



Objective – to introduce student or resident to the new version of PubMed and evaluate their ability to search the PubMed database efficiently for evidence based articles relating to a clinical question or topic of their choice.

Students will be evaluated on the following. Online tutorials are linked below and can be used to prepare for evaluation.

- **Organization of Search Terms / PICO Question**
 - How to use the PICO Method to Form a Clinical Question
<https://www.youtube.com/watch?v=D3IS1cV-tLQ>
- **Successful use of keyword searching**
 - Tips for Using PubMed – The Basics
https://www.nlm.nih.gov/oet/ed/pubmed/Tips_for_Using_PubMed_Factsheet_2020.pdf
- **Understanding and use of MeSH and Subheadings**
 - Use MeSH to Build a Better PubMed Query
https://www.nlm.nih.gov/oet/ed/pubmed/quicktours/topic_how_it_works/index.html
- **Advanced search tools** – refine your search by publication date range; and find journal and author names using the autocomplete feature.
 - PubMed: Using the Advanced Search Builder
<https://www.nlm.nih.gov/oet/ed/pubmed/quicktours/advanced/index.html>
- **Knowledge of limiters** – EBM article types / Dates / Language / Age, etc...
 - PubMed: The Filters Sidebar
<https://www.youtube.com/watch?v=696R9GbOyvA&feature=youtu.be>
- **Found articles to answer question**
 - Not all searches will retrieve a perfect answer
- **Knowledge of steps needed to access the full text of an article**
 - Accessing the full-text of journal articles from within a database
- **Demonstrated how to view & organize results** – Abstract / Clipboard / Email / File / My NCBI
 - My NCBI Home Page
<https://www.nlm.nih.gov/oet/ed/pubmed/quicktours/alerts/index.html>
- **Knowledge of additional resources and library services available**
 - Talk with your librarians!

EBM Search Strategy Checklist

Name of searcher _____ Date of review _____

1. Organization of Search Terms / PICO Question

No assistance Minor assistance Major assistance

Notes:

2. Successful use of keyword searching

No assistance Minor assistance Major assistance Not applicable

Notes:

3. Understanding and use of MeSH

No assistance Minor assistance Major assistance

Notes:

4. Use of subheadings

No assistance Minor assistance Major assistance Not applicable

Notes:

5. Advanced search tools – searching topics separately / combining terms

No assistance Minor assistance Major assistance Not applicable

Notes:

6. Knowledge of limiters

No assistance Minor assistance Major assistance Not applicable

Notes:

7. Found articles to answer question			
<input type="checkbox"/> No assistance	<input type="checkbox"/> Minor assistance	<input type="checkbox"/> Major assistance	<input type="checkbox"/> Not applicable
Notes:			
8. Knowledge of steps needed to access the full text of an article			
<input type="checkbox"/> No assistance	<input type="checkbox"/> Minor assistance	<input type="checkbox"/> Major assistance	<input type="checkbox"/> Not applicable
Notes:			
9. Demonstrated how to view & organize results – Abstract / Clipboard / Email / File / My NCBI			
<input type="checkbox"/> No assistance	<input type="checkbox"/> Minor assistance	<input type="checkbox"/> Major assistance	<input type="checkbox"/> Not applicable
Notes:			
10. Knowledge of additional resources and library services available			
<input type="checkbox"/> No assistance	<input type="checkbox"/> Minor assistance	<input type="checkbox"/> Major assistance	
Notes:			

No assistance: correctly follows search protocols

Minor assistance: does not follow search protocols but would not affect quality of search/results

Major assistance: does not follow search protocols and might adversely affect quality of search/results

Not applicable: only use if the question does not apply for this search

Name of librarian _____