Project/Topic of your Clinical Question: _____

Reviewer: _____ **Today's Date:** _____ **Final Evidence Level:** _____

Article Title: _____

Year: _____ **First Author:** _____ **Journal:** _____

Do the aim/purpose/objectives assist in answering your clinical question?   ☐ Yes ☐ No ☐ Unknown

- Aim/Purpose/Objectives:

When reading the bolded questions, consider the bulleted questions to help answer the main question.

If you are uncertain of your skills in evidence evaluation, please consult a local evidence expert for assistance:

CCHMC Evidence Experts: http://groups/ce/NewEBC/EBDMHelp.htm

Unfamiliar terms can be found in the LEGEND Glossary: http://groups/ce/NewEBC/EBCFiles/GLOSSARY-EBDM.pdf

BASIC ELEMENTS OF AN EXPERT OPINION / REVIEW ARTICLE

1. **Is the author a known expert in the field being studied?**   ☐ Yes ☐ No ☐ Unknown
   - What are the author's credentials?

   Comments:

2. **Does the author have a known bias?**   ☐ Yes ☐ No ☐ Unknown

   Comments:

3. **Is the patient population, problem, or issue clearly described?**   ☐ Yes ☐ No ☐ Unknown

   Comments:

4. **Is the literature search clearly described?**   ☐ Yes ☐ No ☐ Unknown

   Comments:

5. **Is the date range of the cited literature appropriate and current?**   ☐ Yes ☐ No ☐ Unknown

   Comments:

6. **What types of research are cited** *(e.g., animal model, basic science, clinical studies)***?**

   Comments:

7. **Is more than one point of view explained, reported, or referenced?**   ☐ Yes ☐ No ☐ Unknown

   Comments:

8. **Were any conclusions clearly presented in the article?** ☐ **Yes** ☐ **No** ☐ **Unknown**
   - If applicable, were any adverse events clearly described?
   Comments:

9. **Was there freedom from conflict of interest?** ☐ **Yes** ☐ **No** ☐ **Unknown**
   - Sponsor/Funding Agency or Authors
   Comments:

APPLICABILITY: CAN I APPLY THIS EXPERT OPINION / GENERAL REVIEW INFORMATION?

10. **Can the results be applied to my population of interest?** ☐ **Yes** ☐ **No** ☐ **Unknown**
    - Is the setting described in the article applicable to my population of interest?
    - Do the patient outcomes apply to my population or question of interest?
    - Were the patients in this article similar to my population of interest?
    Comments:

11. **Are my patient's and family's values and preferences satisfied by the knowledge gained from this article** *(such as outcomes considered)***?** ☐ **Yes** ☐ **No** ☐ **Unknown**
    Comments:

12. **Would you include this article in development of a care recommendation?** ☐ **Yes** ☐ **No** ☐ **Unknown**
    Comments:

ADDITIONAL COMMENTS OR CONCLUSIONS ("TAKE-HOME POINTS"):

QUALITY LEVEL / EVIDENCE LEVEL

- Consider each "No" answer and the degree to which this limitation is a threat to the validity of the results, then check the appropriate box to assign the level of quality for this study/article.
- Consider an "Unknown" answer to one or more questions as a similar limitation to answering "No," if the information is not available in the article.

THE EVIDENCE LEVEL IS:

☐ Good Quality Expert Opinion / General Review   [5a]
☐ Lesser Quality Expert Opinion/General Review   [5b]

☐ **Not Applicable**

Table of Evidence Levels																					
DOMAIN OF CLINICAL QUESTION	TYPE OF STUDY / STUDY DESIGN																				
	Systematic Review Meta–Analysis	Meta–Synthesis	RCT [+]	CCT [+]	Psychometric Study	Qualitative Study	Cohort – Prospective	Cohort – Retrospective	Case – Control	Longitudinal (Before/After, Time Series)	Cross – Sectional	Descriptive Study Epidemiology Case Series	Quality Improvement (PDSA)	Mixed Methods Study	Decision Analysis Economic Analysis Computer Simulation	Guidelines	Case Reports N-of-1 Study	Bench Study	Published Expert Opinion	Local Consensus Published Abstracts
All Domains	1a 1b											4a 4b		2/3/4 a/b	5a 5b	5a 5b	5a 5b	5a 5b	5a 5b	5

[+] RCT = Randomized Controlled Trial; CCT = Controlled Clinical Trial

Development for this appraisal form is based on:

1. Fineout-Overholt and Johnston: Teaching EBP: asking searchable, answerable clinical questions. *Worldviews Evid Based Nurs,* 2(3): 157-60, 2005.
2. Guyatt, G.; Rennie, D.; Evidence-Based Medicine Working Group.; and American Medical Association.: Users' guides to the medical literature : a manual for evidence-based clinical practice. *Users' guides to the medical literature : a manual for evidence-based clinical practice:* "JAMA & archives journals." Chicago, IL, 2002
3. Melnyk, B. M. and E. Fineout-Overholt (2005). Evidence-based practice in nursing & healthcare: a guide to best practice. Philadelphia, Lippincott Williams & Wilkins.
4. Phillips, et al: Oxford Centre for Evidence-based Medicine Levels of Evidence, 2001. Last accessed Nov 14, 2007 from http://www.cebm.net/index.aspx?o=1025.
5. Local Consensus