



Step-by-Step Searching in PubMed

This help sheet will walk you through a sample search in the database **PubMed**.

For more detailed information on the **PubMed** database, please consult the **PubMed** help sheet or contact Mulford Reference Assistance at MulfordReference@utoledo.edu or 419-383-4218.

Our topic:

We are looking for research articles in English on treating hypertension in older people who also have diabetes.

1. **To take full advantage of the features in PubMed, do NOT access the Libraries' web pages through MyUT;** go directly to the Libraries' web page (<http://www.utoledo.edu/library/>)
Enter *Pubmed* in the **Search Box** and search by **Title**.
Click on **PubMed (Web Resource)** and select [Connect to online resource at PubMed: 1950 to present](#)
2. Click on **MeSH Database**, underneath the heading **More Resources**
3. Type in *hypertension* and click **Search**
4. Click on the first blue hypertension link
5. Below the definition of hypertension is a listing of subheadings. Select *diet therapy, drug therapy, and therapy*
6. For our search, select **Restrict Search to Major topic headings only** (this will limit our search to citations with Hypertension as one of the main subjects). Do not select **Do Not Explode** this term (this will allow the database to search for our term plus the narrower ways to describe our term)
7. From the **Send to** drop down menu at the top of the screen, select **Search Box with AND** (this will send our subject heading to the Search Box)
8. After selecting **Search Box with AND**, the Search Box will appear with our subject heading and subheadings in it. Now, click on the **Search PubMed** button
9. On the result page, click on **Advanced Search** (above the **Search Box**)
10. Now we need to add the second concept to our search. Change option in the Search box from **PubMed** to **MeSH**. Enter *Diabetes Mellitus* and click **Search**
11. Click on the first blue **Diabetes Mellitus** link
12. Click in the box next to Diabetes Mellitus (do not choose any subheadings or Restrict Search to Major Topic headings only and do not select Do Not Explode this term)
13. From the **Send to** drop down menu at the top of the screen, select **Search Box with AND**
Click on the **Search PubMed** button

14. Now we need to combine our two searches. Click on **Advanced Search** (above the **Search Box**)
Clear the contents of the **Search Box**
15. Left click on the search number to the left of your first search
16. In the display options menu click on **AND:** in the **Search Box** at the top of the screen there will be a number sign followed by your search number (i.e. #3)
17. Now, Left click on the search number to the left of your second search
18. In the display options menu click on **AND:** in the **Search Box** at the top of the screen there will be a number sign followed by your search number (i.e. #3)
19. Click on **Search**
20. To narrow our search down to a specific age group and language, scroll down to **Limit by Topics, Languages, and Journal Groups**
21. In the **Ages** menu box, select **Aged: 65+ years** and **80 and over: 80+years**
22. Under **Language** select any desired language
23. Click on **Search** (under the Ages menu box)