

# RAPID CRITICAL APPRAISAL OF A MIXED METHOD STUDY

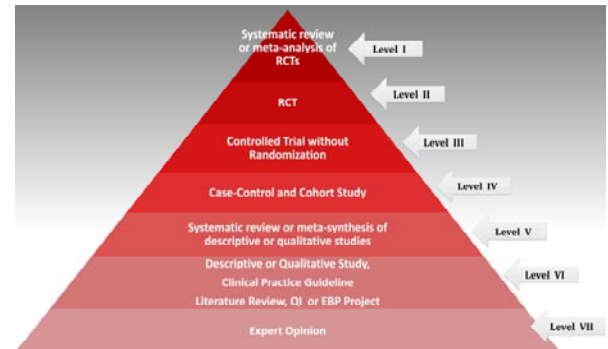
## PROJECT DESCRIPTION/LEVEL OF STUDY

**Project title:**

**Date:**

**Reviewer(s) name(s):**

**PICOT Question:**



**Article citation (APA):**

**Indicate the level of the study you are appraising:**

**Recommendation for article inclusion in the body of evidence to answer your question:**

## GENERAL DESCRIPTION OF STUDY

### OVERVIEW

- 1. Purpose of study, including research question(s) or hypotheses:**
- 2. Design/Method:**
- 3. Sample:**
- 4. Setting:**
- 5. Data Collection:**

# QUALITY OF STUDY

## GENERAL QUESTIONS

1. What different methods or approaches were used in the study?

Yes  No  Unknown

Core Component:

- Qualitative  
 Quantitative

Supplemental Component:

- Qualitative  
 Quantitative

### IMPORTANT NOTE:

Please complete the appropriate rapid critical appraisal form for each component (e.g. RCT, Descriptive, Qualitative Study) before you answer the questions listed below about this mixed method study.

## VALIDITY: Are the results of this study valid?

2. Was the qualitative component(s) of the study well developed?

Yes  No  Unknown

- Strength of the qualitative component(s):

- Level of the qualitative component(s):

- Quality of the qualitative component(s):  High  Medium  Low

3. Was the quantitative component(s) of the study well developed?

Yes  No  Unknown

- Strength of the quantitative component(s):

- Level of the quantitative component(s):

- Quality of the quantitative component(s):  High  Medium  Low

4. Were the two components used to create joined, comprehensive results or discussion?

Yes  No  Unknown

*(Note: mixed methods study includes combined analysis or separate analysis with merged discussion)*

5. What statistical analysis methods were used?

- Were the statistical analysis methods clearly described?  Yes  No  Unknown
- Were the statistical analysis methods appropriate?  Yes  No  Unknown

**6. What were the main mixed results of the study?**

**7. What were the main results of the study?**

- Statistical Significance (*p* value) \_\_\_\_\_
- Confidence Interval and/or Standard Deviations \_\_\_\_\_
- How precise was the intervention/treatment?
  - Narrow? Wide? \_\_\_\_\_
- Effect size \_\_\_\_\_

**8. Were the results clinically significant?**

Yes  No  Unknown

- Were the following reported: NNT, NNH, OR, RR?  Yes  No

**9. Was the date range of the cited literature current?**

Yes  No  Unknown

- What date ranges were included? ?\_\_\_\_\_ to \_\_\_\_\_
  - If older literature was included, why was it included?

**APPLICABILITY/TRANSFERABILITY: Can I apply these valid, important study results?**

**10. Can the results be applied to my population of interest?**

Yes  No  Unknown

- Is the treatment feasible in my care setting?  Yes  No
- Do the outcomes apply to my population of interest?  Yes  No
- Are the likely benefits worth the potential harm and costs?  Yes  No
- Were the subjects/participants in this study similar to my population of interest?  Yes  No
- Were all clinically important outcomes considered?  Yes  No

**11. Will you include the article/study in your practice decision to make a difference in outcomes?**

Yes  No  Unknown

- If yes, why would you do this & how would you do this?
- If no, why would you not include the results to make a difference?

### STRENGTH OF STUDY

**Level of study:** I, II, III, IV, V, VI, VII (Select one)

**Quality of study:** High | Medium | Low (Select one)

### STRENGTH = LEVEL + QUALITY

**What is the strength of the study?**

**What is your recommendation for article inclusion in the body of evidence to answer your question?**

- Include this article in the body of evidence (place article on evaluation & synthesis tables)
- Do NOT include this article in the body of evidence

**Additional Comments:**