

Reviewer #1:

Scientific Quality: Grade A (Excellent)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (High priority)

Specific Comments to Authors: First, the article comprehensively discusses the shortcomings of surgical education and how vr technology can be applied to surgical education. Secondly, the authors study the application of VR learning system in surgical education, after demonstrating that the learning system can be used in the field of surgery with good results. Thirdly, VR technology is developing rapidly at present, but it still has certain disadvantages due to technical limitations and cannot be applied in various fields. vr applied to surgical education has certain advantages and can save costs, but whether VR can completely replace the whole process of surgical education, whether VR can completely simulate the whole process of surgery, whether VR system has replicability, that is, in the whole process of teaching, surgical teaching Whether the same VR system can be applied to many specialties.

We thank the reviewer for the positive feedback

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: Dear Authors thank you for submitting your manuscript to our journal. The title reflects the main subject of the manuscript and the abstract summarizes and reflects the work described in the manuscript. Limitations

The english language needs some polishing. We have revisited the article, and grammatical and vocabular errors have been corrected

It is not clear how did you select the papers you considered: even for a minireview the number of only three papers, represents a too small sample, even if the papers are of high scientific influence. Please explain your decision. An additional inclusion criterion has been added "Perform skill or full procedure training in abdominal surgeries". To our best knowledge, and based on a non-extensive and non-systematic search in the google scholar database, we could not find any other articles. Of course, if the reviewer has any additional articles in mind that could adhere to our protocol, we will be happy to go through them, evaluate them against our criteria and include them in the review.

The figure 1 is not cited in the text. Fixed. Figure 1 is cited in page 6. Based on the findings of the comparative synthesis of the already existing approaches, we propose a roadmap that its application could foster the training of surgeries (figure 1).

About your proposal of a roadmap it is interesting to evaluate the feasibility of this project and the cost of the final product that you propose. Could you accomplish this item? Added in the conclusion: "In order

to assess the proposed architecture, a feasibility study along with a cost-effectiveness analysis should be performed. The implementation and evaluation of the system falls outside the scope of this mini review. Nevertheless, could prove to be a valuable tool in the field of surgical and more specifically transplantation training, especially if evaluated against a transplantation simulator.”

The devices/systems that are proposed for use in the ecosystem are commercially available, either for purchase or through annual subscription. Some of them can prove quite costly, rendering a feasibility study especially challenging.

Finally do you really think that it is possible to obtain a simulator for transplantation training? It is of great importance, if someone implements a system following the proposed architecture, to evaluate it against an already available simulator for transplantation training.