

Review Result**Manuscript ID** KJME-21-048**Review Count** 2nd**Send Date** 23-Sep-2021**Recommendation** Minor revision**Comments to
Authors
(Editorial Office)****Reviewer's Comments****Reviewer 1** -**Reviewer 2** Thank you for your time and efforts for revision.

Looking at your revised manuscript, I raised a new question about data analysis. I'm wondering why you used logistic regression to analyze the relationship between demographic variables and burnout by dividing participants into three levels of burnout (low, moderate, and high).

The MBI-HSS was measured as a continuous variable, thus there is no need to conduct logistic regression and you could use linear regression.

Please add more details about this issue in the method section.

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[1st Revision completed] KJME-21-048 was revised and submitted

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ONLINE MANUSCRIPT SUBMISSION

[Korean Journal of Medical Education] 1st Revision completed.

Manuscript ID : KJME-21-048
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Corresponding Author : Diantha Soemantri
Author's opinion : [M_20210058_11_1.docx](#) (18KBytes)

Dear Reviewers,

We would like to thank you very much for the comments and feedback for this paper and we have taken this opportunity to revise the manuscript in the light of those comments. We summarized in the following our responses to the comments. All revised parts are highlighted in the manuscript.

Reviewer #2:

Line 4: I can find some studies and literature review about the relationship between burnout and QoL during residency program.

We have revised the sentence into the following: Currently there are limited number of comprehensive studies exploring in more depth the relationship between burnout and quality of life (QoL) of medical residents during residency training (page 1, line 4)

We believe there are studies and literature review regarding the relationship between burnout and QoL during residency program, however to the best of the authors knowledge, the studies are limited in terms of the residency programs involved, the lack of exploration on the factors associated with burnout and QoL. Therefore our study would like to expand the studies involving six different residency programs and exploring the factors associated with that through mixed-method study.

Line 65: You should be able to justify why you used the mixed method. Sampling in one hospital is not appropriate to explain the prevalence of burnouts, and only six residency programs are not representative. However, six programs can be representative, if you can explain the reasons. It should be explained why only six programs were sampled. Rather, a survey seems to have been conducted to

4) (Line 18) I do not agree that the study has proven the influence of burnout on Qol. I think this study examined the relationship between medical students' burnout and Qol and identified factors affecting their burnout. The section needs to be revised.

We have revised the conclusions accordingly (page 1, line 19-22)

Methods

1) (Line 86) The sentence should be paraphrased to avoid the plagiarism issue. We have revised the data analysis section accordingly, including the qualitative data analysis (page 4, line 107-111)

2) In line 72, it said that the sample size of 59 residents were the study participants. But in line 97, 86 residents responded to the survey. The authors need to check the sample size of the study.
The number of 59 is the minimum required sample, however to avoid confusion we have stated that the participants of the study are 86 residents. And this sample size is deemed sufficient based on the sample size calculation formula (page 3, line 84)

3) (Line 83) It would be better for readers if the authors add more detailed information regarding the method section (e.g. which regression analysis was conducted, which software was used for the thematic analysis, etc.)
We have revised the data analysis section accordingly (page 4, line 102-111)

Results

1) (Line 254) The authors mentioned the results of correlation analysis but did not report any results or tables for it.
We have added some details regarding the quantitative data, including the reference to a particular table presenting all quantitative data (page 5, line 126-134)

2) Overall, there has not been sufficient discussion of the findings obtained from quantitative analysis.
We have added some details regarding the quantitative data as elaborated in page 5, line 126-134

Tables & Figures

Thank you very much for the feedback. We hope that the revisions are sufficient.

Sincerely yours,
Diantha Soemantri
on behalf of the authors

Sincerely,

Prof. Dr. Young-Mee Lee
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