

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Transplantation*

**Manuscript NO:** 79670

**Title:** Exploring the use of Virtual Reality in surgical education

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 04671880

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Professor, Surgeon, Surgical Oncologist, Teacher

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** Greece

**Manuscript submission date:** 2022-09-05

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-10-13 10:13

**Reviewer performed review:** 2022-10-20 10:21

**Review time:** 7 Days

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

statements

Conflicts-of-Interest: [ ] Yes [Y] No

#### **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. 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. The figure 1 is not cited in the text. 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? Finally do you really think that it is possible to obtain a simulator for transplantation training?

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**Reviewer's code:** 06211870

**Position:** Peer Reviewer

**Academic degree:** MMed

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Greece

**Manuscript submission date:** 2022-09-05

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-10-22 00:05

**Reviewer performed review:** 2022-10-22 03:00

**Review time:** 2 Hours

<b>Scientific quality</b>	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
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<b>Re-review</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="radio"/> Anonymous <input type="radio"/> Onymous



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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.