OPEN PEER REVIEW

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- Authors' satisfactions from the review process: Increases honesty between authors and reviewers
- Education of both authors and new students
- Prevents reviewers from following their individual agendas and leading to the detection of reviewers' conflicts of interests

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Peer Review Report for "The Mediating Role of Sexual Self-esteem in the Relationship Between Marital Quality and Psychological Adaptation to Illness in Women with Chronic Pain Illness"

Author(s): Esmaeil Sadri Damirchi, Nader Ayadi, Shahriar Dargahi, Soleiman Ahmadboukani, Saeed Pireinaladin

Review Timeline:

Submit Date: 31 Aug 2020
Revised Date: 12 Dec 2020
Accepted Date: 14 Dec 2020

Revision (0)

Here, you can see the **Reviewers**, **Associate Editors** and **EICs'** comments from the beginning to the end of the revision process.

REFEREE: Reviewer | **Revision** (0) — 16 Sep 2020

Dear AE,
The manuscript needs to be edited in terms of language. The English translation of the text is somewhat incomprehensible .
- Comments are provided in the attached file.
Thanks.

REFEREE: Reviewer | **Revision** (0) — 1 Oct 2020

Dear AE,
The authors should Pay attention to the comments and correct them. Also, This text has many spelling and grammatical errors.
Thanks.

REFEREE: Associate Editor | **Revision** (0) — 4 Oct 2020

Dear EIC,
This article is inline of JJCDC. Based on our reviewers comments, this manuscript need some revision in all parts.
Thanks

REFEREE: EIC | **Revision** (0)

4 Oct 2020

Dear Author,
Thank you for submitting your manuscript in JJCDC. Based on our reviewers comments, it should be noted that you should correct all comments and resubmit.
Thank you very much.

OPEN PEER REVIEW

Revision (1)

Reply to Reviewers

Ideally, the reviewing process can significantly improve the submitted manuscripts by allowing the authors to take into account the advice of reviewers. Author(s) must reply to all reviewers' comments in a separate Word file, point by point. A "**Reply to Reviewers**" document is submitted along with revised manuscript during submission of revised files, summarizing the changes that the authors made in response to the reviewers' comments. The responses to reviewers' comments specifies how the authors addressed each comment the reviewers made.

You can read the authors' responses to the reviewers' comments in the next page.

This research is a descriptive-analytic study of correlation type.

The statistical population of the present study consisted all women with chronic pain referred to orthopedic centers in ardabil, from which 200 people were randomly selected by available sampling method.

(P<0/01).

(P<0/01).

Conclusion: According to the results of the present study, can be said that sexual self-esteem is a full mediating role in the between marital quality and Psychological Compatibility in women with chronic pain. Therefore, paying attention to the role of sexual self-esteem in therapeutic interventions related to these women is very important.

Keywords: Sexual, self-esteem, Marital quality, Psychological, chronic pain

in addition to deteriorating quality of life, the available research literature shows that the long-term presence of painful physical leads to co-morbidity of mental and psysical disease. (3).

Numerous studies show that chronic illnesses can reduce marital adjustment due to sexual, emotional and communication problems in couples (17,18).

Therefore, considering the importance of marital quality and its impact on various aspects of women's lives, especially sexual self-esteem, it explains the role of marital and sexual variables in women's psychological adjustment to disease, especially in patients with chronic pain. little research has focused on the importance of couple and sexual variables in these patients especially on women in Iran. Therefore, it seeks to respond the question "whether sexual self-esteem can mediate the relationship between the quality of marital relationships and Psychological Compatibility to the disease in women with chronic pain"?

This research is a descriptive-analytic study of correlation type.

population of the present study was all women with chronic pain referred to orthopedic centers in Ardabil.

Due to the uncertainty of the statistical population, 200 people were randomly selected by available sampling method.

Married, willingness to participate in research, having chronic pain at the doctor's discretion were one of the criteria for inclusion in the study.

by Busby & et al

Feghhi , et al(6). After the changes, the validity of the questionnaire was performed by 10 respected professors and in 20 patients with type 2 diabetes, its reliability was 0.94 by using Cronbach's alpha. (6).

Based on the describing demographic variables results, the mean age of respondents was 33.37± 9.09 years. Among them 179 (%89.5) were married and 21 (%10.5) were single.0.17% of the respondents were with undergraduate education, 54.5% with diploma and postgraduate education, 18.5% with bachelor's degree and 0.10% with master's degree and above.

Table 1. Mean and standard deviation and indicators of distribution of scores skewness and elongation presented in variables

Table 2. Correlation matrix of Psychological Compatibility , Marital quality, Sexual self-esteem

**P<0/01 1. Psychological Compatibility 2. Marital quality 3. Sexual self-esteem

The most important is the limited sample of the study to women with chronic pain in Ardabil, Which limits the generalization of the research results to other cities and patients and men..

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Revision (1)

Here, you can see the **Reviewers**, **Associate Editors** and **EICs'** comments from the beginning to the end of the revision process.

REFEREE: Reviewer | **Revision** (1) 16 Nov 2020

Dear AE,
I reviewed this article and the authors can see my comments. This article will printable with minor revision.
Thanks.

REFEREE: Reviewer | **Revision** (1) 19 Nov 2020

Dear AE,
- The English translation of the manuscript is very poor and has made the content incomprehensible in some parts.
- There is a need to review the findings.
- Some corrections are also needed, which are mentioned in the text of the uploaded file.
Thanks.

REFEREE: Associate Editor | **Revision** (1) 24 Nov 2020

Dear EIC,
Based on our reviewers' comments the manuscript needs some revisions. The authors should pay attention to attached files our reviewers provide two files for them, then correct it and resubmit.
Thanks

REFEREE: EIC | **Revision** (1) 24 Nov 2020

Dear Author,
Please pay attention to all comments of two attached files and revise your manuscript based on our reviewers and resubmit.
Thank you very much.

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Revision (2)

Reply to Reviewers

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You can read the authors' responses to the reviewers' comments in the next page.

Results: The findings revealed a significant positive relationship between marital quality and sexual self-esteem with Psychological Compatibility. Also, significant positive relationships were found between marital quality and sexual self-esteem (r= 0/48) (P<0/01). Also, significant positive were shown between marital quality (r= 0/49) (P<0/01) and sexual self-esteem (r= 0/60) (P<0/01) with psychological Compatibility. Finally, sexual self-esteem mediates the relationship between marital quality and psychological compatibility (β = 0/23) (P<0/01).

This study was conducted on 200 women with chronic pain referred to orthopedic centers in Ardabil City, who were selected using available sampling method.

In this research, the form of 14 questions has been used.

The collected data were analyzed in SPSS 25 and Amos 24 software. Data were analyzed using descriptive statistics (mean and standard deviation), Pearson correlation coefficient with the significance level of p < .001, and multiple linear regression analysis

Based on the describing demographic variables results, the mean age of respondents was 33.37± 9.09 years. Of these, 179 (%89.5) were have children and 21 (%10.5) were have no children. Regarding education 17% of the respondents were with undergraduate education, 54.5% with diploma and postgraduate education, 18.5% with bachelor's degree and 10% with master's degree and above.

variable	mean	SD	minimum	maximum	skewness	Elongation
Marital quality	58/68	7/68	18	64	0/42	0/19
Psychological Compatibility	123/53	17/74	32	160	0/19	0/79
Sexual self-esteem	213/79	36/68	103	395	0/17	0/52

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Revision (2)

Here, you can see the **Reviewers**, **Associate Editors** and **EICs'** comments from the beginning to the end of the revision process.

REFEREE: EIC | **Revision** (2) 29 Nov 2020

Dear Author,
Your article is reviewed by the reviewers carefully. According to their comments, this document needs minor revision. Please follow their comments as requested.
Thanks.

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Revision (3)

Reply to Reviewers

Ideally, the reviewing process can significantly improve the submitted manuscripts by allowing the authors to take into account the advice of reviewers. Author(s) must reply to all reviewers' comments in a separate Word file, point by point. A "**Reply to Reviewers**" document is submitted along with revised manuscript during submission of revised files, summarizing the changes that the authors made in response to the reviewers' comments. The responses to reviewers' comments specifies how the authors addressed each comment the reviewers made.

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کل متن ویرایش مجدد شد

.This study was conducted on 200 women with chronic pain referred to orthopedic centers in Ardabil City, who were selected using available sampling method.

In this research, the form of 14 questions has been used.

This questionnaire was developed by Zinah and Schwarz in 1996 and translated by Karami and Mohammadifar. This questionnaire has a six-part Likert scale for answering and includes 5 subscales of skill and experience, attractiveness, control, ethical judgment and adaptability. It contains 81 questions that measure women's emotional responses to their mental assessments of sexual thoughts, feelings, and behaviors. High scores indicate higher sexual self-esteem and lower scores indicate lower sexual self-esteem. The reliability of this tool has been reported by calculating Cronbach's alpha in several studies between 0.84 and 0.90 (13).

The collected data were analyzed in SPSS 25 and Amos 24 software. Data were analyzed using descriptive statistics (mean and standard deviation), Pearson correlation coefficient with the significance level of p < .001, and multiple linear regression analysis

Based on the describing demographic variables results, the mean age of respondents was 33.37± 9.09 years. Of these, 179 (%89.5) were have children and 21 (%10.5) were have no children. Regarding education %17 of the respondents were with undergraduate education, %54.5with diploma and postgraduate education, %18.5with bachelor's degree and %10with master's degree and above.

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Revision (3)

Here, you can see the **Reviewers**, **Associate Editors** and **EICs'** comments from the beginning to the end of the revision process.

REFEREE: EIC | **Revision** (3) 14 Dec 2020

Dear Author,
Thank you for revising your manuscript, current format is acceptable.
With regards.