Definizione della strategia di ricerca e di selezione degli studi; *study flow*

Negrar, 6 aprile 2018

Strutturare la strategia di ricerca

- A clearly formulated research question following the PICOS approach is required. The research question is commonly broken into concepts, and only the most important ones are used to develop the search strategy. The main challenge is not to introduce too many concepts

P	I	C	O

Information Specialist

Information specialists should form an integral part of the project team of a guideline from the beginning of the project. Search strategy development requires expertise and skills in search methodology. Navigating through different information sources is a complex task, especially as the structure and functionalities of the databases and their interfaces are continually modified.

Strategia di ricerca

OBIETTIVO

To be extensive as possible in order to ensure that as many as possible of the necessary and relevant studies are included in the review

DOVE CERCARE

Numerose banche dati

A search of MEDLINE alone is not considered adequate.
A systematic review showed that only 30% - 80% of all known published randomized trials were identifiable using MEDLINE *Dickersin 1994*

Inoltre…

- **Ricerca manuale su riviste non indicizzate nelle banche dati**
- **Ricerca tra le referenze bibliografiche delle revisioni narrative o degli studi inclusi**
- **Ricerca della letteratura grigia**

Letteratura grigia

"***not formally published in sources such as books or journal articles***"

Cochrane Handbook 2011

Atti di convegni

Contattare autori e case farmaceutiche

Tesi di laurea

Studi ongoing

Databases			
Australian Education Index	Current Controlled Trials	Index to Theses	PAIS Archive
Bib of Nordic Criminology	Directory of OA Journals	INASP	PAIS International
British Education Index	Dissertation Abstracts	ISI Conf Proceedings Index	PolicyFile
Canadian Eval Society	DissOnline	LILACS Latin American	Project Cork
CBCA Education	DrugScope DrugData	NTIS	PsycArticles
CERUK	EconLit	NCJRS Abstracts Database	PsycEXTRA
Child Welfare Info Gateway	Educ Research Global	NLM Gateway	Social Care Online
ClinicalTrials.gov	ERIC	NARCIS	SSRN eLibrary
CORDIS Library	HINARI	NBBF	Theses Canada
CRD	HMIC	NY Acad of Med	TRID
CrimDOC	HUD User Database	Open Grey	WHO Trials

Attenzione a PUBLICATION BIAS
Probabilità di pubblicare studi con soli risultati positivi.

- **In a recently updated Cochrane methodology review, all five studies reviewed showed that *published trials showed an overall greater treatment effect than grey literature trials* (Hopewell 2007b).**

- **Conference abstracts and other grey literature have been shown to be sources of approximately *10% of the studies referenced in Cochrane reviews* (Mallett 2002).**

About *Journal of Negative Results in Biomedicine*

Journal of Negative Results in BioMedicine is an open access, peer-reviewed, online journal that provides a platform for the publication and discussion of unexpected, controversial, provocative and/or negative results in the context of current tenets.

Journal of Negative Results in BioMedicine aims to encourage scientists and physicians of all fields to publish results that challenge current models, tenets or dogmas. The journal invites scientists and physicians to submit work that illustrates how commonly used methods and techniques are unsuitable for studying a particular phenomenon. *Journal of Negative Results in BioMedicine* strongly promotes and invites the publication of clinical trials that fall short of demonstrating an improvement over current treatments. The aim of the journal is to provide scientists and physicians with responsible and balanced information in order to improve experimental designs and clinical decisions.

Articles published in traditional journals frequently provide insufficient evidence regarding negative data. They hardly allow a rigorous evaluation of the quality of these results. In addition, controversial results that refute a current model or simply negative results within a current dogma, frequently meet considerable resistance before they are acknowledged. This is particularly the case if current techniques and technologies are too crude to shed further light on the findings. As more sophisticated techniques become available such findings may turn out to have been groundbreaking only decades later.

Selezione studi: minimizzare bias

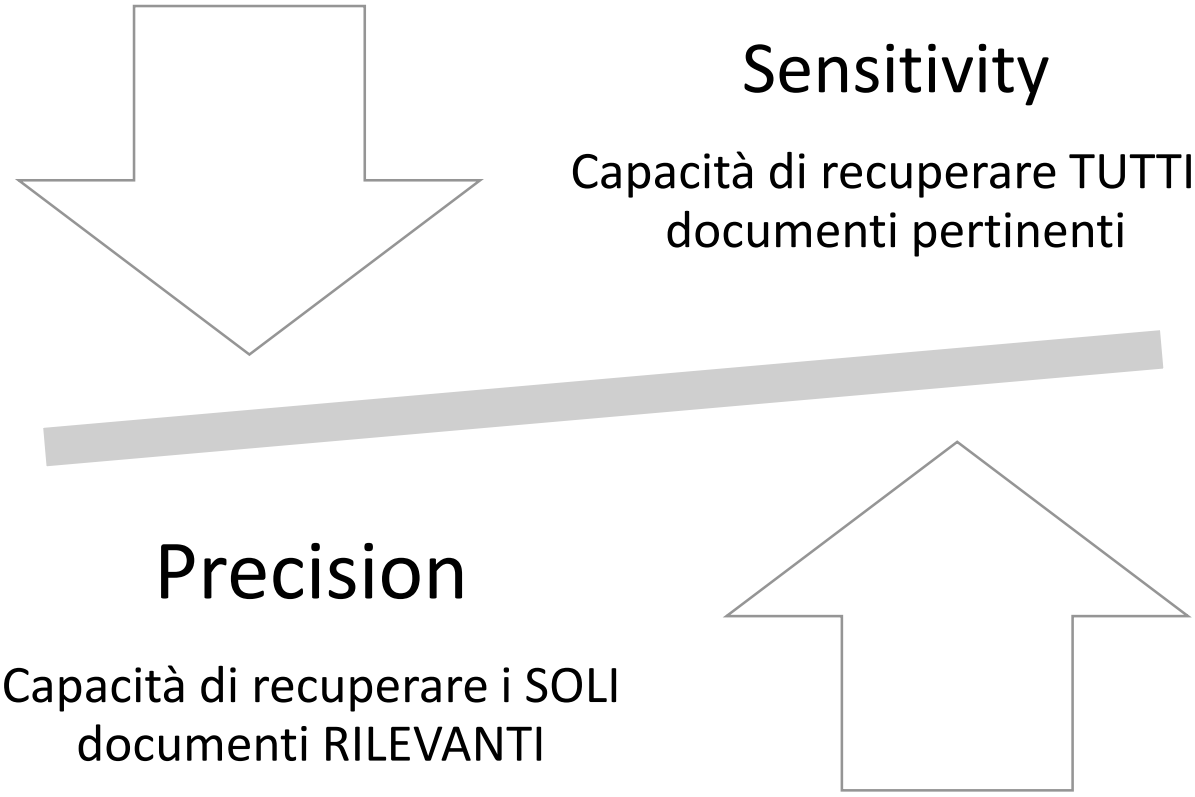
Evitare bias di lingua
Includere tutte le fonti non solo di lingua inglese

Non porre limiti all'anno di pubblicazione

Sensitivity vs Precision

In structuring the search, maximize sensitivity whilst striving for reasonable precision.

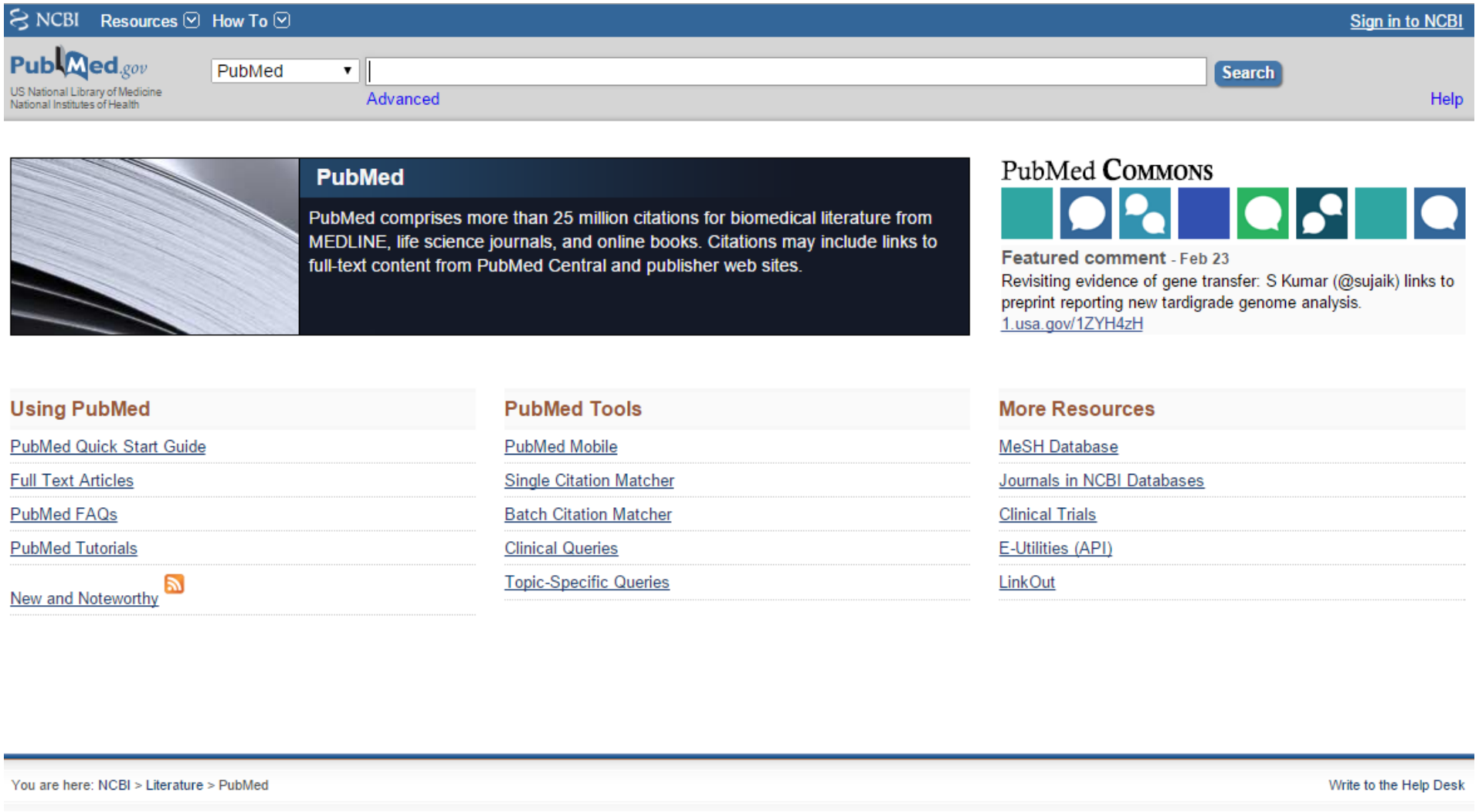
MECIR - Cochrane Collaboration



Our focus…


PubMed
PubMed http://www.ncbi.nlm.nih.gov/pubmed
Embase
EMBASE https://www.elsevier.com

MEDLINE – Pubmed



MEDLINE – Pubmed

- MEDLINE is the U.S. National Library of Medicine® (NLM)
- MEDLINE currently contains over 22 million references to journal articles from the 1946 onwards. Currently 5,200 journals in 37 languages are indexed for MEDLINE
- PubMed provides access to a free version (since 1997) of MEDLINE that also includes up-to-date citations not yet indexed for MEDLINE
- Additionally, PubMed includes records from journals that are not indexed for MEDLINE and records considered 'out-of-scope' from journals that are partially indexed for MEDLINE. For further information about the differences between MEDLINE and PubMed

https://www.nlm.nih.gov/pubs/factsheets/

Struttura di una banca dati

- Le banche dati sono costituite da un insieme di unità informative: **i record**
- Ad ogni record è associata una citazione bibliografica che individua un documento
- Un record è composto da più campi (***field***), ognuno dei quali contiene determinate informazioni: nomi degli autori, affiliazione, titolo, riassunto, estremi della pubblicazione (anno, volume), descrittori per indicizzazione,ecc.

Il record bibliografico di PubMed

Thorax. 2015 May;70(5):451-7. doi: 10.1136/thoraxjnl-2014-206449. Epub 2015 Feb 27.

Double-blind randomised placebo-controlled trial of bolus-dose vitamin D3 supplementation in adults with asthma (ViDiAs).

Martineau AR[1], MacLaughlin BD[2], Hooper RL[2], Barnes NC[1], Jolliffe DA[2], Greiller CL[2], Kilpin K[2], McLaughlin D[2], Fletcher G[2], Mein CA[2], Hoti M[2], Walton R[2], Grigg J[2], Timms PM[3], Rajakulasingam RK[3], Bhowmik A[3], Rowe M[3], Venton TR[3], Choudhury AB[4], Simcock DE[5], Sadique Z[6], Monteiro WR[7], Corrigan CJ[8], Hawrylowicz CM[8], Griffiths CJ[9].

⊕ Author information

Abstract

RATIONALE: Asthma exacerbations are commonly precipitated by viral upper respiratory infections (URIs). Vitamin D insufficiency associates with susceptibility to URI in patients with asthma. Trials of vitamin D in adults with asthma with incidence of exacerbation and URI as primary outcome are lacking.

OBJECTIVE: To conduct a randomised controlled trial of vitamin D3 supplementation for the prevention of asthma exacerbation and URI (coprimary outcomes).

MEASUREMENTS AND METHODS: 250 adults with asthma in London, UK were allocated to receive six 2-monthly oral doses of 3 mg vitamin D3 (n=125) or placebo (n=125) over 1 year. Secondary outcomes included asthma control test and St George's Respiratory Questionnaire scores, fractional exhaled nitric oxide and concentrations of inflammatory markers in induced sputum. Subgroup analyses were performed to determine whether effects of supplementation were modified by baseline vitamin D status or genotype for 34 single nucleotide polymorphisms in 11 vitamin D pathway genes.

MAIN RESULTS: 206/250 participants (82%) were vitamin D insufficient at baseline. Vitamin D3 did not influence time to first severe exacerbation (adjusted HR 1.02, 95% CI 0.69 to 1.53, p=0.91) or first URI (adjusted HR 0.87, 95% CI 0.64 to 1.16, p=0.34). No clinically important effect of vitamin D3 was seen on any of the secondary outcomes listed above. The influence of vitamin D3 on coprimary outcomes was not modified by baseline vitamin D status or genotype.

CONCLUSIONS: Bolus-dose vitamin D3 supplementation did not influence time to exacerbation or URI in a population of adults with asthma with a high prevalence of baseline vitamin D insufficiency.

TRIAL REGISTRATION NUMBER: NCT00978315 (ClinicalTrials.gov).

KEYWORDS: Asthma; Respiratory Infection; Viral infection

PMID: 25724847 [PubMed - indexed for MEDLINE]

Ricerca con PubMed

Ricerca con termini MeSH (dizionario)

Ricerca libera avanzata (Advance Search + Limits)

Ricerca libera semplice

Strumenti di ricerca

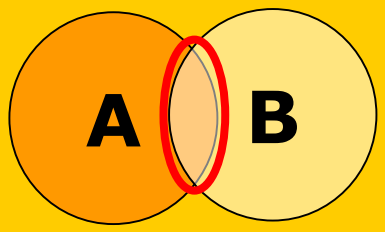
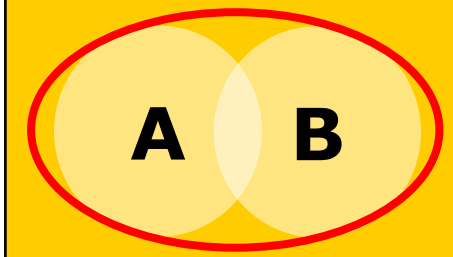
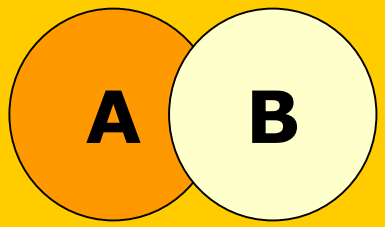
- ✓OPERATORI BOOLEANI
- ✓CARATTERI SPECIALI
- ✓THESAURUS/MeSH

Strumenti di ricerca

- ✓**OPERATORI BOOLEANI**
- ✓CARATTERI SPECIALI
- ✓THESAURUS/MeSH

Operatori Booleani

SEMPRE IN MAIUSCOLO

AND		I RECORDS CHE CONTENGONO sia A che B
OR		I RECORDS CHE CONTENGONO A, B, e sia A che B
NOT		I RECORDS CHE CONTENGONO A ma non B

Gli operatori booleani

ESEMPIO

1. **Infarction** **262179**
2. **Aspirin** **57655**
3. **Infarction *AND* Aspirin** **7863**
4. **Infarction *OR* Aspirin** **311971**
5. **Infarction *NOT* Aspirin** **254316**

Strumenti di ricerca

- ✓OPERATORI BOOLEANI
- ✓**CARATTERI SPECIALI**
- ✓THESAURUS/MeSH

Carattere speciale «jolly»

- Il carattere *jolly* (“*”) consente di ricercare parole che hanno la stessa radice

- Per esempio usando il termine di ricerca diabet* estendiamo la ricerca a tutti i termini che iniziano con *diabet* compresi diabetes, diabetic, ecc.

- Si può anche estendere la ricerca al plurale di certi termini. Per esempio con cancer* estendiamo la ricerca anche al termine *cancers*.

Strumenti di ricerca

- ✓OPERATORI BOOLEANI
- ✓CARATTERI SPECIALI
- ✓**THESAURUS/MeSH**

THESAURUS/MeSH (1)

- I thesauri sono vocabolari di termini
- Ogni parola ha un solo significato
- Ogni concetto è rappresentato sempre e solo dalla stessa parola
- Limitano problemi linguistici causati da:
  1. sinonimia: (esempio cancer, neoplasm);
  2. omonimia: (AIDS come malattia, ma anche, in inglese, aiuti, strumenti);
  3. diverse ortografie (come hemophilia e haemophilia);
  4. singolari e plurali (cancer/cancers)

NCBI Resources How To Sign in to NCBI

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

PubMed Search

GEO DataSets
GEO Profiles
GSS
GTR
HomoloGene
MedGen
MeSH
NCBI Web Site
NLM Catalog
Nucleotide
OMIM
PMC
PopSet
Probe
Protein
Protein Clusters
PubChem BioAssay
PubChem Compound
PubChem Substance
PubMed

ced Help

prises more than 25 million citations for biomedical literature from
e science journals, and online books. Citations may include links to
nt from PubMed Central and publisher web sites.

PubMed COMMONS

Featured comment - Feb 23
Revisiting evidence of gene transfer: S Kumar (@sujaik) links to preprint reporting new tardigrade genome analysis.
1.usa.gov/1ZYH4zH

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Full Text Articles
PubMed FAQs
PubMed Tutorials
New and Noteworthy

PubMed Tools

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Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Topic-Specific Queries

More Resources

MeSH Database
Journals in NCBI Databases
Clinical Trials
E-Utilities (API)
LinkOut

You are here: NCBI > Literature > PubMed

Write to the Help Desk

Arthritis, Rheumatoid

A chronic systemic disease, primarily of the joints, marked by inflammatory changes in the synovial membranes and articular structures, widespread fibrinoid degeneration of the collagen fibers in mesenchymal tissues, and by atrophy and rarefaction of bony structures. Etiology is unknown, but autoimmune mechanisms have been implicated.

PubMed search builder options

Subheadings:

- analysis
- anatomy and histology
- blood
- blood supply
- cerebrospinal fluid
- chemically induced
- chemistry
- classification
- complications
- congenital
- cytology
- diagnosis
- diet therapy
- drug therapy
- economics
- embryology
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- isolation and purification
- metabolism
- microbiology
- mortality
- nursing
- organization and administration
- parasitology
- pathology
- physiology
- physiopathology
- prevention and control
- psychology
- radiography
- radionuclide imaging
- radiotherapy
- rehabilitation
- statistics and numerical data
- surgery
- therapy
- transmission
- ultrasonography
- urine
- veterinary
- virology

Restrict to MeSH Major Topic.

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

Tree Number(s): C05.550.114.154, C05.799.114, C17.300.775.099, C20.111.199

MeSH Unique ID: D001172

Entry Terms:

- Rheumatoid Arthritis

All MeSH Categories
Diseases Category
Musculoskeletal Diseases
Joint Diseases
Arthritis
Arthritis, Rheumatoid
Caplan Syndrome
Felty Syndrome
Rheumatoid Nodule
Rheumatoid Vasculitis
Sjogren's Syndrome
Still's Disease, Adult-Onset

- I termini sono organizzati in maniera gerarchica
- i rami principali corrispondono a concetti generali *esempio le neoplasie (neoplasms)*
- i rami più estremi corrispondono a concetti circoscritti *esempio breast neoplasms*

Arthritis, Rheumatoid

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PubMed search builder options

Subheadings:

analysis	enzymology	physiopathology
anatomy and histology	epidemiology	prevention and control
blood	ethnology	psychology
blood supply	etiology	radiography
cerebrospinal fluid	genetics	radionuclide imaging
chemically induced	history	radiotherapy
chemistry	immunology	rehabilitation
classification	isolation and purification	statistics and numerical data
complications	metabolism	surgery
congenital	microbiology	therapy
cytology	mortality	transmission
diagnosis	nursing	ultrasonography
diet therapy	organization and administration	urine
drug therapy	parasitology	veterinary
economics	pathology	virology
embryology	physiology	

Restrict to MeSH Major Topic.

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

Tree Number(s): C05.550.114.154, C05.799.114, C17.300.775.099, C20.111.199

MeSH Unique ID: D001172

Entry Terms:

- Rheumatoid Arthritis

All MeSH Categories
- Diseases Category
  - Musculoskeletal Diseases
    - Joint Diseases
      - Arthritis
        - **Arthritis, Rheumatoid**
          - Caplan Syndrome
          - Felty Syndrome
          - Rheumatoid Nodule
          - Rheumatoid Vasculitis
          - Sjogren's Syndrome
          - Still's Disease, Adult-Onset

SUBHEADINGS

Insieme di identificatori che puntualizzano alcuni aspetti specifici del concetto rappresentato dal termine MeSH

Subheadings - Esempio

Arthritis, Rheumatoid

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- diagnosis
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- economics
- embryology
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- isolation and purification
- metabolism
- microbiology
- mortality
- nursing
- organization and administration
- parasitology
- pathology
- physiology
- physiopathology
- prevention and control
- psychology
- radiography
- radionuclide imaging
- radiotherapy
- rehabilitation
- statistics and numerical data
- surgery
- therapy
- transmission
- ultrasonography
- urine
- veterinary
- virology

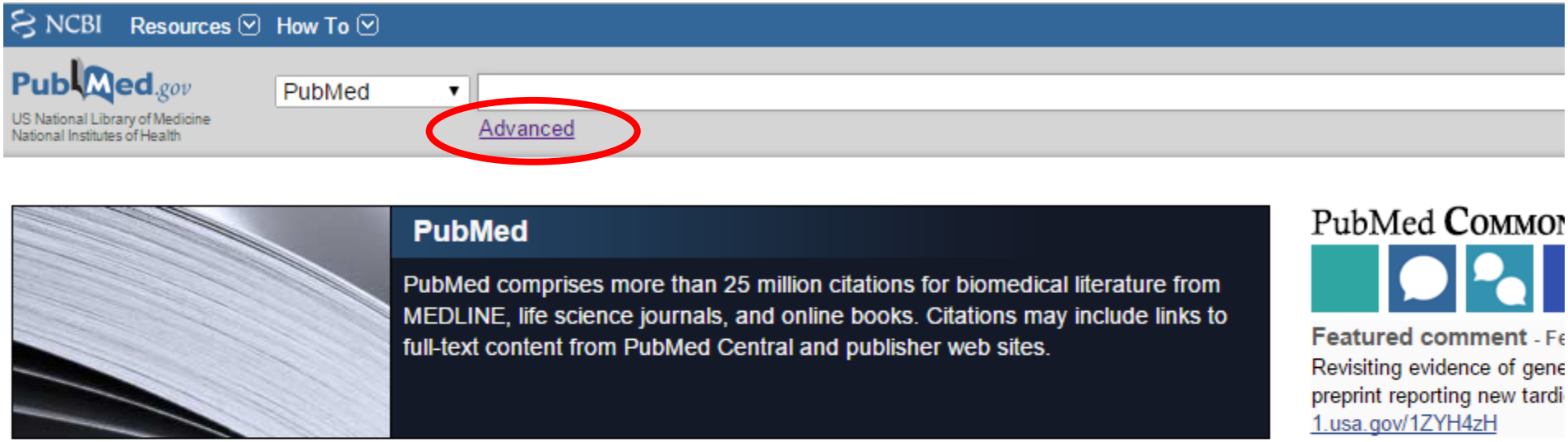
- Restrict to MeSH Major Topic.
- Do not include MeSH terms found below this term in the MeSH hierarchy.

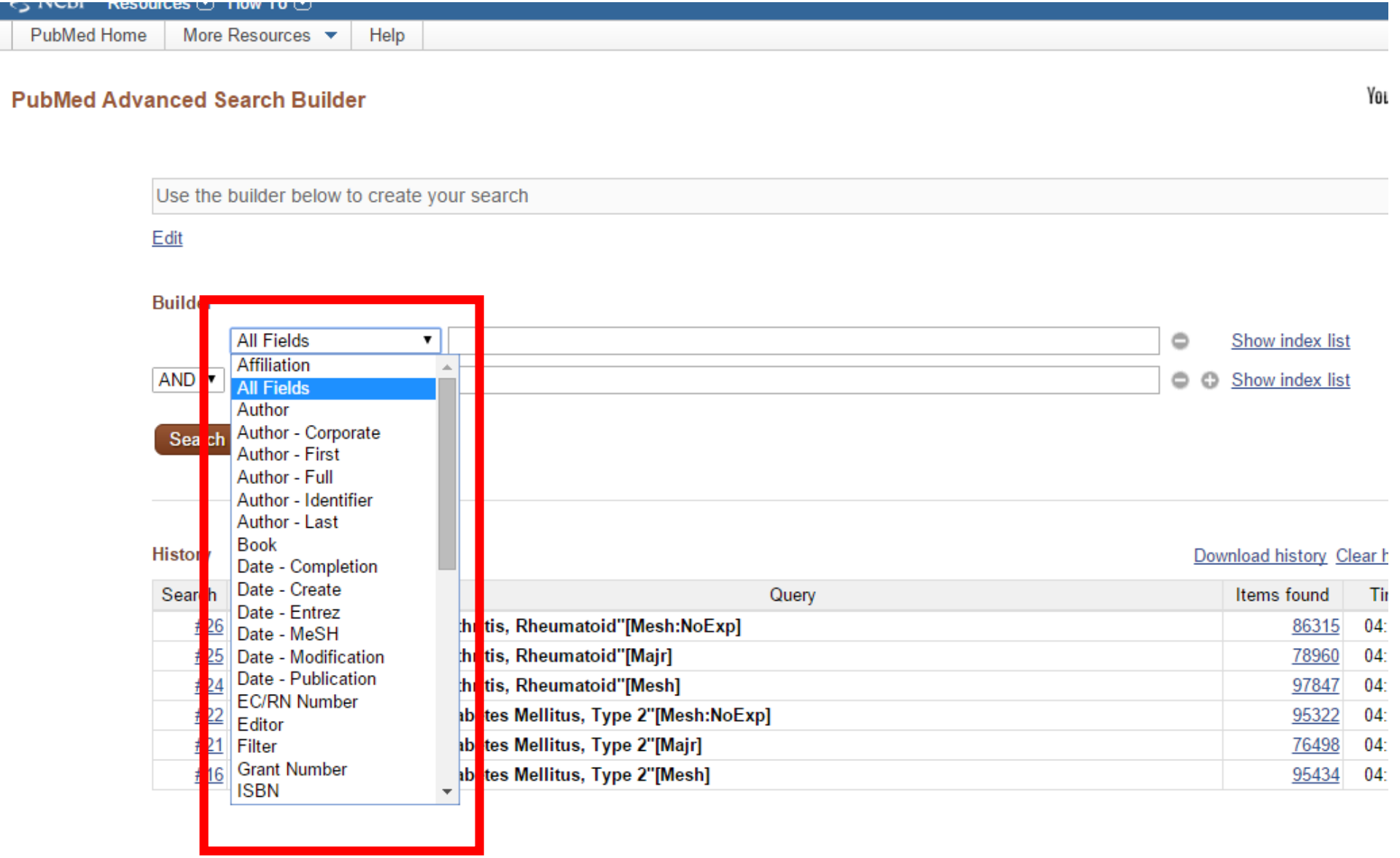
Explode	97847
Major topic	78960

Explode	97847
Single term	86315

*"**major topics** of the article, usually obtained from the title and/or statement of purpose"*

“Advanced Search”

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Use the builder below to create your search
Edit
All Fields
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Affiliation
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Author - Full
Author - Identifier
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86315
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78960
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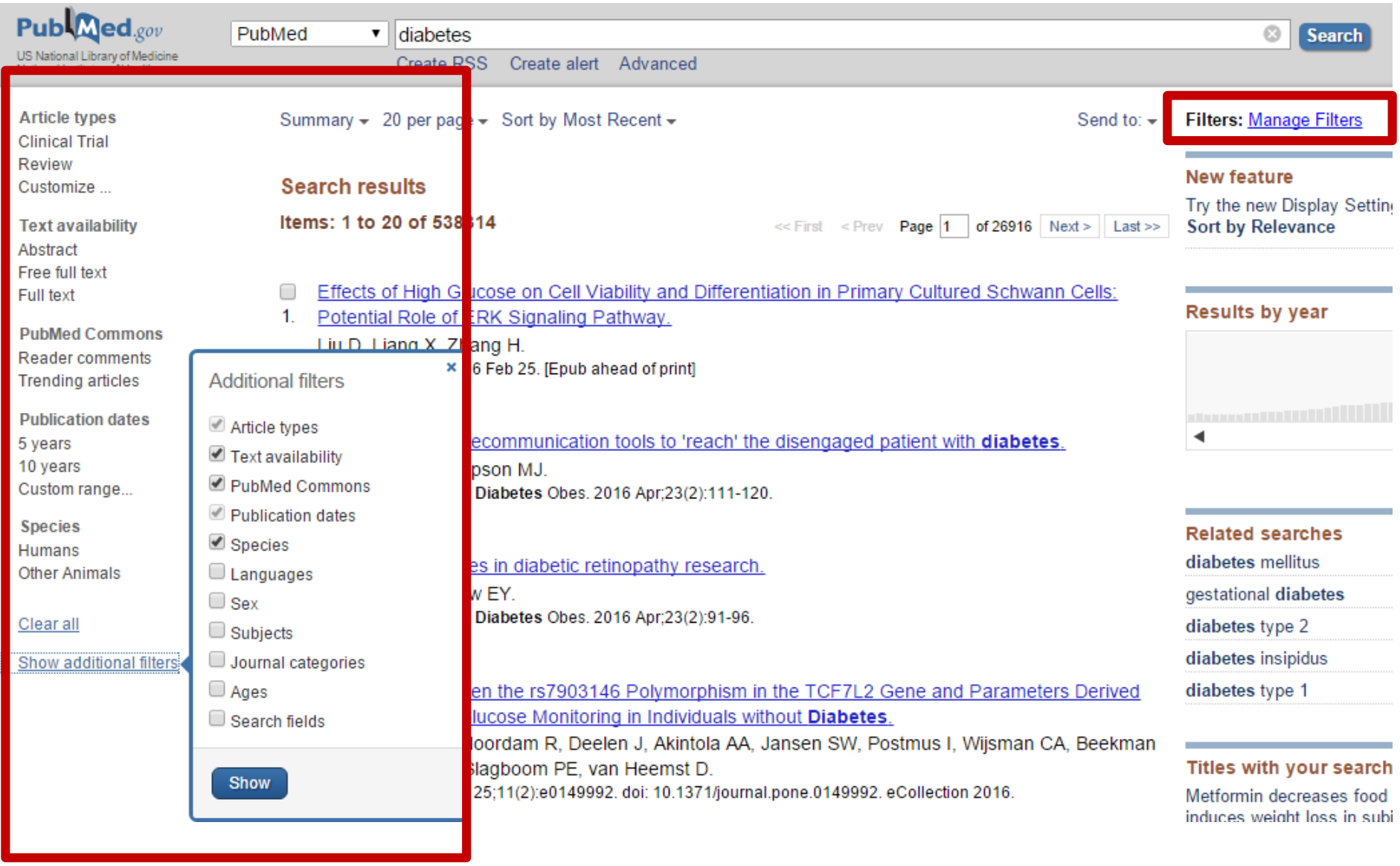
tes Mellitus, Type 2"[Mesh:NoExp]
95322
tes Mellitus, Type 2"[Majr]
76498
tes Mellitus, Type 2"[Mesh]
95434

Il comando “Filters”

Se una ricerca risulta troppo ampia (troppi risultati) si può restringere/limitare usando alcune possibilità che questo comando offre, ad esempio per:

- gruppi d’età
- data di pubblicazione dell’articolo
- lingua di pubblicazione
- sesso
- tipo di pubblicazione
- altro

Filters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Clinical Trial
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Publication dates
5 years
10 years
Custom range...
Species
Humans
Other Animals
Clear all
Show additional filters
Summary
20 per page
Sort by Most Recent
Send to:
Filters: Manage Filters
Search results
Items: 1 to 20 of 538314
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< Prev
Page 1 of 26916
Next >
Last >>
Effects of High Glucose on Cell Viability and Differentiation in Primary Cultured Schwann Cells:
1. Potential Role of ERK Signaling Pathway.
Liu D, Liang X, Zhang H.
6 Feb 25. [Epub ahead of print]
ecommunication tools to 'reach' the disengaged patient with diabetes.
pson MJ.
Diabetes Obes. 2016 Apr;23(2):111-120.
es in diabetic retinopathy research.
w EY.
Diabetes Obes. 2016 Apr;23(2):91-96.
en the rs7903146 Polymorphism in the TCF7L2 Gene and Parameters Derived
lucose Monitoring in Individuals without Diabetes.
loordam R, Deelen J, Akintola AA, Jansen SW, Postmus I, Wijsman CA, Beekman
Slagboom PE, van Heemst D.
25;11(2):e0149992. doi: 10.1371/journal.pone.0149992. eCollection 2016.
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induces weight loss in subj

Ricerca libera

- Inserimento nella barra degli strumenti dei termini identificati
- Eventuale scelta tra i termini suggeriti
- Tasto Search
- Analisi dei risultati

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National Institutes of Health

Search: PubMed Limits Advanced search Help

DIABETES Search Clear

- 2 diabetes
- diabetes
- diabetes mellitus
- type 2 diabetes
- 1 diabetes
- type 1 diabetes
- gestational diabetes
- diabetes type

Turn off

llion citations for biomedical literature from MEDLINE, life science
may include links to full-text content from PubMed Central and publisher

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Genome Projects
Human Genome
Mouse Genome
Influenza Virus
Primer-BLAST
Sequence Read Archive

NCBI INFORMATION
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Research at NCBI
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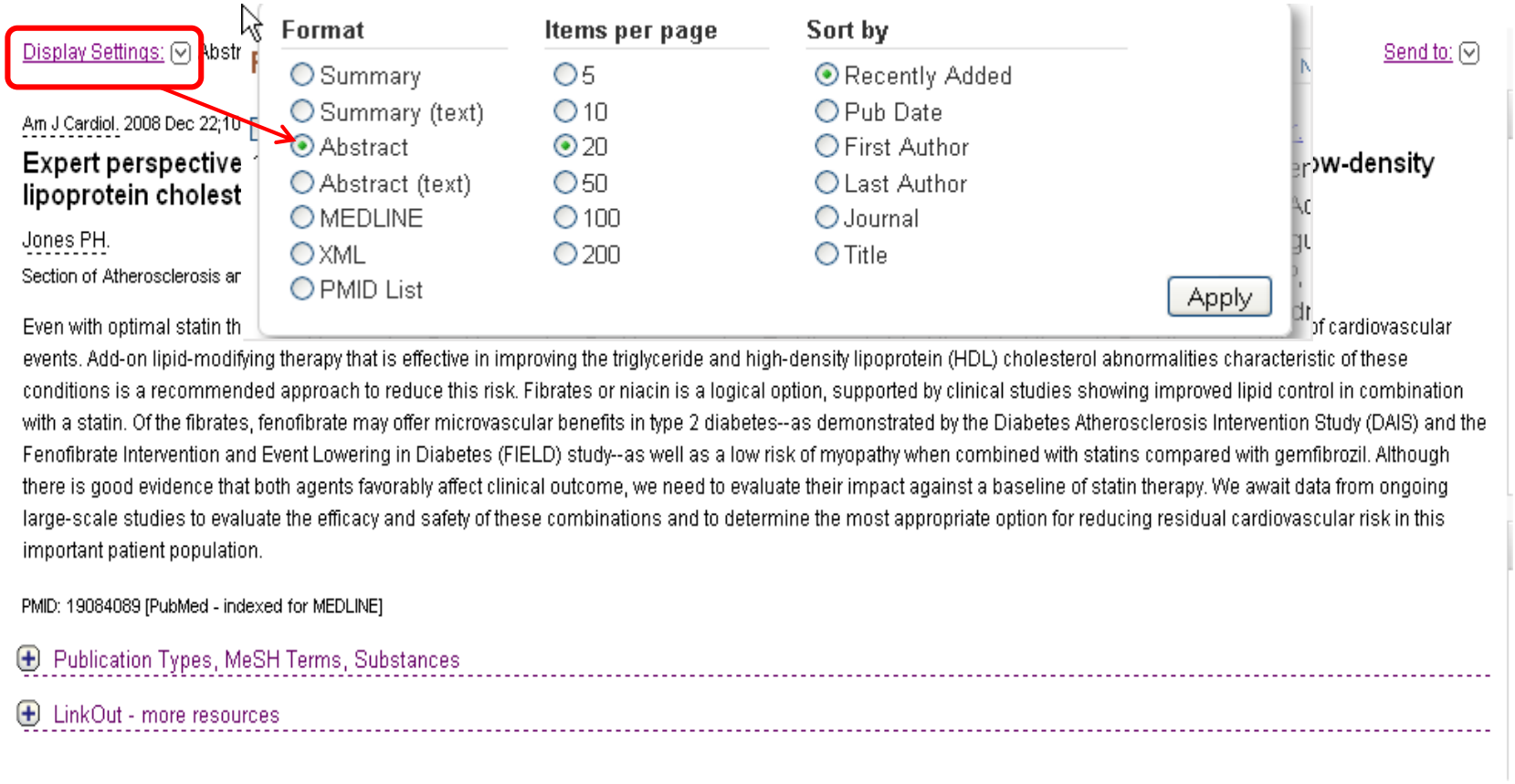
NCBI FTP Site

Formati


Display Settings:
Format
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Summary (text)
Abstract
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Sort by
Recently Added
Pub Date
First Author
Last Author
Journal
Title
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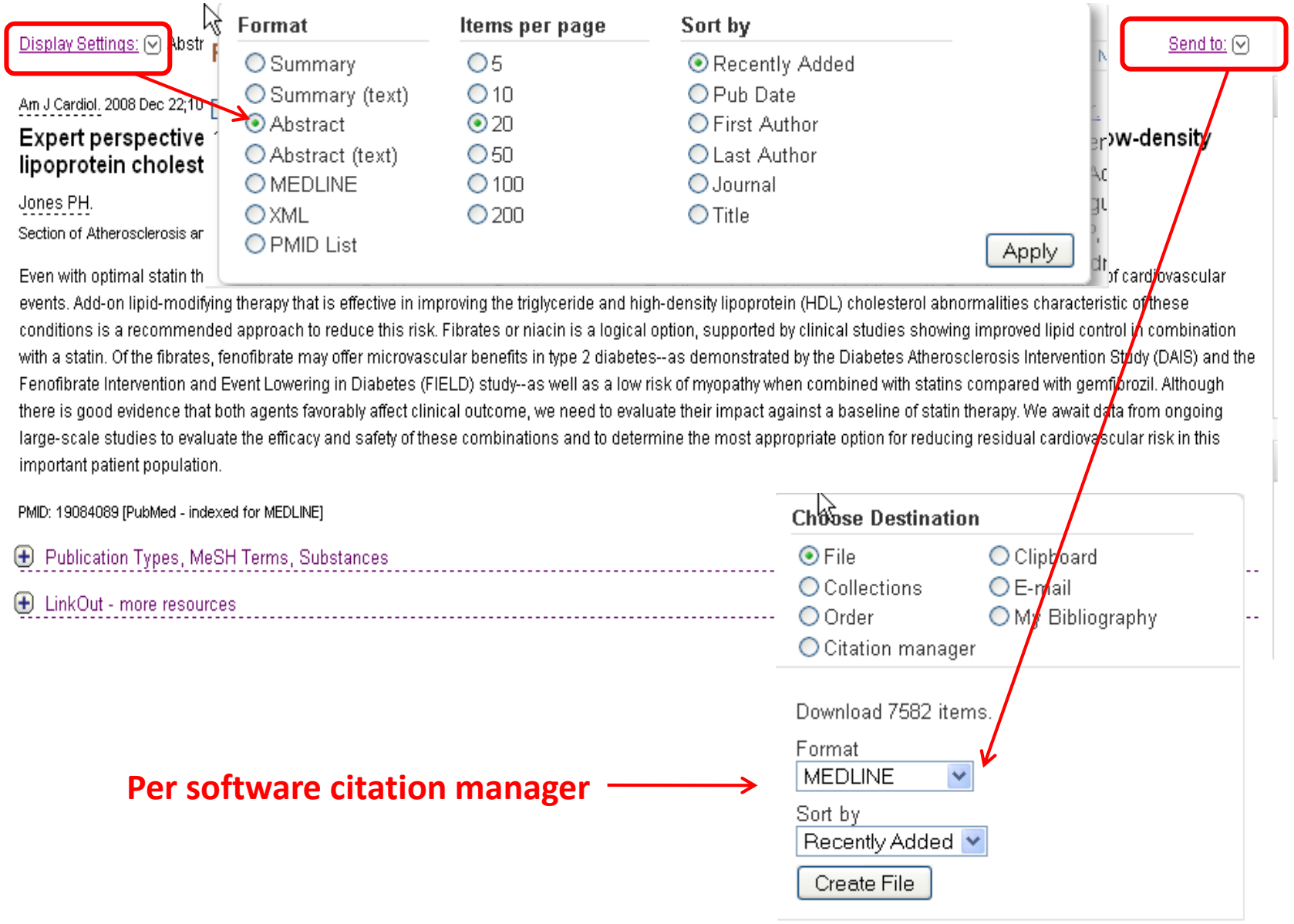
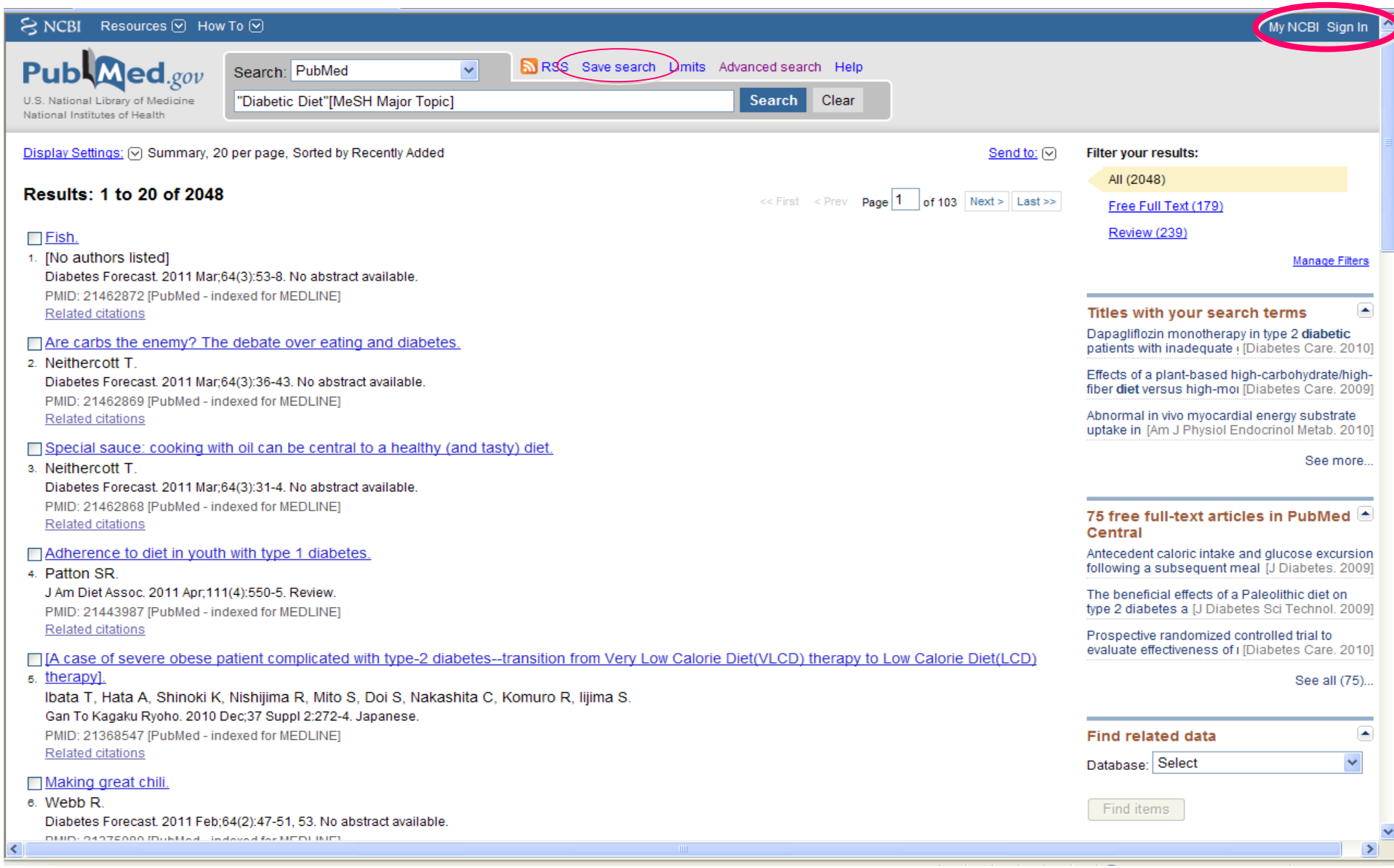
Am J Cardiol. 2008 Dec 22;10
Expert perspective
lipoprotein cholest
Jones PH.
Section of Atherosclerosis ar
Even with optimal statin th
of cardiovascular
events. Add-on lipid-modifying therapy that is effective in improving the triglyceride and high-density lipoprotein (HDL) cholesterol abnormalities characteristic of these conditions is a recommended approach to reduce this risk. Fibrates or niacin is a logical option, supported by clinical studies showing improved lipid control in combination with a statin. Of the fibrates, fenofibrate may offer microvascular benefits in type 2 diabetes--as demonstrated by the Diabetes Atherosclerosis Intervention Study (DAIS) and the Fenofibrate Intervention and Event Lowering in Diabetes (FIELD) study--as well as a low risk of myopathy when combined with statins compared with gemfibrozil. Although there is good evidence that both agents favorably affect clinical outcome, we need to evaluate their impact against a baseline of statin therapy. We await data from ongoing large-scale studies to evaluate the efficacy and safety of these combinations and to determine the most appropriate option for reducing residual cardiovascular risk in this important patient population.
PMID: 19084089 [PubMed - indexed for MEDLINE]
Publication Types, MeSH Terms, Substances
LinkOut - more resources

Formati



Per software citation manager →

MyNCBI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National Institutes of Health
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"Diabetic Diet"[MeSH Major Topic]
Search Clear
Display Settings: Summary, 20 per page, Sorted by Recently Added
Send to:
Results: 1 to 20 of 2048
<< First < Prev Page 1 of 103 Next > Last >>
Fish.
1. [No authors listed]
Diabetes Forecast. 2011 Mar;64(3):53-8. No abstract available.
PMID: 21462872 [PubMed - indexed for MEDLINE]
Related citations
Are carbs the enemy? The debate over eating and diabetes.
2. Neithercott T.
Diabetes Forecast. 2011 Mar;64(3):36-43. No abstract available.
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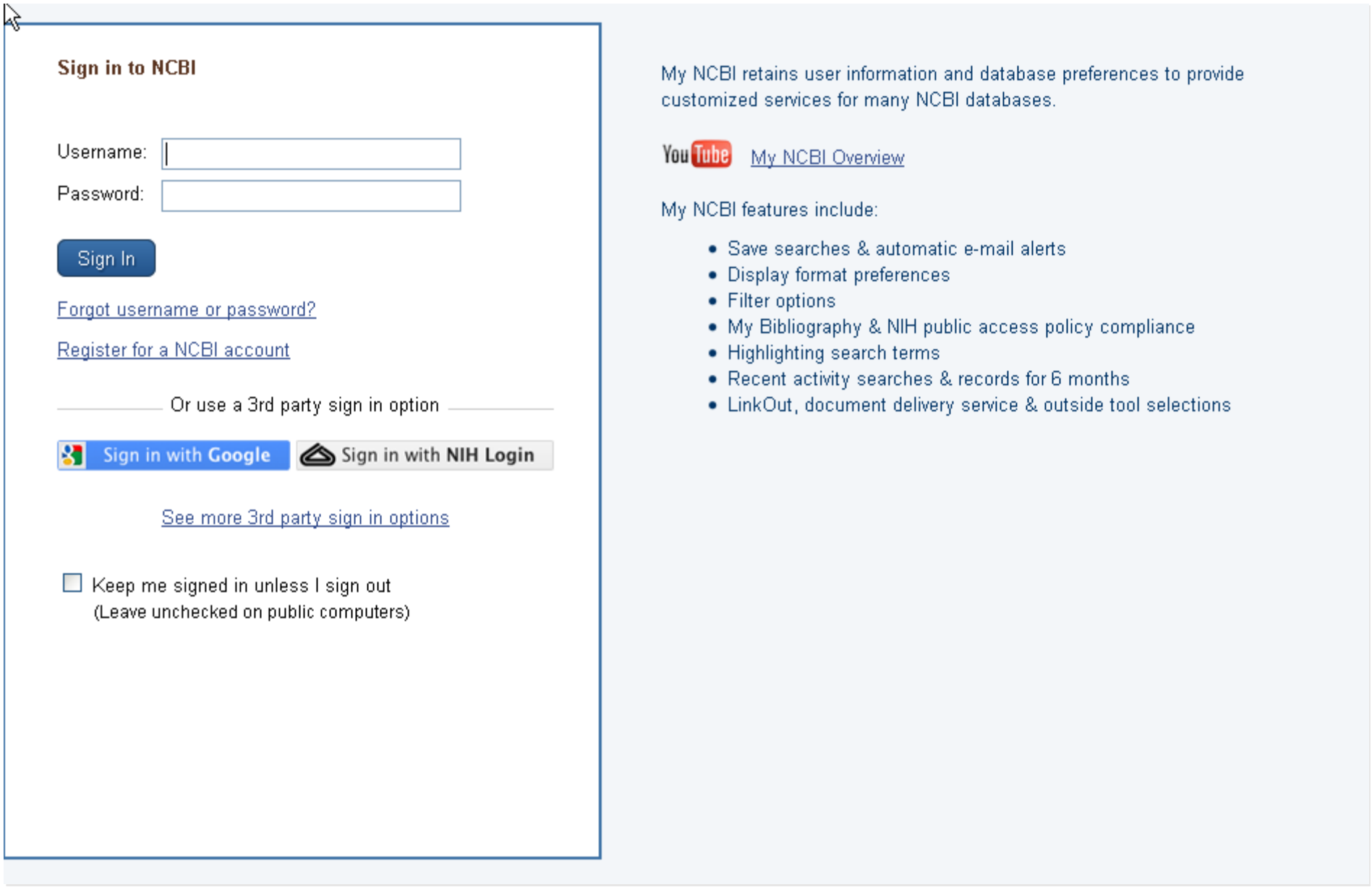
Special sauce: cooking with oil can be central to a healthy (and tasty) diet.
3. Neithercott T.
Diabetes Forecast. 2011 Mar;64(3):31-4. No abstract available.
PMID: 21462868 [PubMed - indexed for MEDLINE]
Related citations
Adherence to diet in youth with type 1 diabetes.
4. Patton SR.
J Am Diet Assoc. 2011 Apr;111(4):550-5. Review.
PMID: 21443987 [PubMed - indexed for MEDLINE]
Related citations
[A case of severe obese patient complicated with type-2 diabetes--transition from Very Low Calorie Diet(VLCD) therapy to Low Calorie Diet(LCD) therapy].
5. Ibata T, Hata A, Shinoki K, Nishijima R, Mito S, Doi S, Nakashita C, Komuro R, Iijima S.
Gan To Kagaku Ryoho. 2010 Dec;37 Suppl 2:272-4. Japanese.
PMID: 21368547 [PubMed - indexed for MEDLINE]
Related citations
Making great chili.
6. Webb R.
Diabetes Forecast. 2011 Feb;64(2):47-51, 53. No abstract available.
Filter your results:
All (2048)
Free Full Text (179)
Review (239)
Manage Filters
Titles with your search terms
Dapagliflozin monotherapy in type 2 diabetic patients with inadequate [Diabetes Care. 2010]
Effects of a plant-based high-carbohydrate/high-fiber diet versus high-mo [Diabetes Care. 2009]
Abnormal in vivo myocardial energy substrate uptake in [Am J Physiol Endocrinol Metab. 2010]
See more...
75 free full-text articles in PubMed Central
Antecedent caloric intake and glucose excursion following a subsequent meal [J Diabetes. 2009]
The beneficial effects of a Paleolithic diet on type 2 diabetes a [J Diabetes Sci Technol. 2009]
Prospective randomized controlled trial to evaluate effectiveness of [Diabetes Care. 2010]
See all (75)...
Find related data
Database: Select
Find items


Sign in to NCBI
Username:
Password:
Sign In
Forgot username or password?
Register for a NCBI account
Or use a 3rd party sign in option
Sign in with Google
Sign in with NIH Login
See more 3rd party sign in options
Keep me signed in unless I sign out
(Leave unchecked on public computers)
My NCBI retains user information and database preferences to provide customized services for many NCBI databases.
My NCBI Overview
My NCBI features include:
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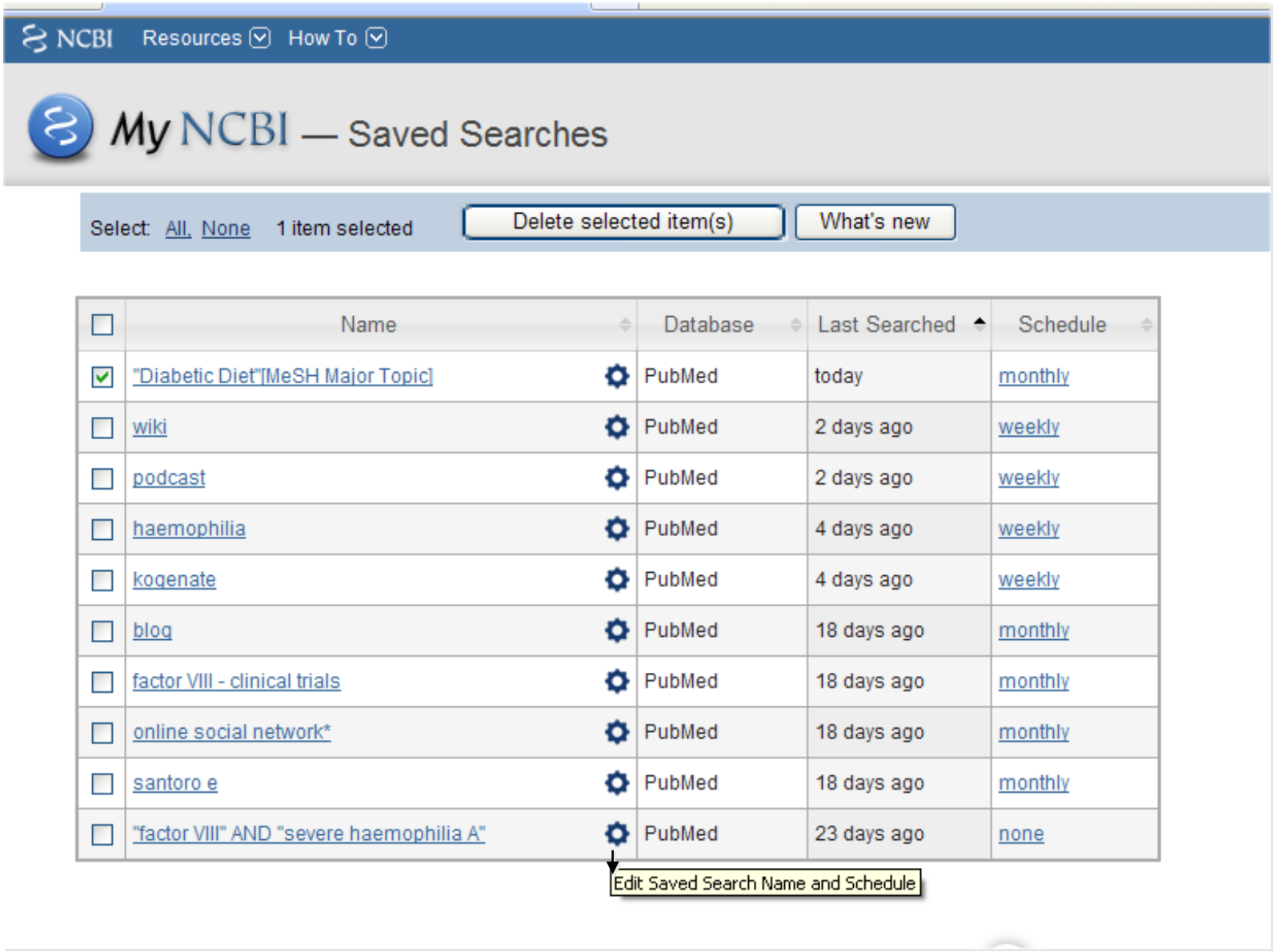
NCBI
Resources
How To
My NCBI — Saved Searches
Select: All, None 1 item selected
Delete selected item(s)
What's new
Name
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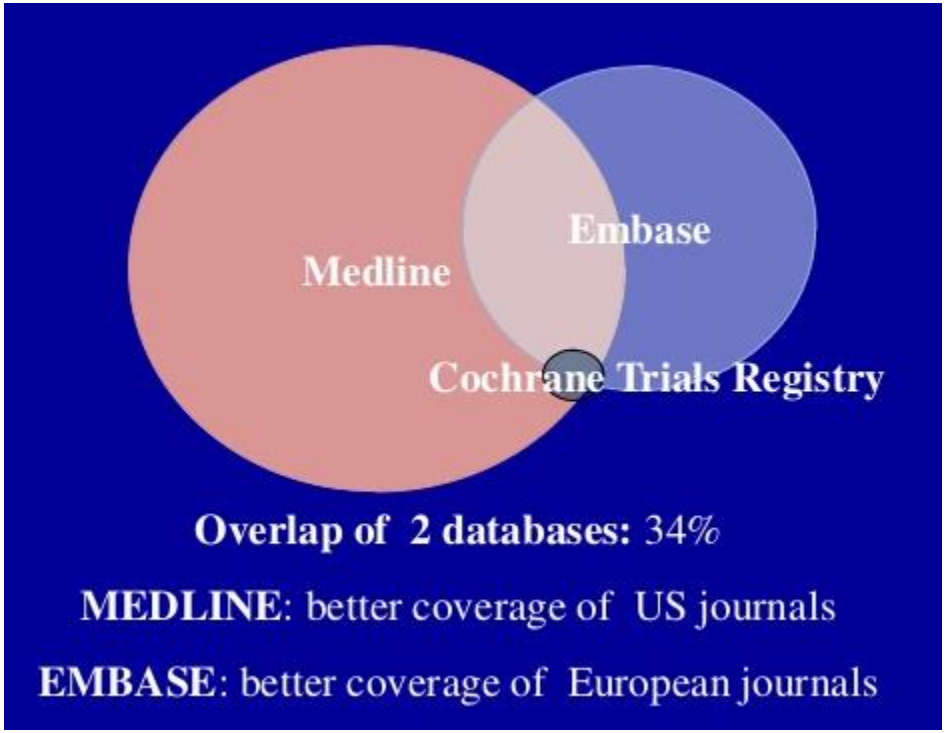
Schedule
"Diabetic Diet"[MeSH Major Topic] PubMed today monthly
wiki PubMed 2 days ago weekly
podcast PubMed 2 days ago weekly
haemophilia PubMed 4 days ago weekly
kogenate PubMed 4 days ago weekly
blog PubMed 18 days ago monthly
factor VIII - clinical trials PubMed 18 days ago monthly
online social network* PubMed 18 days ago monthly
santoro e PubMed 18 days ago monthly
"factor VIII" AND "severe haemophilia A" PubMed 23 days ago none
Edit Saved Search Name and Schedule

Database Overlap

Of the 4,800 journals indexed in EMBASE, 1,800 are not indexed in MEDLINE.

Similarly, of the 5,200 journals indexed in MEDLINE, 1,800 are not indexed in EMBASE.



Embase®

- EMBASE è una banca dati bibliografica di ambito biomedico specializzata in campo farmacologico-farmaceutico
- A partire dagli ultimi anni dedica un'attenzione particolare all'*Evidence Based Medicine* (studi clinici controllati, meta-analisi, revisioni sistematiche, Cochrane Reviews)
- I record sono indicizzati con descrittori e sottodescrittori di un thesaurus (EMTREE)

https://www.elsevier.com/solutions/embase-biomedical-research

Contenuti

- Embase oggi comprende i record provenienti da:
  - ❑ Embase Classic 1947-1973
  - ❑ Embase (1974-oggi)
  - ❑ Medline più Oldmedline
- I record presenti sia in Embase che in Medline sono deduplicati (è mantenuto solo il record di Embase)

Modalità di ricerca

Come?

- ❑QUICK
- ❑ADVANCED
- ❑(PER CAMPI)

Cosa?

- ❑DRUG
- ❑DISEASE
- ❑ARTICLE

Oltre a:

- ❑AUTHORS
- ❑JOURNALS

Strumenti di ricerca

- ✓**OPERATORI BOOLEANI (AND/OR/NOT)**

- ✓**CARATTERI SPECIALI (*, ?)**

  *** = recupera le parole con la radice indicata, qualsiasi sia la desinenza.**

  Esempio: cat* trova cat, cats, catalyst, catastrophe

  ? = sostituisce una sola lettera.

  Esempio: wom?n trova woman oppure women

- ✓**THESAURUS (Emtree)**

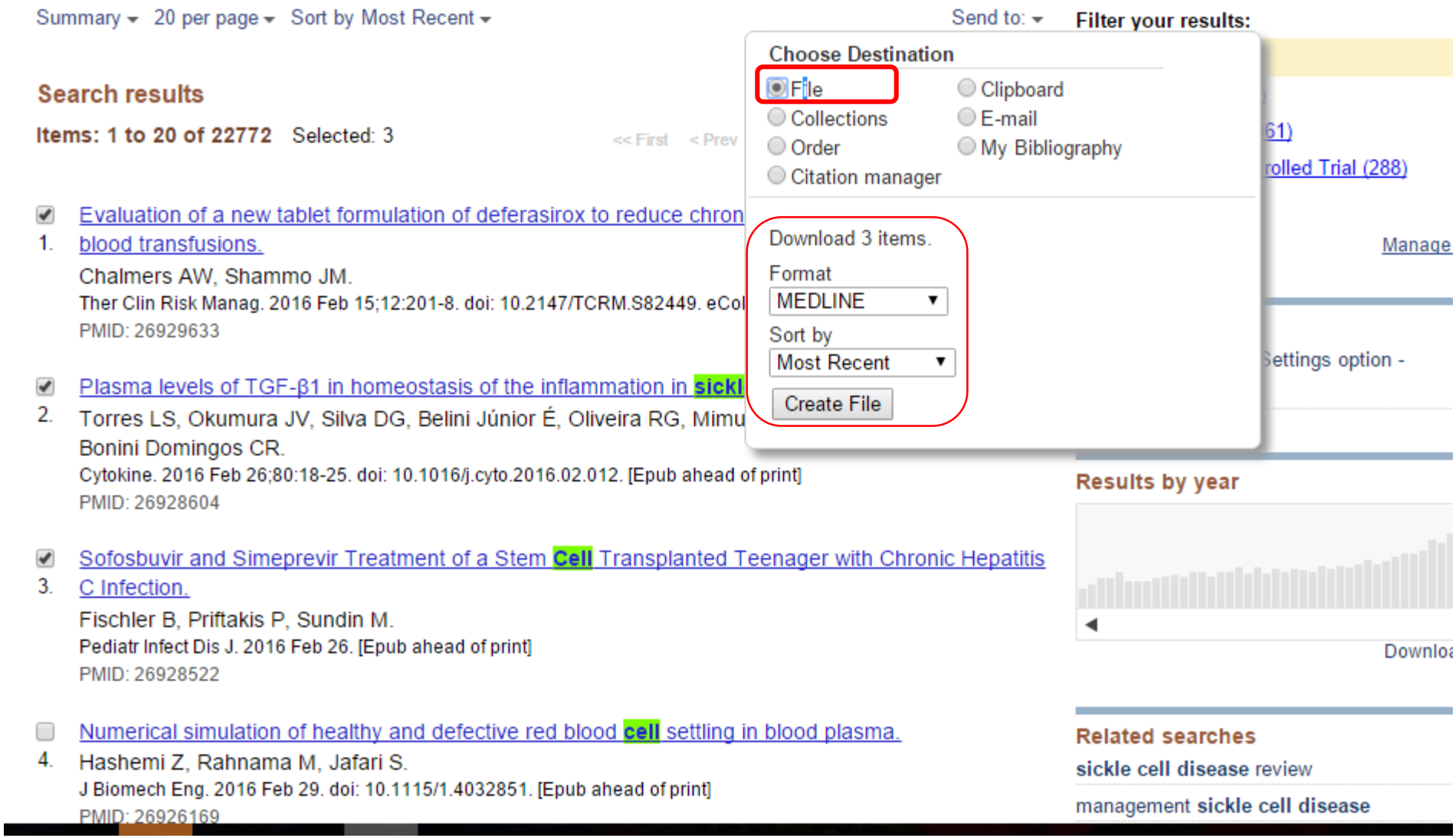
- ✓**Limiti**

Output della strategia di ricerca

RISULTATO

Lista di studi potenzialmente includibili

List of records



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DCOM- 20160301
IS  - 1176-6336 (Print)
IS  - 1176-6336 (Linking)
VI  - 12
DP  - 2016
TI  - Evaluation of a new tablet formulation of deferasirox to reduce chronic iron
      overload after long-term blood transfusions.
PG  - 201-8
LID - 10.2147/TCRM.S82449 [doi]
AB  - Transfusion-dependent anemia is a common feature in a wide array of hematological
      disorders, including thalassemia, sickle cell disease, aplastic anemia,
      myelofibrosis, and myelo-dysplastic syndromes. In the absence of a physiological
      mechanism to excrete excess iron, chronic transfusions ultimately cause iron
      overload. Without correction, iron overload can lead to end-organ damage,
      resulting in cardiac, hepatic, and endocrine dysfunction/failure. Iron chelating
      agents are utilized to reduce iron overload, as they form a complex with iron,
      leading to its clearance. Iron chelation has been proven to decrease organ
      dysfunction and improve survival in certain transfusion-dependent anemias, such
      as beta-thalassemia. Several chelating agents have been approved by the United
      States Food and Drug Administration for the treatment of iron overload, including
      deferoxamine, deferiprone, and deferasirox. A variety of factors have to be
      considered when choosing an iron chelator, including dosing schedule, route of
      administration, tolerability, and side effect profile. Deferasirox is an orally
      administered iron chelator with proven efficacy and safety in multiple
      hematological disorders. There are two formulations of deferasirox, a tablet for
      suspension, and a new tablet form. This paper is intended to provide an overview
      of iron overload, with a focus on deferasirox, and its recently approved
      formulation Jadenu((R)) for the reduction of transfusional iron overload in
      hematological disorders.
FAU - Chalmers, Anna W
AU  - Chalmers AW
```

pubmed_result (1) - Blocco note

File Modifica Formato Visualizza ?

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PMID- 26929633
OWN - NLM
STAT- PubMed-not-MEDLINE
DA  - 20160301
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      considered when choosing an iron chelator, including dosing schedule, route of
      administration, tolerability, and side effect profile. Deferasirox is an orally
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      formulation Jadenu((R)) for the reduction of transfusional iron overload in
      hematological disorders.
FAU - Chalmers, Anna W
AU  - Chalmers AW
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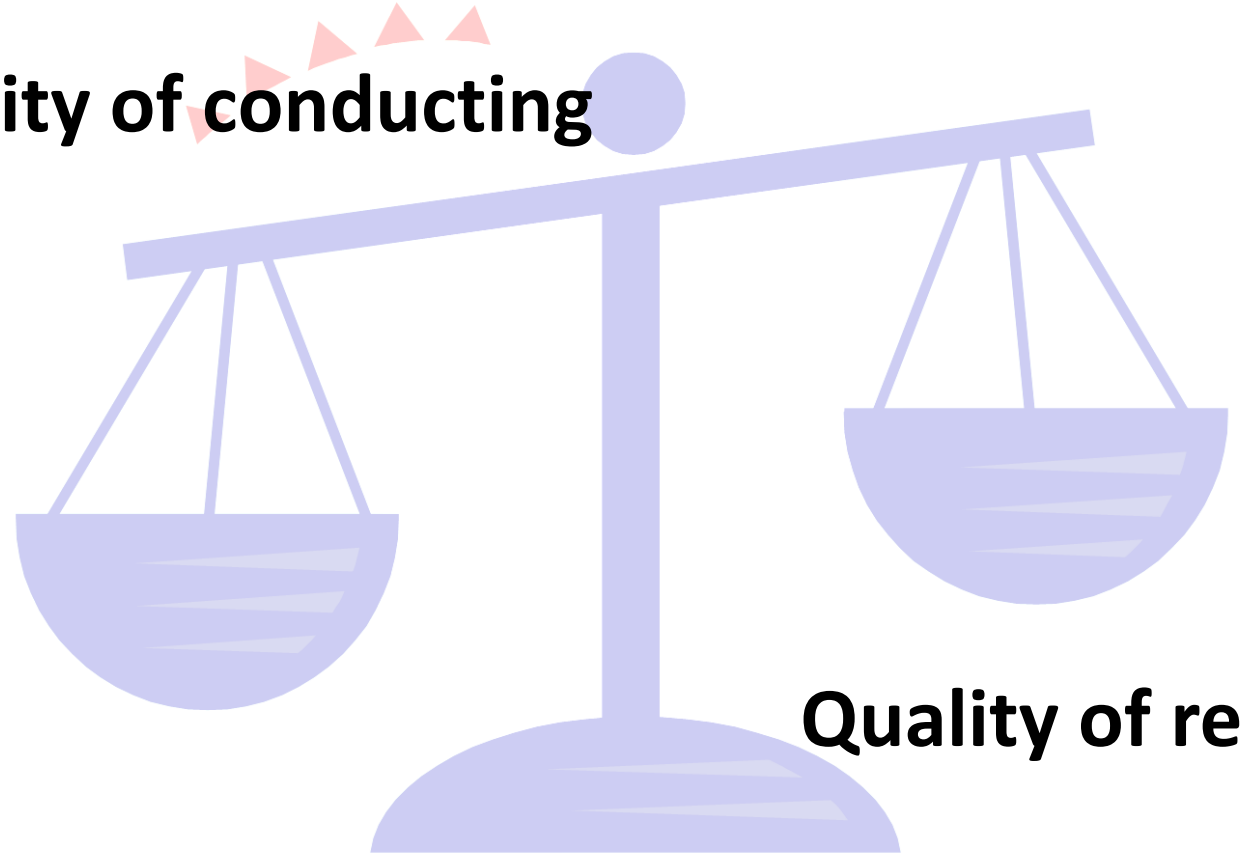
What and How?

Quality of conducting

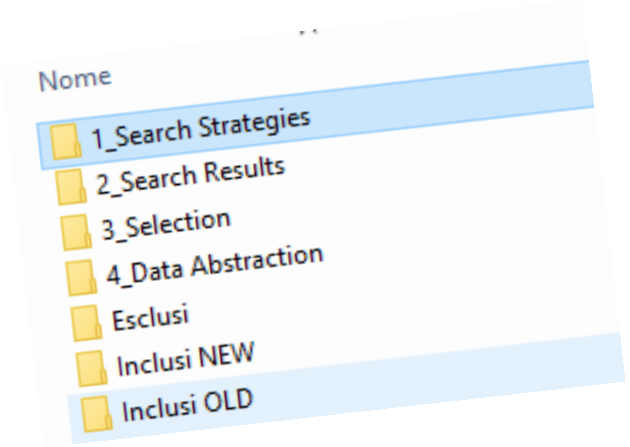


Quality of reporting

Conducting

Document

the selection process in sufficient detail to complete a PRISMA flow chart



THOMSON REUTERS ENDNOTE

zotero

MENDELEY

Included or excluded?

Was a list of studies (included and excluded) provided?

- A list of included and excluded studies should be provided.
- Provide justification for each exclusion.

Duplicate selection

Was there duplicate study selection?

There should be at least two independent data extractors and a consensus procedure for disagreements should be in place

In pratica..

1. Ottenere una unica lista di referenze

- I risultati della ricerca di ogni database vanno importati su un programma di gestione delle referenze (endnote, excel)
- Eliminare i doppioni (stesso articolo indicizzato su più di una banca dati e quindi trovato più volte)

In pratica..

1. Ottenere una unica lista di referenze

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- Eliminare i doppioni (stesso articolo indicizzato su più di una banca dati e quindi trovato più volte)

2. Selezionare gli articoli potenzialmente rilevanti da acquisire in full text

- Scriversi su un foglio i criteri di inclusione sotto forma di PICOS
- Valutare ogni titolo e abstract rispetto al PICOS

3. Obiettivo è non perdere nulla

- Fare il lavoro in due in modo indipendente
- In caso di dubbio, disaccordo o mancanza di abstract il titolo si seleziona lo stesso

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- Fare il lavoro in due in modo indipendente
- In caso di dubbio, disaccordo o mancanza di abstract il titolo si seleziona lo stesso

4. Procurarsi i full text

3. Obiettivo è non perdere nulla

- Fare il lavoro in due in modo indipendente
- In caso di dubbio, disaccordo o mancanza di abstract il titolo si seleziona lo stesso

4. Procurarsi i full text

5. Rivalutare ogni articolo leggendo il full text rispetto al PICOS

- Fare il lavoro in due in modo indipendente
- Confrontarsi sui risultati
- In questa fase vanno presi solo gli articoli realmente pertinenti
  In caso di differenze:
  - Risolvere il disaccordo tramite discussione
  - Rivolgersi a terzo revisore

6. Fare lista di studi esclusi

- Indicare ragione dell'esclusione sempre in base al PICOS
- Es: studi esclusi perché partecipanti non nei criteri di inclusione, intervento non nei criteri di inclusione, disegno di studio non nei criteri di inclusione
- Questo lavoro va fatto solo sui full text, non per gli studi esclusi sulla base dell' abstract

6. Fare lista di studi esclusi

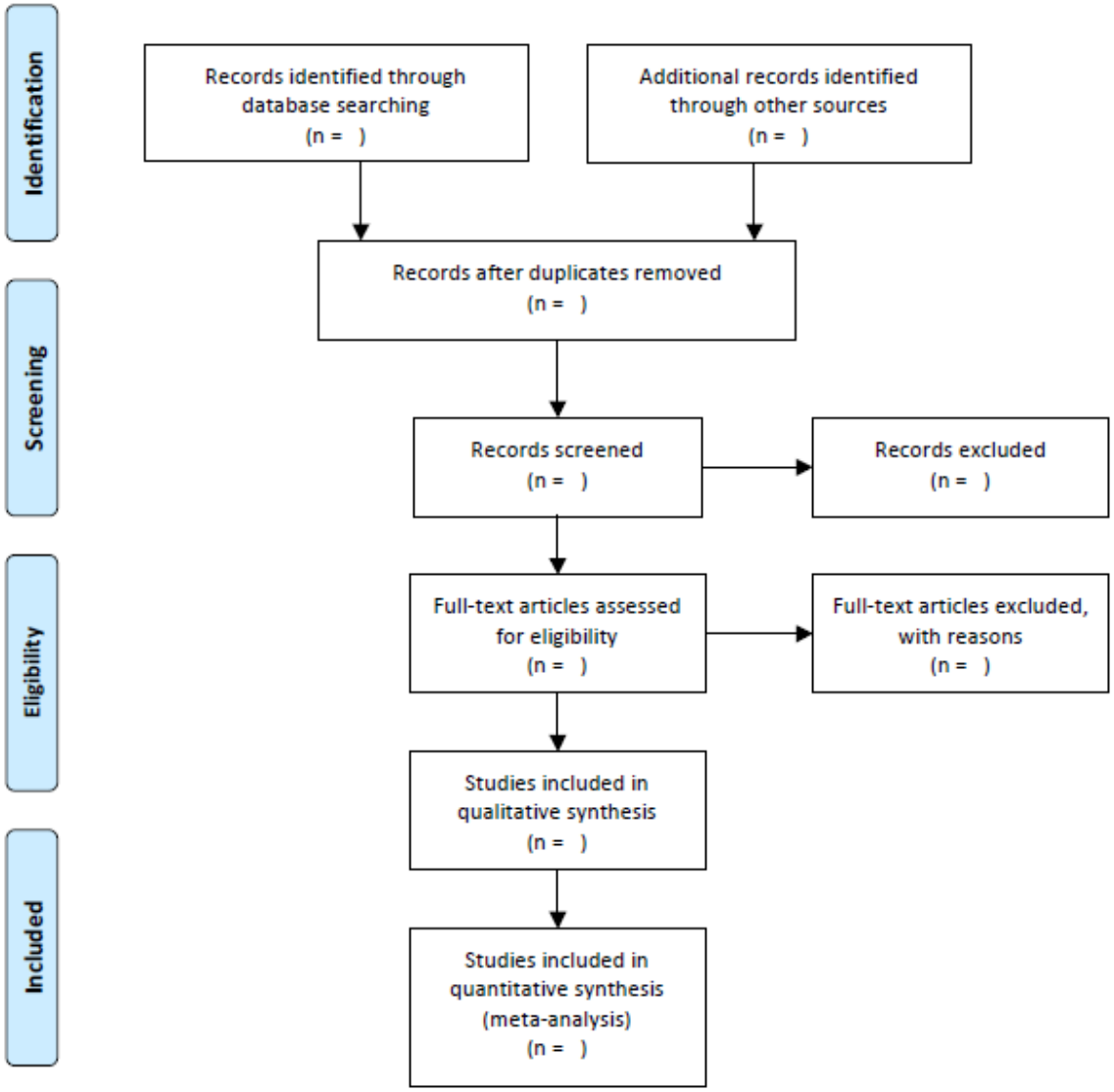
- Indicare ragione dell'esclusione sempre in base al PICOS
- Es: studi esclusi perché partecipanti non nei criteri di inclusione, intervento non nei criteri di inclusione, disegno di studio non nei criteri di inclusione
- Questo lavoro va fatto solo sui full text, non per gli studi esclusi sulla base dell' abstract

7. Fare lista finali di studi inclusi

- Se presenti più record di un articolo tenerli per eventuali dati

  Es: diversi periodi di follow up, analisi di sottogruppi; doppie pubblicazioni (stesso studio pubblicato più volte su riviste diverse con titolo diverso e/o diverso ordine degli autori)

8. Fare flow chart (es: PRISMA)



Reporting

METHOD SECTION

RESULTS SECTION

Method section

Search methods for identification of studies

We searched the Cochrane Central Register of Controlled Trials (Issue 3, 2004) and these electronic databases: MEDLINE and EMBASE (up to October 2004), PsychInfo and CINAHL (1999 to October 2004). We conducted citation searches, screened cited references of exercise reviews and contacted content experts for additional trials. We did not restrict the searches or inclusion criteria to any specific language (see Appendix 1; Appendix 2 for full strategy).

Riportate per esteso per permettere RIPRODUCIBILITA' e UPDATE

Salvare le strategie di ricerca per poter includerle nella review

Hyden et al. 2011

Appendix

Appendix I. CENTRAL search strategy

1.	#1	MeSH descriptor Back explode all trees
2.	#2	MeSH descriptor Buttocks, this term only
3.	#3	MeSH descriptor Leg, this term only
4.	#4	MeSH descriptor Back Pain explode tree 1
5.	#5	MeSH descriptor Back Injuries explode all trees
6.	#6	MeSH descriptor Low Back Pain, this term only
7.	#7	MeSH descriptor Sciatica, this term only
8.	#8	(low next back next pain)
9.	#9	(lbp)
10.	#10	(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9)
11.	#11	MeSH descriptor Musculoskeletal Manipulations explode all trees
12.	#12	MeSH descriptor Chiropractic explode all trees
13.	#13	manip*
14.	#14	MeSH descriptor Osteopathic Medicine explode all trees
15.	#15	osteopath*
16.	#16	chiropract*
17.	#17	(#11 OR #12 OR #13 OR #14 OR #15 OR #16)
18.	#18	(#17 AND #10
19.	#19	(#18)

RIPRODUCIBILITA' e UPDATE

Update della strategia di ricerca

- La ricerca bibliografica è il primo processo da eseguire dopo aver scritto il protocollo
- È probabile che quando si sottomette la review per la pubblicazione la ricerca sia «vecchia»
- Le riviste sono più interessate a studi aggiornati…

Rerun or update searches for all relevant databases within 12 months before publication of the review or review update, and screen the results for potentially eligible studies.
Mandatory

Incorporate fully any studies identified in the rerun or update of the search within 12 months before publication of the review or review update.
Highly desirable

(MECIR- Conduct Cochrane Collaboration)

Method section

Study selection

- State the process for selecting studies (i.e., screening, eligibility, included in systematic review, and, if applicable,included in the meta-analysis)
- How many people are involved
- Did they work independently?
- Describe how disagreements were handled

..in the text

Selecting trials for inclusion:

All the citations identified by the above searches were downloaded into a reference manager database. Two authors (ES and RYN), non-blinded to authors and publication journals, independently screened for inclusion, using the pre-specified criteria. If it was clear from the abstract that the study did not meet the selection criteria, it was excluded. If it was unclear from the abstract whether the study met the selection criteria, the full paper was retrieved. Two authors (MAK and SAMH), using the same selection criteria used for the abstract screening, read the full paper and made final selection decisions. Any discrepancies were resolved by discussion, followed, if necessary, by a third reviewer (RYN) if disagreement persisted.

For studies that were excluded following review of the full text, reasons for exclusion were detailed in the Characteristics of Excluded Studies table, with a summary provided in the text of the review.

Yousefi-Nooraie et al. 2011

Results section

Study selection

- Give numbers of studies screened, assessed for eligibility, and included in the review, with reasons for exclusions at each stage, ideally with a flow diagram

Studies awaiting classification

- List the characteristics of any studies that have been identified as potentially eligible but have not been incorporated into the review - Studies about which an inclusion or exclusion decision cannot be made because sufficient information is not currently available.

..in the text

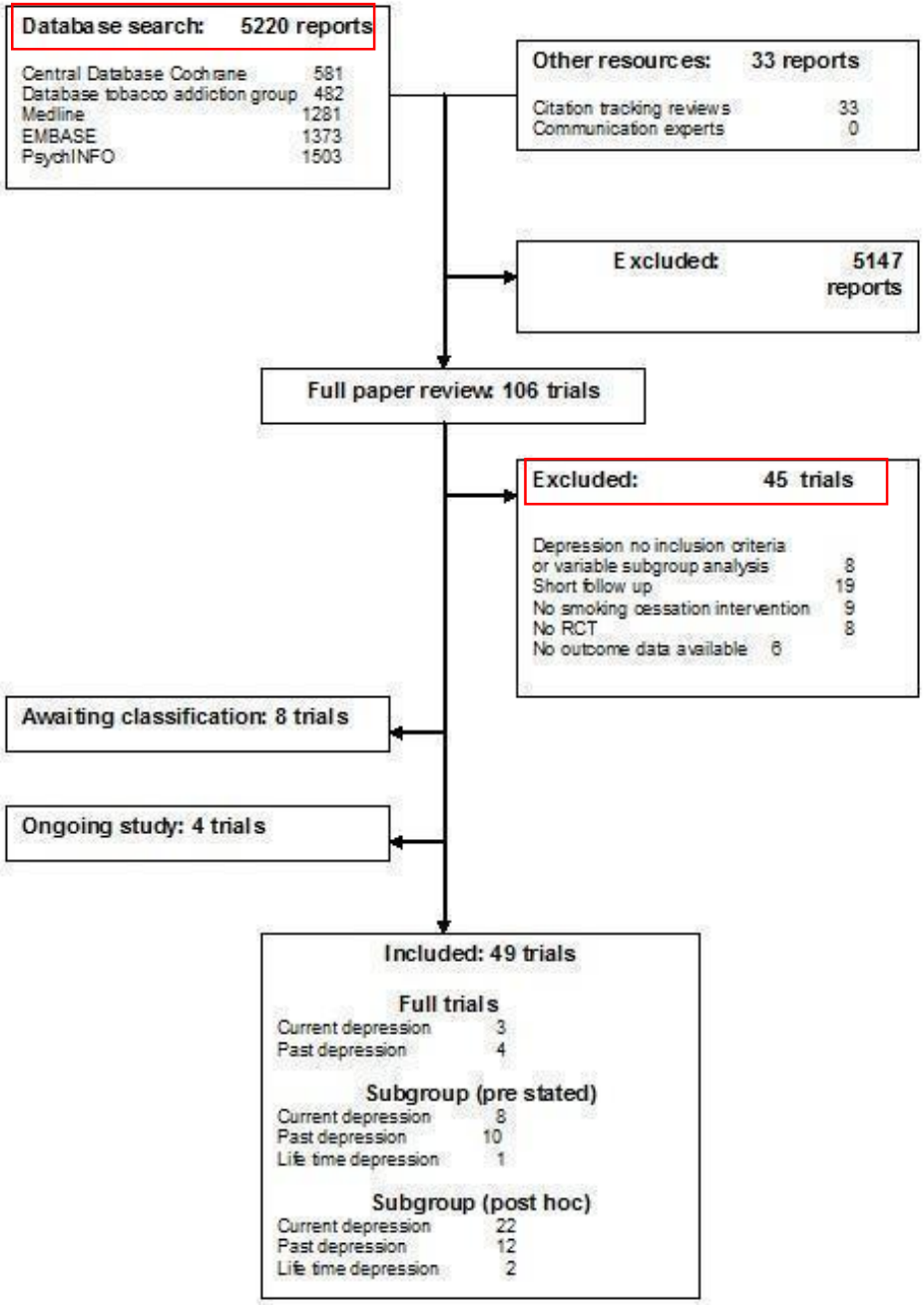
Good quality of reporting

We identified 5220 reports fr om the electronic search of the databases. See **Figure 1** for a summary of the process for identifying trials for inclusion. We identified 33 reports by checking the reference lists of relevant reviews and through communication with experts in the tobacco control and depression field. After screening, we reviewed the full text of 106 trials that were considered potentially eligible. Of these, 45 trials were excluded after reviewing the full text (see Characteristics of excluded studies). Four studies were ongoing and the outcomes are expected in 2013 to 2014 (see Characteristics of ongoing studies). Eight studies are awaiting classification. We asked the authors for additional data, which they have not yet supplied (see Characteristics of studies awaiting classification).

(Van der Meer RM 2013 Rev Cochrane Database)

Poor quality of reporting

We identified and included 21 reports of 7 trials with a total of 260 participants. (Tsoi 2010)



..in the text

(Van der Meer RM 2013 Rev Cochrane Database)