

Interprofessional Journal Clubs: Increasing Confidence in Critically Appraising Research Articles

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INTRODUCTION

Background

- Interprofessional journal clubs have emerged as an innovative approach to facilitate collaborative learning and enhance critical thinking among participants in various fields in healthcare, particularly in academia in the nursing professional setting by:
 1. Fostering open dialogue
 2. Encouraging members to articulate thoughts
 3. Allowing better understanding of nursing research and statistical analysis
- **Objective:** to create a supportive environment to discuss and critically appraise peer-reviewed literature.
- **Goal:** In 2025, the Evidence-Based Practice and Nursing Research Council will hold two interprofessional journal club meetings.

Purpose

- To increase member confidence in critically appraising research articles, which will help the council achieve one of their goals for 2025.

Framework:

- The Replication Framework in education was used which emphasizes that repetition of skills fundamental to practice and reinforcing skills or routines to achieve mastery and reliability across different learners.
- In the context of this EBP project, the replication skill was critically appraising peer reviewed articles.

Objectives of Poster: After viewing the poster, participants will be able to:

- Determine benefits of participating in interprofessional journal clubs.
- Synthesize the insights from the poster to integrate relevant evidence-based practices into their own professional contexts.

METHODS

Setting and Participants:

- Virtual meeting with members of the Evidence-Based Practice and Nursing Research Council.

Intervention/Process:

- Identification of an appropriate peer-reviewed journal article with relevance and interest for all members of the council.
- Selection of article reached through consensus.
- Identification of an appraisal tool from the Association of Nursing Professional Development.
- Preparation of appraisal session included pre-work consisting of:
 - Members being provided with the article and appraisal tool to review/complete prior to the meeting where findings were discussed.
- Incorporation of EBP practices using strategies from the Iowa Model of EBP for journal clubs.

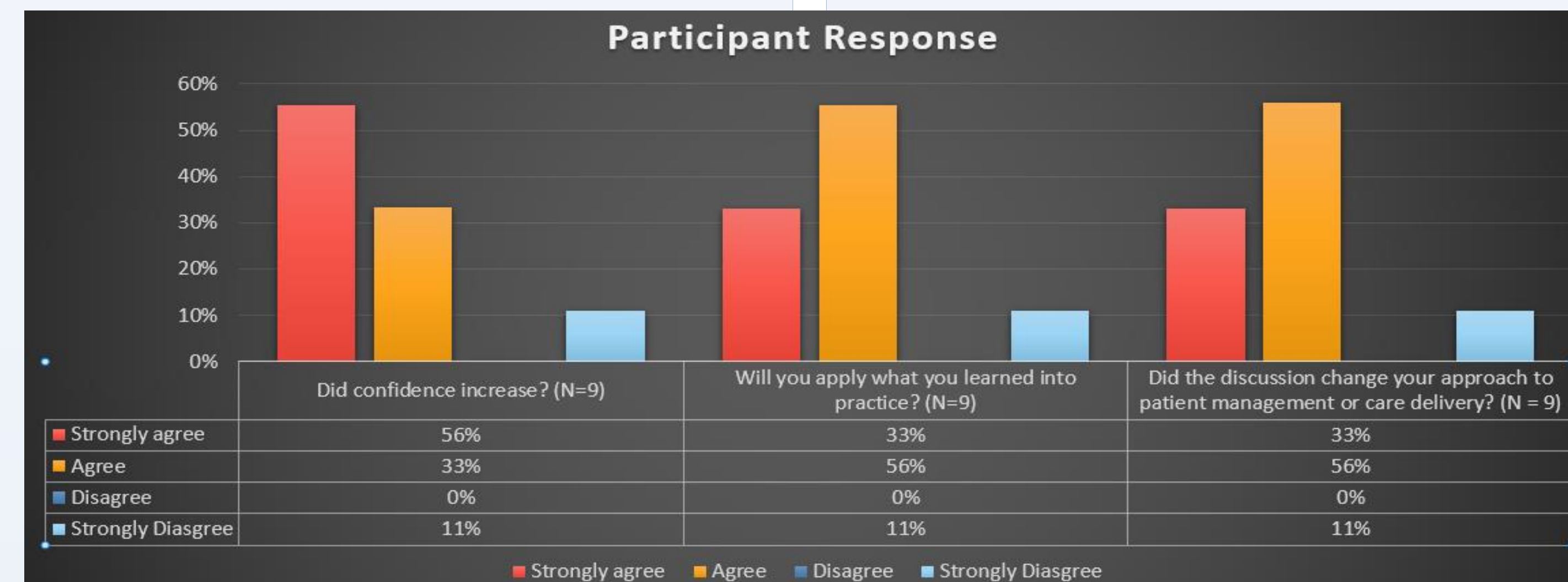
RESULTS

Key Findings:

- At least **89% of participants** indicated that **their confidence of appraising an article increased** by participating in the interprofessional journal club.
- At least 89% of participants indicated they will apply what they learned into practice.
- At least 89% of participants indicated the discussions changed their approach to patient management or care delivery.
- One of the nine responses indicated strongly disagree for all three questions.
- Other results indicated the appreciation or "refresher" on research provided by the facilitator.

Actionable Data:

- Second article is in the process of being identified.
- Since overall process was successful, will continue to use the same process moving forward.



Data Collection and Analysis:

- Data was analyzed using percentages from the post program report.
- Responses were anonymous.

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CONCLUSIONS

Interpretation:

- Overall, the main goal of increasing participants' confidence level in appraising an article during an interprofessional journal club was achieved.
- There was one participant who indicated they disagreed which could indicate an error in their responses or their lack of confidence participating in the journal club.
- Appraising articles can be perceived as an intimidating exercise if participants have not been exposed to this activity during their academic preparation.
- The skill of appraising an article requires education if this is a new skill.
- Article appraisal can also be considered a skill where nurses gain proficiency with experience.
- Creating an environment of open dialogue during the appraisal can help to alleviate any stress for fear of "not knowing".

Limitations and Future Directions:

- When conducting an article appraisal with an interprofessional team, it is imperative to identify an article that has a broad interest for most members so that participants feel included which may make them more willing to participate and contribute to the discussions.

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