Reviewer’s report

Title: High-fidelity is not superior to low-fidelity simulation but leads to overconfidence in medical students

Version: 0 Date: 10 Dec 2018

Reviewer: Azam Afzal

Reviewer's report:

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Methods:

A cohort of undergraduate students, usually follows a Bell curve (in terms of performance), into the majority being average and lesser high achieving and borderline (low achieving) students. Is it known whether if in this study the majority of high achieving students were randomly allocated in the LF simulation group? What as done to ensure that all group were homogeneous in performance.

Also were the students in the HF group given adequate time to familiarise themselves with the equipment, as the initial learning curve is usually higher with HF simulators as compared with LF simulators which can account for some delays and decrease in performance.

Results:

If the cohort in the study consists of millennial learners then there is a natural gravitation towards technology (Keengwe J, Georgina D; 2013), hence their preference for choosing HF in the cohort.
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.

Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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I am able to assess the statistics

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