

امکانات پیشرفته پایگاه اطلاعاتی PubMed

پروانه مدیرامانی
کتابخانه مرکزی
دانشگاه علوم پزشکی مشهد

صفحه خانگی پاب مد

NCBI Resources How To My NCBI | Sign In

PubMed.gov
U.S. National Library of Medicine
National Institutes of Health

Search: PubMed Advanced search Help



Using PubMed

[PubMed Quick Start](#)

[New and Noteworthy](#) 

[PubMed Tutorials](#)

[Full Text Articles](#)

[PubMed FAQs](#)

PubMed Tools

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[Topic-Specific Queries](#)

More Resources

[MeSH Database](#)

[Journals Database](#)

[Clinical Trials](#)

[E-Utilities](#)

شیوه جستجوی ساده

PubMed: Simple Subject Search

NCBI Resources How To drpeabody | My NCBI | Sign Out

PubMed.gov
U.S. National Library of Medicine
National Institutes of Health

Search: PubMed Advanced search Help

sleep walking cau

sleep walking causes
sleep walking cause

Search Clear

Turn off
articles from PubMed Central or publisher
web sites.

Notes
s to
reports

Using PubMed

- PubMed Quick Start
- Search by Author
- Search by Journal
- Full Text Articles
- PubMed FAQs

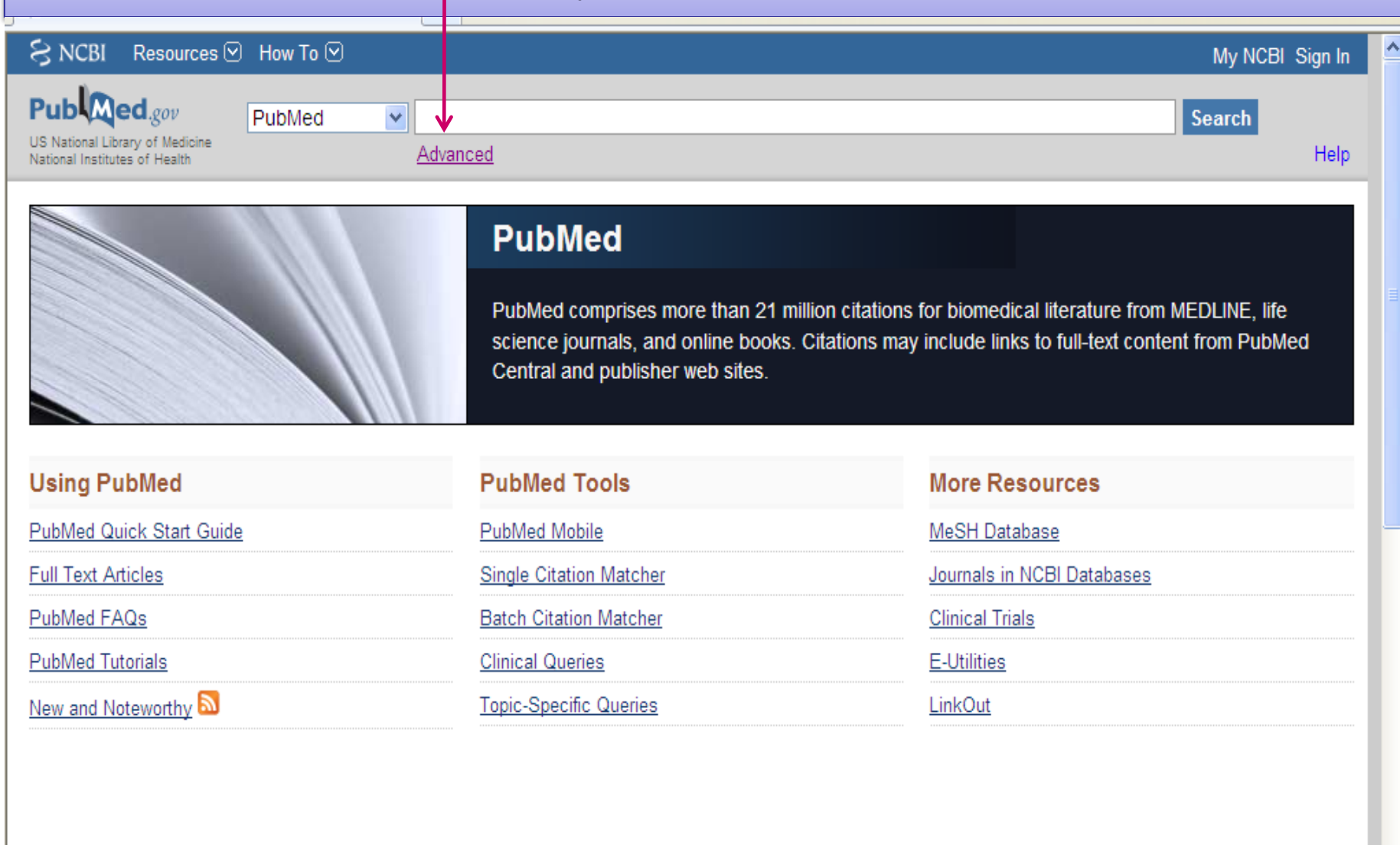
PubMed Tools

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

More Resources

- New and Noteworthy
- PubMed Tutorials
- MeSH Database
- Journals Database
- Clinical Trials

شیوه جستجوی پیشرفته



The screenshot shows the PubMed website interface. At the top, there is a navigation bar with links for NCBI, Resources, and How To. Below this is the PubMed logo and the text "US National Library of Medicine National Institutes of Health". A search bar is present with a dropdown menu set to "PubMed" and a "Search" button. A red arrow points from the Persian title "شیوه جستجوی پیشرفته" to the "Advanced" link, which is located below the search bar. The main content area features a large image of a book and a section titled "PubMed" with a description of the database. Below this, there are three columns of links: "Using PubMed", "PubMed Tools", and "More Resources".

NCBI Resources How To My NCBI Sign In

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

PubMed

Advanced

Search

Help

PubMed

PubMed comprises more than 21 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

Using PubMed

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

PubMed Tools

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

More Resources

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

صفحه جستجوی پیشرفته

NCBI Resources ▾ How To ▾ My NCBI Sign In

PubMed Home More Resources ▾ Help

PubMed Advanced Search Builder

Use the builder below to create your search

[Edit](#) [Clear](#)

Builder

All Fields ▾

AND ▾ All Fields ▾

or [Add to history](#)

[Show index list](#)

[Show index list](#)

History [Clear history](#)

There is no recent history

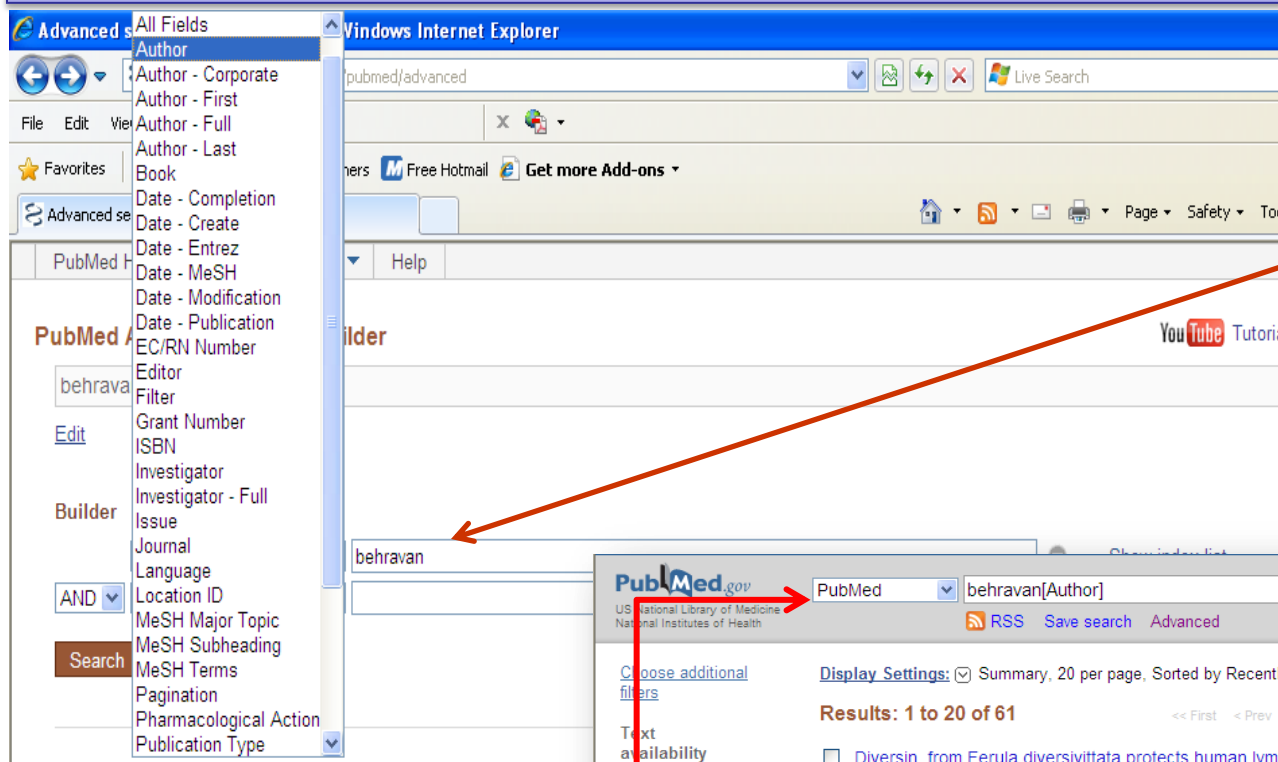
دلایل استفاده از این شیوه:

- ☐ در فیلد خاصی باید جستجو کنیم : asthma [ti]
- ☐ مروری بر واژه های ایندکس
- ☐ ترکیب جستجوها با استفاده از جستجوهای قبلی
- ☐ پیش نمایشی از نتایج جستجوهای قبلی

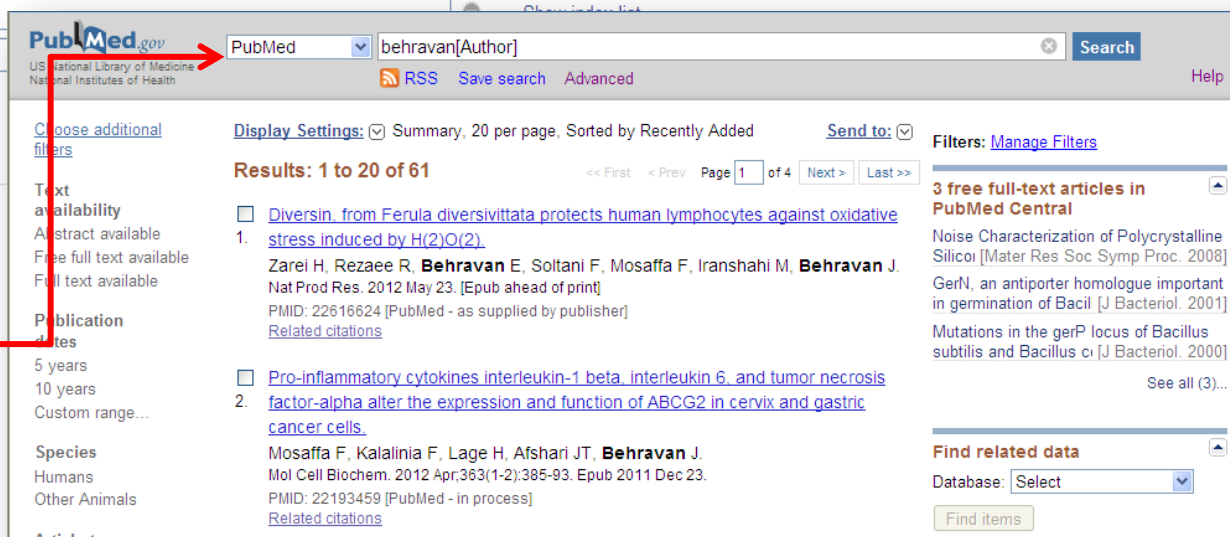
جستجوی فیلدی خاص

Searching by a specific field

مثلا برای جستجوی مقالات یک نویسنده:
تایپ نام نویسنده
انتخاب فیلد Author

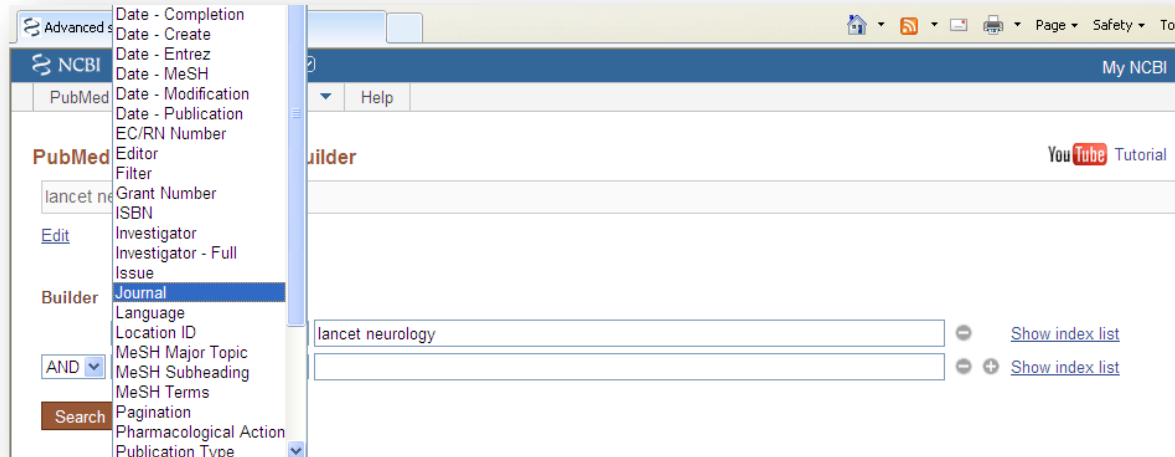


مقالات نویسنده مورد نظرمان در PubMed

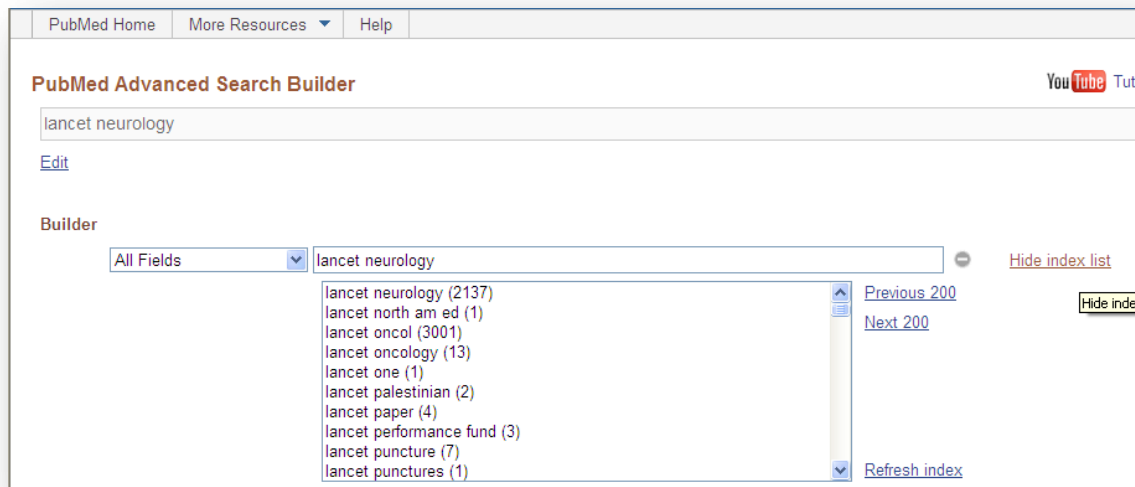


To search by journal:

1) select Journal from the All Fields menu, enter a journal name & click on **Search**.



2) Type a journal name & click on **Show Index list > select the Journal > Search**



کاربرد Index list در جستجوی پیشرفته

Builder

All Fields atherosclerosis - Show index list

ANC All Fields - + Show index list

Search or Add to history

نمایشی الفبایی از واژگان PubMed

PubMed Advanced Search Builder YouTube Tutorial

atherosclerosis Edit Clear

Builder

All Fields atherosclerosis - Hide index list

- atherosclerosis (87188)
- atherosclerosis/alcoholism (1)
- atherosclerosis/arterial (1)
- atherosclerosis/arteriosclerosis (2)
- atherosclerosis/atherothrombosis (2)
- atherosclerosis/blood (1912)
- atherosclerosis/calcification (2)
- atherosclerosis/calcinosis (3)
- atherosclerosis/cardiovascular (1)
- atherosclerosis/cerebrospinal fluid (1)

Previous 200
Next 200
Refresh index

نمایشی الفبایی از موضوع مورد نظر شما + تعداد مقالات در PubMed

[Choose additional filters](#)

Display Settings: ☒ Summary, 20 per page, Sorted by Recently Added

Filters: [Manage Filters](#)

Text availability

Abstract available
Free full text available
Full text available

Publication dates

5 years
10 years
Custom range...

Species

Humans
Other Animals

Article

Results: 1 to 20 of 87855

- ☐ [Screening for carotid artery stenosis and renal artery stenosis in patients undergoing tunneled cuffed hemodialysis catheter placement.](#)

Lin R, Hingorani A, Marks N, Ascher E, Jimenez R, Aboian E, McIntyre T, Jacob T.

Vasc Endovascular Surg. 2012 Jul;46(5):364-8.

PMID: 22730399 [PubMed - in process]

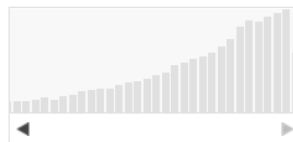
[Related citations](#)

- ☐ [Apolipoprotein E4 Impairs Macrophage Efferocytosis and Potentiates Apoptosis by Accelerating Endoplasmic Reticulum Stress.](#)

2. Cash JG, Kuhel DG, Basford JE, Jaeschke A, Chatterjee TK, Weintraub NL, Hui DY.

J Biol Chem. 2012 Jun 23. [Epub ahead of print]

Results by year



Related searches

[atherosclerosis](#) review

carotid [atherosclerosis](#)

[atherosclerosis](#) mice

coronary [atherosclerosis](#)

cell [atherosclerosis](#)

کاربرد Search details

تفسیر و ترجمه واژه های جستجو
شده توسط PubMed

- ☐ [Increased Th17 cell frequency concomitant with decreased Foxp3+](#)

7. [Treg cell frequency in the peripheral circulation of patients with carotid artery plaques.](#)

Liu ZD, Wang L, Lu FH, Pan H, Zhao YX, Wang SJ, Sun SW, Li CL, Hu XL.

Search details

"atherosclerosis"[MeSH Terms]
OR "atherosclerosis"[All Fields]

Search



See more...



Search Details

Query Translation:

```
("atherosclerosis"[MeSH Terms] OR "atherosclerosis"[All Fields]) AND ("etiology"[Subheading] OR "etiology"[All Fields] OR "causes"[All Fields] OR "causality"[MeSH Terms] OR "causality"[All Fields]) AND ("women"[MeSH Terms] OR "women"[All Fields])
```

Search

URL

Translations:

atherosclerosis	"atherosclerosis"[MeSH Terms] OR "atherosclerosis"[All Fields]
causes	"etiology"[Subheading] OR "etiology"[All Fields] OR "causes"[All Fields] OR "causality"[MeSH Terms] OR "causality"[All Fields]
women	"women"[MeSH Terms] OR "women"[All Fields]

Query translation:

- تبدیل واژه های کاربر به فرمول جستجو توسط سیستم با استفاده از عملگرهای بولی؛ امکان ویرایش / حذف / اضافه

translations:

- تفسیر و تفکیک استاندارد واژه ها توسط سیستم با استفاده از عملگرهای بولی و نوع فیلد



MeSH

اصطلاحنامه معتبر پزشکی
Medical Subject Headings

کاربرد اصطلاحنامه پزشکی مش

Medical Subject Headings

- ممکن است نویسندگان مقالات از اسامی مختلف علمی برای بیان موضوعی خاص استفاده کنند، مثلاً یک نویسنده ممکن است عبارت I type diabetes به کاربرد یا دیگری Insulin dependent diabetes mellitus, و نویسنده سوم diabetes sudden onset را انتخاب کند؛ در اصطلاحنامه به تمام مقالاتی که درباره موضوع خاصی هستند، یک Subject heading یا سرفصل موضوعی استاندارد نسبت داده می شود.
- موضوع استاندارد مثال فوق در اصطلاحنامه پزشکی مش Diabetes Mellitus, Insulin dependent مش است و تمامی مقالات مربوط به این موضوع، تحت سرفصل موضوعی فوق نمایه و جستجو می شوند.

Dimethylamines
West Nile Fever
Corneal Ulcer
Hemoperfusion
Radioimmunoassay
Ocular Physiological Phenomena
Hydroxylation
Forensic Medicine

بیش از ۲۶۰۰۰ هزار کلید واژه استاندارد در رشته های علوم پایه و بالینی پزشکی درخت نمادی از علم پزشکی و هر شاخه آن، نماینده یک دسته یا گروه موضوعی می باشد.



[All MeSH Categories](#)

[Anatomy Category](#)

[Body Regions](#)

[Head](#)

[Face](#)

Eye

[Eyebrows](#)

[Eyelids](#)

[Eyelashes](#)

[All MeSH Categories](#)

[Anatomy Category](#)

[Sense Organs](#)

Eye

[Anterior Capsule of the Lens](#)

[Anterior Eye Segment](#)

[Anterior Chamber +](#)

[Ciliary Body](#)

[Conjunctiva](#)

[Cornea +](#)

[Iris +](#)

[Lens, Crystalline +](#)

[Trabecular Meshwork](#)

[Axial Length, Eye](#)

[Face](#)

Eye



[Eyebrows](#)

[Eyelids](#)

[Eyelashes](#)

چگونه در MeSH جستجو نماییم ؟ راه اول

The screenshot shows the PubMed.gov homepage. At the top, there's a navigation bar with 'NCBI', 'Resources', and 'How To'. Below this is the 'PubMed.gov' logo and the text 'U.S. National Library of Medicine' and 'National Institutes of Health'. A search bar is prominently displayed with 'PubMed' entered. To the right of the search bar are links for 'Limits', 'Advanced search', and 'Help'. Below the search bar, there's a large banner for 'PubMed' with a description: 'PubMed comprises more than 20 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.' Below the banner, there are three main sections: 'Using PubMed', 'PubMed Tools', and 'More Resources'. The 'More Resources' section contains a link to 'MeSH Database', which is highlighted by a yellow callout box. The callout box contains the text: 'Access the MeSH Database by choosing this option on the PubMed homepage,'.

Searching with the MeSH Database

NCBI Resources How To My NCBI Sign In

PubMed.gov
U.S. National Library of Medicine
National Institutes of Health

Search: PubMed Limits Advanced search Help

Search Clear

PubMed

PubMed comprises more than 20 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

Using PubMed

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

PubMed Tools

- [Topic-Specific Queries](#)

More Resources

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

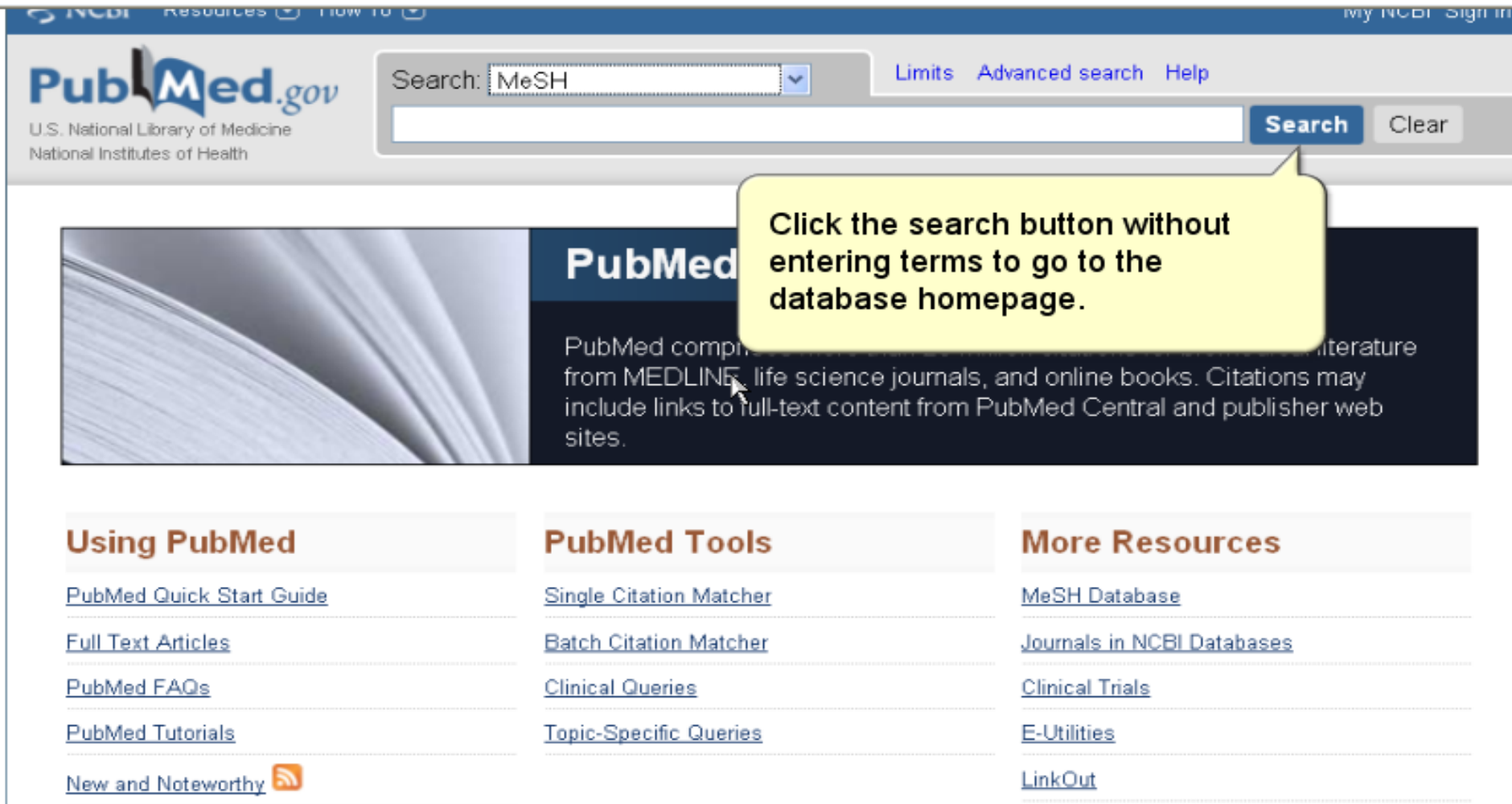
Access the MeSH Database by choosing this option on the PubMed homepage,

چگونه در MeSH جستجو نماییم ؟ راه دوم

The screenshot shows the PubMed website interface. At the top, there's a header with "NCBI", "Resources", and "How To". Below this is the "PubMed.gov" logo and the text "U.S. National Library of Medicine" and "National Institutes of Health". The main search area has a "Search:" label, a dropdown menu currently set to "PubMed", and a "Search" button. A yellow callout box with a mouse cursor pointing to the dropdown menu contains the text: "or by using the database selection menu above the search box." Below the search area, there's a large banner for "PubMed" with a description: "PubMed comprises more than 20 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites." At the bottom, there are three columns of links: "Using PubMed" (PubMed Quick Start Guide, Full Text Articles, PubMed FAQs, PubMed Tutorials, New and Noteworthy), "PubMed Tools" (Single Citation Matcher, Batch Citation Matcher, Clinical Queries, Topic-Specific Queries), and "More Resources" (MeSH Database, Journals in NCBI Databases, Clinical Trials, E-Utilities, LinkOut).

چگونه در MeSH جستجو نماییم ؟

راه دوم، انتخاب گزینه MeSH و کلیک بر دگمه Search



The screenshot shows the PubMed.gov homepage. At the top, there is a search bar with "MeSH" entered. To the right of the search bar are links for "Limits", "Advanced search", and "Help". Below the search bar is a large "Search" button and a "Clear" button. A yellow callout box with a pointer to the "Search" button contains the text: "Click the search button without entering terms to go to the database homepage." Below the search bar, there is a large banner with the PubMed logo and a description of the database. At the bottom, there are three columns of links: "Using PubMed", "PubMed Tools", and "More Resources".

PubMed.gov
U.S. National Library of Medicine
National Institutes of Health

Search:

[Limits](#) [Advanced search](#) [Help](#)

PubMed

PubMed comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

Using PubMed

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

PubMed Tools

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

More Resources

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

MeSH homepage in PubMed

MeSH
NLM's Controlled
Vocabulary

Search:

[Limits](#) [Advanced search](#) [Help](#)



MeSH

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

Using MeSH

[Help](#)

[Tutorials](#)

More Resources

[E-Utilities](#)

[NLM MeSH Homepage](#)

آغاز جستجو: تایپ واژه

MeSH
NLM's Controlled Vocabulary

Search: MeSH

Limits Advanced search Help

chewing

Search Clear

chewing
chewing gum
chewing gums
chewing tobacco
chewing tobaccos
gum, chewing
gums, chewing
tobacco, chewing
tobaccos, chewing

You can choose from the list of suggestions, if desired.

Using MeSH

[Help](#)

[Tutorials](#)

نتیجه:
کلمات
پیشنهادی

Results: 3

☐ [Mastication](#)

1. The act and process of chewing and grinding food in the mouth.

☐ [Chewing Gum](#)

2. A preparation of chicle, sometimes mixed with other plastic substances, sweetened and flavored. It is masticated usually for pleasure as a candy substitute but it sometimes acts as a vehicle for the administration of medication.

☐ [Tobacco, Smokeless](#)

3. The powdered leaves of *Nicotiana tabacum* which are either inhaled through the nose, chewed, or stored in cheek pouches. It includes any product of tobacco that is not smoked.
Year introduced: 1991(1986)

[Display Settings:](#) ☒ Summary

[Send to:](#) ☒

PubMed search builder

Add to search builder

OR

Search PubMed

Find related data

Database:

Find items

Search details

"mastication"[MeSH Terms] OR
chewing[Text Word]

[Display Settings:](#)

Although the term *chewing* isn't in the search results, *Mastication* is.

Results: 3

☐ [Mastication](#)

1. The act and process of chewing and grinding food in the mouth.

☐ [Chewing Gum](#)

2. A preparation of chicle, sometimes mixed with other plastic substances, sweetened and flavored. It is masticated usually for pleasure as a candy substitute but it sometimes acts as a vehicle for the administration of medication.

☐ [Tobacco, Smokeless](#)

3. The powdered leaves of the nose, chewed, or stored in cheek pouches. It includes any product of tobacco that is not smoked.
Year introduced: 1991(1986)

[Display Settings:](#) ☒ Summary

[Send to:](#) ☐

PubMed search builder

Add to search builder OR

Search PubMed

[Display Settings:](#) ☒ Summary

[Send to:](#) ☐

Results: 3

☐ [Mastication](#)

1. The act and process of chewing and grinding food in the mouth.

☐ [Chewing](#)

2. A preparation of chicle, sometimes mixed with other plastic substances, sweetened and flavored. It is masticated usually for pleasure as a candy substitute but it sometimes acts as a vehicle for the administration of medication.

☐ [Tobacco, Smokeless](#)

3. The powdered leaves of *Nicotiana tabacum* which are either inhaled through the nose, chewed, or stored in cheek pouches. It includes any product of tobacco that is not smoked.
Year introduced: 1991(1986)

[Display Settings:](#) ☒ Summary

[Send to:](#) ☐

Notice the definition under the term. Mastication is the Medical Subject Heading for chewing.

PubMed search builder

Add to search builder OR

Search PubMed

Find related data

Database:

Find items

Search details

"mastication"[MeSH Terms] OR
chewing[Text Word]

Mastication

The act and process of chewing and grinding food in the mouth.

PubMed search builder options

[Subheadings:](#)

- | | | |
|---|--|--|
| ☐ analysis | ☐ genetics | ☐ physiology |
| ☐ classification | ☐ history | ☐ radiation effects |
| ☐ drug effects | ☐ instrumentation | ☐ standards |
| ☐ ethnology | | |

☐ Restrict to MeSH Major Topic.

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

Entry Terms:

- Chewing

See Also:

- [Tooth](#)

[All MeSH Categories](#)

[Phenomena and Processes Category](#)

[Physiological Phenomena](#)

[Nutritional Physiological Phenomena](#)

[Nutrition Processes](#)

[Eating](#)

Mastication

[All MeSH Categories](#)

[Phenomena and Processes Category](#)

[Physiological Phenomena](#)

PubMed search builder

Add to search builder

OR



Search PubMed

All links from this record

[PubMed](#)

[PubMed - Major Topic](#)

[Clinical Queries](#)

[NLM MeSH Browser](#)

Recent activity

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

chewing (3)

MeSH

"Influenza, Human"[MeSH Major Topic]
(21352)

PubMed

"Influenza, Human"[Mesh] (25654)

PubMed

Influenza, Human

MeSH

flu (14)

MeSH

[Display Settings:](#) ☒ Full

[Send to:](#) ☒

Mastication

The act and process of chewing and grinding food in the mouth.

PubMed search builder options

[Subheadings:](#)

- | | | |
|---|--|--|
| ☐ analysis | ☐ genetics | ☐ physiology |
| ☐ classification | ☐ history | ☐ radiation effects |
| ☐ drug effects | ☐ instrumentation | ☐ standards |
| ☐ ethnology | | |

☐ Restrict to MeSH Major Topic.

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

Entry Terms:

- Chewing

See Also:

- [Tooth](#)

Here there are two main options for searching PubMed for this MeSH concept:

PubMed search builder

Add to search builder OR

All links from this record

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

Recent activity

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

MeSH

[MeSH Major Topic] (21352)

PubMed

[Mesh] (25654)

PubMed

MeSH

[Display Settings:](#) ☒ Full

[Send to:](#) ☒

Mastication

The act and process of chewing and grinding food in the mouth.

PubMed search builder options

[Subheadings:](#)

- | | | |
|---|--|--|
| ☐ analysis | ☐ genetics | ☐ physiology |
| ☐ classification | ☐ history | ☐ radiation effects |
| ☐ drug effects | ☐ instrumentation | ☐ standards |
| ☐ ethnology | | |

☐ Restrict to MeSH Major Topic.

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

Entry Terms:

- Chewing

See Also:

- [Tooth](#)

[All MeSH Categories](#)

[Phenomena and Processes Category](#)

[Physiological Phenomena](#)

[Nutritional Physiological Phenomena](#)

[Nutrition Processes](#)

[Eating](#)

Mastication

and a search for citations where this concept is a major topic of the article.

PubMed search builder

Add to search builder OR

All links from this record

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

Recent activity

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

MeSH

[MeSH Major Topic] (21352)

PubMed

[Mesh] (25654)

PubMed

MeSH



Combining MeSH Terms Using the MeSH Database

جستجوی مقالاتی درباره شیوع
سرخک

Search: MeSH

Limits Advanced search

Enter your first concept in the search box. In this example, we'll start with *measles*.

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Using PubMed

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[Text Articles](#)

[FAQs](#)

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More Resources

[MeSH Database](#)

[Journals in NCBI Databases](#)

[Clinical Trials](#)

[E-Utilities](#)

[LinkOut](#)

mesh database - G... Combining MeSH Terms U... Page Safety

MeSH

NLM's Controlled Vocabulary

Search: MeSH
measles

Save search Limits Advanced search Help

Search Clear

Display Settings: [x] Summary

Results: 15

- ☒ [Measles](#)
1. A highly contagious infectious disease caused by MORBILLIVIRUS, common among children but also seen in the nonimmune of any age, in which the virus enters the respiratory tract via droplet nuclei and multiplies in the epithelial cells, spreading throughout the MONONUCLEAR PHAGOCYTE SYSTEM.
- ☐ [Measles-Mumps-Rubella Vaccine](#)
2. A combined vaccine used to prevent MEASLES; MUMPS; and RUBELLA. Year introduced: 2001
- ☐ [Measles Vaccine](#)
3. A live attenuated virus vaccine of chick embryo origin, used for routine immunization of children and for immunization of adolescents and adults who have not had measles or been immunized with live measles vaccine and have no serum antibodies against measles. Children are usually immunized with measles-mumps-rubella combination vaccine. (From Dorland, 28th ed) Year introduced: 1964
- ☐ [Measles virus](#)
4. The type species of MORBILLIVIRUS, a human disease MEASLES.

PubMed search builder

Add to search builder AND Search PubMed

Find related data
Database: Select

The search results indicate that Measles is a MeSH term. Often, a definition is provided.

Display Settings: [x] Summary, 20 per page Send to: [x]

Results: 15

- ☒ [Measles](#)
1. A highly contagious infectious disease caused by MORBILLIVIRUS, common among children but also seen in the nonimmune of any age, in which the virus enters the respiratory tract via droplet nuclei and multiplies in the epithelial cells, spreading throughout the MONONUCLEAR PHAGOCYTE SYSTEM.
- ☐ [Measles-Mumps-Rubella Vaccine](#)
2. A combined vaccine used to prevent MEASLES; MUMPS; and RUBELLA. Year introduced: 2001
- ☐ [Measles Vaccine](#)
3. A live attenuated virus vaccine of chick embryo origin, used for routine immunization of children and for immunization of adolescents and adults who have not had measles or been immunized with live measles vaccine and have no serum antibodies against measles. Children are usually immunized with measles-mumps-rubella combination vaccine. (From Dorland, 28th ed) Year introduced: 1964
- ☐ [Measles virus](#)
4. The type species of MORBILLIVIRUS, a human disease MEASLES.

PubMed search builder

Add to search builder AND Search PubMed

Find related data
Database: Select
Find items

Search details
"measles"[MeSH Terms] OR

In order to combine this term with other terms found in the MeSH Database, you would send the term to the PubMed search builder.

Add 1st keyword to search builder

Display Settings: ☒ Summary, 20 per page

Send to: ☐

Results: 15 Selected: 1

☒ [Measles](#)

1. A highly contagious infectious disease caused by MORBILLIVIRUS, common among children but also seen in the nonimmune of any age, in which the virus enters the respiratory tract via droplet nuclei and multiplies in the epithelial cells, spreading throughout the MONONUCLEAR PHAGOCYTE SYSTEM.

☐ [Measles-Mumps-Rubella Vaccine](#)

2. A combined vaccine used to prevent MEASLES; MUMPS; and RUBELLA. Year introduced: 2001

☐ [Measles Vaccine](#)

3. A live attenuated virus vaccine of chick embryo origin, used for routine immunization of children and for immunization of adolescents and adults who have not had measles or been immunized with live measles vaccine and have no serum antibodies against measles. Children are usually immunized with measles-mumps-rubella combination vaccine. (From Dorland, 28th ed) Year introduced: 1964

☐ [Measles virus](#)

4. The type species of human disease ME

PubMed search builder

"Measles"[Mesh]

Add to search builder

AND

Search PubMed

Find related data

Database:

Find items

Search details

"measles"[MeSH Terms] OR
measles[Text Word]

NLM's Controlled
Vocabulary

Display Settings: ☒ Summary, 20 per page

Results: 15 Selected: 1

☒ [Measles](#)

1. A highly contagious infectious disease caused by MORBILLIVIRUS, common among children but also seen in the nonimmune of any age, in which the virus enters the respiratory tract via droplet nuclei and multiplies in the epithelial cells, spreading throughout the MONONUCLEAR PHAGOCYTE SYSTEM.

☐ [Measles-Mumps-Rubella Vaccine](#)

2. A combined vaccine used to prevent MEASLES; MUMPS; and RUBELLA. Year introduced: 2001

outbreaks

disease outbreaks

disease outbreaks, infectious

infectious disease outbreaks

outbreaks

outbreaks, disease

outbreaks, infectious disease

Turn off

Search

Clear

builder

der

AND

Find related data

Search
2nd
keyword
& Add

Display Settings: ☒ Summary

Results: 3

☐ [Disease Outbreaks](#)

1. Sudden increase in the incidence of a disease. The concept includes EPIDEMICS and PANDEMICS.
Year introduced: 1968(1966)

☐ [Epidemiology](#)

2. Field of medicine concerned with the determination of causes, incidence, and characteristic behavior of disease outbreaks affecting human populations. It includes the interrelationships of host, agent, and environment as related to the distribution and control of disease.

☐ [epidemiology \[Subheading\]](#)

3. Used with human and veterinary diseases for the distribution of disease, factors which cause disease, and the attributes of disease in defined populations; includes incidence, frequency, prevalence, endemic and epidemic outbreaks; also surveys and estimates of morbidity in geographic areas and in specified populations. Used also with geographical headings for the location of epidemiologic aspects of a disease. Excludes mortality for which "mortality" is used.
Year introduced: 1989

The MeSH term for the concept of *outbreaks* is Disease Outbreaks. We can now add this term to the PubMed search builder.

PubMed search builder

"Measles" [Mesh]

Add to search builder

AND

Search PubMed

Find related data

Database:

Find items

Search details

"epidemiology" [Subheading] OR
"disease outbreaks" [MeSH Terms]
OR outbreaks [Text Word]

استفاده از عملگر منطقی جستجو AND

NLM's Controlled Vocabulary

outbreaks

[Display Settings:](#) ☒ Summary [Send to:](#) ☐

Results: 3 Selected: 1

☒ [Disease Outbreaks](#)

1. Sudden increase in the incidence of a disease. The concept includes EPIDEMICS and PANDEMICS.
Year introduced: 1968(1966)

☐ [Epidemiology](#)

2. Field of medicine concerned with the determination of the characteristic behavior of disease outbreaks and the interrelationships of host, agent, and environment. Includes the distribution and control of disease.

☐ [epidemiology \[Subheading\]](#)

3. Used with human and veterinary diseases for the determination of the factors which cause disease, and the attributes of disease in defined populations; includes incidence, frequency, prevalence, endemic and epidemic outbreaks; also surveys and estimates of morbidity in geographic areas and in specified populations. Used also with geographical headings for the location of epidemiologic aspects of a disease. Excludes mortality for which "mortality" is used.
Year introduced: 1989

PubMed search builder

"Measles" [Mesh]

Search details

"epidemiology" [Subheading] OR
"disease outbreaks" [MeSH Terms]
OR outbreaks [Text Word]

We want to find articles that include both the concept of measles AND the concept of outbreaks, so we will add our second term to the search builder with the default AND.

[Send to:](#) ☐

PubMed search builder

("Measles" [Mesh]) AND "Disease Outbreaks" [Mesh]

From the PubMed search builder, you can see that we are searching for citations with the subjects of Measles and Disease Outbreaks.

فرمول جستجو + نتایج

U.S. National Library of Medicine
National Institutes of Health

Search: ("Measles"[Mesh]) AND "Disease Outbreaks"[Mesh] Search Clear

Display Settings: ☒ Summary, 20 per page, Sorted by Recently Added Send to: ☒ Filter your results:

Results: 1 to 20 of 1354 << First < Prev Page 1 of 68 Next > Last >> All (1354) Review (73) Text (378) Manage Filters

☐ [Epidemiological and outbreak in Liguria, Italy](#)
1. Orsi A, Alicino C, Patr Moscatelli P, Orengo J Prev Med Hyg. 2010 Jun PMID: 21155408 [PubMed] [Related citations](#)

This search functioned well, retrieving articles about measles outbreaks. We could combine more MeSH terms using the same method.

your search terms
and measles outbreaks: correlation of age at immunization with [Am J Public Health. 1980]

Endurance in young athletes: it can be trained.

[Baxter-Jones AD](#), [Maffulli N](#).

College of Kinesiology, University of Saskatchewan, Saskatoon, SK, Canada.

MeSH Terms:

- [Adolescent](#)
- [Anaerobic Threshold/physiology](#)
- [Child](#)
- [Exercise/physiology*](#)
- [Humans](#)
- [Oxygen Consumption/physiology](#)
- [Physical Endurance/physiology*](#)
- [Puberty/physiology](#)

Terms with Asterisks*
=topics of *major* importance in the article.

terms without asterisks
*=topics covered in the article but not its main focus.



Applying Subheadings and Other Features of the MeSH Database

Applying Subheadings and Other Features Using the MeSH Database

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MeSH

NLM's Controlled Vocabulary

Search: MeSH Limits Advanced search Help

measles

- encephalitis, inclusion body, measles
- f protein measles virus
- fusion protein, measles
- german measles
- german measles virus
- glycoprotein ha, measles virus
- haemagglutinin protein g, measles virus
- hemagglutinin glycoprotein, measles virus
- hemagglutinin protein g, measles virus
- inclusion body encephalitis, measles

Turn off

Search Clear

abulary

Using MeSH

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Heading + subheadings

Measles

A highly contagious infectious disease caused by MORBILLIVIRUS, common among children but also seen in the nonimmune of any age, in which the virus enters the respiratory tract via droplet nuclei and multiplies in the epithelial cells, spreading throughout the MONONUCLEAR PHAGOCYTE SYSTEM.

PubMed search builder options

[Subheadings:](#)

- ☐ blood
- ☐ cerebrospinal fluid
- ☐ chemically induced
- ☐ classification
- ☐ complications
- ☐ congenital
- ☐ diagnosis
- ☐ diet therapy
- ☐ drug therapy
- ☐ economics
- ☐ embryology
- ☐ enzymology
- ☐ epidemiology

- ☐ ethnology
- ☐ etiology
- ☐ genetics
- ☐ history
- ☐ immunology
- ☐ isolation and purification
- ☐ metabolism
- ☐ embryology
- ☐ enzymology
- ☐ epidemiology
- ☐ physiopathology
- ☐ prevention and control
- ☐ psychology
- ☐ radiography
- ☐ rehabilitation
- ☐ statistics and numerical data
- ☐ surgery

PubMed search builder

All links from this record

[PubMed](#)

[PubMed - Major Topic](#)

[Clinical Queries](#)

[NLM MeSH Browser](#)

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

Entry Terms:

- Rubeola

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

Entry Terms:

- Rubeola

[All MeSH Categories](#)

[Diseases Category](#)

[Virus Diseases](#)

[RNA Virus Infections](#)

[nonenveloped Infections](#)

[Paramyxoviridae Infections](#)

[Morbillivirus Infections](#)

Measles

[Subacute Sclerosing Panencephalitis](#)

At the bottom of the screen, you see the term in its position within the MeSH hierarchy.

It is important to note that when PubMed searches for a term, any indented (narrower) terms are also searched.

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

...we choose the option, **Do not include MeSH terms found below this term in the MeSH hierarchy.**

[RNA Virus Infections](#)

[Mononegavirales Infections](#)

[Paramyxoviridae Infections](#)

[Morbillivirus Infections](#)

Measles

[Subacute Sclerosing Panencephalitis](#)

Display Settings: ☒ Full

Send to: ☐

Measles

A highly contagious infectious disease caused by MORBILLIVIRUS, common among children but also seen in the nonimmune of any age, in which the virus enters the respiratory tract via droplet nuclei and multiplies in the epithelial cells, spreading throughout the MONONUCLEAR PHAGOCYTE SYSTEM.

PubMed search builder options

[Subheadings:](#)

- | | | |
|--|---|--|
| ☐ blood | ☐ history | ☐ psychology |
| ☐ cerebrospinal fluid | ☐ immunology | ☐ radiography |
| ☐ chemically induced | ☐ isolation and purification | ☐ rehabilitation |
| ☐ classification | ☐ metabolism | ☐ statistics and numerical data |
| ☐ complications | ☐ microbiology | ☐ surgery |
| ☐ congenital | ☐ mortality | ☐ therapy |
| ☐ diagnosis | ☐ nursing | ☐ transmission |
| ☐ diet therapy | | ☐ urine |
| ☐ drug therapy | | ☐ veterinary virology |
| ☐ economics | | |
| ☐ embryology | | |

As we are going to build a search using more than one term, we will add this part of the PubMed search by clicking **Add to search builder**.

PubMed search builder

Add to search builder AND

Search PubMed

All links from this record

PubMed
PubMed - Major Topic
Clinical Queries
NLM MeSH Browser

Recent activity

Turn Off Clear

measles (15)

See more.

Display Settings: ☒ Full

Send to: ☐

Disease Outbreaks

Sudden increase in the incidence of a disease. The concept includes both the disease and the outbreak.

Year introduced: 1968(1966)

PubMed search builder options

[Subheadings:](#)

- | | | |
|---|--|--|
| ☐ blood | ☐ ethics | ☐ nursing |
| ☐ chemically induced | ☐ etiology | ☐ pathology |
| ☐ classification | ☐ genetics | ☐ prevention and control |
| ☐ complications | ☐ history | ☐ psychology |
| ☐ diagnosis | ☐ immunology | ☐ statistics and numerical data |
| ☐ drug therapy | ☐ legislation and jurisprudence | ☐ therapy |
| ☐ economics | ☐ microbiology | ☐ transmission |
| ☐ enzymology | ☐ mortality | ☐ veterinary |
| ☐ epidemiology | | |

Subheadings describe specific aspects of the subject that are discussed in the article. You may use a subheading to restrict your search to a subtopic of interest.

PubMed search builder

("Measles"[Major])

AND

Search PubMed

All links from this record

PubMed
PubMed - Major Topic

PubMed search builder

```
((("Measles"[Major])) AND  
"Disease Outbreaks/statistics  
and numerical data"[Mesh])
```

Add to search builder AND

To add the concept of *disease outbreaks* with the subheading of *statistics and numerical data* to our search, we select the subheading and click **Add to search builder**.

☐ Restrict to MeSH Major Topic.

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

outbreaks (3)

Searching for citations from specific Journals

1010010101001111010000100101110100101101010101101000041000101010100
004100001010010100100101000010110100101014000011110100101010011101000010010111010010
110101010101110100004100001010010100101000010110100101014000011110100101

تایپ نام کامل یک ژورنال = ارائه مقالات آن ژورنال + نام مخفف آن ژورنال

PubMed.gov
U.S. National Library of Medicine
National Institutes of Health

Search: PubMed
molecular biology of the cell

RSS Save search Advanced search Help

Search Clear

Display Settings: ☒ Summary, 20 per page, Sorted by Recently Added [Send to:](#) ☒

Results: 1 to 20 of 5864 << First < Prev Page 1 Next > Last >>

☐ [Analyzing the Effects of Delaying Aster Separation on Furrow Formation during Cytokinesis in the *C. elegans* Embryo.](#)
1. Lewellyn L, Dumont J, Desai A, Oegema K.
Mol Biol Cell. 2009 Nov 4. [Epub ahead of print]
PMID: 19663642 [PubMed - as supplied by publisher]
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☐ [NHERF1 Overexpression-dependent Increase of Cytoskeleton Organization Is Fundamental in the Rescue of F508del CFTR in Human Airway CFBE41o- Cells.](#)
2. Favia M, Guerra L, Fanelli T, Cardone RA, Monterisi S, Di Sole F, Castellani S, Chen M, Seidler U, Reshkin SJ, Conese M, Casavola V.
Mol Biol Cell. 2009 Nov 4. [Epub ahead of print]
PMID: 19663641 [PubMed - as supplied by publisher]
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☐ [Hydrogen Sulfide Increases HIF-1 Activity Independent of VHL-1 in *C. elegans*.](#)
3. Budde MW, Roth MB.
Mol Biol Cell. 2009 Nov 4. [Epub ahead of print]
PMID: 19663640 [PubMed - as supplied by publisher]

نشانه فیلد ta مقابل واژه = جستجوی آن کلمه به عنوان نام ژورنال در PubMed

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National Institutes of Health

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cell [ta]

RSS Save search Advanced search Help

Search Clear

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Results: 1 to 20 of 14469

== First < Prev Page 1 Next > Last ==

- ☐ [SnapShot: Fly piRNAs, PIM1 proteins, and the ping-pong cycle.](#)
1. Tushir JS, Zamore PD, Zhang Z.
Cell. 2009 Oct 30;139(3):634, 634.e1. No abstract available.
PMID: 19879848 [PubMed - in process]
[Related articles](#)
- ☐ [Analysis of cell fate from single-cell gene expression profiles in *C. elegans*.](#)
2. Liu X, Long F, Peng H, Aerni SJ, Jiang M, Sánchez-Blanco A, Murray JI, Preston E, Mericle B, Batzoglou S, Myers EW, Kim SK.
Cell. 2009 Oct 30;139(3):623-33.
PMID: 19879847 [PubMed - in process]
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- ☐ [Profiling the human protein-DNA interactome reveals ERK2 as a transcriptional repressor of interferon signaling.](#)
3. Hu S, Xie Z, Onishi A, Yu X, Jiang L, Lin J, Rho HS, Woodard C, Wang H, Jeong JS, Long S, He X, Wade H, Blackshaw S, Qian J, Zhu H.
Cell. 2009 Oct 30;139(3):610-22.
PMID: 19879846 [PubMed - in process]
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- Use this tool to find PubMed citations. You may omit any field.
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Date:

Volume:

Author na

Title word:

The Journal of biological chemistry

The New England journal of medicine

JAMA : the journal of the American Medical Association

The American journal of physiology

Journal of immunology (Baltimore, Md. : 1950)

Journal of bacteriology

The Journal of urology

The Medical journal of Australia

Nippon rinsho. Japanese journal of clinical medicine

The Journal of physiology

author

عناوین الفبایی مجلاتی مشابه آنچه شما تایپ می کنید

Finding Evidence-Based Citations in Pubmed: **Clinical Queries & Systematic Reviews**

1010010101001111010000100101110100101101010101101000041000101010100
004100001010010100100101000010110100101014000011110100101010011101000010010111010010
110101010101110100004100001010010100101000010110100101014000011110100101

 <http://www.ncbi.nlm.nih.gov/pubmed/clinical/>

PubMed Clinical Queries

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

Search

Clinical Study Categories

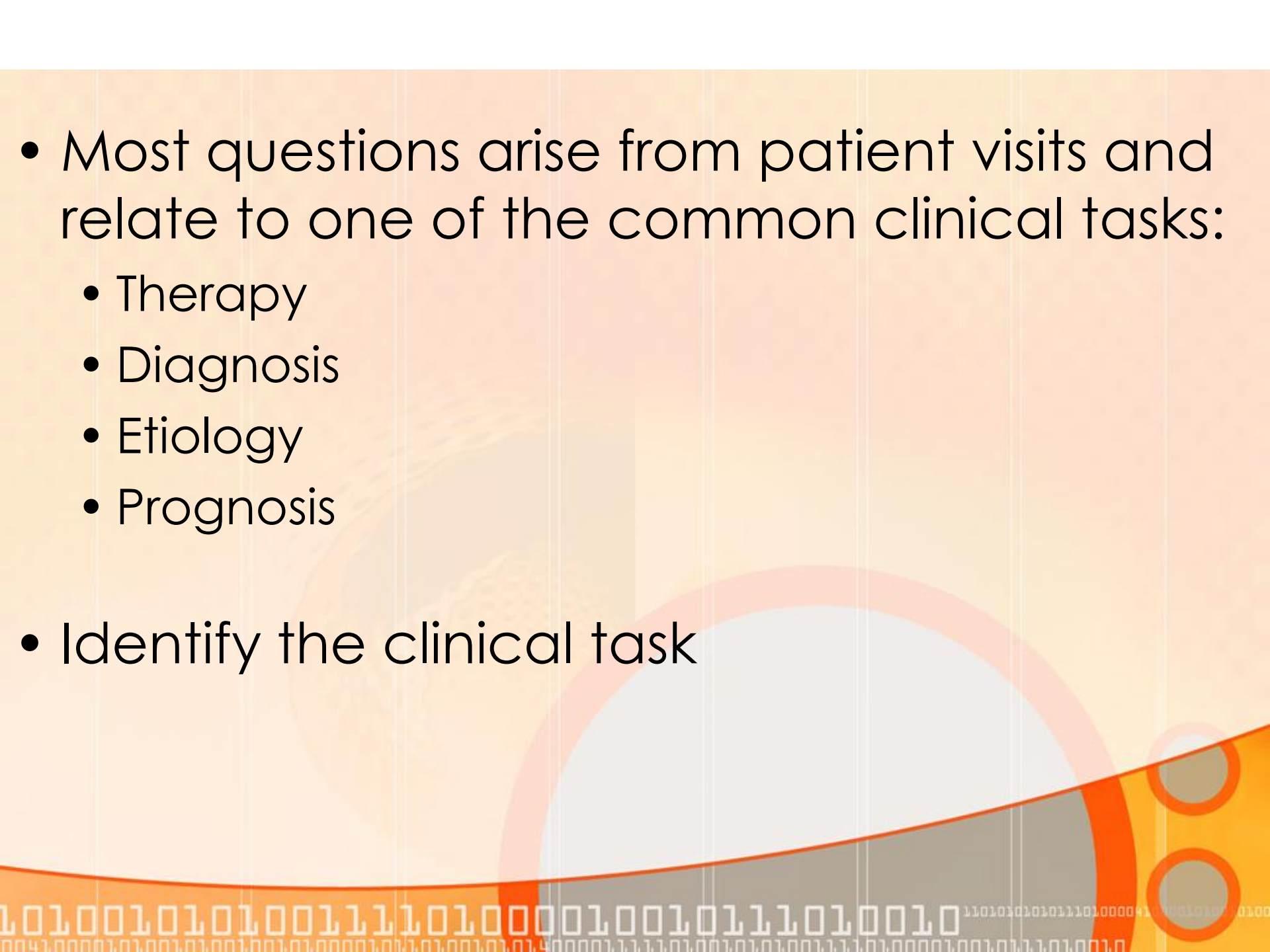
This column displays citations filtered to a specific clinical study category and scope. These search filters were developed by [Haynes RB et al.](#) See more [filter information](#).

Systematic Reviews

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

Medical Genetics

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

- Most questions arise from patient visits and relate to one of the common clinical tasks:
 - Therapy
 - Diagnosis
 - Etiology
 - Prognosis
 - Identify the clinical task
- 

Clinical Queries and Systematic Reviews

براي جستجو انواع منابعي مانند:

• Randomized Controlled Trial = کارآزمایي تصادفي
کنترل شده

• Meta-Analysis = متاآنالیز

• Practice Guideline = راهنمای عملي طبابت

• Clinical Trial = کارآزمایي باليني

This specialized search query is intended for clinicians and has built-in search "filters" based on research done by R. Brian Haynes, M.D., Ph.D. at McMaster University in Canada.

فیلترهای مربوط به ژنتیک پزشکی

PubMed Clinical Queries - Windows Internet Explorer

http://www.ncbi.nlm.nih.gov/pubmed/clinical?term=unknown fever

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unknown fever Search

Clinical Study Categories

Category: Therapy Scope: Broad

Systematic Reviews

Medical Genetics

Topic: All

Results: 5 of 2339

[Malignant lymphoma presenting as inflammation of unknown origin].
Yamashita H, Takamashi Y, Kano T, Kaneko H, Mimori A. Nihon Rinsho Meneki Gakkai Kaishi. 2012; 35(2):136-43.

Epidemiological factors associated with the exposure of cattle to *Coxiella burnetii* in the Madrid region of Spain.
Alvarez J, Perez A, Mardones FO, Pérez-Sancho M, García-Seco T, Pagés E, Mirat F, Díaz R, Carpintero J, Domínguez L. Vet J. 2012 Apr 23; . Epub 2012 Apr 23.

Ventilator-associated sinusitis in adults: Systematic review and meta-analysis.
Agrafiotis M, Vardakas KZ, Gkegkes ID, Kapaskelis A, Falagas ME. Respir Med. 2012 Aug; 106(8):1082-95. Epub 2012 Apr 20.

[Family with fever after cleaning a sea aquarium].
Snoeks L, Veenstra J. Ned Tijdschr Geneesk. 2012; 156(12):A4200.

Prevalence of *Coxiella burnetii* in clinically healthy German sheep flocks.
Hilbert A, Schmood G, Lenzko H, Moog U, Diller R, Fröhlich A, Hoffmann L, Horner S, Elschner M, Tomaso H, et al. BMC Res Notes. 2012 Mar 19; 5:152. Epub 2012 Mar 19.

See all (2339)

Results: 5 of 77

Current challenges in the diagnosis and management of fever.
Sherman JM, Sood SK. Curr Opin Pediatr. 2012 Jun; 24(3):400-6.

Ventilator-associated sinusitis in adults: Systematic review and meta-analysis.
Agrafiotis M, Vardakas KZ, Gkegkes ID, Kapaskelis A, Falagas ME. Respir Med. 2012 Aug; 106(8):1082-95. Epub 2012 Apr 20.

Emil Kraepelin's habilitation and his thesis: A pioneer work for modern systematic reviews, psychoimmunological research and categories of psychiatric diseases.
Steinberg H, Himmerich H. World J Biol Psychiatry. 2011 Dec 29; . Epub 2011 Dec 29.

Genetic susceptibility to acute rheumatic fever: a systematic review and meta-analysis of twin studies.
Engel ME, Stander R, Vogel J, Adeyemo AA, Mayosi BM. PLoS One. 2011; 6(9):e25326. Epub 2011 Sep 30.

Fever of unknown origin: an evidence-based approach.
Holder BM, Ledbetter C. Nurse Pract. 2011 Aug; 36(8):46-52.

See all (77)

Results: 5 of 2339

Variation in the prevalence of Kawasaki Disease in Korean Children.
Kim HE, Kim JJ, Han MK, Lee KY, Song MS, Lee HD, Kim DS, Yu JJ, Park IS, Yun SW, et al. Pediatr Cardiol. 2012 Mar 27; . Epub 2012 Mar 27.

The first case of familial Mediterranean fever associated with renal amyloidosis in Korea.
Koo KY, Park SJ, Wang JY, Shin JI, Jeong HJ, Lim BJ, Lee JS. Yonsei Med J. 2012 Mar; 53(2):454-8.

Clinical, genetic, and therapeutic diversity in 2 patients with severe mevalonate kinase deficiency.
Ruiz Gomez A, Couce ML, Garcia-Villoria J, Torres A, Baña Souto A, Yagüe J, Vilaseca MA, Ribes A, Aróstegui JI. Pediatrics. 2012 Feb; 129(2):e535-9. Epub 2012 Jan 23.

Seroprevalence and risk factors of Q fever in goats on commercial dairy goat farms in the Netherlands, 2009-2010.
Schimmer B, Luttikholt S, Hautvast JL, Graat EA, Vellema P, Duynhoven YT. BMC Vet Res. 2011 Dec 30; 7:81. Epub 2011 Dec 30.

The phylogeny of yellow fever virus 17D vaccines.
Stock NK, Boschetti N, Herzog C, Appelhans MS, Niedrig M. Vaccine. 2012 Feb 4; 30(6):999-9. Epub 2012 Dec 23.

Broad	Use the Broad filter to find mostly relevant articles. Less relevant articles will also be included in this emphasis. Choose this filter to find a greater total number of articles for your query when you want to browse the literature
Narrow	This option will retrieve the articles most relevant to your query, and therefore will limit the total number of articles found. Some less relevant articles may also be retrieved. Choose this option to refine your search results to the articles most relevant to your query

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Search decubitus ulcers

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Clinical Study Categories

Category: Therapy

Scope: Narrow

Systematic Reviews

Medical Genetics

Sample Results of Clinical Study Category Query

Filter citations to a specific clinical study category and scope. These search filters were developed by [Haynes RB et al.](#)

Sample

Filter
clinical
conf

Select Therapy
and Narrow Scope

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از زمره دلایلی که مقالات مروری سیستماتیک (Systematic Review) به عنوان عالی‌ترین سطح تولید دانش شناخته می‌شوند آن است که این مقالات تمامی شواهد مربوط به یک موضوع را جمع‌آوری کرده و سپس اطلاعات جمع‌آوری شده را مورد ارزیابی منتقدانه قرار می‌دهند.

متاآنالیز عبارت است از ترکیب داده‌ها و نتایج بدست آمده از یک مرور سیستماتیک با بهره‌گیری از روش‌های آماری،

یعنی پس از انجام مرور سیستماتیک - که لازمه متاآنالیز است - و براساس نتایج، به یک تخمین واحد برای حل مشکل یا سؤال مورد نظر دست پیدا می‌کنیم.

البته هر مرور سیستماتیکی به متاآنالیز منجر نمی‌شود.

چنانچه داده‌ها و برآوردهای خام حاصل از مرور سیستماتیک بیش از اندازه غیرهمسان نباشد و بتوان آنها را با روش‌های خاص آماری با هم ترکیب کرد، متاآنالیز قابل انجام خواهد بود.

در غیر این صورت نتایج به صورت کیفی در قالب یک مقاله مرور سیستماتیک ارائه می‌گردد. یکی از اهداف مهم متاآنالیز، پی‌بردن به موارد عدم همسانی نتایج و علل آنهاست.

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Electrical stimulation therapy increases rate of healing of pressure ulcers in community-dwelling people with spinal cord injury. [Arch Phys Med Rehabil. 2010]

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Abstract

OBJECTIVE: To compare quality of care in for-profit and not-for-profit nursing homes.

DESIGN: Systematic review and meta-analysis of observational studies and randomised controlled trials involving care in for-profit versus not-for-profit nursing homes.

RESULTS: A comprehensive search yielded 8827 citations, of which 956 were judged appropriate for full text characteristics and results of 82 articles that met inclusion criteria were summarised, and results for the four most reported quality measures were pooled. Included studies reported results dating from 1965 to 2003. In 40 studies, statistically significant comparisons ($P < 0.05$) favoured not-for-profit facilities; in three studies, all statistically significant comparisons favoured for-profit facilities, and the remaining studies had less consistent findings. Meta-analysis showed that not-for-profit facilities delivered higher quality care than did for-profit facilities for two of the four most frequently used quality measures: more or higher quality staffing (ratio of effect 1.11, 95% confidence interval 1.07 to 1.14, $P = 0.002$), and pressure ulcer prevalence (odds ratio 0.91, 95% confidence interval 0.83 to 0.98, $P = 0.02$). Non-significant results were found for the two other most frequently used measures: physical restraint use (odds ratio 1.05, $P = 0.25$) and fewer deficiencies in governmental regulatory assessments (ratio of effect 0.90, 0.78 to 1.03, $P = 0.12$).

CONCLUSIONS: This systematic review and meta-analysis of the evidence suggests that, on average, not-for-profit nursing homes deliver higher quality care than do for-profit nursing homes. Many factors may, however, influence this relation in the case of individual institutions.

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