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# The Influential Factors in Students' Satisfaction with Kermanshah University of Medical Sciences, Iran (2015 - 2016)

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## About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

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## Contents

1 Original submission Referee 1 ..... 2
2 Revision 1 ..... 3
Authors' reply to reviewers ..... 4
Reviewer and editor comments ..... 10

## 1 Original submission

1 comment · 27 May 2021

### Referee 1 Reviewer

MAJOR REVISION 27 May 2021

The whole manuscript should be revised and corrected.

2

# Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

**While thanking the respected reviewers, the requested corrections were marked in the text of the article, and the response to each of the review comments is attached in the table below.**

First reviewer

Response

Review comment

Study of Factors Affecting Students' Satisfaction from Kermanshah University of Medical Sciences in 2015-2016

Title: The words medical academic environment in the title are ambiguous, and their correction is recommended. The names of the schools were added to the abstract.

In the conclusion section, since students' satisfaction with none of the 12 domains examined was at a desirable level, it has been stated in general under the title "satisfaction with Kermanshah University of Medical Sciences". Also, the ambiguous part of the conclusion was removed.

Abstract: The text needs editing. The names of the schools examined should be added to this section. The weaknesses mentioned in the conclusion should be specified by stating specific items; in the current form they are ambiguous. The last sentences of the conclusion are general, and their removal or replacement is suggested.

The factors examined in this study are 12 domains, which are stated in the Methods section, and to avoid repetition they have not been mentioned in the Introduction section.

The words « medical academic environment » were changed to Kermanshah University of Medical Sciences. Introduction: The date of the study relates to 5 to 6 years ago. The factors in question of the study have not been specified in this section. The words « medical academic environment » are ambiguous and need correction.

The total number of students was added.

The educational levels (associate, bachelor's, master's and professional doctorate) were examined, and this was specified in the Methods section.

The aim of the study was to examine the factors affecting students' satisfaction with the university and their level of satisfaction with these factors; in the questionnaire used, 61 items in 12 domains were examined in two sections, importance and satisfaction. In this way, by specifying the level of importance of each item (very unimportant, unimportant, important and very important), students specify which items have the greatest effect on their satisfaction. In fact, in the importance dimension, the factors affecting satisfaction are identified.

In the satisfaction section, the level of students' satisfaction with the university was also examined. In fact, the importance of the factors examined (identifying the factors affecting students' satisfaction) and students' satisfaction with the said factors have been expressed in an integrated way in the title of the study.
The source of the questionnaire used is a thesis; reference had been given to the article derived from it, which was corrected, and reference was given to the thesis.
Explanations regarding the gap were added to the article.
Methods: In this section, the total number of students and then the sample size are mentioned; the exact figure of the total number of students should be stated.
The educational level of the students should be specified.
The text needs editing.
The title and the instrument are not properly consistent, and the importance of the items, which is presented in the Methods, has not been reflected in the title.
The reference used for the questionnaire is not fully consistent with the present article, because in reference 12 (according to the relevant Methods text) the importance part of satisfaction of the reference questionnaire was not used.
Also, the importance of the gap topic, which is emphasized in the results, needs sufficient explanation in this section and also in the Introduction section.
The significant findings related to the schools were added to the Results section of the article. Results: Adding results related to weaknesses, broken down by the different schools, is recommended in this section.
Corrected.

In the Discussion section, educational issues are stated first and then personal issues. Discussion: Based on the findings, it has been stated that students expect more counseling services, especially in the field of education and also personal issues. In recent years, the student counseling plan has brought about extensive changes in this field, and given that the present article relates to 5-6 years ago, revising this part of the discussion using newer studies is recommended, since the references used in this part relate to 2009 and 2012.

In order to make the results applicable, categorizing the discussion into educational issues and personal issues of students is recommended. Also, a summary of the major problems broken down by schools should be added.
Corrected. Conclusion: It should be corrected in proportion to the findings; in its current form it is very general and unacceptable.
The study references were updated as far as possible. References: Using new references and updating them is necessary. Referee number 2

Opinion of the referee

Response

Any suggestions concerning the **Title:**
Although the type of study is both descriptive and cross-sectional, the title of the article is not complete. The study's time (year) and the associated university should be mentioned.
Was corrected.

Study of Factors Affecting Students' Satisfaction from Kermanshah University of Medical Sciences in 2015-2016

Any suggestions concerning the **Abstract** (Introduction, Methods, Results and Conclusion).

> The structure and format of the Abstract is weak. For example, the purpose and background of the study is not clear and well explained. Also, some paragraphs of the article are unnecessary and incomprehensible.
> There is no reference to the gender of students and the ratio of their number in the sample size (346 students).
> Regarding the evaluation of the two dimensions of "Importance and Satisfaction", no reference is made to the variables considered in this study.
> In the results section, the sentences are very long and somewhat incomprehensible. Also, the rules of writing and grammar are weakly followed

Was corrected.

In the results section, it is stated that 64.2% of the samples were female.

Explanations regarding the dimensions of importance, satisfaction and gap were added in the method section.

Corrected as much as possible ( The length of the sentences in this article is due to the translation of the names of the 12 factors).
Any suggestions concerning the **Keywords.**

> The key words are good, but the Kermanshah University of Medical Sciences should also be added. Also, the key words should be written using Mesh.

Kermanshah University of Medical Sciences be added. The key words were written using Mesh.
Any suggestions concerning the **Introduction** (Introduction, History, Necessity, Aims and Application).

> The manuscript has not well defined the problem statement and necessity of research and it has further addressed only the significance of student's satisfaction in university. In the literature section, studies conducted in other Iranian medical universities that evaluate medical students' satisfaction in the fields of education and welfare have not been reviewed and analyzed. In other words, there have been many studies on evaluating medical students' satisfaction at different universities in Iran, which have not been mentioned in the present study. The literature must be comprehensively reviewed, updated, and criticized in the introduction of study.

Introduction was modified.
Any suggestions concerning the **Methods** (Relevancy, Reproducibility …).

> The method and materials of the study should be revised and corrected as follows:
>
> > Inclusions & exclusion criteria of the students should be clarified in the study.

Informed consent should be taken from all the students included in the study.

The psychometric properties of the questionnaire should be explained based on the Iranian population.

Also, there is not enough explanation about the two dimensions of the "Importance" and "Satisfaction" questionnaire.

Inclusions & exclusion criteria were added to the study.

informed consent was obtained from all students and was one of the inclusion criteria.

The questionnaire used in this present study was prepared by the reference study whose validity and reliability were confirmed. Also in the present study, the validity and reliability of the questionnaire were confirmed.

Explanations regarding the dimensions of importance, satisfaction and gap were added in the method section.

Any suggestions concerning the **Statistical Methods** (Sampling, Tests …)

The sample size and sampling method of the students should be well-explained based on the literature of the study. Also, statistical methods should be revised and corrected.

According to the purpose of the study, which was to assess the students' satisfaction with the KUMS, sampling was done by stratified random sampling method and in each school, according to the number of students, the sample share of that school was determined.

Any suggestions concerning the **Results** (Relevancy, Accuracy …).

The results of the study should be revised and corrected

The format & title of the tables should be revised and corrected.

Was corrected (According to the objectives of the study, the findings are categorized in terms of importance, satisfaction and gap).

Was corrected.

Any suggestions concerning the **Discussion** (Comprehensiveness, Justification),

Discussion on research findings is not integrated and more studies should be used to explain the discussion. Also, the results of the study should be justified based on the literature of the study. The limitation of the study should be revised and corrected.

Due to the number of items studied in this study to prevent duplication of results and also due to the limited number of words in the article and to avoid excessive length of the article, important results were discussed. Although it was tried to modify the discussion somewhat and add some material to it.

The limitation of the study was corrected.

Any suggestions concerning the **References** (Quality, Quantity, Indexing, Up-to-date)

The References should be revised and updated.

Study references were updated as much as possible.

Any suggestions concerning the **Tables and Figures** (Title, Content, Structure …)

The format & title of the tables should be revised and corrected.

Was corrected.

## 2 Revision 1

0 comments

*No public comments in this round.*