Learning Objectives

After this class you will be able to:

- Access Medline from on and off campus
- Identify the parts of the OvidSP screen and interface
- Search for references using the Advanced search feature
- Explode results
- Use subheadings
- Display search history
- Search with keyword
- Use truncation and wild cards
- Combine your search results
- Apply limits to your search
- Set up a personal account
- View and save your results
- Accessing full text articles
What is Medline?

MEDLINE is the U.S. National Library of Medicine's® (NLM) premier bibliographic database that contains over 18 million references to journal articles in life sciences with a concentration on biomedicine.

A distinctive feature of MEDLINE is that the records are indexed with NLM Medical Subject Headings (MeSH).

MEDLINE is the primary component of PubMed.

MEDLINE indexes literature from 1946 to the present, with some older material. Currently, citations from approximately 5,516 worldwide journals in 39 languages; 60 languages for older journals.

The Scope of Medline

The subject scope of MEDLINE is biomedicine and health, broadly defined to encompass those areas of the life sciences, behavioral sciences, chemical sciences, and bioengineering needed by health professionals and others engaged in basic research and clinical care, public health, health policy development, or related educational activities.

MEDLINE also covers life sciences vital to biomedical practitioners, researchers, and educators, including aspects of biology, environmental science, marine biology, plant and animal science as well as biophysics and chemistry.
Locating Medline from the Smith Library Homepage

OvidSP Search Screen
**Advanced Search Mode**

Locate articles that provide information supporting the claim that cancer of the pancreas can be caused by drinking coffee?
Subheadings

Subheadings & Scope Notes
Exploding and Subheadings

Combining Sets

For this example, tick the Include all Subheadings box and then on Continue.

You should know be back at the Main Search page where you’re first set of results can be seen.

Now try another subject heading search for Coffee, the other part of the question. Follow the same process you used for cancer of the pancreas. Follow the same steps for a search on Caffeine since this could also be a relevant topic to your search.

Once you have a set of results for the subject heading pancreatic cancer and another for the subject heading coffee and for caffeine, you can combine these sets together using AND.
Displaying Your Search History

Keyword Searching

How else could cancer of the pancreas and coffee be referred to? Identify all synonymous

<table>
<thead>
<tr>
<th>Topic 1 - Cancer of the pancreas</th>
<th>Topic 2 - Coffee</th>
</tr>
</thead>
<tbody>
<tr>
<td>pancreatic neoplasm</td>
<td>caffeine</td>
</tr>
<tr>
<td>pancreatic carcinoma</td>
<td></td>
</tr>
</tbody>
</table>
Truncations and Wildcards

- $ or * is used to truncate words; e.g. nurs$ will find nurse, nurses, nursing, etc.
- # is used to search for a variable single letter; e.g. wom#n will find women and woman
- ? is used to search for a single character or no characters at all. This is very useful for some British and American spellings; e.g. orthop?edics will find both orthopedics and orthopaedics.

Using the list of words above – can you find a use for wildcard or truncation?

Consider using pancrea$ to retrieve articles about pancreas and also pancreatic

Keyword Searching
Search Results

Combining Search Results
Combining Search Sets

Using Limits
Managing Search Results

Accessing Full Text
Interlibrary Loan

Available only to those with Rutgers Net ID.

http://www.libraries.rutgers.edu/interlibrary_loan
EndNote Users

Setting Up a Personal Account
Need more help.....

Try the detailed OvidSP guide available by clicking the Help button at the upper right side of the screen

Smith Library Reference Desk
(973) 972-4358

Health Science Library FAQ's
http://www.libraries.rutgers.edu/smith/health_sciences_faqs