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REVIEWER'S REPORT

Manuscript No.: IJAR-58165

Title: Effectiveness of a Structured Case-Based Chest Radiograph Interpretation Workshop for Undergraduate Medical Students: A Multicenter Pretest-Posttest Educational Study

Recommendation:

- Accept as it is
- ✓ Accept after minor revision.....
- Accept after major revision
- Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance	✓			

Reviewer Name: Dr S. K. Nath

Detailed Reviewer's Report

Strength of the study:

- The study addresses an important aspect of undergraduate medical education
- Clear objectives and a well-designed educational intervention are presented
- Appropriate statistical analysis supports the study findings
- Knowledge and confidence outcomes were assessed systematically
- Results are presented with clear tables and figures
- The discussion is supported by relevant and recent literature
- The findings have practical implications for curriculum development

Weakness of the study:

- The study lacks a control group for comparison
- Long term knowledge retention was not evaluated
- Confidence assessment relied on self reported responses
- Ethical approval from an institutional committee is not clearly stated
- Sample size is relatively small for multicenter analysis
- Minor grammatical and formatting corrections are required
- Participant characteristics could be described in greater detail

Reviewers Comments:

The manuscript evaluates the effectiveness of a structured case-based workshop for improving chest radiograph interpretation among undergraduate medical students. The topic is relevant and addresses an important gap in undergraduate medical education. The educational intervention is clearly described, and the statistical methods are appropriate for the study design. The significant improvement in both knowledge and confidence supports the usefulness of structured case-based learning. The manuscript is generally well organized, and the discussion appropriately compares the findings with previous studies. However, although informed consent and participant confidentiality have been mentioned, the manuscript should clearly state whether institutional ethical committee approval was obtained or explain if it was exempt. Minor grammatical errors, formatting inconsistencies, and language refinement would further improve readability. The absence of a control group, reliance on self reported confidence, and lack of long term follow up should be emphasized as important limitations. Overall, this is a valuable educational study and is suitable for publication after minor revision.

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Previously Published anywhere/Plagiarism check:

The manuscript appears to be original, and no obvious evidence of previous publication or duplicate submission was identified during this review. No apparent signs of plagiarism were observed from the submitted version. However, a routine plagiarism similarity check should be performed by the journal before final acceptance to ensure originality and compliance with publication ethics.