MeSH Database Self-Test Exercises
February 2008

Use the MeSH Database to find the answers to these questions:

1. What terms are indented under Fever?

2. How far back can you search with the MeSH term, “Recombinant DNA?”

3. What ages are included by the term, “Child, Preschool?”

4. What is the preferred MeSH term for “drooling?”

5. What disease is associated with a deficiency of factor VIII?

6. Create a search strategy that will help you learn more about the impact of cinnamon on Type 2 Diabetes.
Suggested Answers - MeSH Database Practice Exercises

Use the MeSH Database to find the answers to these questions:

1. What terms are indented under Fever?
   - Fever of Unknown Origin
   - Sweating Sickness

2. How far back can you search with the MeSH term, “Recombinant DNA?”
   - 1977

3. What ages are included by the term, “Child, Preschool?”
   - A child between the ages of 2 and 5.

4. What is the preferred MeSH term for “drooling?”
   - Sialorrhea

5. What disease is associated with a deficiency of factor VIII?
   - Hemophilia A

6. Create a search strategy from MeSH terms that will help you learn more about the impact of cinnamon on Type 2 Diabetes.
   - "Cinnamomum zeylanicum"[Mesh] AND "Diabetes Mellitus, Type 2"[Mesh]
Advanced PubMed Practice Exercises
Use search field tags when doing these exercises. Remember you can use the History feature to obtain search numbers to combine searches.

1. Find references to articles discussing decision-making by nurse practitioners. The phrase decision-making should be in the title.

2. Find references to articles about Winston Churchill.

3. Find references to articles indexed with the MeSH headings for video display terminals and carpal tunnel syndrome. Use the Related Articles feature to find similar articles. Combine the list of Related Articles with the publication type, Case Reports. (Hint: Use History.)

4. Using the MeSH database, find citations to articles about the prevention of chickenpox or measles during pregnancy. Combine these results to retrieve English language articles that have abstracts on the PubMed citation.
Suggested Answers

1. Find references to articles discussing decision-making by nurse practitioners. The phrase decision-making should be in the title.

2. Find references to articles about Winston Churchill.

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Alternatively, the publication type, Case Reports could be selected from the Limits screen.
4. Using the MeSH database, find citations to articles about the prevention of chickenpox or measles during pregnancy. Combine these results to retrieve English language articles that have abstracts on the PubMed citation.

Full display for the MeSH term Chickenpox with the subheading prevention & control selected: Select “Search Box with AND” from the Send to menu to begin to build your strategy.

Next, search measles in the MeSH database and review the Full display. Select the prevention & control subheading:
Select Search Box with OR from the Send to menu.
Next, enter pregnancy. No need to look at the Full display, check the term and select **Search Box with AND** from the Send to menu to AND this term into your strategy.

Select “**Search Box with AND**” from the Send to menu.

Click in the checkbox to select the term.

Next, click on the **Search PubMed** button to run the strategy in PubMed.

From the Results screen, click on **Limits**, check the box next to Abstracts, and select English from the **Languages** pull-down menu. Click the **Go** button.

Alternatively, click on the **PubMed Search** button from the MeSH Browser screen to run the strategy in PubMed. From the Details screen, add - AND eng [la] AND hasabstract. Click the **Search** button.