료 분야의 systematic reviews를 선도하는 리소스. Cochrane 리뷰 그룹을 통해 생산된 모든 Review article 과 Review protocol 수록.	월간
CENTRAL The Cochrane Central Register of Controlled Trials (Clinical trials)	서지 데이터베이스(MEDLINE, EMBASE 등)와 기타 출판물에서 수집된 Controlled Trial 아티클의 제목, 출판정보, 초록 제공.	월간
CCA Cochrane Clinical Answers	Cochrane Systematic Review를 기초로 읽기 쉽고, 이해가 간편하며 임상에 좀 더 초점을 맞춘 접근점 을 제공.	비정기
The Cochrane Methodology Register (Methods Studies)	Controlled trials의 운영에 사용된 방법 이 기술된 저널 아티클, 도서, 컨퍼런스 프로시딩 등 출판물로부터 서지정보 제공.	Cochrane Community로 이관



What is The Cochrane Reviews?

- 특정 질병 또는 각 분야의 Health care intervention 효과를 논하기 위하여 **가능한 많은 Clinical trial**로부터 Result 를 찾아 **통계학적**으로 접근.
- 주어진 Topic에 관해 잘 알려진 Evidence 들을 열람 (대조) 함으로써 **전세계 선행 연구를 쉽게 Review**하여 중복 연구를 피할 수 있도록 함.

**Cochrane Review Article 하나하나가
검증된 전세계 생의학분야 연구의 모음**



What is The Cochrane Library? – in Clinical field

의학분야 1차자료

Case Reports
Cohort Study
RCT...

2,400여 건의 Cochrane Protocols

신뢰할 수 있는 Systematic
Review를 위한 방법론

8,000여 건의 Cochrane Review

엄격한 방법론을 적용하여
편향성이 최소화된
신뢰할 수 있는 근거

1,900여 건의 Clinical Answers

임상에 초점을 맞춰
Cochrane Review를
종합 / 요약

올바른 의학분야 의사결정

Cochrane Library 플랫폼을 통해 제공하는 **130만여 건의 Trial**,
Federated Search를 통한 **26만여 건의 Systematic Review**를 통해 보완



What is The Cochrane Library? – in Research

연구주제
선정

Clinical Answers

하나의 임상질문에 대한
관련 Cochrane Review들의 모음

Cochrane Review

선행연구 조사 및
참고문헌 점검

CENTRAL

PubMed, EMBASE,
Clinicaltrials.gov
등에서 수집한
사람 대상
Controlled Trials

효율적
참고문헌
획득

선행연구부터 최신 임상시험 현황까지
하나의 플랫폼에서 검색 가능



What is The Cochrane Library? with PubMed

2,400여 건의 Cochrane Protocols

신뢰할 수 있는 Systematic
Review를 위한 방법론

1,900여 건의 Clinical Answers

임상에 초점을 맞춰
Cochrane Review를
종합 / 요약

130만여 건의 CENTRAL

PubMed, EMBASE,
Clinicaltrials.gov
등에서 수집한
사람 대상
Controlled Trials



**The Cochrane
Library에서만
검색 가능**

8,000여 건의 Cochrane Review

엄격한 방법론을 적용하여
편향성이 최소화된
신뢰할 수 있는 근거



PubMed에서도 검색 가능



The Cochrane Collaboration

The Cochrane Collaboration 구성:

Collaborative Review Groups(CRGs):

주요 토픽들에 대해 Cochrane review를 준비하고 update하는 리뷰 그룹과 이 과정에서 그들을 support하는 그룹으로 구성.

53개의 리뷰 그룹은 Breast Cancer, Infectious Diseases 등 각각의 토픽 별로 구성.

Cochrane Centres:

전세계에 분포된 약 50여 곳의 센터는 이용자 교육, 번역사업 등 지역적, 언어적 지원 담당.

- **2009.08 고려대 근거중심 의학연구소 설립 (코크란연합 한국지부)**
- 한글화 및 국내자료 영문화 **www.cochrane.or.kr**

Fields/ Method Group / Consumer Network 등의 하부구조로 구성.

www.cochrane.org



The Cochrane Library and Systematic Review

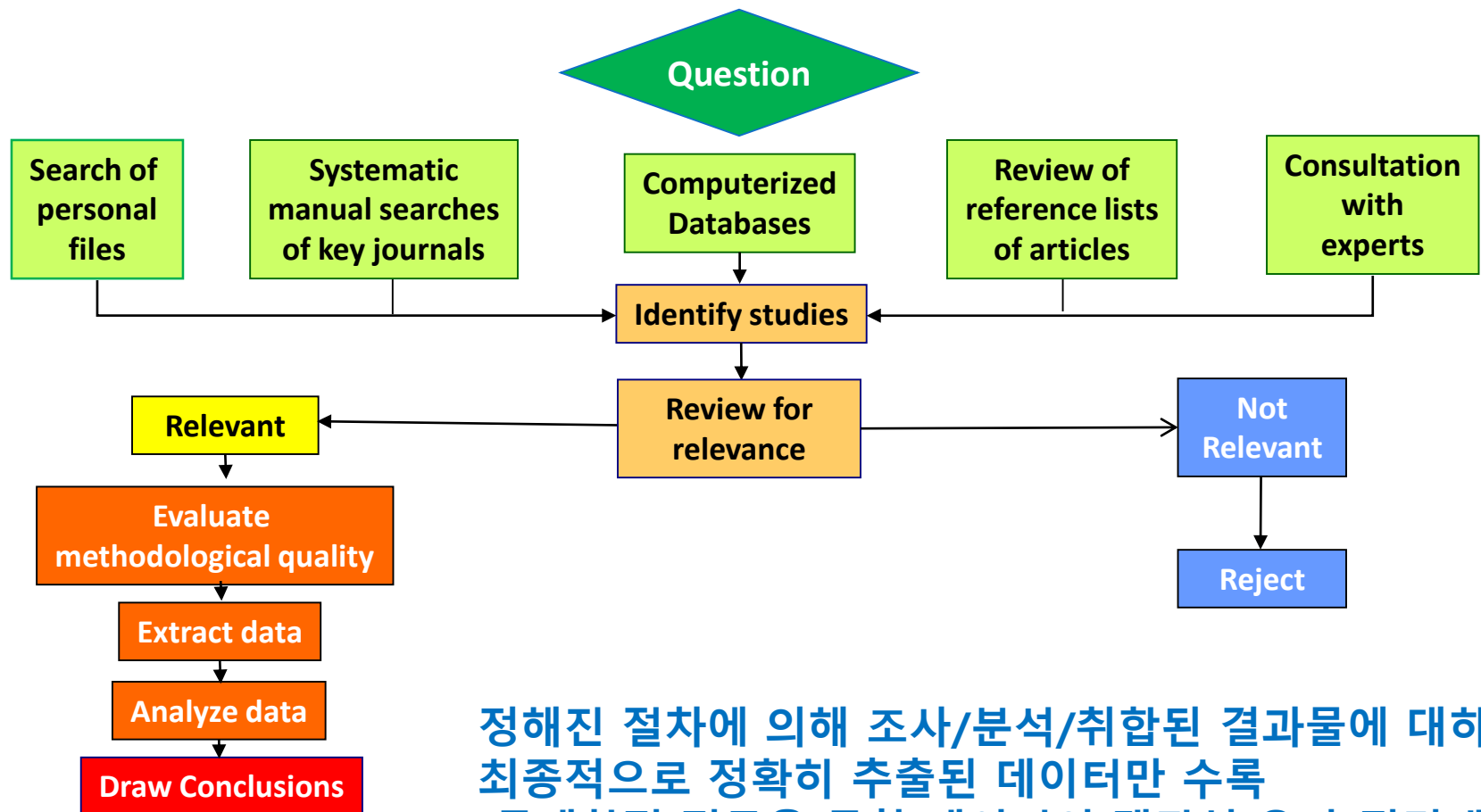


Systematic Review or meta-analysis?

- A **Systematic Review** 는 명백하게 구조화된 질문을 가진 종설로, 체계적이고 엄격한 방법에 따라 관련된 연구를 모두 찾고 선택하여 연구에 포함된 자료를 수집 분석한 것으로 정의됨.
- 통계적인 방법(*meta-analysis*) 은 포함된 연구의 결과를 요약하기위해 사용되거나 사용하지 않을 수 있음



Step of Systematic Review

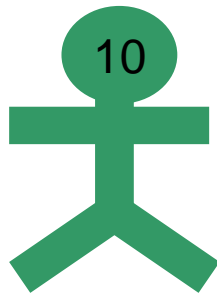


정해진 절차에 의해 조사/분석/취합된 결과물에 대하여
최종적으로 정확히 추출된 데이터만 수록
(통계학적 접근을 통한 데이터의 객관성 유지-편견배제)



The benefits of a systematic review

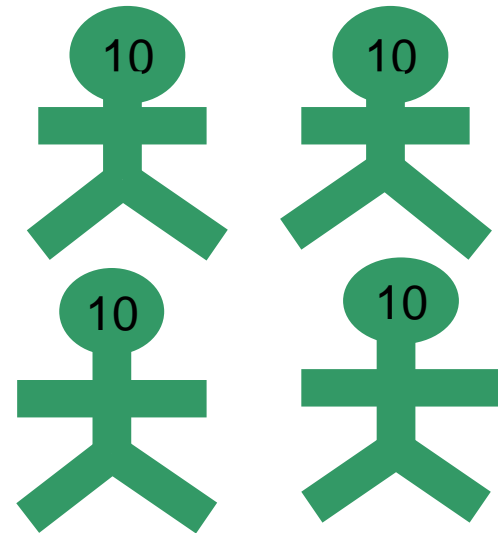
One trial - provides limited results



Trial is conducted
several times



Evaluating several trials* is more likely to provide a more valid and reliable result



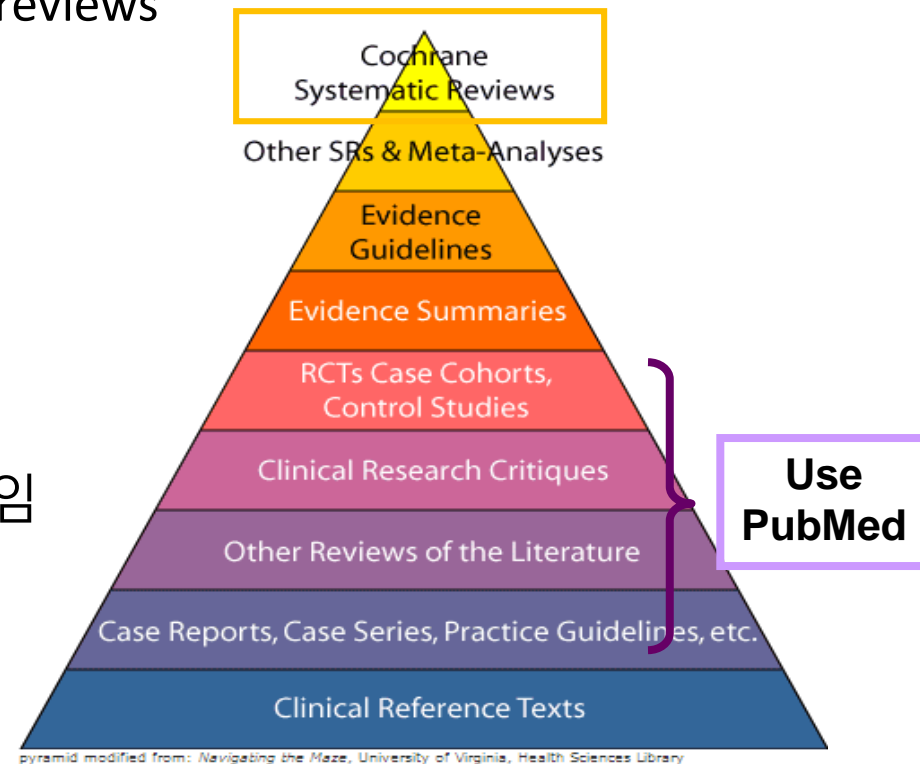
***Each trial should meet same criteria, follow same methods and test against same conditions or parameters...**

1번의 Trial은 제한된 결과를 제공하지만, 여러 차례의 Trial (동일 컨디션상의 동일 카테고리, 동일 방식)의 결과는 신뢰를 높여주며, SR은 이와 같이 여러 차례 Trial로 얻어진 신뢰 높은 결과물을 제공합니다.



The Cochrane Database of Systematic Reviews

- The **“Gold Standard”** for systematic reviews
(체계적 문헌고찰의 기준점)
- 세계 최고 의학 연구 결과의 결합
- 보다 통합적인 문헌 고찰을 위한
강력한 방법론/프로세스 적용
-> 결함을 최소화하고 신뢰성 높임
- 정기적인 업데이트 –
최신 정보, 믿을만한 증거를
기초로 한 처방을 가능하게 함





How to search in The Cochrane Library



기본 화면



Trusted evidence.
Informed decisions.
Better health.

English

Cochrane.org

Sign In

Title Abstract Keyword



Browse

Advanced search

Cochrane Reviews

Trials

Clinical Answers

About

Help



Can exercise prevent falls in older people in the community?
Read the Review



Best of the Cochrane Library: 2018 in review
Read the Special Collection



Buruli ulcer treatment
Read the Editorial

Highlighted Reviews

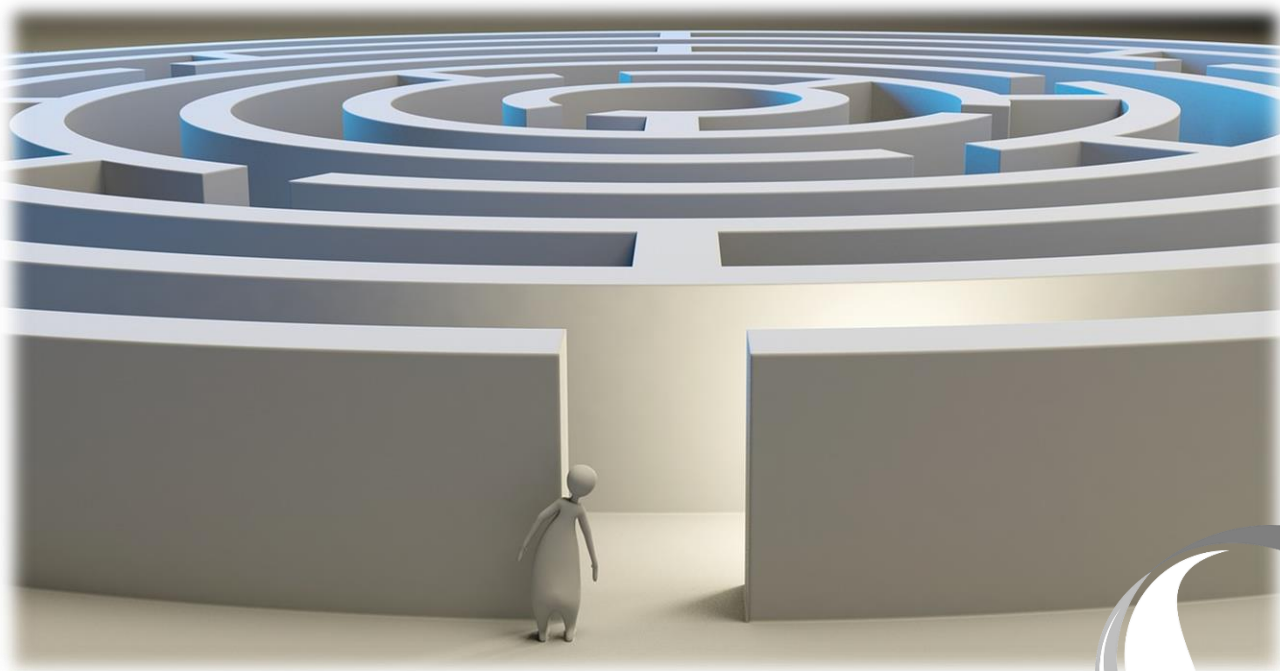
Editorials

Special Collections

Once daily long-acting beta2-agonists and long-acting muscarinic antagonists in a combined inhaler versus placebo for chronic obstructive pulmonary disease

Usman Maqsood, Terence N Ho, Karen Palmer, Fiona JR Eccles, Mohammed Munavvar, Ran Wang, Iain Crossingham, David JW Evans






Simple Keywords?
PICO-Structure?





Basic Search

Title Abstract Keyword ▲	acute asthma exacerbation	Q
Title Abstract Keyword	Browse	Advanced search
Record Title		
Abstract		
Author		
Keyword		
All Text		
Publication Type		
Source		
DOI		
Accession Number		



**The Cochrane Library: 2018
in review**
Read the Special Collection

하나의 키워드 또는 임상질의에 대하여 간단한 검색을 원할 시 기본검색 사용



Search Term : Hematologic Malignancy





Search Results

Filter your results

Date

Publication date

The last 3 months.....152

The last 6 months.....329

The last 9 months.....483

The last year.....637

The last 2 years.....1344

Custom Range:

dd/mm/yyyy to dd/mm/yyyy

Apply Clear

Status

New search.....2185

Conclusions changed.....551

Language

Español.....4846

Show 13 more

Type

Intervention.....7728

Diagnostic.....114

Overview.....53

Methodology.....36

Qualitative.....4

Prognosis.....2

Topics

Child health.....2484

Cochrane Reviews7937

Cochrane Protocols2432

Trials1317434

Editorials126

Special collections25

Clinical Answers1897

More

7937 Cochrane Reviews matching on "*" in Title Abstract Keyword'

Cochrane Database of Systematic Reviews

Issue 3 of 12, March 2019

Select all (7937) Export selected citation(s) Show all previews

Order by Relevancy Results per page 25

1

Antivirals for the common cold

Tom Jefferson, David Tyrrell

Show Preview Intervention Review 23 July 2001 Withdrawn

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Show Preview Intervention Review 12 October 2017 New search Conclusions changed Free access

3

Early versus delayed antiretroviral treatment in HIV-positive people with cryptococcal meningitis

Ingrid Eshun-Wilson, Mbah P Okwen, Marty Richardson, Tihana Bicanic

Show Preview Intervention Review 24 July 2018 New search Conclusions changed Open access

4

Nutrition support in hospitalised adults at nutritional risk

Joshua Feinberg, Emil Elk Nielsen, Steven Kwasi Korang, Kirstine Halberg Engell, Marie Skott Nielsen, Kang Zhang, Maria Didriksen, Lisbeth Lund, Niklas Lindahl, Sara Hallum, Ning Liang, Wenjing Xiong, Xuemei Yang, Pernille Brunsgaard, Alexandre Garioud, Sanam Safi, Jane Lindschou, Jens Kondrup, Christian Gluud, Janus C Jakobsen

Show Preview Intervention Review 19 May 2017 Free access

5

Laparoscopic-endoscopic rendezvous versus preoperative endoscopic sphincterotomy in people undergoing laparoscopic cholecystectomy for stones in the gallbladder and bile duct

Nereo Vettoretto, Alberto Arezzo, Federico Famiglietti, Roberto Cirocchi, Lorenzo Moja, Mario Morino

Show Preview Intervention Review 11 April 2018

6

Acupuncture for peripheral joint osteoarthritis

Eric Manheimer, Ke Cheng, Klaus Linde, Lixing Lao, Junghee Yoo, Susan Wieland, Daniëlle AWM van der Windt, Brian M Berman, Lex M Bouter

Show Preview Intervention Review 20 January 2010



Search Results

필터(패킷)

- 등재일
- 문헌상태
- 초록언어
- 문헌종류
- 주제별 필터

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The last 2 years 1344

Custom Range:

dd/mm/yyyy

to

dd/mm/yyyy

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Clear

Status

New search 2185
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Español 4846
Show 13 more ▼

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Intervention 7728
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Overview 53
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Qualitative 4
Prognosis 2

Topics

+ Child health 2484

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Cochrane Protocols

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Cochrane Database

- Cochrane Reviews
- Cochrane Protocols
- Trials
- Special Collections
- Clinical Answers
- More : Federated Search



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Cochrane Reviews
7937

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2432

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Search Keyword"

☐ Select all (7937) Export selected citation(s) Show all previews

Order by Relevancy ▼

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Tom Jefferson, David Tyrrell
[Show Preview ▼](#) Intervention Review 23 July 2001 Withdrawn

Results per page 25 ▼

전체 아티클 선택 및 선택한 아티클을 Citation Manager(EndNote, Refworks)로 보내는 기능

한 페이지에 보여줄 검색결과 수 조절
10/25/50/100

검색결과를 타이틀 A-Z, 등재일, 연관성으로 정렬 가능



Search Results

2 ☐

Adenosine versus intravenous calcium channel antagonists for supraventricular tachycardia

Samer Alabed, Ammar Sabouni, Rui Providencia, Edmond Atallah, Mohammed Qintar, Timothy JA Chico

Show Preview ▾ Intervention Review 12 October 2017 New search Conclusions changed Free access

- [\(a\)](#)
- [\(b\)](#)
- [\(c\)](#)
- [\(d\)](#)
- [\(e\)](#)
- [\(f\)](#)
- [\(g\)](#)

(a) Show Preview	아티클의 초록을 최초 3줄까지 미리보기 가능
(b) Review Type	Review 아티클의 종류 (Intervention, Diagnostic 등 6종)
(c) Review	Full Review, 메타 분석을 포함한 연구 결과 및 토론을 조합
(d) Date	아티클의 등재일
(e) New search	기존 Review 아티클이 등재된 이후, 해당 아티클의 고찰 분야에서 새 연구가 수행되어 그것을 아티클에 반영한 경우. 아티클의 Version이 변경되거나, 새 연구가 진행되었으나 결론은 동일하거나, 새 연구로 인하여 결론이 변경되는 경우가 모두 포함.
(f) Conclusions Changed	기존 발표된 Review 아티클의 결론에 변화가 발생한 경우
(g) Access Type	Open Access, Free Access 여부
Withdrawn	리뷰 또는 프로토콜이 연구 철회된 경우 (연구 철회 이유에 대해서도 명시)



Search Results – Review Types

Intervention	의료 및 의료정책 의사결정에서 활용되는 의료중재의 편익과 손해를 다루는 아티클
Diagnostic	환자 진단 및 특정 질병의 발견을 위해 수행하는 진단 테스트가 얼마나 정확한지 다루는 아티클
Overview	하나의 실험 조건 및 문제에 대한 두 건 이상의 잠재적 Intervention의 효 과를 다루는 Multiple Cochrane Intervention Review에 대한 개요
Methodology	체계적 문헌고찰과 임상시험이 어떻게 진행되고 보고되어야 하는지에 대한 방법론을 다루는 아티클
Qualitative	질적 근거를 종합해 중재가 가진 효과 이외의 다른 측면에 대한 질의를 다루는 아티클
Prognosis	건강문제가 있는 사람들의 예후, 예상 진행과정을 다루는 아티클



Cochrane Review in PubMed

Article Types 패싯
[Systematic Reviews]

장점

- ① PubMed에서 제공하는 우수한 패싯 기능을 활용하여 결과 추출 가능
- ② PMC 등으로 아카이빙된 과거 Systematic Review에 쉽게 접근 가능

단점

- ① Cochrane 이외의 저널에서 발행된 Systematic Review도 전부 검색
- ② Review Article의 Type 및 Update와 관련된 내용을 확인하기 위해서는 개별 아티클의 서지사항 확인 필요

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

Search results
Items: 9

Filters activated: Systematic Reviews. [Clear all](#) to show 191 items.

☐ [Transcutaneous electric nerve stimulation over acupoints for patients with diarrhea-predominant irritable bowel syndrome: Protocol for systematic review and meta-analysis.](#)
1. Han BY, Shao QF, Cong Y, Guo S, Mao XY, Wei RH, Wei W. Medicine (Baltimore). 2018 Dec;97(51):e13267. doi: 10.1097/MD.00000000000013267. PMID: 30572430 [Free PMC Article](#) [Similar articles](#)

☐ [Herbal Medicines for the Management of Irritable Bowel Syndrome: A Systematic Review.](#)
2. Bahrami HR, Hamed S, Salari R, Noras M. Electron Physician. 2016 Aug 25;8(8):2719-2725. eCollection 2016 Aug. PMID: 27757180 [Free PMC Article](#) [Similar articles](#)

☐ [Moxibustion in the management of irritable bowel syndrome: systematic review and meta-analysis.](#)
3. Park JW, Lee BH, Lee H. BMC Complement Altern Med. 2013 Oct 2;13:247. doi: 10.1186/1472-6882-13-247. Review. PMID: 24088418 [Free PMC Article](#) [Similar articles](#)

☐ [Acupuncture for treatment of irritable bowel syndrome.](#)
4. Manheimer E, Cheng K, Wieland LS, Min LS, Shen X, Berman BM, Lao L. Cochrane Database Syst Rev. 2012 May 16;(5):CD005111. doi: 10.1002/14651858.CD005111.pub3. Review. PMID: 22592702 [Free PMC Article](#) [Similar articles](#)

☐ [Acupuncture for irritable bowel syndrome: systematic review and meta-analysis.](#)
5. Manheimer E, Wieland LS, Cheng K, Li SM, Shen X, Berman BM, Lao L. Am J Gastroenterol. 2012 Jun;107(6):835-47; quiz 848. doi: 10.1038/ajg.2012.66. Epub 2012 Apr 10. Review. PMID: 22489079 [Free PMC Article](#) [Similar articles](#)

☐ [Acupuncture treatment in gastrointestinal diseases: a systematic review.](#)
6. Schneider A, Streitberger K, Joos S. World J Gastroenterol. 2007 Jul 7;13(25):3417-24. Review. PMID: 17659687 [Free PMC Article](#) [Similar articles](#)

☐ [Acupuncture for treatment of irritable bowel syndrome.](#)
7. Lim B, Manheimer E, Lao L, Ziea E, Wisniewski J, Liu J, Berman B. Cochrane Database Syst Rev. 2006 Oct 18;(4):CD005111. Review. Update in: Cochrane Database Syst Rev. 2012;5:CD005111. PMID: 17054239 [Similar articles](#)



Search Term :
Hematologic Malignancy,
Antiplatelet drugs





ence.
cisions.
1.

Title Abstract Keyword ▼

Hematologic Malignancy AI



Browse

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Help ▼

Cochrane Reviews
0

Cochrane Protocols
0

Trials
1

Editorials
0

Special collections
0

Clinical Answers
0

Other Reviews

1 Trial matching on **Hematologic Malignancy AND Antiplatelet Drugs** in Title Abstract Keyword

Cochrane Central Register of Controlled Trials

Issue 3 of 12, March 2019

☐ **Select all (1)** Export selected citation(s)

Order by **Relevancy** ▼

Results per page **25** ▼

1 ☐

Firefighter Aged Garlic Extract Investigation With CoQ10 as a Treatment for Heart Disease (FAITH)


NCT00860847

<https://clinicaltrials.gov/show/nct00860847>, **2009** | added to CENTRAL: 31 May 2018 | 2018 Issue 5



Advanced Search

Title Abstract Keyword ▲	acute asthma exacerbation	Q
Title Abstract Keyword	Browse	Advanced search
Record Title		
Abstract		
Author		
Keyword		
All Text		
Publication Type		
Source		
DOI		
Accession Number		


The Cochrane Library: 2018
in review
Read the Special Collection

다수의 검색식을 조합하거나, MeSH Term을 활용하거나, 검색식을 저장할 때는 Advanced Search 클릭.



Advanced Search - MeSH

Search

Search manager

Medical terms (MeSH)

검색어 입력

Subheading /
Qualifier 입력

View saved searches

Search help

Catheterization, Peripheral

Select subheadings / qualifiers

Look up

Clear

Definition

Catheterization, Peripheral - Insertion of a catheter into a peripheral artery, vein, or airway for diagnostic or therapeutic purposes.

Thesaurus Matches

Exact Term Match

Catheterization, Peripheral

Synonyms: PICC Line Catheterizations; Catheterizations, PICC Line; Peripherally Inserted Central Catheter Line Insertion; Placements, PICC; PICC Placements; PICC Placement; Placement, PICC; Catheterization, PICC Line; PICC Line Placements; PICC Line Catheterization; PICC Line Placement; Placement, PICC Line; Placements, PICC Line; Peripheral Venous Catheterization; Venous Catheterization, Peripheral; Peripheral Venous Catheterizations; Catheterizations, Peripheral Venous; Venous Catheterizations, Peripheral; Catheterization, Peripheral Venous; Peripheral Catheterizations; Catheterizations, Peripheral; Arterial Catheterizations, Peripheral; Catheterization, Peripheral Arterial; Arterial Catheterization, Peripheral; Catheterizations, Peripheral Arterial; Peripheral Arterial Catheterization; Peripheral Arterial Catheterizations; Catheterizations, Bronchial; Catheterization, Bronchial;

MeSH Trees

MeSH term - Catheterization, Peripheral

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

Select

Tree number 1

Therapeutics [+78]

Catheterization [+8]

Angioplasty [+3]

Balloon Embolectomy

Balloon Occlusion [+1]

Balloon Valvuloplasty

Catheterization, Central Venous

Catheterization, Peripheral [+1]

Catheterization, Swan-Ganz

Cardiac Catheterization [+1]

Urinary Catheterization [+1]

Search Results

There are **861** results for your search

- MeSH descriptor: Catheterization
- Explode all trees

Add to search manager

Trials 848

Cochrane Reviews 13

Save search

View results

항목 선택시
우측 Result값이
바로 출력

다른 검색어와
조합을 원할 경우
Search Manager로
바로 추가 가능

[MeSH] 탭을 통해 한눈에 MeSH Term의 정의, 시소러스 구조, 해당 MeSH Term으로 검색될 아티클의 종류별 검색 건수를 확인 가능.



Advanced Search – MeSH vs Keywords

Save this search

View saved searches

Search help

View fewer lines

Print

+		
-	+	#1
MeSH descriptor: [Platelet Aggregation Inhibitors] explode all trees and with qualifier(s): [adverse effects - AE]		MeSH 834
-	+	#2
MeSH descriptor: [Hematologic Neoplasms] explode all trees		MeSH 500
-	+	#3
#1 AND #2		Limits 2
-	+	#4
Hematologic Malignancy		Limits 835
-	+	#5
Antiplatelet drugs		Limits 811
-	+	#6
#4 AND #5		Limits 6
-	+	#7
Hematologic Malignancy AND Antiplatelet Drugs		Limits 6
-	+	#8
Type a search term or use the S or MeSH buttons to compose		S MeSH Limits N/A

Clear all

Highlight orphan lines



Advanced Search - MeSH

NLM(The National Library of Medicine)의 통제 어휘 시소러스를 기준으로 하는
의학 주제표목 Mesh (Medical Subject Heading)으로
Cochrane의 데이터베이스는 아래와 같이 MeSH 검색을 지원.

Database	MeSH indexing
Cochrane Reviews	최신호 수록 리뷰를 제외하고 Keywords에서 지원
Cochrane Protocols	지원하지 않음
Clinical Trials	Medline에 등록된 Trial만 지원
Other Reviews	전체 지원



PICO search in The Cochrane Library



Advanced Search - Default

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 ▾

Catheterization, Peripheral

—

OR ▾

Title Abstract Keyword ▾

phlebotomy

—

NOT ▾

Title Abstract Keyword ▾

blood specimen collection

(Word variations have been searched)

+

Search limits

Send to search manager

Run search

✕ Clear all

- 불리언 연산자 (AND, OR, NOT) 및 근접연산자 지원
- Nesting 제공
 - 구(句) 검색 시 “ ” 를 사용
 - 불리언 연산자 및 근접연산자를 통한 그룹 검색 시 괄호 () 를 사용해 우선순위 변경
 - 검색어자동완성, 필드레벨 조합기능 제공



Advanced Search - Default

Advanced Search

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[Search](#) [Search manager](#) [Medical terms \(MeSH\)](#)

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-

Title Abstract Keyword

Catheterization, Peripheral

-

OR

Title Abstract Keyword

phlebotomy

-

NOT

Title Abstract Keyword

blood specimen collection

(Word variations have been searched)

+

Clear all

검색식 추가(+) / 삭제(-)

제한자 사용

Search limits

Send to search manager

Run search

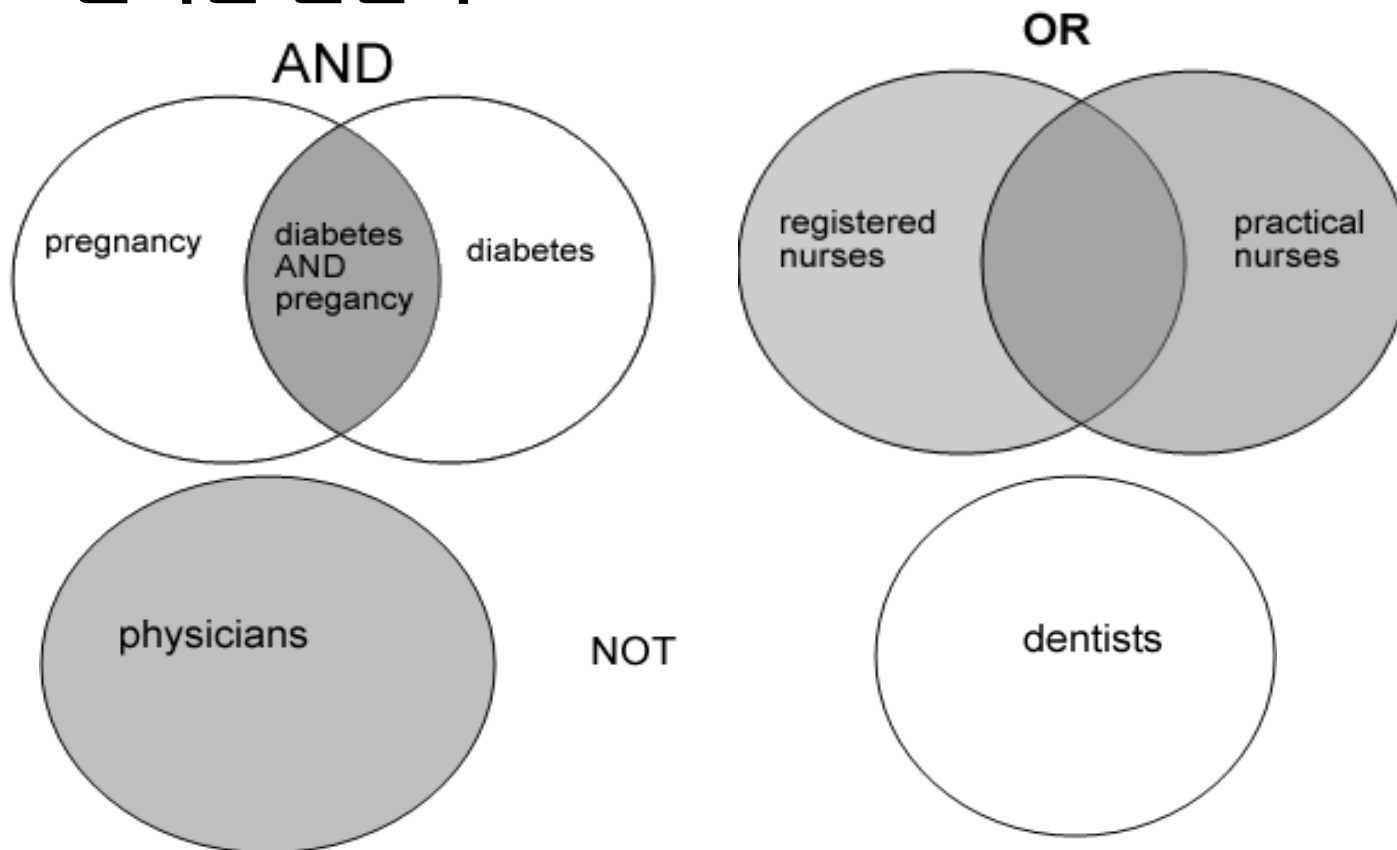
Search Manager에 등록

여러 키워드를 불리언 연산자(AND, OR, NOT)로 묶을 경우 [Search] 탭 이용.
하나하나의 검색식은 괄호 () 의 역할을 수행.



Advanced Search - Default

불리언 연산자





Advanced Search – Search Manager

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	MeSH descriptor: [Catheterization, Peripheral] exp	MeSH 861
-	+	#2	(Catheterization, Peripheral):ti,ab,kw AND (phlebotomy):ti,ab,kw AND (blood specimen collection):ti,ab,kw (Word variations have been searched)	S Limits 6
-	+	#3	#1 OR #2	Limits 861
-	+	#4	#1 NOT #2	Limits 855
-	+	#5	Type a search term or use the S or MeSH buttons to compose	Limits N/A

Clear all

Highlight orphan lines

Save this search

View saved searches

Search help

검색식 확인 : Search Line or MeSH

검색식 별 검색결과

검색식 번호

체계적문헌고찰 또는 메타분석을 위한 검색과 같이
검색식의 체계적인 관리가 필요한 경우, [Search Manager] 탭 활용.
※ 다른 검색방법과 달리 최종단 [Search]버튼이 존재하지 않으므로,
자신이 원하는 단계의 검색식 별 검색결과 버튼을 눌러 검색결과 확인.



Advanced Search – Search Manager

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)

검색식 추가/삭제

Save this search View saved searches Search help

Print

-	+	#1	MeSH descriptor: [Catheterization, Peripheral] explode all trees	MeSH	861
-	+	#2	(Catheterization, Peripheral):ti,ab,kw AND (phlebotomy):ti,ab,kw AND (blood specimen collection):ti,ab,kw (Word variations have been searched)	S Limits	6
-	+	#3	#1 OR #2	Limits	861
-	+	#4	#1 NOT #2	Limits	855
-	+	#5	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

Search Manager의 어느 위치에서든 검색식 추가, 삭제 가능



**Achilles tendon rupture 에 대하여 operative repair 와
nonoperative treatment를 비교**

**Keyword : Achilles tendon rupture AND operative
repair AND nonoperative treatment**



[View fewer lines](#)
[Print](#)

+			
-	+	#1	Achilles tendon ruptures
-	+	#2	operative repair
-	+	#3	nonoperative treatment
-	+	#4	#2 OR #3
-	+	#5	#1 AND #4
-	+	#6	#2 AND #3
-	+	#7	#1 AND #6
-	+	#8	Type a search term or use the S or MeSH buttons to compose

Limits

N/A

☐ Highlight orphan lines

OR vs AND

유의어로서 두 어휘 중 하나만 포함되어도 검색되도록 하려면 OR
서로 다른 의미의 어휘를 조합하려면 AND

반의어의 경우, 검색 의도 및 결과에 따라 OR 와 AND를 적절히 사용



성인의 Occlusion in central venous를 예방하기 위하여 Heparin과 sodium chloride locking을 비교

From [Heparin versus 0.9% sodium chloride locking for prevention of occlusion in central venous catheters in adults], Lopez-Briz et al, Cochrane Database of Systematic Review, 2014 Oct 8.

Keyword : Adult, Prevention, Occlusion in central venous catheters, Heparin, Sodium chloride



Print

+

-	+	#1	MeSH descriptor: [Heparin] explode all trees	MeSH ▾	4504
-	+	#2	((hep* or UH or UFH or LMWH)):ti,ab,kw	S ▾ Limits	44422
-	+	#3	(*parin):ti,ab,kw	S ▾ Limits	10577
-	+	#4	* <u>paran</u>	Limits	1004
-	+	#5	#1 OR #2 OR #3 OR #4	Limits	46228
-	+	#6	Type a search term or use the S or MeSH buttons to compose	S ▾ MeSH ▾ Limits	N/A

✕ Clear all

☐ Highlight orphan lines

키워드 Heparin을 추출하기 위한 검색식

1) MeSH 용어 확장

2) Hep으로 시작하거나, 약어(UH, UFH, LMWH)인 경우를 모두 검색

3) Parin으로 끝나는 경우를 모두 검색

4) Paran 으로 끝나는 경우를 모두 검색

5) 불리언 연산자 OR로 4가지 경우 (동등 개념 검색식)를 묶어줌.



-	+	#6	MeSH descriptor: [Sodium Chloride] explode all trees	MeSH ▾	2483		
-	+	#7	MeSH descriptor: [Saline Solution, Hypertonic] explode all trees	MeSH ▾	486		
-	+	#8	(saline):ti,ab,kw	S ▾	Limits	22246	
-	+	#9	(sodium*):ti,ab,kw	S ▾	Limits	31127	
-	+	#10	(NaCl):ti,ab,kw	S ▾	Limits	1703	
-	+	#11	#6 OR #7 OR #8 OR #9 OR #10	Limits	48140		
-	+	#12	<input type="text" value="Type a search term or use the S or MeSH buttons to compose"/>	S ▾	MeSH ▾	Limits	N/A

대조군 Sodium Chloride를 검색하기 위해
앞서와 동일한 방식으로 동의어 표현을
키워드 및 MeSH에서 검색한 뒤
OR로 묶어 검색



-	+	#12	#5 AND #11	Limits	1826
---	---	-----	------------	--------	------

두 키워드를 AND로 묶어 두 키워드가 모두 입력된 Article을 검색



#13	MeSH descriptor: [Catheterization, Central Venous] explode all trees	MeSH ▼	777		
#14	MeSH descriptor: [Catheterization] explode all trees	MeSH ▼	9095		
#15	MeSH descriptor: [Catheters, Indwelling] explode all trees	MeSH ▼	981		
#16	MeSH descriptor: [Vascular Access Devices] explode all trees	MeSH ▼	270		
#17	MeSH descriptor: [Central Venous Catheters] explode all trees	MeSH ▼	118		
#18	(catheter*):ti,ab,kw	S ▼	Limits	22466	
#19	(cannula*):ti,ab,kw	S ▼	Limits	3548	
#20	((CVC* or PICC)):ti,ab,kw	S ▼	Limits	733	
#21	((venous near3 access)):ti,ab,kw	S ▼	Limits	34693	
#22	#13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21	Limits	58840		
#23	Type a search term or use the S or MeSH buttons to compose	S ▼	MeSH ▼	Limits	N/A

Catheter 키워드를 위해 유사 MeSH Term 및 키워드 전체를 검색한 뒤
 불리언 연산자 OR를 통해 하나로 묶어
 앞서 검색한 Heparin, Sodium Chloride와 묶어 검색하기 쉽도록 만듦



-	+	#23	#12 AND #22	Limits	510
---	---	-----	-------------	--------	-----

앞서 Heparin, Sodium Chloride와 묶은 #12번 검색식을
Catheter 관련 키워드를 묶은 #22번과
불리언 연산자 AND를 활용해 묶어 검색.



Cochrane Clinical Answers




Cochrane Clinical Answers

축적된 Cochrane Systematic Review를 임상질의별로 종합/요약하여,
임상 현장에서 신속한 의사결정을 도와주고
간편하게 주제별 Review를 확인할 수 있도록 작성된 아티클.



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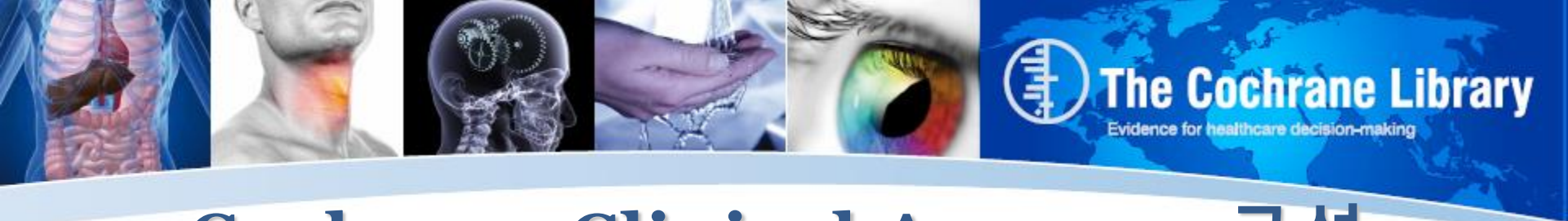
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222 Cochrane Reviews matching on **hip fracture in All Text**

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검색 결과에서 Clinical Answers 탭 클릭



Cochrane Clinical Answers 구성

Question:

For older adults recovering from hip fracture surgery, what are the effects of multinutrient supplements?

Jane Burch, Sera Tort
| 26 June 2018

임상질의

Clinical Answer:

Addition of a multinutrient supplement to standard hospital diet for older adults undergoing surgery for hip fracture may reduce the number of people who have an unfavorable outcome (death or development of a complication; on average, 337 vs 500 per 1000 people), or who develop a complication (infections, pressure sores, deep venous thromboses, or cardiovascular events; on average, 349 vs 500 per 1000 people). However, evidence for these outcomes was of very low to low certainty and was insufficiently robust to allow confidence in the results. There were no clear differences between groups that received supplementation and groups that did not, in terms of mortality, functional status, quality of life, fracture healing, or supplementation-related adverse effects. However, numbers of participants were generally small, and no conclusions of equivalence can be drawn.

요약 답변

Comparisons

1. Multinutrient supplementation versus usual diet/no multinutrient supplementation	Expand All >
> OUTCOME 1.1 Mortality (follow-up to hospital discharge, or 1 to 12 months)	
> OUTCOME 1.2 Unfavorable outcome (follow-up to months)	
> OUTCOME 1.3 Postoperative functional status (where reported, follow-up 2 weeks to 6 months)	
> OUTCOME 1.4 Quality of life (follow-up 6 and 12 months)	
> OUTCOME 1.5 Fracture healing	

Intervention에 대한
다수의 Outcome (Review)
모음



Q&A