Article Analysis Form

Components of Effective Research Problems

- Is this the type of problem which can be solved effectively through the process of research?
- Is the problem significant?
- Is answer already available?
- Is research on the problem feasible?

Components of Effective Methodologies

- Are subjects selected carefully to represent a larger population?
- Are procedures outlined for how the data will be collected and analyzed? Does the author follow this plan?
- Are the methods used for data analysis appropriate for the research question?

Components of Effective Results

- Were significant results found?
- If so, were they found through the appropriate use of either a qualitative or statistical procedure?
- Did the Results section address each of the analyses found in the Methodology section?

Components of Effective Discussion

- Did the author address any limitations to the study?
- How generalizable are the results?
- How relevant are the findings to the author's original research question?
- Are recommendations for future research made?
- Do the recommendations offer suggestions for improving the research?

Generalizability

- Are the results of the studies generalizable to your patient population?
- Why or why not?

EBM Application

- Determine Relevance and Validity
- Should the results of this study combined with other information you have found affect or change your clinical practice of medicine?
- If so, what specifically are you going to do? After you implement the change, how might you measure the effectiveness in terms of care outcomes with a patient?