Reviewer’s report

Title: Simulation training in vitreoretinal surgery: A systematic review

Version: 0 Date: 25 Dec 2018

Reviewer: yuan liu

Reviewer's report:

Surgical simulator is an important component of surgical skills training. This article performed a systematic review of the current literature on simulator-based training in vitreoretinal surgery (VRS). It is well-written and organized. The following is some of my concerns.

1. the authors had very strict inclusion criteria. some publications like "SIMULATION TRAINING IN VITREORETINAL SURGERY: A Low-Cost, Medium-Fidelity Model" were excluded. Also, there are some similar review like "Intraocular surgery - assessment and transfer of skills using a virtual-reality simulator". So here is my question whether the inclusion criteria is proper for analysis. And could the author highlight the difference or advantage compare their study to the previous study.

2. there are some written mistakes like line 19 "over the last many decades simulation..." should be "over the last many decades, simulation..";

   line 21 " surgical simulators offers" should be "surgical simulators offer"; line 52 (retinal surger or vitreoretinal surger) should be "retinal surgery or vitreoretinal surgery", also there are so many missing or misused preposition or Singular and plural problems.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

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

Unable to assess

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

Yes

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.

Not relevant to this manuscript

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

Needs some language corrections before being published

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