



## PEARLS 3RCT (Randomized Controlled Trial) Formative Feedback and Documentation of Completion.

Resident: \_\_\_\_\_ Faculty Supervisor: \_\_\_\_\_ Date: \_\_\_\_\_

Did the resident adequately address the questions in the worksheet? Yes  No

In the upcoming PEARLS 4SYN will the resident be ready to address the following questions as they relate to the reviewed RCT?

1. Which RCT did you select and why?
2. How was the RCT funded?
3. Compare the intervention being considered to the guideline recommendation (if different), the systematic review PICO, and the RCT PICO.
4. How internally valid was the RCT?
5. Was this validity reasonably reflected in the critical appraisal done by the systematic review authors and the level of evidence assigned by the guideline development group?
6. What was the magnitude of benefit of the intervention and the confidence interval in the study populations? (All RCTs can answer this question.)
7. What is the expected magnitude of benefit of the intervention if applied to your patient population? (This question requires you to consider the characteristics of your population including level of risk of negative outcomes, and combine this information with the relative risk reduction in the trial.)

Yes  No

Advice on how to use this PEARLS 3RCT in PEARLS 4SYN (Such as strengths and limitations of the RCT.)



In the upcoming PEARLS 4SYN will the resident be ready to address the following questions as they relate to synthesizing and applying the guideline, systematic review, and RCT?

1. *How large are the likely harms and costs of the intervention?*
2. *Are there barriers to implementation that are relevant to your practice but are not discussed in the three articles? (Guideline, SR, and RCT)*
3. *Are you confident that your three articles reasonably summarize the best available evidence?*
4. *Does the guideline recommendation reasonably interpret the findings of the RCT?*
5. *Do you think that the intervention is worthwhile? In which patients?*
6. *Do you think that all clinic team members should apply the intervention? If so, do you think the clinic should apply Quality Improvement (QI) theory and methods to ensure that it is being implemented?*

Additional advice on synthesizing and presenting the information in PEARLS 4SYN.