Reviewer’s report

Title: Construction and Application of Service Quality Evaluation System in the Preclinical Research on Cardiovascular Implant Device

Version: 0 Date: 07 Dec 2018

Reviewer: Abnane Ibtissam

Reviewer's report:

This paper presents service quality evaluation system for the preclinical research and development of CVIDs based on Fuzzy Analytical Hierarchy Process (FAHP). The paper is well structured and well written. However, I have some comments that the authors should address:

Background section
* Paragraph 2: "With the increasing morbidity and mortality of cardiovascular disease, there is an increasing market demand for high-quality cardiovascular implant devices (CVIDs), such as coronary artery stent, heart valves and artificial assistant equipment.". This sentence lacks references that strengthen this statement.

* Paragraph 3, line 8 : the acronym FAHP has not been defined before

Section 2.2: "Indicators that could most effectively reflect the service quality in the preclinical development of cardiovascular implant devices were selected for constructing the two- index-hierarchies indicator system". What are these indicators?

Section 2.2.3:

* Determination of the indicators' weights (Lai, 2015; Feng, 2014; Yu, 2011; Azzopardi, 2013; Sever, 2015) : avoid inserting references in section's titles

* Linguistic variables are used in the questionnaire to convert the measured qualitative factors to fuzzy numbers: This transformation is not clear, please provide more details.

Section 3.1: A total of 10 experts with a senior professional title. The choice of 10 experts is not justified, is it sufficient?

Section 3.2: With respect to the DMG expertise .. Consider illustrating the secondary indicators with a figure.

Appendix is referenced as Appendice many times.

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?
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.

I am able to assess the statistics

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

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