

REVIEWER'S REPORT

Manuscript No.: IJAR-58520

Title: Augmented Reality and Three-Dimensional Technologies in Colorectal Surgery: Current Applications and Future Perspectives. A Narrative Review

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 review covers a timely and clinically relevant topic in colorectal surgery
- Literature search strategy is clearly described
- Recent and relevant studies have been included
- The manuscript is well organized with logical flow
- Tables effectively summarize the available evidence
- Clinical applications and future perspectives are discussed in detail
- The conclusions are balanced and supported by the reviewed evidence

Weakness of the study:

- The review is narrative rather than systematic
- No formal quality assessment of included studies was performed
- Most cited evidence comes from small or observational studies
- Ethical statement for review methodology is not mentioned
- Some sections contain repetitive information
- Cost effectiveness is discussed only briefly
- Additional figures comparing available technologies would improve clarity

Reviewers Comments:

This narrative review provides a comprehensive overview of the current role of augmented reality and three-dimensional technologies in colorectal surgery. The topic is highly relevant as these technologies continue to evolve in surgical practice. The manuscript is well structured, easy to follow, and supported by recent literature. The tables improve readability and help summarize the available evidence effectively. Since this is a literature review, ethical clearance is generally not required, although a brief statement mentioning this would improve transparency. The language is clear overall, with only minor grammatical and stylistic corrections needed to enhance readability. The authors appropriately acknowledge the limited quality of the available evidence and the lack of large prospective studies. A more detailed critical appraisal of the included studies would further strengthen the review. Overall, this manuscript offers a balanced discussion and provides useful information for surgeons, educators, and researchers. It is suitable for publication after minor revision.

Previously Published anywhere/Plagiarism check:

This review appears to be an original scholarly work based on published literature, and no obvious evidence of duplicate publication was identified during review. No apparent signs of plagiarism were observed. However, the journal should perform a routine plagiarism similarity check before publication to ensure originality and compliance with publication ethics.