



Pubmed Database

【Coverage】

PubMed is a free resource developed and maintained by the National Center for Biotechnology Information (NCBI), a division of the U.S. National Library of Medicine (NLM), at the National Institutes of Health (NIH). PubMed comprises over 23 million citations and abstracts for biomedical literature indexed in NLM's MEDLINE database, as well as from other life science journals and online books. PubMed provide partial free fulltext or pay-for-use, and it also provides access to additional relevant web sites and links to the other NCBI molecular biology resources.

PubMed provides access to bibliographic information that includes :

- MEDLINE 1965-
- OLDMEDLINE (1950 through 1965)
- Some additional journals articles that related to life science, medical, chemistry in other discipline.
- The articles that not indexed with NLM Medical Subject Headings (MeSH), but MEDLINE will comprise.
- The fulltext verified by NLM and reserved by PubMed Central.

【How to Connect】

Here is the URL of PubMed: <http://goo.gl/jTUu1s>

Otherwise, You can login and search "PubMed" in our Electronic Resources Management System (<http://diglib.tmu.edu.tw>).

【What is MeSH?】

MeSH is:

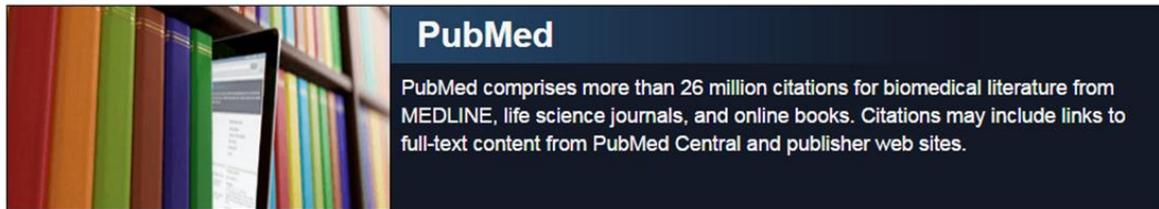
- an acronym for Medical Subject Headings.
- the U.S. National Library of Medicine's controlled vocabulary (thesaurus).
- a vocabulary that gives uniformity and consistency to the indexing and cataloging of biomedical literature.
- a distinctive feature of MEDLINE.
- arranged in a hierarchical manner called the MeSH Tree Structures.
- updated annually.

Reference: Introduction: What is MeSH? <https://goo.gl/Zmj59>



【How to Search】

- (1) Enter your concepts in phrases into the search box, then click 

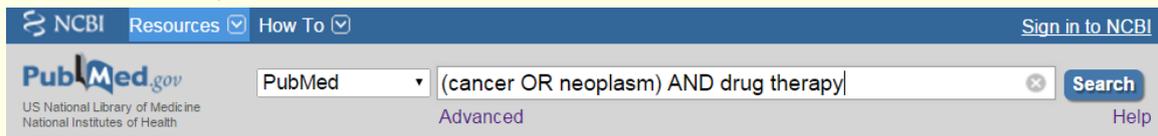


Using PubMed	PubMed Tools	More Resources
PubMed Quick Start Guide	PubMed Mobile	MeSH Database B
Full Text Articles	Single Citation Matcher	Journals in NCBI Databases
PubMed FAQs	Batch Citation Matcher	Clinical Trials
PubMed Tutorials	Clinical Queries	E-Utilities (API)
New and Noteworthy	Topic-Specific Queries	LinkOut

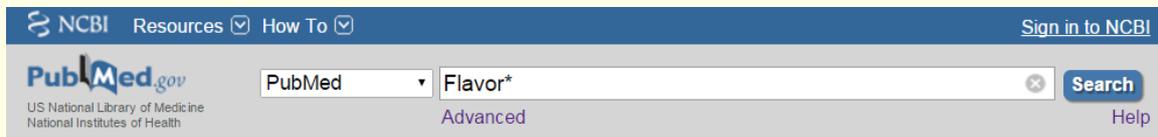
- A. Search box: you can search by subject heading, article title, author, journal name, PMID, etc.
- B. PubMed services and other resources

Search Skill:

- (a) Combine search terms in PubMed by Boolean operators **AND, OR, NOT** (uppercase letters).



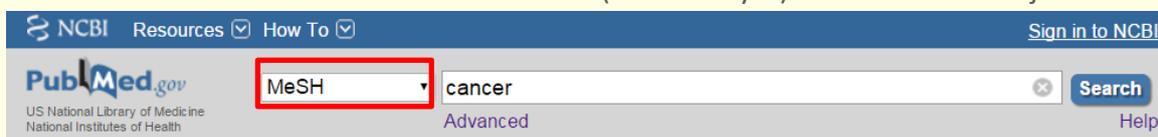
- (b) Use **truncation symbol "*"** to expand search result.



- (c) Search by **MeSH Term** to find out the articles that use different terms but have the same concept.

※ MeSH is the acronym for "Medical Subject Headings"

※ Searching with MeSH subject terms excludes in process and publisher-supplied citations and others that do not (or do not yet) include MeSH subject terms





(2) Search Results

The screenshot shows the PubMed search results page for the query "stroke prevention". The search was performed in the PubMed database. The results are displayed in a list format, sorted by "Most Recent". The first five results are visible, each with a title, authors, journal information, and PMID. Annotations C through G highlight specific features: C points to the database dropdown menu, D to the filters sidebar, E to the format and sort options, F to the search details box, and G to the items per page dropdown.

- C. Select other NCBI databases, ex. MESH.
- D. Filters: add search terms to narrow your results.
- E. Result Displays: (1) Format: Summary Abstract ▾ Medline...
(2) Sort by: Author, Journal, Publish date...
- F. You can refer how Pubmed transfer keyword.
- G. Items per page.



(3) How to Get the Full text

PubMed **does not** include copies of journal articles. However, PubMed does offer links to the full text of journal articles when links are available.

If you are not in the campus, remember to set-up the off-campus access first, or you will be require payment.

The screenshot shows a PubMed search result for the article "The Danish Vascular Registry, Karbase". The article is from *Clin Epidemiol*, 2016, Oct 25;8:713-718. The abstract describes the Danish Vascular Registry (DVR) and its purpose. The page includes a "Full text links" section with a "PMC Full text" button, a "Save items" section with an "Add to Favorites" button, and a "LinkOut - more resources" button at the bottom left.

- H. Full textlinks: when you click on the icons or links in the LinkOut display in PubMed, you leave PubMed and are directed to the full text at an external site.
- I. LinkOut - more resources: expand this part to see the full list of Web-accessible online resources for an item.

If the journal is not available at TMU electronically or in print, we still offer other services help you get the full-text as below:

(a) **Rapid ILL:**

For journal article ONLY. Log-in by your school email account. This service is free and most articles will arrive within 1-2 days

http://203.71.86.85:8080/rapid_frontend/

(b) **NDDS:**

Need to create a personal account first. The document you request will arrive within 3-7 days, and you have to pay the service fee & pick it up at our circulation desk on the 2nd floor.

<https://goo.gl/hBzJlQ>



【How to Export to EndNote】

- 1 Mark-up the bibliographies that you want to export to EndNote.
- 2 Click “Send to” to drop down the menu.
- 3 Choose “Citation Manager”.
- 4 Then click .

※ If the bibliographies are not export to your EndNote file automatically, you can open the file that downloaded from Pubmed manually. Then you can see the bibliographies are exported to the EndNote file.

The screenshot shows the PubMed website interface. At the top, there's a navigation bar with 'NCBI Resources' and 'How To'. Below that, the 'PubMed.gov' logo and search bar are visible. The search bar contains 'plos' and a 'Search' button. The main content area shows search results for 'plos', with 'Items: 1 to 20 of 168506' and 'Selected: 4'. Two search results are listed, each with a checkbox checked. A 'Send to' dropdown menu is open, showing options like 'File', 'Clipboard', 'E-mail', 'My Bibliography', and 'Citation manager'. The 'Citation manager' option is selected. Below the dropdown, there's a 'Create File' button. Red circles and boxes highlight the steps: 1. Checkboxes next to search results, 2. 'Send to' dropdown, 3. 'Citation manager' option, and 4. 'Create File' button.