

An Introduction to Medical Search

PubMed

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Assistance Professor in Nursing Education,
Kermanshah University of Medical Sciences

PubMed

Portal to Medical Information

Introduction to PubMed

- PubMed is the publicly available version of MEDLINE that is provided free of charge by the National Library of Medicine at <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>.pubMed
- [PubMed.com](http://pubmed.com)

Why should you use PubMed?

- ▶ PubMed contains all citations from the medical literature back to 1953
 - ▶ PubMed is updated daily directly from publishers
 - ▶ PubMed links directly to the home pages of the journals
- 

What is PubMed?

- ▶ offers many different search options for non- and professional researchers
- ▶ It is the best medical database of its kind in the world

Why should you use PubMed?

- ▶ **Over 4,600 medical journals are indexed yearly**
- ▶ **Newspapers, life science journals, nursing journals, and medical management journals, and others are all covered in PubMed.**

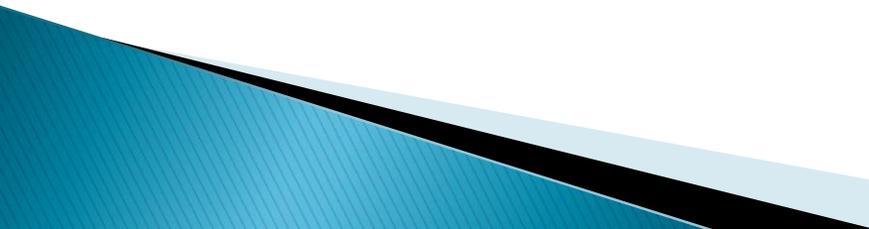
What is PubMed?

Offers access to...

- ▶ Journals from peripheral areas of medicine
- ▶ Non-medical articles in Medline journals
- ▶ References to journal full texts

What is PubMed?

▶ Covers

- Medicine
 - Nursing
 - Dentistry
 - Veterinary medicine
 - Healthcare systems
 - Preclinical sciences
- 

Where to start when you need information?

- Start with PubMed - all the time

What Can You Do in PubMed?

- ▶ Search for articles (usually abstracts)
 - By keyword
 - By author
 - By Journal, etc
 - ▶ Combine searches
 - ▶ Link to related articles
- 

What Can You Do in PubMed?

- ▶ Link to outside sources
 - To purchase the full article
 - Look at **related books** (including pages in the books)
 - ▶ Clinical queries
- 

PubMed.com

NCBI Resources How To Sign in to NCBI

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

PubMed Search

Advanced Help

کادر

منوی انتخاب پایگاه داده ها

PubMed جستجو

PubMed comprises more than 22 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](#)

Display setting

How To

PubMed

[RSS](#) [Save search](#) [Advanced](#)

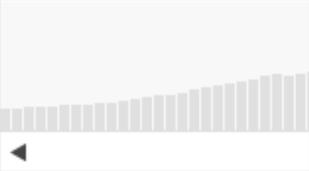
Display Settings: Summary, 20 per page, Sorted by Recently Added [Send to:](#) [Filters:](#) [Manage Filters](#)

Results: 1 to 20 of 2704732 << First < Prev Page of 135237 Next > Last >>

[Thyroid Cancer Initially Presenting Compression Fracture without Common Thyroid Symptoms.](#)

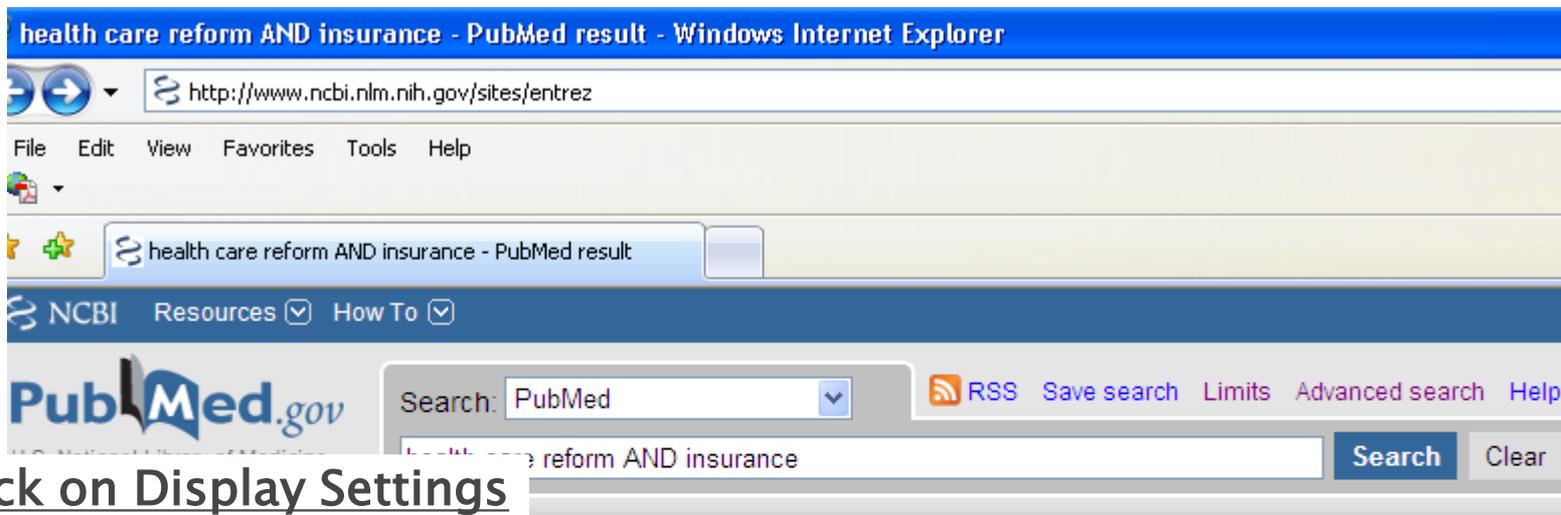
1. Kim DH, Yoo SD, Kim SM, Im SJ, Kang JK, Cho EH.
Ann Rehabil Med. 2012 Oct;36(5):735-8. doi: 10.5535/arm.2012.36.5.735. Epub 2012 Oct 31.
PMID: 23185742 [PubMed - in process]
[Related citations](#)

Results by year



The bar chart shows the number of results per year from 2000 to 2012. The x-axis represents the year, and the y-axis represents the number of results. The number of results increases steadily over time, starting from a low value in 2000 and reaching a peak in 2012.

Step 4: Conduct a literature search and change the display format of your research results to Abstract.



1. Click on Display Settings



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

[Set](#)

Format	Items per page	Sort by
<input checked="" type="radio"/> Summary	<input type="radio"/> 5	<input checked="" type="radio"/> Recently Added
<input type="radio"/> Summary (text)	<input type="radio"/> 10	<input type="radio"/> Pub Date
<input checked="" type="radio"/> Abstract	<input checked="" type="radio"/> 20	<input type="radio"/> First Author
<input type="radio"/> Abstract (text)	<input type="radio"/> 50	<input type="radio"/> Last Author
<input type="radio"/> MEDLINE	<input type="radio"/> 100	<input type="radio"/> Journal
<input type="radio"/> XML	<input type="radio"/> 200	<input type="radio"/> Title
<input type="radio"/> PMID List		

2. Choose Abstract.

Apply

3. Click on Apply

<< First < Prev Page 1 Next >

[an individual mandate.](#)

[on Model.](#)

2. Milstein B, Homer J, Hirsch G.
Am J Public Health. 2010 Mar 18. [Epub ahead of print]

Display setting

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

Format	Items per page	Sort by
<input checked="" type="radio"/> Summary	<input type="radio"/> 5	<input checked="" type="radio"/> Recently Added
<input type="radio"/> Summary (text)	<input type="radio"/> 10	<input type="radio"/> Pub Date
<input type="radio"/> Abstract	<input checked="" type="radio"/> 20	<input type="radio"/> First Author
<input type="radio"/> Abstract (text)	<input type="radio"/> 50	<input type="radio"/> Last Author
<input type="radio"/> MEDLINE	<input type="radio"/> 100	<input type="radio"/> Journal
<input type="radio"/> XML	<input type="radio"/> 200	<input type="radio"/> Title
<input type="radio"/> PMID List		

Apply

Spell check

The screenshot shows the PubMed website interface. At the top, there is a navigation bar with "NCBI Resources" and "How To" menus, and a "Sign in to NCBI" link. The main header features the "PubMed.gov" logo, a search bar containing the text "cancer", and a "Search" button. Below the search bar are links for "RSS", "Save search", and "Advanced".

The main content area is divided into several sections:

- Left sidebar:** Contains filters for "Text availability" (Abstract available, Free full text available, Full text available), "Publication dates" (5 years, 10 years, Custom range...), and "Species" (Humans).
- Top navigation:** Includes "Show additional filters", "Display Settings: Summary, 20 per page, Sorted by Recently Added", "Send to:", and "Filters: Manage Filters".
- Search Results:** A yellow highlight indicates a spell check suggestion: "★ Did you mean: **cancer** (2704732 items)". Below this, the results are listed as "Results: 15". The first result is "Management of Patients with Chronic Pelvic Pain Associated with Endometriosis Refractory to Conventional Treatment" by Martínez B, **Canser** E, Gredilla E, Alonso E, Gilsanz F. The article is from "Pain Pract." (2012 May 8), with a DOI of 10.1111/j.1533-2500.2012.00559.x. The PMID is 22568860. A link for "Related citations" is provided.
- Right sidebar:** Features a "1 free full-text article in PubMed Central" section with a link to "miRExpress: analyzing high-throughput sequencing data for p [BMC Bioinformatics. 2009]". Below this is a "Find related data" section with a "Database: Select" dropdown menu and a "Find items" button.

Suggestion Keywords

The image shows a screenshot of a PubMed search interface. At the top left, there is a dropdown menu set to 'PubMed'. To its right is a search input field containing the text 'CANCER'. Below the input field, a dropdown menu displays a list of suggested keywords, each highlighted in yellow. The suggestions are: 'cervical cancer', 'bladder cancer', 'neck cancer', 'cancer cell', 'thyroid cancer', 'cancer screening', 'cancer risk', 'cancer stem cell', and 'cancer stem cells'. To the right of the search input field is a blue 'Search' button. Below the search input field, there is a vertical scrollbar and a 'Turn off' button. The background of the page shows a partial view of a search result, including the text 'ract', '5):735-8. doi: 10.5535/arm', 'ally Presenting C', 'SJ, Kang JK, Cho EH.', 'e and Rehabilitation, Colle', 'ommonest endocrinolo', 'bological subtype. Comr', and 'gnosed with thyroid ca'. On the right side, there is a 'Favorites' section and a list of search results, including 'ons in Pu', 'skeletal m', 'ary thyroid', 'ed thyroid', and 'shimoto's'.

PubMed

CANCER

Search

cervical cancer

bladder cancer

neck cancer

cancer cell

thyroid cancer

cancer screening

cancer risk

cancer stem cell

cancer stem cells

Turn off

ract

5):735-8. doi: 10.5535/arm

ally Presenting C

SJ, Kang JK, Cho EH.

e and Rehabilitation, Colle

ommonest endocrinolo

bological subtype. Comr

gnosed with thyroid ca

avorites

ons in Pu

skeletal m

ary thyroid

ed thyroid

shimoto's

Search by Journal name

NCBI Resources How To Sign in to NCBI

PubMed Search

US National Library of Medicine
National Institutes of Health

RSS Save search Advanced Help

Show additional filters

Text availability
Abstract available
Free full text available
Full text available

Publication dates
5 years
10 years
Custom range...

Article types
Systematic Reviews
more ...

Languages
English
more ...

Clear all

Show additional filters

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

Send to: Filters: [Manage Filters](#)

Results: 1 to 20 of 78 << First < Prev Page 1 of 4 Next > Last >>

[Medical students' attitudinal changes towards cadaver dissection: a longitudinal study.](#)
1. Mulu A, Tegabu D.
Ethiop J Health Sci. 2012 Mar;22(1):51-8.
PMID: 23066333 [PubMed] **Free PMC Article**
[Related citations](#)

[Is it early to talk about unethical publication practices?](#)
2. [No authors listed]
Ethiop J Health Sci. 2012 Mar;22(1):vi. No abstract available.
PMID: 22984334 [PubMed] **Free PMC Article**
[Related citations](#)

[Smear Posetive Pulmonary Tuberculosis \(PTB\) Prevalence Amongst Patients at Agaro Teaching Health Center, South West Ethiopia.](#)
3. Ali H, Zeynudin A, Mekonnen A, Abera S, Ali S.
Ethiop J Health Sci. 2012 Mar;22(1):71-6.
PMID: 22984333 [PubMed] **Free PMC Article**
[Related citations](#)

[The child sexual abuse epidemic in addis ababa: some reflections on reported incidents, psychosocial consequences and implications.](#)
4. Jemal J.
Ethiop J Health Sci. 2012 Mar;22(1):59-66.
PMID: 22984332 [PubMed] **Free PMC Article**
[Related citations](#)

[Outcome of teenage pregnancy in the niger delta of Nigeria.](#)
5. Ayuba II, Gani O

78 free full-text articles in PubMed Central
Medical students' attitudinal changes towards cadaver dissection: a l [Ethiop J Health Sci. 2012]
Is it early to talk about unethical publication practices? [Ethiop J Health Sci. 2012]
Smear Posetive Pulmonary Tuberculosis (PTB) Prevalence Amongst F [Ethiop J Health Sci. 2012]
See all (78)...

Find related data
Database: Select
Find items

Search details
"Ethiop J Health Sci"[Journal]
OR "ethiopian journal of health sciences"[All Fields]
Search See more...

Recent activity
Turn Off Clear
ethiopian journal of health sciences (78)

lim.nih.gov/pubmed?term=ethiopian%20journal%20of%20health%20sciences#more_filter_g...

Search by author name

NCBI Resources How To Sign in to NCBI

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

PubMed

RSS Save search Advanced Help

Display Settings: Abstract

BMC Med Educ. 2009 Jul 10;9:41.

The effectiveness of web-based and face-to-face continuing education methods on nurses' knowledge about AIDS: a comparative study.

Khatony A, Naveny ND, Ahmadi F, Haqhani H, Vehvilainen-Julkunen K.
PhD Department, School of Nursing & Midwifery, Tehran University of Medical Sciences, Tehran, Iran. akhatony@gmail.com

Abstract

BACKGROUND: Information about web-based education outcomes in comparison with a face-to-face format can help researchers and tutors prepare and deliver future web-based or face-to-face courses more efficiently. The aim of this study was to compare the effectiveness of web-based and face-to-face continuing education methods in improving nurses' knowledge about AIDS.

METHODS: A quasi-experimental method was used with a pre-test and post-test design. In this study 140 nurses with BSc degrees were chosen through a random sampling method and divided into a web-based and a face-to-face group by random allocation. For the former group the intervention consisted of a web-based course on AIDS; the latter received a 3-hour lecture course on the same subject. At the beginning and end of the course in both groups, the nurses' knowledge was measured by a questionnaire. Pre- and post-test scores were compared within and between the groups.

RESULTS: The results show that there was no significant difference between the groups in either the pre-test ($t(138) = -1.7, p = 0.096$) nor the post-test ($t(138) = -1.4, p = 0.163$) scores in the knowledge test. However, there was a significant difference in the pre-test and post-test scores within each group (web-based, $t(69) = 26, p < .001$; face-to-face, $t(69) = 24.3, p < .001$).

CONCLUSION: The web-based method seems to be as effective as the face-to-face method in the continuing education of nurses. Therefore, the web-based method is recommended, as complementary to the face-to-face method, for designing and delivering some topics of continuing education programs for nurses.

PMID: 19591678 [PubMed - indexed for MEDLINE] PMCID: PMC2717067 [Free PMC Article](#)

Read free full text at [BioMed Central](#) **FREE full text article** in PubMed Central

Save items

Related citations in PubMed

An in-service education program as a means to improve nurses' knowledge [Gaoxiong Yi Xue Ke Xue Za Zhi. 2009]

Evaluation of a web-based graduate continuing nursing education program [Nurse Educ Today. 2009]

A descriptive study of registered nurses' experiences with web-based learning [J Adv Nurs. 2002]

Review The effectiveness of Web-based vs. non-Web-based interventions [J Med Internet Res. 2004]

Review A psychoeducational model for changing nurses' AIDS knowledge [J Contin Educ Nurs. 1991]

See reviews...
See all...

Cited by 3 PubMed Central articles

Effectiveness of Web-based versus face-to-face delivery of education in Iran [J Med Internet Res. 2011]

Overview and experience of a nursing e-mentorship program. [Clin J Oncol Nurs. 2011]

Related Citation

PubMed

[RSS](#) [Save search](#) [Advanced](#)

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

Results: 1 to 20 of 2704732 << First < Prev Page of 135237 Next > Last >>

[Thyroid Cancer Initially Presenting Compression Fracture without Common Thyroid Symptoms.](#)

1. Kim DH, Yoo SD, Kim SM, Im SJ, Kang JK, Cho EH.
Ann Rehabil Med. 2012 Oct;36(5):735-8. doi: 10.5535/arm.2012.36.5.735. Epub 2012 Oct 31.
PMID: 23185742 [PubMed - in process]
[Related citations](#)

[The problems of vitamin d insufficiency in older people.](#)

2. Boucher BJ.
Aging Dis. 2012 Aug;3(4):313-29. Epub 2012 Jun 6.
PMID: 23185713 [PubMed - in process]
[Related citations](#)

Results by year



Related searches

[breast cancer](#)

[lung cancer](#)

[prostate cancer](#)

Related Citation

Display Settings: Abstract

Send to:

[Ann Rehabil Med](#). 2012 Oct;36(5):735-8. doi: 10.5535/arm.2012.36.5.735. Epub 2012 Oct 31.

Thyroid Cancer Initially Presenting Compression Fracture without Common Thyroid Symptoms.

Kim DH, Yoo SD, Kim SM, Im SJ, Kang JK, Cho EH.

Department of Physical Medicine and Rehabilitation, College of Medicine, Kyung Hee University, Seoul 130-701, Korea.

Abstract

Thyroid carcinoma is the commonest endocrinological malignancy. After papillary thyroid carcinoma (PTC), follicular thyroid carcinoma (FTC) is the second most common histological subtype. Common presentations of FTC include a solitary thyroid nodule and cervical lymphadenopathy. The incidence of individuals diagnosed with thyroid cancer showing initially distant metastatic disease ranges from 1 to 9%. Also, the incidence of solitary bone metastasis from thyroid is only 2 to 3%. We report a case of a patient with FTC whose initial presentation was low back pain and right buttock pain due to vertebral metastasis rather than the usual neck lumps or symptoms of thyroid disease.

PMID: 23185742 [PubMed - in process]

Save items

★ Add to Favorites

Related citations in PubMed

Distant, solitary skeletal muscle metastasis in recurrent papillary thyroid carcinom [Thyroid. 2011]

Well-differentiated thyroid carcinoma with concomitant Hashimoto's th [Endocr Pathol. 2011]

Pattern of malignancy in clinically solitary thyroid nodule. [Mymensingh Med J. 2012]

Review Papillary carcinoma of the thyroid with distant metastases to the [Jpn J Clin Oncol. 2001]

Review Classification of thyroid follicular cell tumors: with special reference to [Endocr J. 2012]

See reviews...

See all...

Filters

- ▶ Use filters to narrow your search results.
 - ▶ Filter options appear to the left of your results
 - ▶ Click on a filter to apply it to your search
 - ▶ Multiple selections are allowed
- 

Filters

- ▶ Active Filters appear above your search results
 - ▶ To deselect a filter, click the filter name again
 - ▶ Only the most popular filters display by default. Click Show additional filters to view more options
 - ▶ To clear all of your Filters selections, click **Clear all**
- 

Filters

NCBI Resources ▾ How To ▾

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

PubMed ▾ cancer

RSS Save search Advanced

Show additional 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 types
Clinical Trial
Meta-Analysis
Practice Guideline
Randomized Controlled Trial
Review
Systematic Reviews
more ...

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

Results: 1 to 20 of 2704732 << First < Prev Page 1 of 135237 Next > Last >>

- [Thyroid Cancer Initially Presenting Compression Fracture without Common Thyroid Symptoms.](#)
1. Kim DH, Yoo SD, Kim SM, Im SJ, Kang JK, Cho EH.
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PMID: 23185742 [PubMed - in process]
[Related citations](#)
- [The problems of vitamin d insufficiency in older people.](#)
2. Boucher BJ.
Aging Dis. 2012 Aug;3(4):313-29. Epub 2012 Jun 6.
PMID: 23185713 [PubMed - in process]
[Related citations](#)
- [A case of sigmoid colon tuberculosis mimicking colon cancer.](#)
3. Yu SM, Park JH, Kim MD, Lee HR, Jung P, Ryu TH, Choi SH, Lee IS.
J Korean Soc Coloproctol. 2012 Oct;28(5):275-7. doi: 10.3393/jksc.2012.28.5.275. Epub 2012 Oct 31.
PMID: 23185709 [PubMed - in process]
[Related citations](#)
- [A New Technique Using Ultra-slim Endoscopy for High-Grade Crohn's Stricture.](#)
4. Kim GH, Kim KJ, Kim GA, Yang JE, Park HJ, Ye BD, Myung SJ, Yang SK.

Filters

NCBI Resources How To

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

PubMed

RSS Save search Advanced

[Show additional filters](#) **Display Settings:** Summary, 20 per page, Sorted by Recently Added **Send to:** **Filters:** [Manage Filters](#)

[Clear all](#) 

Text availability
Abstract available
Free full text available
 Full text available

Publication dates
 5 years 
10 years
Custom range...

Species
 Humans
Other Animals

Results: 1 to 20 of 431013 << First < Prev Page of 21551 Next > Last >>

 **Filters activated:** Full text available, published in the last 5 years, Humans [Clear all](#) 

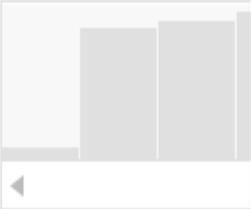
[\[Q & A. A tumor of the uncinat process of the pancreas with skin lesions\].](#)

1. Shiomi H, Takenaka H, Shiomi Y, Hayakumo T, Kutsumi H.
Nihon Shokakibyō Gakkai Zasshi. 2012 Apr;109(4):644-5, 548-9. Japanese. No abstract available.
PMID: 23133879 [PubMed - indexed for MEDLINE]
[Related citations](#)

[\[The development of chemotherapy to unresectable advanced biliary tract cancer\].](#)

2. Arima S, Naruge D, Kasuga A, Kitamura H, Takasu M, Nagashima F, Furuse J.
Gan To Kagaku Ryoho. 2012 Oct;39(10):1490-3. Japanese. No abstract available.
PMID: 23133874 [PubMed - indexed for MEDLINE]
[Related citations](#)

Results by year



Related searches

- [breast cancer](#)
- [lung cancer](#)
- [prostate cancer](#)
- [cancer stem](#)
- [colorectal cancer](#)

Filters

[Show additional filters](#) **Display Settings:** Summary, 20 per page, Sorted by Recen

[Clear all](#)

Text availability clear

Abstract available

Free full text available

Full text available

Publication date

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Species

Humans

Other Animals

Results: 1 to 20 of 431013

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[\[Q & A. A tumor of the uncinata process of the pancre](#)

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PMID: 23133674 [PubMed - indexed for MEDLINE]

[Related citations](#)

Specify Custom Date Range

YYYY MM DD to YYYY MM DD

Apply Clear

Filters

[Show additional filters](#) **Display Settings:** Summary, 20

[Clear all](#) **Results: 1 to 20 of 431013**

Text availability [clear](#) **Filters activated: Full text availab**

Abstract available

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Review

Systema

[more](#)

Language

English

more ...

[Clear all](#)

[Show ad](#)

Article types

- Addresses
- Autobiography
- Bibliography
- Biography
- Case Reports
- Classical Article
- Clinical Conference
- Clinical Trial
- Clinical Trial, Phase I
- Clinical Trial, Phase II
- Clinical Trial, Phase III
- Clinical Trial, Phase IV
- Comment
- Comparative Study
- Congresses
- Consensus Development Conference
- Consensus Development Conference, NIH
- Controlled Clinical Trial

[Show](#)

Show additional filters

Systematic Reviews
more ...

Languages
English
more ...

[Clear all](#)

Show additional filters

Additional filters ✕

- Text availability
- Publication dates
- Species
- Article types
- Languages
- Sex
- Subjects
- Journal categories
- Ages
- Search fields

Show

Show additional filters

Systematic Reviews
more ...

Languages
English
more ...

[Clear all](#)

Show additional filters

Additional filters ✕

- Text availability
- Publication dates
- Species
- Article types
- Languages
- Sex
- Subjects
- Journal categories
- Ages
- Search fields

Show

Subjects

AIDS

Cancer

more ... 

Clear all

Show additional filters

Language
English
more ...

Subjects
AIDS
Cancer
more ...

[Clear all](#)
[Show ad](#)

Subjects ×

- AIDS
- Bioethics
- Cancer
- Complementary Medicine
- Dietary Supplements
- History of Medicine
- Toxicology
- Veterinary Science

Show

Show additional filters

The image shows a search interface with a sidebar on the left and a modal dialog box on the right. The sidebar contains the following elements:

- Systematic Reviews
more ...
- Languages
English
more ...
- [Clear all](#)
- [Show additional filters](#) (highlighted in yellow)

The 'Additional filters' dialog box is open, showing a list of filter categories with checkboxes:

- Text availability
- Publication dates
- Species
- Article types
- Languages
- Sex
- Subjects
- Journal categories (indicated by a red arrow)
- Ages
- Search fields

At the bottom of the dialog box is a blue button labeled 'Show'.

Show additional filters

Journal categories

Core clinical journals

Dental journals

MEDLINE

Nursing journals

Show additional filters

Systematic Reviews
more ...

Languages
English
more ...

[Clear all](#)

Show additional filters

Additional filters ✕

- Text availability
- Publication dates
- Species
- Article types
- Languages
- Sex
- Subjects ←
- Journal categories
- Ages ←
- Search fields

Show

Ages

Child: birth-18 years

Infant: birth-23 months

Adult: 19+ years

Adult: 19-44 years

Aged: 65+ years

more ... 

Species

- Humans
- Other An

Ages

- Child: bir
- Infant: bi
- Adult: 19
- Adult: 19
- Aged: 65
- [more ...](#)

[Clear all](#)

[Show ad](#)

Ages

- Child: birth-18 years
- Newborn: birth-1 month
- Infant: birth-23 months
- Infant: 1-23 months
- Preschool Child: 2-5 years
- Child: 6-12 years
- Adolescent: 13-18 years
- Adult: 19+ years
- Young Adult: 19-24 years
- Adult: 19-44 years
- Middle Aged + Aged: 45+ years
- Middle Aged: 45-64 years
- Aged: 65+ years
- 80 and over: 80+ years

[Show](#)

Show additional filters

The image shows a search interface with a sidebar on the left and a modal dialog box on the right. The sidebar contains the following elements:

- Systematic Reviews
more ...
- Languages
English
more ...
- [Clear all](#)
- [Show additional filters](#) (highlighted with a yellow background and a black dotted border)

The 'Additional filters' dialog box is open, displaying a list of filter categories with checkboxes:

- Text availability
- Publication dates
- Species
- Article types
- Languages
- Sex
- Subjects ← (blue arrow)
- Journal categories
- Ages
- Search fields ← (red arrow)

At the bottom of the dialog box is a blue button labeled 'Show'.

Show additional filters

Search fields

Choose ...

Clear all

Show additional filters

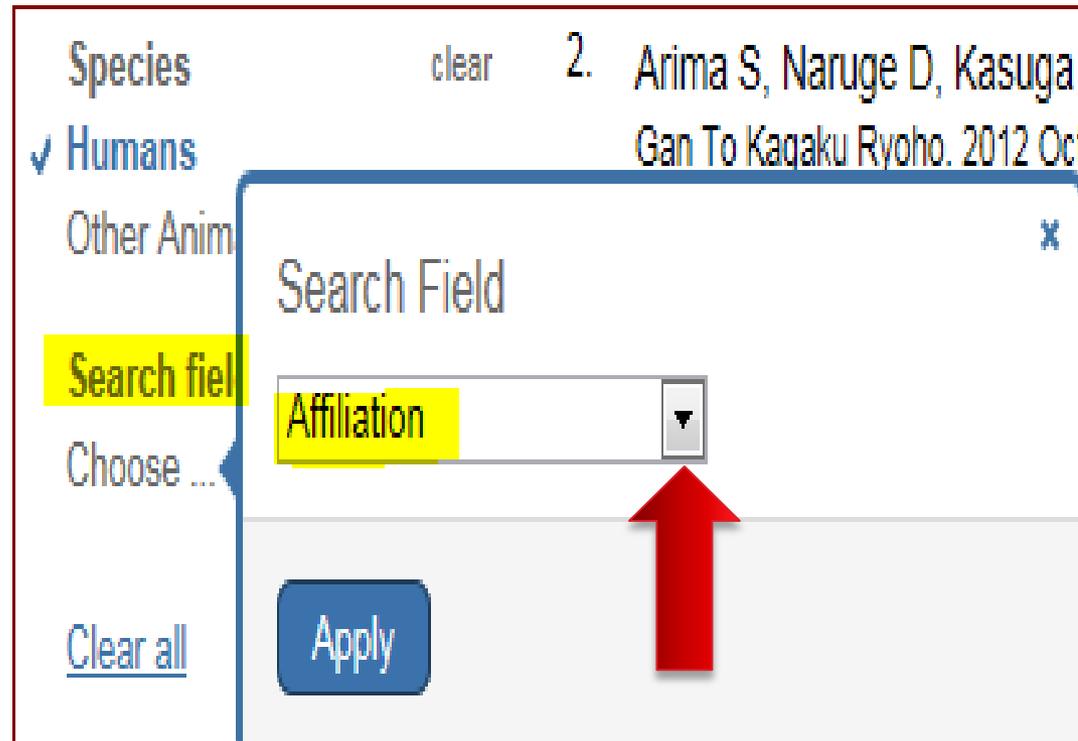
Species clear 2. Arima S, Naruge D, Kasuga
✓ Humans Gan To Kagaku Ryoho. 2012 Oc
Other Anim x

Search Field

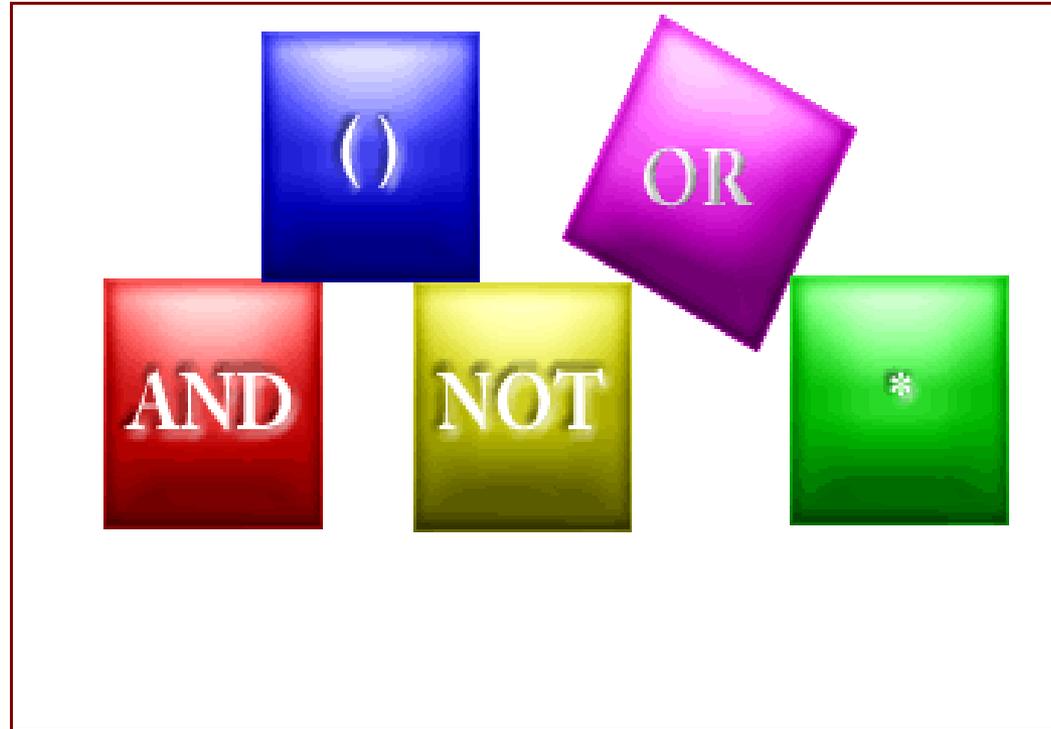
Search field Affiliation ▼

Choose ...

Clear all Apply

A screenshot of a search interface. On the left, there is a vertical list of categories: 'Species', 'Humans' (with a checkmark), 'Other Anim', 'Search field' (highlighted in yellow), 'Choose ...', and 'Clear all'. On the right, there is a search area titled 'Search Field' with a close button 'x'. Below the title is a search input field containing the text 'Affiliation' (highlighted in yellow) and a dropdown arrow. A red arrow points upwards to the dropdown arrow. Below the search field is a blue 'Apply' button.

Building Blocks



Building Blocks

- ▶ The Boolean operators AND, OR, NOT can be used to combine search terms in PubMed.
- ▶ In PubMed, Boolean operators **must be entered in uppercase letters.**

OR

- ▶ Used to retrieve a set in which each citation contains *at least one* of the search terms.
 - ▶ Use OR when you want to pull together articles on similar topics.
- 

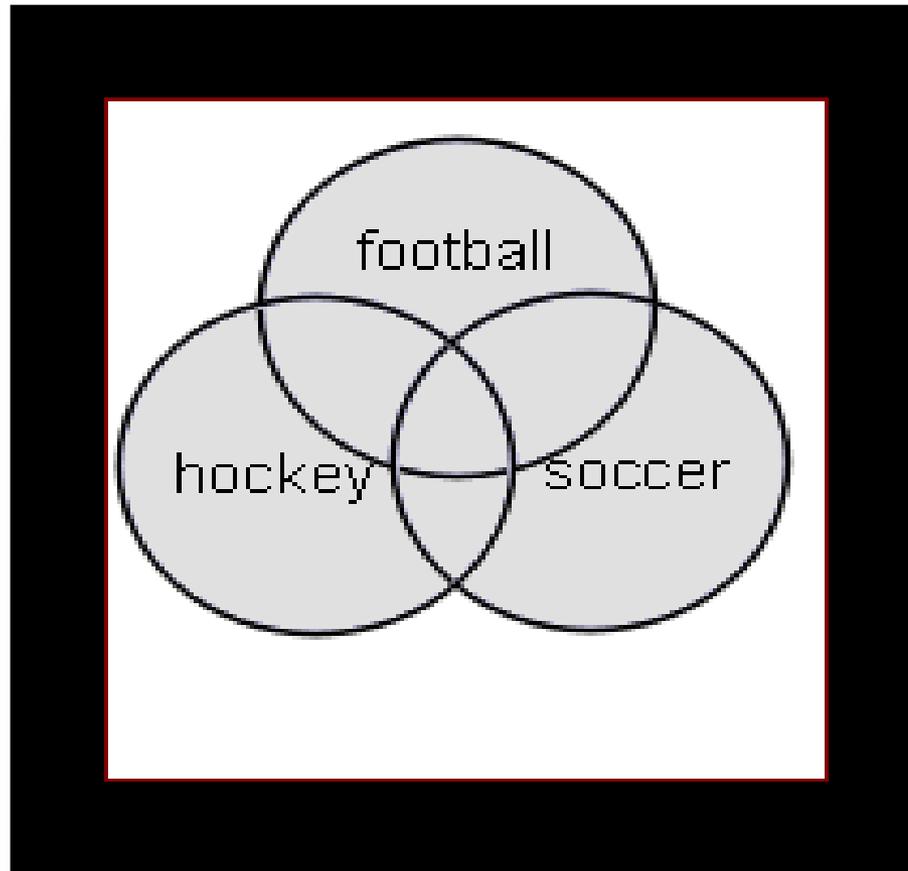
OR

- ▶ tumor: 2600000
- ▶ Cancer: 2704732
- ▶ Neoplasm: 2434519
- ▶ neoplasm OR cancer OR neoplasm : 2727543

OR

<i>Search terms</i>	<i>Results</i>
football	4819
hockey	1058
soccer	2517
football OR hockey OR soccer	6090

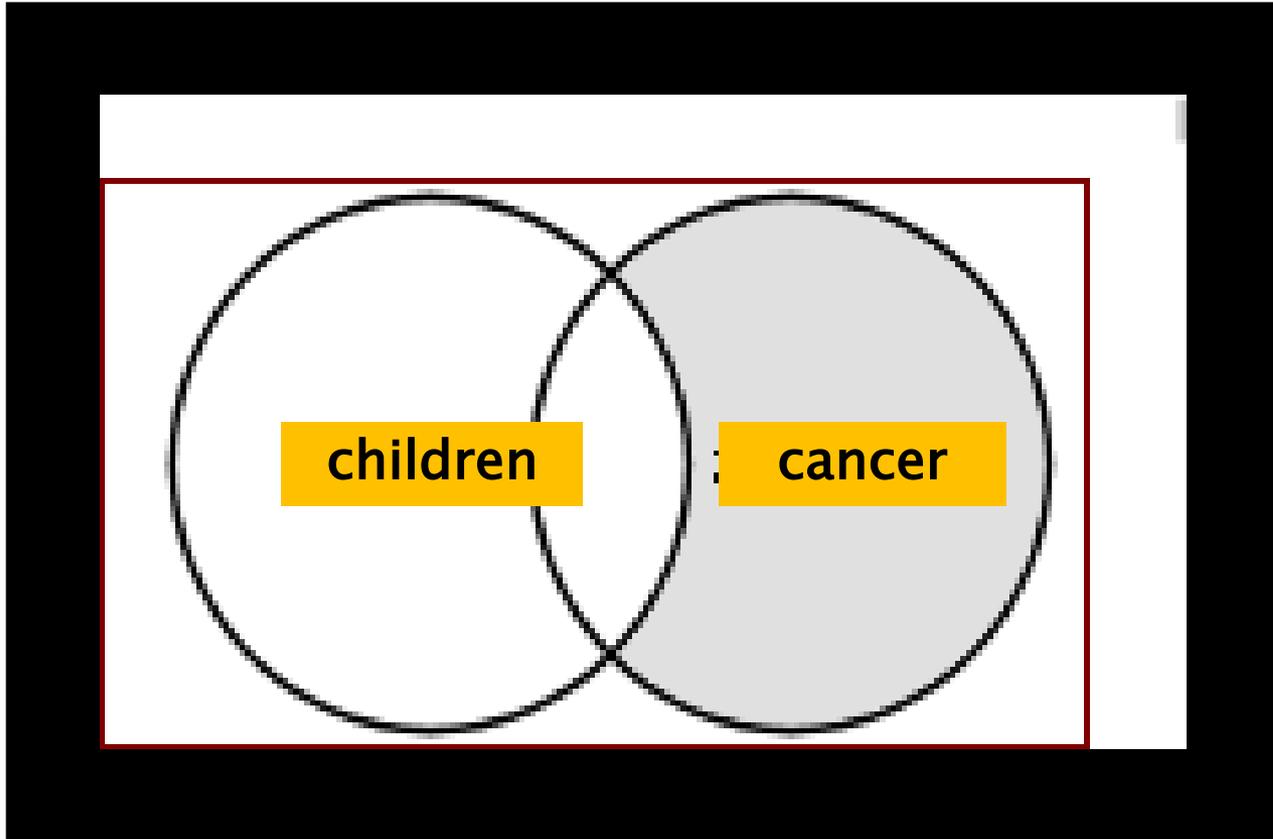
OR



NOT

- ▶ Retrieves a set from which citations to articles containing specified search terms following the NOT operator are eliminated.
 - ▶ **Example:** Cancer *NOT* children
 - ▶ Cancer: 2704732
 - ▶ *Children: 1762368*
 - ▶ Cancer *NOT* children:204047
- 

NOT

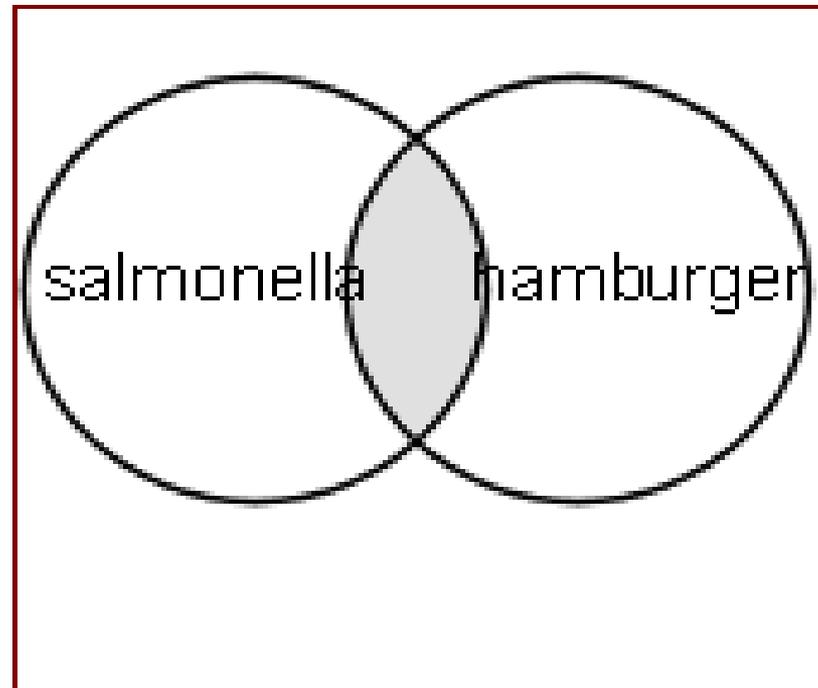


AND

- ▶ Used to retrieve a set in which each citation contains *all* search terms.
 - ▶ Salmonella: *64810*
 - ▶ Hamburger: *2494*
 - ▶ Salmonella AND Hamburger: *12*
- 

AND

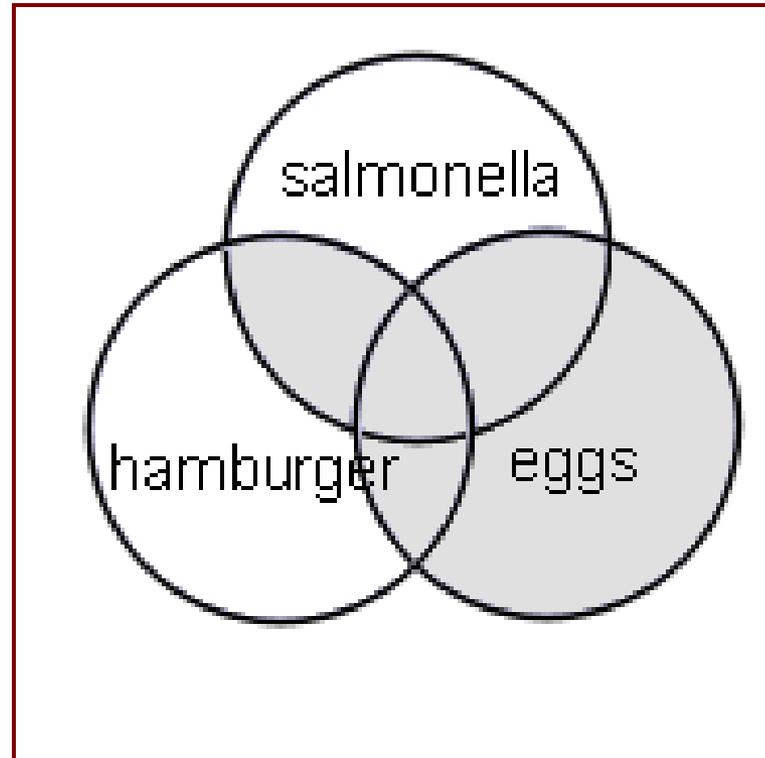
Example: salmonella AND hamburger



Nesting

- ▶ When using multiple Boolean operators in PubMed, they are processed left to right.
- ▶ **Example:** *salmonella AND hamburger OR eggs*
- ▶ This will retrieve records that include both terms *salmonella AND hamburger* as well as all records with the term *eggs*, whether or not they contain the other two terms.

salmonella AND hamburger OR eggs



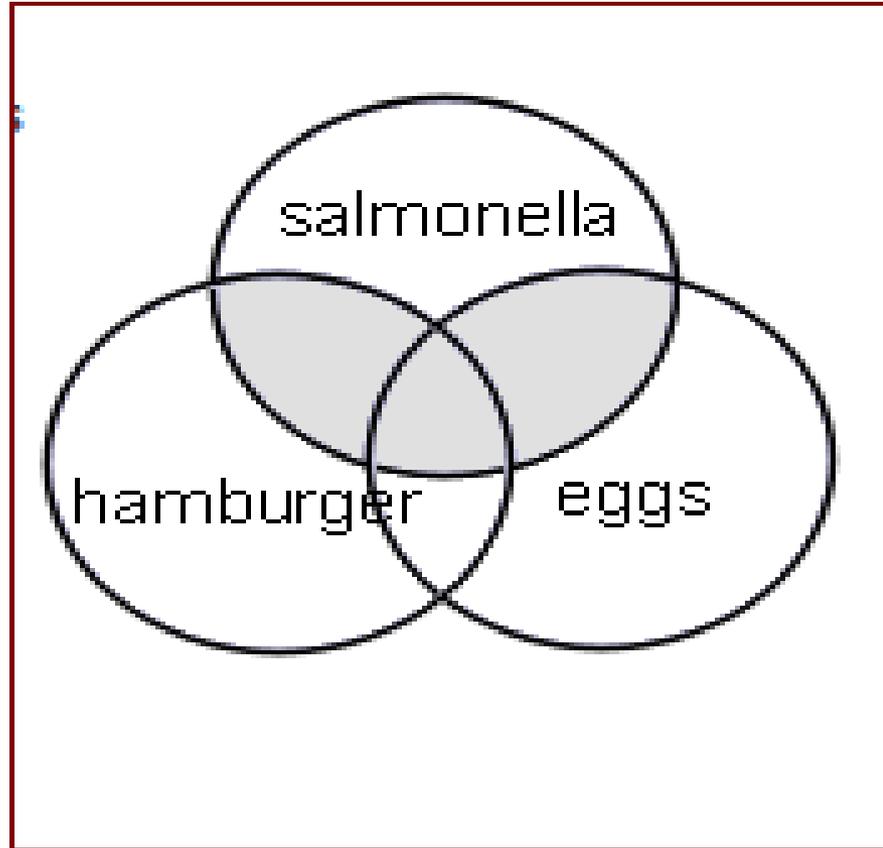
Nesting

- ▶ To change the order in which terms are processed, enclose the term(s) in parentheses. The terms inside the set of parentheses will be processed as a unit and then incorporated into the overall strategy. **This is called nesting.**
- 

Nesting

- ▶ This will retrieve records that contain the term *salmonella*, as well as one or both of the terms *hamburger* OR *eggs*.
 - ▶ *salmonella AND (hamburger OR eggs)*
- 

salmonella AND (hamburger OR eggs)



Review

- ▶ Boolean operators: AND, OR, and NOT
 - ▶ AND, OR and NOT must be entered in UPPERCASE.
 - ▶ AND is the default operator used in PubMed. If you do not include Boolean operators in your search, PubMed will automatically use AND between terms.
 - ▶ PubMed processes Boolean connectors in a left-to-right sequence.
 - ▶ You can change the order in which PubMed processes a search statement by enclosing, that is nesting, an individual concept in parentheses. The terms inside the parentheses will be processed as a unit and then incorporated into the overall strategy
- 

History

How To

PubMed

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

Results: 1 to 20 of 5504762 [<< First](#) [< Prev](#) Page of 275239 [Next >](#) [Last >>](#) **Results by year**

[Improvement of the working memory and naming by transcranial direct current stimulation.](#)

1. Jeon SY, Han SJ.
Ann Rehabil Med. 2012 Oct;36(5):585-95. doi: 10.5535/arm.2012.36.5.585. Epub 2012 Oct 31.
PMID: 23185722 [PubMed - in process]
[Related citations](#)



History

[Clear history](#)

Search	Add to builder	Query	Items found	Time
#20	Add	Search arthritis AND children OR adults	5504762	13:53:53
#19	Add	Search arthritis AND children	19996	13:52:55
#18	Add	Search arthritis NOT children	204047	13:40:07
#17	Add	Search Children	1762368	13:39:38
#9	Add	Search cancer	2704732	13:39:02
#16	Add	Search cancer Filters: Full text available; published in the last 5 years	529149	13:38:54
#14	Add	Search cancer Filters: Full text available; published in the last 5 years; Humans	431013	13:34:52
#15	Add	Search cancer NOT letter Filters: Full text available; published in the last 5 years; Humans	407916	13:34:33
#13	Add	Search cancer Filters: published in the last 5 years; Humans	464359	12:45:28
#12	Add	Search cancer Filters: published in the last 5 years	567288	12:45:11
#10	Add	Related Citations for PubMed (Select 23185742)	101	12:16:15
#8	Add	Search cancer	15	12:06:56
#7	Add	Search breast feeding	38	12:06:33
#6	Add	Search breast feeding	1	12:06:33

Search	Add to builder	Query
#20	Add	Search arthritis AND children OR adults
#19	AND in builder	AND children
#18	OR in builder	NOT children
#17	NOT in builder	
#9	Delete from history	
#16	Show search results	Filters: Full text available; published in the last 5 years
#14	Show search details	Filters: Full text available; published in the last 5 years; Hum
#15	Save in My NCBI	OT letter Filters: Full text available; published in the last 5



Builder

Recent Query ▾ #20 −

AND ▾ Recent Query ▾ #19 − +

or [Add to history](#)

نحوه جستجوی یک عبارت

PubMed

 [RSS](#) [Save search](#) [Advanced](#)

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

 Showing results for *pressure point*. Search instead for [pressure point](#) (3 items)

Results: 1 to 20 of 20801 [<< First](#) [< Prev](#) Page of 1041 [Next >](#) [Last >>](#)

جستجوی عبارت “ ”

PubMed

[RSS](#) [Save search](#) [Advanced](#)

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

i Showing results for *pressure point*. Search instead for *presure point* (3 items)

Results: 1 to 20 of 20801 << First < Prev Page 1 of 1041 Next > Last >>

PubMed

[RSS](#) [Save search](#) [Advanced](#)

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

w Quoted phrase not found.

i See the search [details](#).

Results: 3

Truncation

PubMed



brain cancer*



RSS

[Save search](#)

[Advanced](#)

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

Results: 1 to 20 of 1511

Find related data



Database:

Find items

Search details



```
brain cancer[All Fields] OR  
brain cancers[All Fields]
```

Search

[See more...](#)

How To ▾

PubMed ▾ brain cancer

 RSS [Save search](#) [Advanced](#)

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

Results: 1 to 20 of 137616

Search details

```
"brain neoplasms"[MeSH Terms]
OR ("brain"[All Fields]
AND "neoplasms"[All Fields])
OR "brain neoplasms"[All
Fields] OR ("brain"[All Fields]
```

[Search](#) [See more](#)

سوال

Which of the following strategies will retrieve citations on the topic of allergies to eggs or peanuts?

- A allergies NOT peanuts AND eggs
- B allergies and (peanuts or eggs)
- C allergies AND peanuts OR eggs
- D allergies AND (peanuts OR eggs)

A allergies NOT peanuts AND eggs

B allergies and (peanuts or eggs)

C allergies AND peanuts OR eggs

D allergies AND (peanuts OR eggs)



Well done. Boolean operators must be in uppercase letters and parentheses are used to control the order of processing.

What is the truncation symbol in PubMed?

A ?

B #

C :

D *

A ?

B #

C :

D *



That's right!

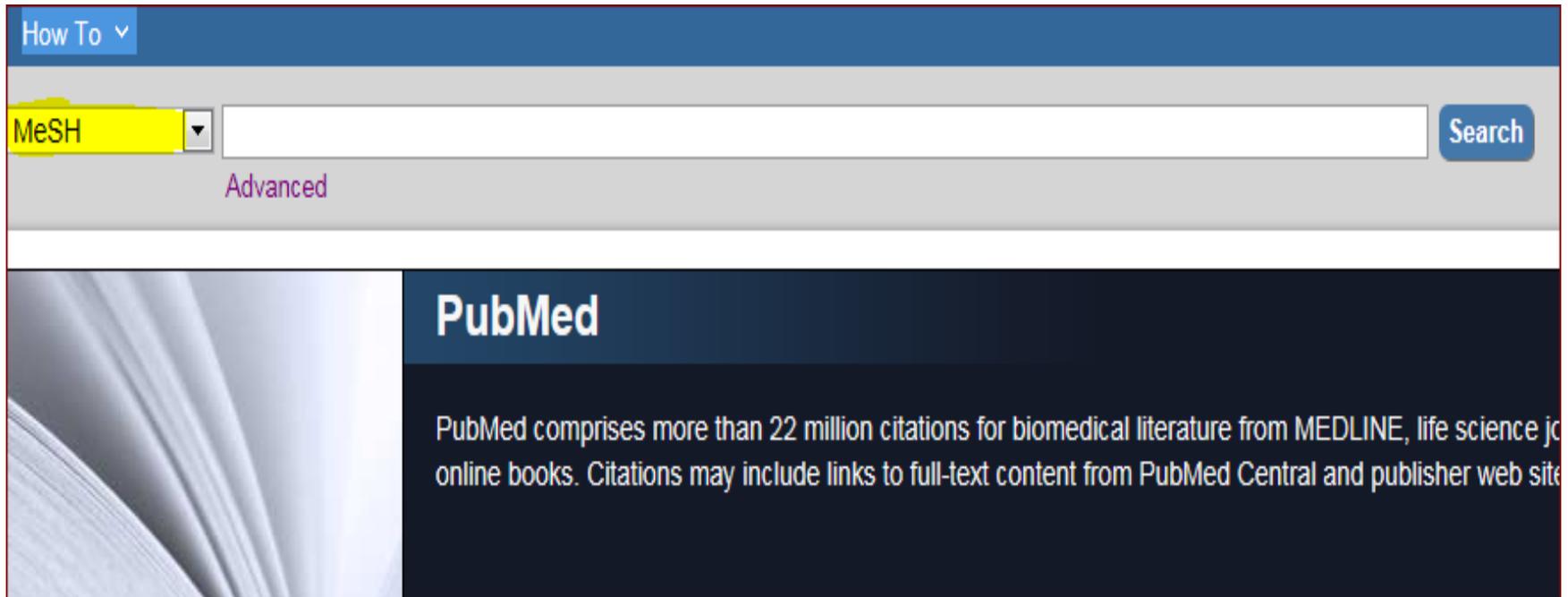
The asterisk (*) is used as the truncation symbol.

Search Tools

- ▶ **The MeSH Database** enables you to find and search with MeSH vocabulary terms.
 - ▶ **The NLM Catalog Journals search page** enables you to find information about journals and search these journals in PubMed.
 - ▶ **Clinical Queries** are prefabricated searches that can help you narrow your search to clinically relevant literature.
- 

MeSH

Medical Subject Heding



The screenshot shows the MeSH search interface on the PubMed website. At the top left, there is a blue navigation bar with a dropdown menu labeled "How To". Below this, a search bar contains the text "MeSH" in a yellow highlight, followed by a search input field and a blue "Search" button. Underneath the search bar, the word "Advanced" is written in purple. The main content area features a dark blue header with the "PubMed" logo. To the left of the text is a decorative image of a stack of books. The text below the header states: "PubMed comprises more than 22 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."

[Display Settings:](#) Summary, 20 per page

[Send to:](#)

Results: 1 to 20 of 40

<< First < Prev Page 1 of 2 Next > Last >>

[Diabetes Mellitus](#)

1. A heterogeneous group of disorders characterized by HYPERGLYCEMIA and GLUCOSE INTOLERANCE.

[Diabetes Insipidus](#)

2. A disease that is characterized by frequent urination, excretion of large amounts of dilute URINE, and excessive THIRST. Etiologies of **diabetes insipidus** include deficiency of antidiuretic hormone (also known as ADH or VASOPRESSIN) secreted by the NEUROHYPOPHYSIS, impaired KIDNEY response to ADH, and impaired hypothalamic regulation of thirst.

[Diabetes Mellitus, Type 2](#)

3. A subclass of **DIABETES MELLITUS** that is not INSULIN-responsive or dependent (NIDDM). It is characterized initially by INSULIN RESISTANCE and HYPERINSULINEMIA; and eventually by GLUCOSE INTOLERANCE; HYPERGLYCEMIA; and overt **diabetes**. Type II **diabetes mellitus** is no longer considered a disease exclusively found in adults. Patients seldom develop KETOSIS but often exhibit OBESITY.
Year introduced: 2005 (1984)

[Diabetes Mellitus, Type 1](#)

4. A subtype of **DIABETES MELLITUS** that is characterized by INSULIN deficiency. It is manifested by the sudden onset of severe HYPERGLYCEMIA, rapid progression to DIABETIC KETOACIDOSIS, and DEATH unless treated with insulin. The disease may occur at any age, but is most common in childhood or adolescence.
Year introduced: 2005 (1984)

Results: 1 to 20 of 40

<< First < Prev Pag

Diabetes Mellitus

1. A heterogeneous group of disorders characterized by HYPERGLYCEMIA and GLUCOSE INTOLERANCE.

Diabetes Mellitus

A heterogeneous group of disorders characterized by HYPERGLYCEMIA and GLUCOSE INTOLERANCE.

PubMed search builder options

Subheadings:

- | | | |
|--|---|--|
| <input type="checkbox"/> analysis | <input type="checkbox"/> epidemiology | <input type="checkbox"/> psychology |
| <input type="checkbox"/> blood | <input type="checkbox"/> ethnology | <input type="checkbox"/> radiography |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> etiology | <input type="checkbox"/> radionuclide imaging |
| <input type="checkbox"/> chemical synthesis | <input type="checkbox"/> genetics | <input type="checkbox"/> radiotherapy |
| <input type="checkbox"/> chemically induced | <input type="checkbox"/> history | <input type="checkbox"/> rehabilitation |
| <input type="checkbox"/> chemistry | <input type="checkbox"/> immunology | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> classification | <input type="checkbox"/> metabolism | <input type="checkbox"/> surgery |
| <input type="checkbox"/> congenital | <input type="checkbox"/> microbiology | <input type="checkbox"/> therapy |
| <input type="checkbox"/> diagnosis | <input type="checkbox"/> mortality | <input type="checkbox"/> toxicity |
| <input type="checkbox"/> diet therapy | <input type="checkbox"/> nursing | <input type="checkbox"/> transmission |
| <input type="checkbox"/> drug therapy | <input type="checkbox"/> parasitology | <input type="checkbox"/> ultrasonography |
| <input type="checkbox"/> economics | <input type="checkbox"/> pathology | <input type="checkbox"/> urine |
| <input type="checkbox"/> education | <input type="checkbox"/> physiology | <input type="checkbox"/> veterinary |
| <input type="checkbox"/> embryology | <input type="checkbox"/> physiopathology | <input type="checkbox"/> virology |
| <input type="checkbox"/> enzymology | <input type="checkbox"/> prevention and control | |

Restrict to MeSH Major Topic.

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



- | | |
|--|---|
| <input checked="" type="checkbox"/> analysis | <input type="checkbox"/> epidemiology |
| <input type="checkbox"/> blood | <input type="checkbox"/> ethnology |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> etiology |
| <input type="checkbox"/> chemical synthesis | <input type="checkbox"/> genetics |
| <input type="checkbox"/> chemically induced | <input type="checkbox"/> history |
| <input type="checkbox"/> chemistry | <input type="checkbox"/> immunology |
| <input type="checkbox"/> classification | <input type="checkbox"/> metabolism |
| <input type="checkbox"/> congenital | <input type="checkbox"/> microbiology |
| <input type="checkbox"/> diagnosis | <input type="checkbox"/> mortality |
| <input type="checkbox"/> diet therapy | <input type="checkbox"/> nursing |
| <input type="checkbox"/> drug therapy | <input type="checkbox"/> parasitology |
| <input type="checkbox"/> economics | <input type="checkbox"/> pathology |
| <input type="checkbox"/> education | <input type="checkbox"/> physiology |
| <input type="checkbox"/> embryology | <input type="checkbox"/> physiopathology |
| <input type="checkbox"/> enzymology | <input type="checkbox"/> prevention and control |

PubMed search builder

"Diabetes Mellitus/analysis" [Majr:NoExp]

Add to search builder

AND

Search PubMed



- analysis
- blood
- cerebrospinal fluid
- chemical synthesis
- chemically induced
- chemistry
- classification
- congenital
- diagnosis
- diet therapy
- drug therapy
- economics
- education
- embryology
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- metabolism
- microbiology
- mortality
- nursing
- parasitology
- pathology
- physiology
- physiopathology
- prevention and control



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

Tree Number(s): C18.452.394.750. C19.246

PubMed search builder

```
("Diabetes Mellitus/analysis" [Majr:NoExp]) AND "Diabetes Mellitus/analysis" [Majr]
```

AND



PubMed search builder

```
("Diabetes Mellitus/analysis" [Majr:NoExp]) AND "Diabetes Mellitus/analysis" [Majr]
```

Add to search builder AND

Search PubMed



[Display Settings:](#) Abstract

[Send to:](#)

[J Clin Invest.](#) 1970 Dec;49(12):2172-87.

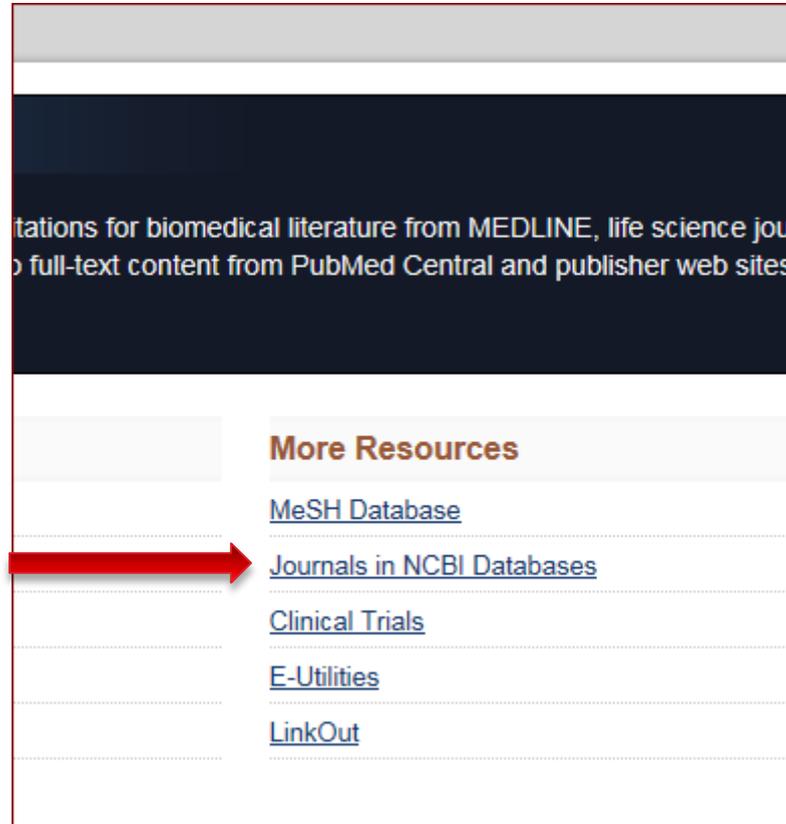
Evidence for the chylomicron origin of lipids accumulating in diabetic eruptive xanthomas: a correlative lipid biochemical, histochemical, and electron microscopic study.

[Parker F](#), [Bagdade JD](#), [Odland GF](#), [Bierman EL](#).

Abstract

Plasma lipoprotein alterations in nine insulin-dependent diabetics with hyperlipemia have been related to the lipid accumulating in eruptive xanthomas evolving in these patients. Histochemical and electron microscopic examination of xanthomas have been correlated with the lipid analyses in order to obtain additional evidence regarding the lipoprotein origin of lipids accumulating in the lesions. Both analytical and morphologic evidence suggested that circulating chylomicrons significantly contribute to the xanthoma lipids. All the patients had large quantities of circulating triglyceriderich chylomicrons which carried approximately 70% of the triglyceride found in the plasma. The fatty acid pattern of chylomicron and xanthoma triglycerides

Journal Search (NLM Catalog)



itations for biomedical literature from MEDLINE, life science journals, and full-text content from PubMed Central and publisher web sites

More Resources

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

A red arrow points to the link 'Journals in NCBI Databases'.

Journal Search (NLM Catalog)



NCBI Resources How To

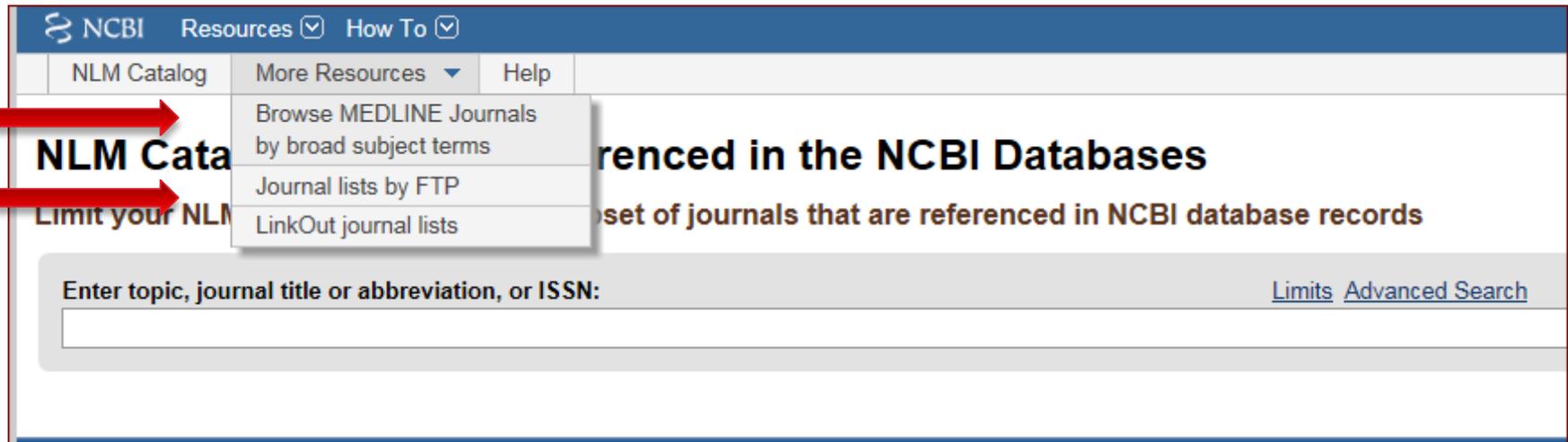
NLM Catalog More Resources Help

NLM Catalog: Journals referenced in the NCBI Databases

Limit your NLM Catalog search to the subset of journals that are referenced in NCBI database records

Enter topic, journal title or abbreviation, or ISSN: [Limits](#) [Advanced Search](#)

Journal Search (NLM Catalog)



The screenshot shows the top navigation bar of the NLM Catalog website. The main navigation menu includes 'NLM Catalog', 'More Resources', and 'Help'. A dropdown menu is open under 'More Resources', listing 'Browse MEDLINE Journals by broad subject terms', 'Journal lists by FTP', and 'LinkOut journal lists'. Two red arrows point to the 'NLM Catalog' text and the 'Limit your NLM' text. The main content area features the heading 'Journal lists referenced in the NCBI Databases' and a sub-heading 'A subset of journals that are referenced in NCBI database records'. Below this is a search input field with the placeholder text 'Enter topic, journal title or abbreviation, or ISSN:' and links for 'Limits' and 'Advanced Search'.

NCBI Resources How To

NLM Catalog More Resources Help

NLM Catalog

Limit your NLM

Browse MEDLINE Journals by broad subject terms

Journal lists by FTP

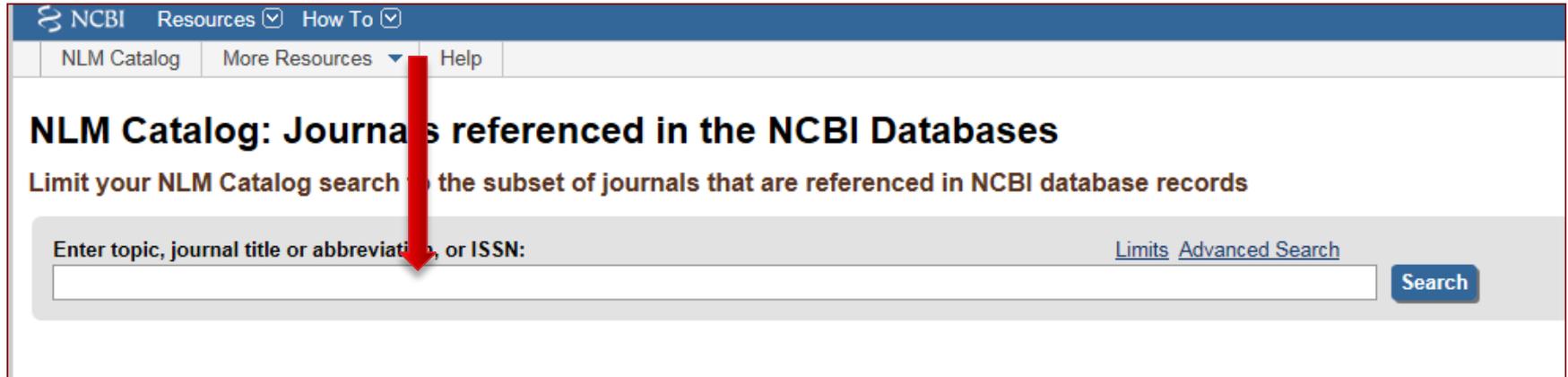
LinkOut journal lists

Journal lists referenced in the NCBI Databases

A subset of journals that are referenced in NCBI database records

Enter topic, journal title or abbreviation, or ISSN: [Limits](#) [Advanced Search](#)

Journal Search (NLM Catalog)



NCBI Resources How To

NLM Catalog More Resources Help

NLM Catalog: Journals referenced in the NCBI Databases

Limit your NLM Catalog search to the subset of journals that are referenced in NCBI database records

Enter topic, journal title or abbreviation, or ISSN: [Limits](#) [Advanced Search](#)

NLM Catalog: Journals referenced in the NCBI Databases

Limit your NLM Catalog search to the subset of journals that are referenced in NCBI database records

Enter topic, journal title or abbreviation, or ISSN:

[Limits](#) [Advanced Search](#)



Search

NLM Catalog

More Resources

Help

NLM Catalog: Journals referenced in the NCBI Databases

Limit your NLM Catalog search to the subset of journals that are referenced in NCBI database records

Enter topic, journal title or abbreviation, or ISSN:

[Limits](#) [Advanced Search](#)

annals of internal

Annals of internal medicine



 **Limits Activated:** Journals referenced in the NCBI databases [Change](#) | [Remove](#)

Results: 2

[ACP journal club](#) 

1. American College of Physicians.; American Society of Internal Medicine.

NLM Title Abbreviation: ACP J Club

ISSN: 1056-8751 (Print) ; 1539-8560 (Electronic) ; 1056-8751 (Linking)

<1999-> : Philadelphia, PA : American College of Physicians-American Society of Internal Medicine

Not currently indexed for MEDLINE

NLM ID: 9104824 [Serial]

[Annals of internal medicine](#)

2. American College of Physicians.; American College of Physicians--American Society of Internal Medicine

NLM Title Abbreviation: Ann Intern Med

ISSN: 0003-4819 (Print) ; 1539-3704 (Electronic) ; 0003-4819 (Linking)

<2001->: Philadelphia, PA : American College of Physicians--American Society of Internal Medicine

Currently indexed for MEDLINE

NLM ID: 0372351 [Serial]

Annals of internal medicine

Author(s): American College of Physicians.

American College of Physicians--American Society of Internal Medicine.

NLM Title Abbreviation: Ann Intern Med

ISO Abbreviation: Ann. Intern. Med.

Title(s): Annals of internal medicine.

Other Title(s): Rheumatism review

Ann. Int. M.

Ann. Int. Med.

Supersedes : Annals of clinical medicine

Related Title: Annals of internal medicine. Supplement

ACP journal club1991-1994

Publication Start Year: 1927

Frequency: Semimonthly , <1991->

Country of Publication: United States

Publisher: Philadelphia [etc.] American College of Physicians.

Latest Publisher: <2001->: Philadelphia, PA : American College of Physicians--American Society of

Description: v. ill., ports.

Language: English

ISSN: 0003-4819 (Print)

1539-3704 (Electronic)

0003-4819 (Linking)

Acid-Free: No

Coden: AIMEAS

LCCN: 43032966

Electronic Links: <http://www.annals.org/>

Fully Indexed In: Index medicus v63n4,Oct. 1965-

MEDLINE v63n4,Oct. 1965-

PubMed v63n4,Oct. 1965-

Abridged index medicus

Indexed In: OLDMEDLINE

Display Settings: Summary, Sorted by Pub

 **Limits Activated:** Journals referenced in

Results: 2

[ACP journal club](#)

1. American College of Physicians.; Americ
NLM Title Abbreviation: ACP J Club
ISSN: 1056-8751 (Print) ; 1539-8560 (Elect
<1999>- : Philadelphia, PA : American Coll
Not currently indexed for MEDLINE
NLM ID: 9104824 [Serial]

[Annals of internal medicine](#)

2. American College of Physicians.; Americ
NLM Title Abbreviation: Ann Intern Med
ISSN: 0003-4819 (Print) ; 1539-3704 (Elect
<2001->: Philadelphia, PA : American Colle
Currently indexed for MEDLINE
NLM ID: 0372351 [Serial]

[Manage Filters](#)

PubMed search builder

"Ann Intern Med"[Journal] OR
"ACP J Club"[Journal]

Add to search builder

Search PubMed



[Manage Filters](#)

PubMed search builder

"Ann Intern Med"[Journal] OR
"ACP J Club"[Journal]

Add to search builder

Search PubMed



PubMed

 RSS [Save search](#) [Advanced](#)

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

 **Results: 1 to 20 of 29850** << First < Prev Page of 1493 Next > Last >>

- [Screening for Hepatitis C Virus Infection in Adults: A Systematic Review to Update the 2004 U.S. Preventive Services Task Force Recommendation.](#)
1. Chou R, Cottrell EB, Wasson N, Rahman B, Guise JM.
Ann Intern Med. 2012 Nov 27. doi: 10.7326/0003-4819-158-2-201301150-00574. [Epub ahead of print]
PMID: 23183613 [PubMed - as supplied by publisher]
[Related citations](#)

- [Early Clinical Observations in Prospectively Followed Patients With Fungal Meningitis Related to Contaminated Epidural Steroid Injections.](#)
2. Kerkering TM, Grifasi ML, Baffoe-Bonnie AW, Bansal E, Garner DC, Smith JA, Demicco DD, Schlepner CJ, Aldoghaither RA, Savaliya VA.
Ann Intern Med. 2012 Nov 12. doi: 10.7326/0003-4819-158-3-201302050-00568. [Epub ahead of print]
PMID: 23183583 [PubMed - as supplied by publisher]
[Related citations](#)

Clinical Queries

	PubMed Tools
	PubMed Mobile
	Single Citation Matcher
	Batch Citation Matcher
	Clinical Queries
	Topic-Specific Queries

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](#).

fever

Search

Clinical Study Categories

Category:

Scope:

Results: 5 of 49422

Knowledge and beliefs about antibiotics among people in Yogyakarta City Indonesia: a cross sectional population-based survey.

Widayati A, Suryawati S, de Crespigny C, Hiller JE.

Antimicrob Resist Infect Control. 2012 Nov 23; 1(1):38. Epub 2012 Nov 23.

[Clinical observation on treatment of premature ovarian failure patients of shen deficiency qan stagnation syndrome by

Systematic Reviews

Results: 5 of 1343

Will periodontal treatment prevent heart disease and stroke?

Merchant AT.

J Evid Based Dent Pract. 2012 Dec; 12(4):212-5.

Comparison Different Methods of Intraoperative and Intraperitoneal Chemotherapy for Patients with Gastric Cancer: A Meta-analysis.

Huang JY, Xu YY, Sun Z, Zhu Z, Song YX, Guo PT, You Y, Xu HM.

Medical Genetics

Topic:

Results: 5 of 11564

Acute rheumatic fever with Chorea.

Buonuomo PS, Macchiaiolo M, Toscano A, De Benedetti F, Villani A, A.

Arch Dis Child. 2012 Nov 24; . Epub 2012 Nov 24.

Mouse models for filovirus infections.

Bradfute SB, Warfield KL, Bray M.

Viruses. 2012 Sep; 4(9):1477-508. Epub 2012 Sep 7.

fever

Search

Clinical Study Categories

Category:

Scope:

Results: 5 of 49422

Knowledge and beliefs about antibiotics among people in Yogyakarta City Indonesia: a cross sectional population-based survey.

Widayati A, Suryawati S, de Crespigny C, Hiller JE.

Antimicrob Resist Infect Control. 2012 Nov 23; 1(1):38. Epub 2012 Nov 23.

[Clinical observation on treatment of premature ovarian failure patients of shen deficiency qan stagnation syndrome by

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Medical Genetics

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Buonuomo PS, Macchiaiolo M, Toscano A, De Benedetti F, Villani A, A.

Arch Dis Child. 2012 Nov 24; . Epub 2012 Nov 24.

Mouse models for filovirus infections.

Bradfute SB, Warfield KL, Bray M.

Viruses. 2012 Sep; 4(9):1477-508. Epub 2012 Sep 7.

Search by Citation

NCBI Resources ▾ How To ▾

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

PubMed exp neurol 187 2 279

RSS Save search Advanced

Display Settings: Abstract Send to:

Exp Neurol, 2004 Jun;187(2):279-88.

Fibrillization of alpha-synuclein and tau in familial Parkinson's disease caused by the A53T alpha-synuclein mutation.

[Kotzbauer PT](#), [Giasson BI](#), [Kravitz AV](#), [Golbe LI](#), [Mark MH](#), [Trojanowski JQ](#), [Lee VM](#).

Center for Neurodegenerative Disease Research, Department of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine, Philadelphia, PA 19104, US
kotzbaue@mail.med.upenn.edu

Search by Citation

PubMed

[RSS](#) [Save search](#) [Advanced](#)

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

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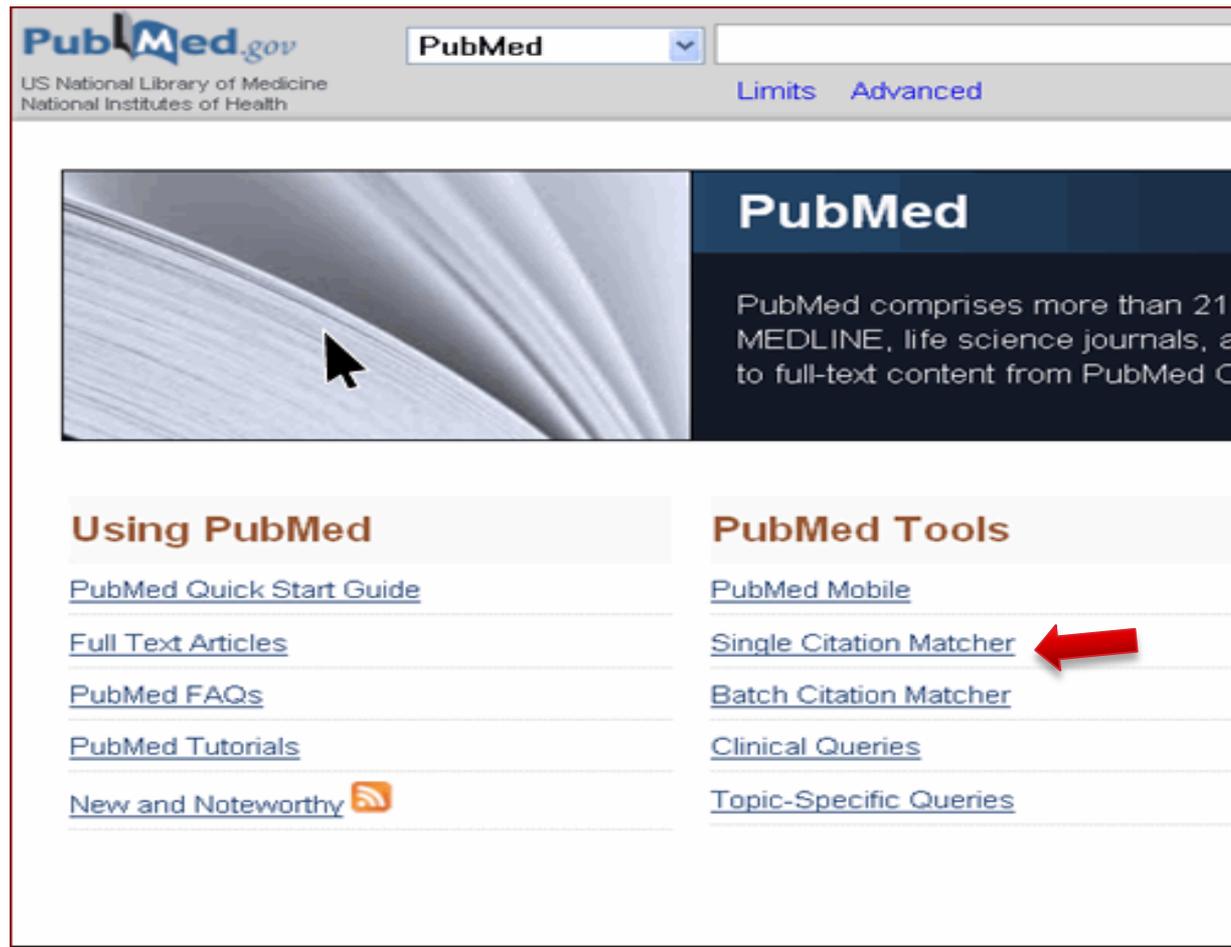
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- [Persistent Organic Pollutants and Type 2 Diabetes: A Prospective Analysis in the Nurses' Health Study and Meta-analysis.](#)
1. Wu H, Bertrand KA, **Choi** AL, Hu FB, Laden F, Grandjean P, Sun Q.
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Menopause. 2012 Sep 24. [Epub ahead of print]
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- [Advantages of robot-assisted laparoscopic radical prostatectomy in obese patients: comparison with the open procedure.](#)
3. Bae JJ, **Choi** SH, Kwon TG, Kim TH.
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4. Park JJ, Chae IH, Cho YS, Kim SW, Yang HM, Seo JB, Kim SY, Oh IY, Yoon CH, Suh JW, Park KW, Chung WY, Youn TJ, **Choi** DJ, Kim HS.
JACC Cardiovasc Interv. 2012 Aug;5(8):827-36. doi: 10.1016/j.jcin.2012.05.004.
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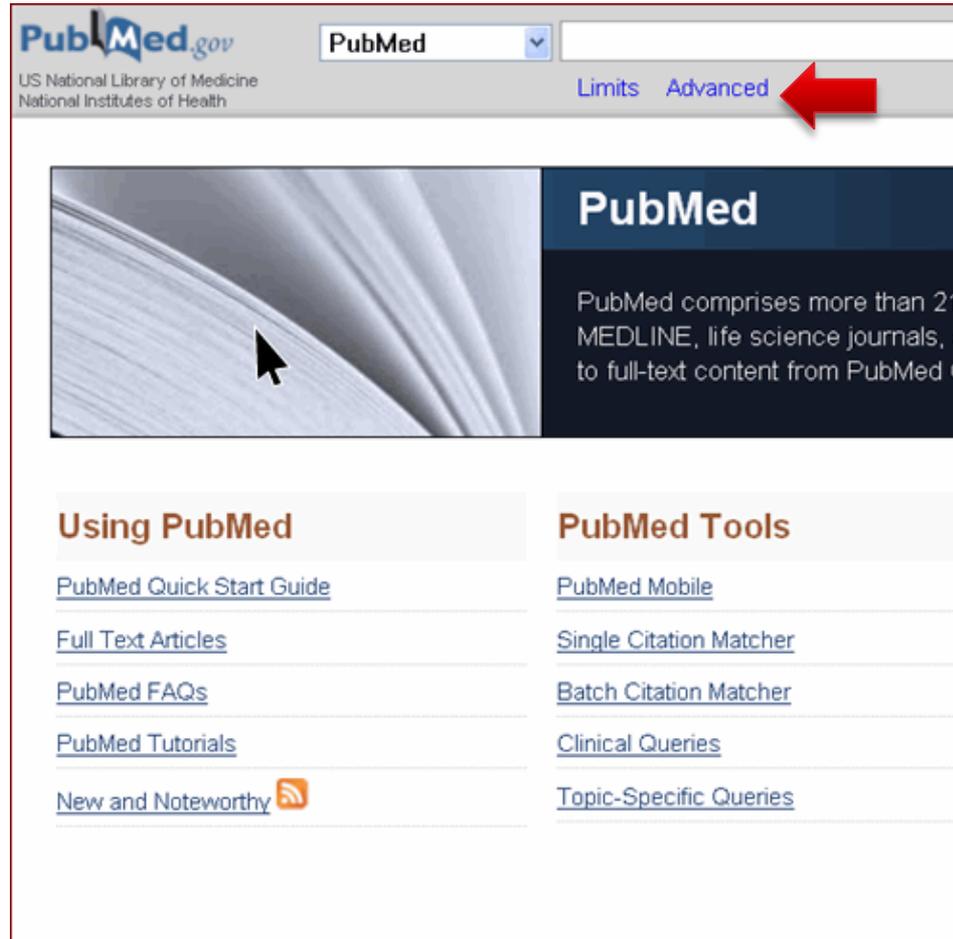
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 3. Yu SM, Park JH, Kim MD, Lee HR, Jung P, Ryu TH, Choi SH, Lee IS.
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 4. Kim GH, Kim KJ, Kim GA, Yang JE, Park HJ, Ye BD, Myung SJ, Yang SK.
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Department of Physical Medicine and Rehabilitation, College of Medicine, Kyung Hee University, Seoul 130-701, Korea.

Abstract

Thyroid carcinoma is the commonest endocrinological malignancy. After papillary thyroid carcinoma (PTC), follicular thyroid carcinoma (FTC) is the second most common histological subtype. Common presentations of FTC include a solitary thyroid nodule and cervical lymphadenopathy. The incidence of individuals diagnosed with thyroid cancer showing initially distant metastatic disease ranges from 1 to 9%. Also, the incidence of solitary bone metastasis from thyroid is only 2 to 3%. We report a case of a patient with FTC whose initial presentation was low back pain and right buttock pain due to vertebral metastasis rather than the usual neck lumps or symptoms of thyroid disease.

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