

Medical Pharmacology Question 1: How to use PubMed to find Review Articles and Comparative Studies

1. Go to the Library's home page (medlib.bu.edu) and access PubMed.

Boston University Medical Center
Alumni Medical Library

Other Search Options:
All BU Libraries [Go]

ABOUT US SERVICES MEDLINE LIBRARY CATALOGS E-RESOURCES SUBJECTS A-Z PORTALS

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- Medical Campus Study Rooms
- Library Computing Help Request
- Download Anti-Virus Software
- Computer Virus Removal Guide
- Open BU
- Wireless
- Mobile Website
- Blackboard
- Early Bird Accounts

Announcements

- NEW** Patriots Day Hours: Monday, April 20, 2015: Library, L-1101 Testing Center, L-1109 Public Computing and L-11 Computing Help Desk
- NEW** Library Fall/Spring Hours
- NEW** New L-1101 Testing Center Opens!
- NEW** Mobile Printing is LIVE!
- Request Form for Library Computing Help Desk now available
- BUSM Laptop Requirement: Specifications

[Need Help? Contact a Librarian](#)
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2. Search for 'galantamine'.

NCBI Resources How To

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

PubMed

galantamine

donepezil galantamine
galantamine
galantamine alzheimer
galantamine rivastigmine
galantamine donepezil
galantamine alzheimer's
galantamine memantine
rivastigmine galantamine
galantamine schizophrenia
donepezil galantamine rivastigmine
galantamine vascular
memantine galantamine
dementia galantamine
galantamine dementia
galantamine treatment
galantamine alzheimer's disease
galantamine autism
galantamine bpsd
galantamine combination
galantamine hydrobromide

Search

Help

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You are here: NCBI > Literature > PubMed

[Write to the Help Desk](#)

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3. Use the filters on the left side of the screen to refine the 1,702 results.

The screenshot shows the PubMed search results for 'galantamine'. The search bar contains 'galantamine' and the search button is visible. The results are sorted by 'Most Recent' and show 1 to 20 of 1702 results. The first four results are listed, each with a title, authors, journal information, and PMID. The left sidebar contains various filters, including 'Article types', 'Text availability', 'Publication dates', 'Species', 'Languages', and 'Journal categories'. The 'Filter your results' section on the right shows 'All (1702)' and 'Ahead of Print (8)'. A 'Results by year' bar chart is also visible.

4. Click 'Customize' under 'Article types' and select 'Comparative Study'. Click Show.

The screenshot shows the same PubMed search results for 'galantamine', but with the 'Comparative Study' filter selected under the 'Article types' section. The 'Filter your results' section on the right now shows 'All (1702)' and 'Comparative Effectiveness (397)'. The 'Results by year' bar chart is also visible.

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5. Click 'Comparative Study' to turn the filter on. This gives you 217 results.

The screenshot shows the PubMed search results for 'galantamine'. The search bar contains 'galantamine' and the search button is visible. The left sidebar shows the 'Article types' section with 'Comparative Study' selected. The main results area shows 'Results: 1 to 20 of 217'. The first four results are listed, each with a title, authors, journal information, and PMID. The right sidebar shows 'Filter your results: All (217)' and 'Manage Filters'.

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

PubMed galantamine Search

Article types clear Summary 20 per page Sort by Most Recent Send to: Filter your results:

Clinical Trial
Comparative Study
Review
Customize ...

Text availability
Abstract
Free full text
Full text

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

Languages
English
Customize ...

Journal categories
Core clinical journals
MEDLINE
Nursing journals

Clear all
Show additional filters

Results: 1 to 20 of 217

Filters activated: Comparative Study. Clear all to show 1702 items.

1. **FOXO1 locus and acetylcholinesterase inhibitors in elderly patients with Alzheimer's disease.**
Paroni G, Seripa D, Fontana A, D'Onofrio G, Gravina C, Urbano M, Cascavilla L, Pellegrini F, Greco A, Pilotto A.
Clin Interv Aging. 2014 Oct 21;9:1783-91. doi: 10.2147/CIA.S64758. eCollection 2014.
PMID: 25364236 Free PMC Article
Related citations

2. **Antidementia drug use among community-dwelling individuals with Alzheimer's disease in Finland: a nationwide register-based study.**
Taipale H, Tanskanen A, Koponen M, Tolppanen AM, Tiihonen J, Hartikainen S.
Int Clin Psychopharmacol. 2014 Jul;29(4):216-23. doi: 10.1097/YIC.000000000000032.
PMID: 24608822 Free PMC Article
Related citations

3. **[Study of the effectiveness of drugs in experimental models of poisoning neuropathy in malathion].**
Shilov VV, Judin MA, Nikonova SM, Shherbakov TV, Zibarev EV, Lashina EL.
Med Tr Prom Ekol. 2013;(8):13-8. Russian.
PMID: 24340754
Related citations

4. **Synthesis of imperatorin analogs and their evaluation as acetylcholinesterase and butyrylcholinesterase inhibitors.**
Granica S, Kiss AK, Jarończyk M, Maurin JK, Mazurek AP, Czarnocki Z.
Arch Pharm (Weinheim). 2013 Nov;346(11):775-82. doi: 10.1002/ardp.201300259. Epub 2013 Oct 14.

Filter your results:
All (217)
Ahead of Print (0)
Comparative Effectiveness (91)
Manage Filters

Default output of portlet
NCBIPageSection

New feature
Try the new Display Settings option - Sort by Relevance

Related searches
galantamine alzheimer
galantamine alzheimer's
galantamine donepezil
galantamine memantine
rivastigmine galantamine

Titles with your search terms
Efficacy and safety of donepezil, galantamine, riv [J Alzheimers Dis. 2014]
The effectiveness and cost-effectiveness of donepe. [Health Technol Assess. 2012]

6. Click 'Review' to turn this filter on. The results increase to 527, which means PubMed is searching for either reviews OR comparative studies. Click "Clear All" to turn off the filters.

The screenshot shows the PubMed search results for 'galantamine' with the 'Review' filter selected. The search bar contains 'galantamine' and the search button is visible. The left sidebar shows the 'Article types' section with 'Review' selected. The main results area shows 'Results: 1 to 20 of 527'. The first four results are listed, each with a title, authors, journal information, and PMID. The right sidebar shows 'Filter your results: All (527)' and 'Manage Filters'.

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

PubMed galantamine Search

Article types clear Summary 20 per page Sort by Most Recent Send to: Filter your results:

Clinical Trial
Comparative Study
Review
Customize ...

Text availability
Abstract
Free full text
Full text

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

Languages
English
Customize ...

Journal categories
Core clinical journals
MEDLINE
Nursing journals

Clear all
Show additional filters

Results: 1 to 20 of 527

Filters activated: Comparative Study, Review. Clear all to show 1702 items.

1. **A practical algorithm for managing Alzheimer's disease: what, when, and why?**
Cummings JL, Isaacson RS, Schmitt FA, Veltling DM.
Ann Clin Transl Neurol. 2015 Mar;2(3):307-23. doi: 10.1002/acn3.166. Epub 2015 Jan 23. Review.
PMID: 25815358 Free PMC Article
Related citations

2. **A review on Alzheimer's disease pathophysiology and its management: an update.**
Kumar A, Singh A, Ekavali.
Pharmacol Rep. 2015 Apr;67(2):195-203. doi: 10.1016/j.pharep.2014.09.004. Epub 2014 Sep 22.
Review.
PMID: 25712639
Related citations

3. **FOXO1 locus and acetylcholinesterase inhibitors in elderly patients with Alzheimer's disease.**
Paroni G, Seripa D, Fontana A, D'Onofrio G, Gravina C, Urbano M, Cascavilla L, Pellegrini F, Greco A, Pilotto A.
Clin Interv Aging. 2014 Oct 21;9:1783-91. doi: 10.2147/CIA.S64758. eCollection 2014.
PMID: 25364236 Free PMC Article
Related citations

4. **[Pathogenetic mechanisms of dementia in the older patients with Parkinson's diseases].**
Chukhlova ML.
Zh Nevrol Psikhiatr Im S S Korsakova. 2014;114(7):79-82. Review. Russian.
PMID: 25202768

Filter your results:
All (527)
Ahead of Print (0)
Comparative Effectiveness (198)
Manage Filters

Default output of portlet
NCBIPageSection

New feature
Try the new Display Settings option - Sort by Relevance

Related searches
galantamine alzheimer
galantamine alzheimer's
galantamine donepezil
galantamine memantine
rivastigmine galantamine

Titles with your search terms
The effectiveness and cost-effectiveness of donepe. [Health Technol Assess. 2012]
A meta-analysis of the efficacy of donepezil, rivast [J Alzheimers Dis. 2013]

Medical Pharmacology Question 1: How to use PubMed to find Review Articles and Comparative Studies

7. Use the MeSH database to gain more control over your search. Select MeSH from the dropdown menu next to the search bar and search for 'Comparative Study'.

The screenshot shows the PubMed website interface. At the top, there's a search bar with 'galantamine' entered. A dropdown menu is open, showing 'PubMed' selected and 'MeSH' highlighted. Below the search bar, there are options for 'Save search', 'Advanced', and 'Help'. The main content area shows search results for 'galantamine', with a total of 527 items. There are filters for 'Comparative Effectiveness' (198) and 'Review'. The results list includes articles like 'Comparative Study, Review' and 'Management for managing Alzheimer's disease: what, when, and why?'. The 'MeSH' dropdown menu is open, showing various databases and MeSH terms, with 'MeSH' selected.

8. Select "Comparative Study [Publication Type]" and click "Add to Search Builder". Type "Review" in the search bar.

The screenshot shows the MeSH database search results. The search bar contains 'comparative study'. The results list shows 5 results, with 'Comparative Study [Publication Type]' selected. The 'Add to search builder' button is highlighted. The search builder shows the query: ""comparative study" [Publication Type] OR "comparative study" [All Fields]". The results list includes definitions for 'Comparative Study', 'Sociobiology', 'Synteny', 'Anthropology', and 'Anatomy, Comparative'. The 'Add to search builder' button is highlighted with a red circle.

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9. Type "Review" in the search bar. Select "Review [Publication Type]" and click "Add to Search Builder". Click "Search PubMed".

MeSH search results for 'review'. The search bar contains 'review'. The 'PubMed Search Builder' on the right shows the query: ("Comparative Study" [Publication Type]) AND "Review" [Publication Type]. The 'Add to search builder' button is circled in red. The main content area shows a list of MeSH terms, with 'Review [Publication Type]' selected and highlighted in a red box. Other terms include 'Review Literature as Topic' and 'Drug Utilization Review'.

10. This search shows all the articles in PubMed that are both Comparative Studies and Reviews. We want to add Galantamine to this search, so click on 'Advanced Search'.

PubMed search results for the query: ("Comparative Study" [Publication Type]) AND "Review" [Publication Type]. The 'Advanced' button is circled in red. The results show 57490 items. The first article is "Surgery vs. observation for liver hemangioma: a systematic review and meta-analysis" by Tuxun T, Apaer S, Zhou CM, Zhang JH, Zhao JM, Tai QW, Cao J, Li T, Kevin V, Wen H. The second article is "Mitral regurgitation: update 2015" by Rammos C, Lichtenberg A, Rassaf T. The third article is "Fluid resuscitation--less is more?" by Pfeifer M. The fourth article is "MTA and ferric sulfate in pulpotomy outcomes of primary molars: a systematic review and meta-analysis" by Asgary S, Shirvani A, Fazlyab M.

Medical Pharmacology Question 1: How to use PubMed to find Review Articles and Comparative Studies

11. Add the search for 'galantamine' and the most recent search for comparative study and review and click Search.

PubMed Home More Resources Help

PubMed Advanced Search Builder [YouTube Tutorial](#)

(galantamine) AND (("Comparative Study" [Publication Type]) AND "Review" [Publication Type])

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

Builder

All Fields galantamine [Show index list](#)

AND All Fields ("Comparative Study" [Publication Type]) AND "Review" [Pub [Show index list](#)

AND All Fields [Show index list](#)

Search or [Add to history](#)

History [Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#17	Add	Search ("Comparative Study" [Publication Type]) AND "Review" [Publication Type]	57490	11:10:10
#14	Add	Search galantamine	1702	11:09:34
#16	Add	Search galantamine Filters: Comparative Study; Review	527	11:09:31
#15	Add	Search galantamine Filters: Comparative Study	217	11:09:29

12. This brings back 19 results that both a comparative study and a review in addition to being about or related to galantamine.

PubMed (galantamine) AND (("Comparative Study" [Publication Type]) AND "Review" [P Search

US National Library of Medicine National Institutes of Health RSS Save search Advanced Help

Article types Summary 20 per page Sort by Most Recent Send to: Filter your results:

Clinical Trial
Comparative Study
Review
Customize ...

Text availability
Abstract
Free full text
Full text

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

Languages
English
Customize ...

Journal categories
Core clinical journals
MEDLINE

[Clear all](#)
[Show additional filters](#)

Results: 19

[Daily functioning in dementia: pharmacological and non-pharmacological interventions demonstrate small effects on heterogeneous scales.](#)
1. Voigt-Radloff S, Hüll M.
Psychiatr Prax. 2011 Jul;38(5):221-31. doi: 10.1055/s-0030-1266016. Epub 2011 Mar 21. **Review.**
German.
PMID: 21425035
[Related citations](#)

[Are cholinesterase inhibitors effective in the management of the behavioral and psychological symptoms of dementia in Alzheimer's disease? A systematic review of randomized, placebo-controlled trials of donepezil, rivastigmine and galantamine.](#)
2. Rodda J, Morgan S, Walker Z.
Int Psychogeriatr. 2009 Oct;21(5):813-24. doi: 10.1017/S1041610209990354. Epub 2009 Jun 19.
Review.
PMID: 19538824
[Related citations](#)

[Efficacy and safety of donepezil, galantamine, and rivastigmine for the treatment of Alzheimer's disease: a systematic review and meta-analysis.](#)
3. Hansen RA, Gartlehner G, Webb AP, Morgan LC, Moore CG, Jonas DE.
Clin Interv Aging. 2008;3(2):211-25. **Review.**
PMID: 18686744 **Free PMC Article**
[Related citations](#)

[Therapy of cognitive deficits in schizophrenia with acetylcholinesterase inhibitors. A systematic overview.](#)
4. Voss B, Thienel R, Leucht S, Kircher T.

Filter your results:
All (19)
Ahead of Print (0)
[Comparative Effectiveness \(15\)](#)
[Manage Filters](#)

New feature
Try the new Display Settings option - **Sort by Relevance**

Find related data
Database: Select
[Find items](#)

Search details
{"galantamine"[MeSH Terms] OR "galantamine"[All Fields]} AND ("Comparative Study"[Publication Type] AND "Review"[Publication Type])
[Search](#) [See more...](#)

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

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15. Add “AND viread” into the search bar and click Search. This brings you back 484 results.

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

Search: "Anti-HIV Agents"[Mesh] AND viread

Results: 1 to 20 of 484

1. [Changes in glomerular kidney function among HIV-1-uninfected men and women receiving emtricitabine-tenofovir disoproxil fumarate preexposure prophylaxis: a randomized clinical trial.](#)
Mugwanya KK, Wyatt C, Celum C, Donnell D, Mugo NR, Tappero J, Kiarie J, Ronald A, Baeten JM; Partners PrEP Study Team.
JAMA Intern Med. 2015 Feb;175(2):246-54. doi: 10.1001/jamainternmed.2014.6786.
PMID: 25531343
[Related citations](#)

2. [Preexposure prophylaxis: a path forward.](#)
Katz MH.
JAMA Intern Med. 2015 Feb;175(2):255-6. doi: 10.1001/jamainternmed.2014.6798. No abstract available.
PMID: 25531165
[Related citations](#) 1 comment

3. [Renal and metabolic toxicities following initiation of HIV-1 treatment regimen in a diverse, multinational setting: a focused safety analysis of ACTG PEARLS \(A5175\).](#)
Touzard Romo F, Smeaton LM, Campbell TB, Riviere C, Mngqibisa R, Nyirenda M, Supparatpinyo K, Kumarasamy N, Hakim JG, Flanigan TP.
HIV Clin Trials. 2014 Nov-Dec;15(6):246-60. doi: 10.1310/hct1506-246.
PMID: 25433664 **Free PMC Article**
[Related citations](#)

4. [Tenofovir disoproxil fumarate intravaginal ring protects high-dose depot medroxyprogesterone acetate-treated macaques from multiple SHIV exposures.](#)
Smith JM, Srinivasan P, Teller RS, Lo Y, Dinh CT, Kiser PF, Herold BC.

Filter your results:
All (484)
Ahead of Print (0)
[Comparative Effectiveness \(179\)](#)
[Manage Filters](#)

New feature
Try the new Display Settings option - **Sort by Relevance**

115 free full-text articles in PubMed Central
Renal and metabolic toxicities following initiation of HIV-1 tr [HIV Clin Trials. 2014]
FEM-PrEP: adherence patterns and factor: [J Acquir Immune Defic Syndr. 2...]
A chronic kidney disease risk score to determine tenofovir safety ir [AIDS. 2014]
[See all \(115\)...](#)

Find related data
Database: Select
[Find items](#)

16. Go back into advanced search to add this search for “Anti-HIV Agents”[Mesh] AND viread to the previous search for the Comparative Study and Review publication types. Click search.

PubMed Home More Resources Help

PubMed Advanced Search Builder [YouTube Tutorial](#)

((("Anti-HIV Agents"[Mesh] AND viread)) AND (("Comparative Study" [Publication Type]) AND "Review" [Publication Type]))

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

Builder

All Fields "Anti-HIV Agents"[Mesh] AND viread [Show index list](#)

AND All Fields ("Comparative Study" [Publication Type]) AND "Review" [Pub] [Show index list](#)

AND All Fields [Show index list](#)

Search or [Add to history](#)

History [Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#21	Add	Search "Anti-HIV Agents"[Mesh] AND viread	484	11:11:10
#20	Add	Search "Anti-HIV Agents"[Mesh]	41990	11:11:06
#19	Add	Search viread	1044	11:10:52
#18	Add	Search (galantamine) AND (("Comparative Study" [Publication Type]) AND "Review" [Publication Type])	19	11:10:45
#17	Add	Search ("Comparative Study" [Publication Type]) AND "Review" [Publication Type]	57490	11:10:10
#14	Add	Search galantamine	1702	11:09:34

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17. This gives you a total 4 results.

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

PubMed [Search] ("Anti-HIV Agents"[Mesh] AND viread) AND ("Comparative Study" [Publicatio] [Search])

RSS Save search Advanced Help

Article types: Comparative Study, Review, Customize ...

Text availability: Abstract, Full text

Publication dates: 5 years, 10 years, Custom range...

Species: Humans

Languages: English, Customize ...

Journal categories: MEDLINE

Clear all Show additional filters

Summary Sort by Most Recent Send to: Filter your results:

Results: 4

1. [Elvitegravir/cobicistat/emtricitabine/tenofovir disoproxil fumarate single tablet for HIV-1 infection treatment.](#)
Olin JL, Spooner LM, Klibanov OM.
Ann Pharmacother. 2012 Dec;46(12):1671-7. doi: 10.1345/aph.1R468. Epub 2012 Nov 7. **Review.**
PMID: 23136357
[Related citations](#)

2. [Combinational therapies for HIV: a focus on EVG/COBI/FTC/TDF.](#)
Schrijvers R, Debysen Z.
Expert Opin Pharmacother. 2012 Sep;13(13):1969-83. doi: 10.1517/14656566.2012.712514. Epub 2012 Jul 31. **Review.**
PMID: 22849516
[Related citations](#)

3. [\[Clinical data I. Clinical experience with tenofovir in combination with nonnucleoside analogue transcriptase inhibitors\].](#)
Bernardino de la Serna JI, Mora Rillo M, Arribas López JR.
Enferm Infecc Microbiol Clin. 2008 Jun;26 Suppl 8:7-12. **Review.** Spanish.
PMID: 19195432
[Related citations](#)

4. [Efavirenz/emtricitabine/tenofovir disoproxil fumarate fixed-dose combination: first-line therapy for all?](#)
Goicoechea M, Best B.
Expert Opin Pharmacother. 2007 Feb;8(3):371-82. **Review.**
PMID: 17266471
[Related citations](#)

Filter your results:
All (4)
Ahead of Print (0)
[Comparative Effectiveness \(2\)](#)
[Manage Filters](#)

New feature
Try the new Display Settings option - **Sort by Relevance**

Find related data
Database: Select
[Find items](#)

Search details
{"Anti-HIV Agents"[Mesh] AND ("tenofovir disoproxil" [Supplementary Concept] OR "tenofovir disoproxil"[All Fields] OR "viread"[All Fields])}

Search See more...

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