

Appendix C: Lab Worksheet¹⁸

Case-Based EBM Lab Session
In this lab session, you will work with your group to complete the first two steps of the evidence-based medicine process. First, based on the clinical patient scenario, you will formulate a well-formed, clinical question. Secondly you will acquire evidence from a medical database to support your clinical conclusions. This lab session will provide you with the opportunity to learn the evidence-based medicine process and prepare you for your clinical rotations and residency placements.
Clinical patient scenario: <i>To be developed with faculty and medical education fellows</i>

Step 1: Ask Based upon the clinical patient scenario provided, determine which terms best fit within the chart below. Using the terms within the PICO chart, develop a clinical question to find the best evidence that addresses this patient's medical needs.	
P: Patient/Population/ Problem	
I: Intervention	
C: Control/Comparison	
O: Outcome	
What is your PICO question for this clinical patient scenario?	

Step 2: Acquire In this step you will use the noted database to locate supporting medical evidence to answer your PICO question. Search the medical database for evidence to answer your PICO question. Describe your search strategy. Include specific PICO terms searched. Explain your rationale for taking this approach. Include database limiters and rationale for limiter use. Document the evidence you find from the database in the table. In your summary of evidence, include why this evidence is appropriate for this clinical scenario.				
PubMed Database	Summary of evidence to support PICO	Search terms	Description of search strategy	Limiters applied

18. Swanberg SM, Mi M, Engwall K. An integrated, case-based approach to teaching medical students how to locate the best available evidence for clinical care. MedEdPORTAL J Teach Learn Resour. 2017 Jan 19;13:10531. doi: 10.15766/mep_2374-8265.10531