Reviewer’s report

Title: A scoping review of augmented reality in nursing

Version: 1 Date: 18 Jan 2019

Reviewer: Ting Ting Wu

Reviewer's report:

The popularity of AR in recent years has also become more applicable to medical care part. This research is close to the pulse of modern scientific and technological progress, and try to integrate the application of AR in medical care, and even classify it according to years, country, study type and study objective, methods, use case descriptions, device used, major findings.

However, there are some parts need to modify shown below.

1. The study only explores the literature between 2016 and 2018. I suggest the authors could supplement the scope of the study period, or explain the reasons for the study between 2016 and 2018, rather than the relevant research in the past five or nearly ten years.

2. In 2.2 Study Selection, the selected literature language is English and German., it is recommended that the author explain why only English and German are used, and others are not included in the reference range.

3. The analysis flow chart of PRISMA in the study is presented in detail, but why PRISMA is selected, please explain why.

4. The author searches for the keywords of the literature, whether there are other impact factors or reasons, to guide the main axis and direction of the research. The authors could explain more about this part.

5. In the research, the author mentioned three researchers who filtered the papers, but their academic background was unclear. Please add the author's explanation to increase the rigor and reliability of the research.

6. In the Result of Table 2: Details of include studies, the author records that there are countries using AR, so I suggest the authors need to describe more about the characteristics of the use of AR in various countries.
7. The author integrates the advantages and disadvantages of AR currently. Simultaneously, I hope that the author can infer the future development trend and influence of AR in the care of medical care from the past literature. Therefore, it is advised the author discuss to this section in detail.

**Are the methods appropriate and well described?**
If not, please specify what is required in your comments to the authors.

No

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

Yes

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

No

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

**Quality of written English**
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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