

Session – Medical Subject Headings (MeSH) Worksheet

1. For this question, match each term with its definition.

Terms: a) PubMed b) MeSH c) Medline

Definition:

___ A database of terminology

___ A database of article records (citations)

___ An interface to a collection of Health Sciences & Biotechnology databases

2. Under what section of the NML Home Page can you locate a link to the MeSH database?

- a. eBooks
- b. Databases
- c. eJournals
- d. NML Links
- e. NML & LRC Learning

3. The term “MeSH” is short for what three-word phrase?

4. Using the link on the NML Web Site to access PubMed tutorials, how many “Quick Tours” animated tutorials under the heading “PubMed’s MeSH Database” are available for viewing? _____

5. Locate and click on the link titled “Understanding the Vocabulary” on the PubMed tutorials web site. Read the paragraph under the heading “Understanding the Vocabulary” and then complete the following sentence:

Familiarity with this vocabulary will make you _____

6. According to “**Searching PubMed with MeSH,**” **the** (tri-fold handout in PDF, February 2011), from PubMed, what option do you use “to limit a search to citations where the heading is the major focus of the article”?
7. What is the MeSH term for “nose bleeds”? _____
8. What is the last word in the scope note (definition) for the MeSH term “Tracheomalacia”? _____

9. In what year was the MeSH term “sepsis” introduced? _____
10. Using the MeSH database, how many MeSH subject headings are retrieved when you search on the term “eye infection?” _____
11. How many “entry terms” are there listed in the record for the MeSH term “Eye Infections, Parasitic”? _____
12. Which of the following terms is NOT a narrower term of the parent term “Eye infections, Parasitic”?
- a. Acanthamoeba Keratitis
 - b. Trachoma
 - c. Onchocerciasis, Ocular
 - d. Toxoplasmosis, Ocular
13. How many results do you get restricting your search on the MeSH term “Eye Infections, Parasitic” to the subheading “mortality”? _____
14. How many results do you get restricting your search on the MeSH term “Eye Infections, Parasitic” to both the subheadings “microbiology” **and** “pathology?” _____

15. For this question, complete the following steps:

Search Step 1: Search on the MeSH term “Eye Infections, Parasitic” restricted to the subheading “transmission.”

Search Step 2: Then without deleting the search query of the “Eye Infections, Parasitic” from the “PubMed search builder” box, search on the entry term “tissue donor” from within the MeSH interface.

What is the title of the article shown in the search results of the combined Search Steps 1 and 2?

16. Without applying any limits or subheadings, how many records do you retrieve searching the MeSH database on the MeSH term “dermoid cyst”? _____
17. Do another MeSH search on the term “dermoid cyst”, this time choosing the “Restrict to “MeSH Major Topic” option. How many records are retrieved? _____

18. Complete the following steps for this question:

- a. Do a MeSH search on the term "pharyngitis"
- b. After the results screen loads, limit the publication dates of the results by specifying the date range as 2000-01-01 to 2008-12-31.

How many records are retrieved? _____

19. Go to page 22 of the results of your search on the term "pharyngitis. Who is the first listed author in the record for result #427: _____

20. Do a MeSH search on the term "rabies." Then limit the results to the species "human" and the type of article to "Case Reports." How many results do you get?

21. Complete the following steps for this exercise:

- 1) Do a MeSH search on the term "Sinusitis."
- 2) From the "Advanced" interface, combine the search results from your search on the term "Sinusitis" with the results of your search on the term "Pharyngitis" after you applied the year limits.

How many results do you get? _____

22. Viewing the record of result #1 on your combined search on the pharyngitis and sinusitis, what is the volume number of the journal in which the article is published?

23. The name of the journal is abbreviated in result #1 of your combined search results on the terms "pharyngitis" and "sinusitis". Open up the Medline record of the article and locate the full name of the journal. Paste the full name of the journal below.
