# How PubMed Works: Medical Subject Headings Handout

1. The National Library of Medicine’s Medical Subject Headings (MeSH) is a special type of vocabulary that represent terms in the biomedical literature. What is the name of this type of vocabulary?  
   **Answer**:
2. How are MeSH terms organized within the MeSH database?  
   **Answer**:
3. How often are MeSH terms revised?  
   **Answer**:
4. What is the name given to the term that is synonymous or close in scope to the preferred MeSH term?  
   **Answer**:
5. When searching with a broad MeSH term, all the narrower more specific terms below will automatically be included in your search. What is the name of this feature?  
   **Answer**:
6. Will your PubMed search details show all the narrower terms included in your search? Yes or No.  
   **Answer**:
7. Which two places must you check to find all terms that will be included in your PubMed search?  
   **Answer**:
8. Exercise #1: When you run a search in PubMed using the MeSH term Fear, what other MeSH terms will automatically be included in your search?  
   **Answer**:
9. What are the four types of MeSH terms?  
   **Answer**:
10. What is the purpose of applying a subheading to a MeSH heading during the indexing process?  
    **Answer**:
11. Do Subheadings explode? Yes or No.  
    **Answer**:
12. When building your search in MeSH, which Boolean operator will be applied if you choose more than one subheading at a time?  
    **Answer**:
13. When viewing the MeSH terms on a PubMed record, the major points of an article are marked by what symbol?  
    **Answer**:
14. “Publication Types” in MeSH can describe what three categories of information related to the article or to the research?  
    **Answer**:
15. Are Supplementary Concepts part of the MeSH hierarchy? Yes or No.  
    **Answer**:
16. Exercise #2: True or False? Searching with the subheading therapy will include results indexed with the subheading surgery?  
    **Answer**:
17. Exercise #3: Go to MeSH and look up hand washing. How far back can you search for this concept using this MeSH term?  
    **Answer**:

## **Additional Resources**

[The PubMed Trainer's Toolkit](https://learn.nlm.nih.gov/documentation/training-packets/T0022014P/): Includes slides and materials to repurpose for training end-users.

[Medical Subject Heading (MeSH) Changes and PubMed Searching On-Demand](https://www.nnlm.gov/training/class/medical-subject-heading-mesh-changes-and-pubmed-searching-demand-0)

[Register for How PubMed Works: Automatic Term Mapping (ATM) on November 19, 2025](https://www.nnlm.gov/training/class/how-pubmed-works-automatic-term-mapping-atm-0)

[Journal Selection for MEDLINE](https://www.nlm.nih.gov/medline/medline_journal_selection.html)

## **PubMed Tips:**

**Retrieves all citations added on a specific date**

2025/03/06[crdt]

**Retrieves all citations added during a date range**

2025/03/01:2025/03/06[crdt]

**To include a specific term/topic of interest, use the string below then AND your search term:**

2025/03/06[crdt] or for a range, 2025/03/01:2025/03/06[crdt] AND *your term goes here*