IJ Psychiatry and Behavioral Sciences
Volume 18 · Issue 4 · e148594

OPEN PEER REVIEW

Effectiveness of Self-care Support Program on the Quality of Life and Resilience of Family Caregivers of Stroke Patient; A Randomized Controlled Trial

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SUBMITTED	REVISED	ACCEPTED	DOI
17 May 2024	27 Oct 2024	3 Nov 2024	10.5812/ijpbs-148594

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.

More about open peer review: brieflands.com/knowledgebase/opr

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1 Original submission

6 comments · 8 Jun 2024 – 20 Jul 2024

Referee 1 Reviewer

MINOR REVISION 8 Jun 2024

A comment was added to the manuscript text.

Azim Azizi Reviewer

MINOR REVISION 10 Jun 2024

Hello. Thank you for your good article. Please make the necessary corrections indicated in the text.

Referee 2 Reviewer

MINOR REVISION 7 Jul 2024

Please see my comments and suggested corrections in the attached file.

Referee 3 Reviewer

MAJOR REVISION 14 Jul 2024

Thank you for your time and effort in writing the manuscript. Please find my comments below.

Comment 1: Is it possible to summarize the title? It seems that it is too long.
Comment 2: In the abstract, the results section does not provide information on the specific statistical tests or models used to compare the two groups, especially effect sizes and p-values, etc.
Comment 3: Is the study registered on IRCT's site?
Comment 4: What is your justification for the calculated sample size? Please cite the reference papers.
Comment 5: Please explain the statistical analysis section in detail according to the main aims of your study.
Comment 6: Regarding the title, the main purpose of the study is to compare the two groups (control and intervention) in terms of Quality of Life and Resilience. What is the reason for using the SEM model?
Comment 7: To compare two groups while adjusting for the effects of potential confounders, including baseline measurements, the ANCOVA (or MANCOVA here) model is more appropriate. Then, please report the parameter estimates from this model, such as coefficients, 95% confidence intervals, and p-values, and interpret them completely.
Comment 8: Please check the homogeneity of regressions or parallelism assumptions in the ANCOVA model.
Comment 9: The presented results need full corrections and are not consistent with the title and objectives of the study.
Comment 10: In Tables 2-4, please compare the baseline and follow-up values (or their differences) between the two groups and report them completely.
Comment 11: Please report the scores for each questionnaire and its subscales in the method section.
Comment 12: A complete interpretation of the statistical tests or models is not provided.

Associate Editor

MINOR REVISION 18 Jul 2024

Your paper has been evaluated by external peer reviewers. Please revise your paper according to the reviewers' comments. I would appreciate it if you could make the revisions as soon as possible using the Track Changes mode in MS Word and colored text.

Editor-in-Chief

MINOR REVISION 20 Jul 2024

Thank you for submitting your manuscript for consideration for publication in the Iranian Journal of Psychiatry and Behavioral Sciences. Your paper has been evaluated by external peer reviewers. Please make your revisions according to the reviewers' comments.

After revision, authors are obliged to upload a Word file containing the reviewers' comments and their replies to all comments, one by one.

Besides, please pay attention to the word count limitation:
Word count limits are declared in this link: http://kowsarpub.com/en/index.php/services/for-authors/895-word-count

We look forward to receiving your revised manuscript. Thank you for sending your work to the Iranian Journal of Psychiatry and Behavioral Sciences. The full manuscript file must be highlighted to indicate revised texts.

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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.

Response to the First Reviewer		
Response	Comment	Row
Answered at the end of the Methods section of the abstract and highlighted.	The statistical test should be stated (page 1).	1
Answered in the Results section of the abstract and highlighted.	Please present the data related to the two groups (page 1).	2
On page 5, in the research method section, the research method was fully corrected and highlighted.	The Methods is well written, but please pay attention to the order of the material and some items and revise them: type of study; year and place; sample size determination (please state its calculation); sampling method; matching; study groups; inclusion and exclusion criteria; please state how many instruments you used, then the name of each instrument and, in order, a brief description of them (number of questions; domains, if it has domains; their scoring method; validity and reliability; its original reference and the reference used in Iran); a full description of the intervention presented with a table and references for the content; data collection method; blinding; ethical compliance; data analysis method and the reason for using each test. And the city, country and hospital should be stated (page 5).	3
Corrected and highlighted at the end of the Methods in the statistical analysis section.	State for what reason each statistical test was used (page 10).	4
The beginning of the Discussion was corrected and highlighted.	Please devote the first paragraph of the Discussion to a summary of the main findings (page 12).	5
Answered at the end of the Discussion and highlighted.	The limitations of the study should be stated, then close the Discussion by answering the main question (page 15).	6
At the end of Implication it was added and highlighted.	Suggestions for future research in this field should be stated (page 15).	7

It was stated in the Acknowledgments section and highlighted.	In this section, please state the thesis code, ethics code and project code; if it is a thesis, the name of the university, faculty, field and degree level (page 15).	8

Reviewer 1: Comments were provided in the text of the manuscript.

Reviewer 2:

The article is within the scope of the journal and the title reflect the content appropriately..

Response to the Second Reviewer		
Response	Comment	Row
Done on page 1 and highlighted.	Page 1: Present the statistical data at the end of the Results.	1
Done on page 7 and highlighted.	Page 7: The hypothesis should be stated at the end of the statement of the problem.	2
Done on page 8 and highlighted.	Page 8: The time period should be stated.	3
Done on page 8 and highlighted.	Page 8: The sample size formula and its reference should be stated.	4
Done on page 9 and highlighted.	Page 9: The ethics statement should be completed.	5
Done on page 9 and highlighted.	Page 9: First describe the instruments. Data collection should be moved to the end of the Methods.	6
Done on page 9 and highlighted.	Page 9: State the steps of the self-care support program in a table.	7
Done on page 14 and highlighted.	Page 14: At the beginning of the Discussion, it should be stated what you have achieved.	8
Done on page 14 and highlighted.	Page 14: The P value should be stated.	9

Done on page 18 and highlighted.	Page 18: In the suggestions, a stronger study than your own should be stated.	10
Done on page 18 and highlighted.	Page 18: The application of the findings should be completed.	11
Done on page 19 and highlighted.	Page 19: In the Acknowledgments section, the supporting organization should be thanked.	12

Reviewer 3: Hello. With thanks for your good article, please make the required corrections that are given within the text.

Response to the Third Reviewer		
Response	Comment	Row
Done in the title of the article and highlighted.	The following title seems to be more accurate: "Effectiveness Self-Care Support Program on the Quality of Life and Resilience of family caregivers of Stroke Patient ; A Randomized controlled trial"	1
Done in the Methods of the abstract and highlighted.	What did you do with the control group?	2
Done in the Methods of the abstract and highlighted.	Write the full name of the tool instead of the abbreviation.	3
Done in the Methods of the abstract and highlighted.	Write the full name of the tools instead of the abbreviation.	4
Done in the keywords and highlighted.	A list of three to five keywords should be included below the abstract in alphabetical order, and should be taken from those recommended by the US National Library of Medicine's Medical Subject Headings (MeSH) browser list. You can use the following address: http://www.ncbi.nlm.nih.gov/mesh/	5
Done on page 5 and highlighted.	Psychiatric disorders	6
Done on page 5 and highlighted.	Do not use abbreviation.	7
Done on the page and highlighted.	What did you do with thecontrol group?	8
Done on page 6 and highlighted.	Please describe the psychometric properties of the original, as well as the Persian Version of the Barthel Index.	8
Done on page 6 and highlighted.	Please describe the psychometric properties of the Persian Version of theSS-QOL.	9

Done on page 13 and highlighted.	Only common abbreviations may be used without definition. Terms appearing frequently (three or more times) within a paper may be abbreviated, but should be spelled out at first citation, with the abbreviation following in parentheses.	10
Done on page 15 and highlighted.	Please use abbreviated name of the journals according to MEDLINE database. You also may find abbreviations on the Wikipedia website. - If it is needed to reference a journal article written by more than six authors, should be listed six authors names followed by "et al. ". This matter has not been considered in this paper. - You should mention the language of non-English (e.g. Persian) references in parenthesis too. - Add the DOI of all the articles at the end of them. - At the end of the references that are books, in addition to the name of the publisher, write the city of the place of publication.	11

Reviewer 4:

Please see my comments and suggested corrections in the attached file.

Reviewer 5:

With thanks and appreciation for your time and effort in writing the manuscript. Please find my comments

below.

Response to the Fifth Reviewer		
Response	Comment	Row
Corrected in the title section and highlighted.	*Comment 1: Is it possible to summarize the title? It seems that it is too long.*	1
Corrected in the Results section of the abstract and highlighted.	*Comment 2: In the abstract, the results section does not provide information on the specific statistical tests or models used for comparing between two groups, especially effect sizes and p-value, etc.*	2
Corrected in the ethics statement section on page 10.	*Comment 3: Is the study registered on IRCT's site?*	3
Corrected in the sample size section on page 5 and highlighted.	*Comment 4: what is your justification for the calculated sample size? Please cite the reference papers.*	4
The statistical analysis was corrected on page 10 and highlighted.	*Comment 5: Please explain the statistical analysis section in detail according to the main aims of your study.*	5
Presented and corrected in the Results section on page 11, and the tables were completed. The model SEM was removed; the table related to this model was also removed.	*Comment 6: regarding the title, the main purpose of the study is to compare two control and intervention groups in terms of Quality of Life and Resilience. What is the reason for using the SEM model?*	6
Corrected in the relevant Tables 1 to 4 and highlighted.	*Comment 7: To compare two groups by adjusting the effect of potential confounders including baseline measurements, the ANCOVA (or MANCOVA here) model is more appropriate. Then, please report the parameter estimate results from this model such as coefficients, 95% confidence intervals, and p-values, and interpret them completely.*	7
Homogeneity was checked and corrected in Tables 2, 3 and 4.	*Comment 8: Please check the homogeneity of regressions or parallelism assumptions in the ANCOVA model.*	8
Corrected in the Results section and highlighted.	*Comment 9: The presented results need full corrections and are not consistent*	9

	with the title and objectives of the study.	
Corrected in the tables section and highlighted.	*Comment 10: In Tables 2-4, please compare the baseline and follow-up values (or their differences) between the two groups and report them completely.*	10
In the instruments section, all 4 instruments were corrected and highlighted.	*Comment 11: please report the scores for each questionnaire and its subscales in the method section.*	11
The correction was made in the statistical analysis section and highlighted.	*Comment 12: Interpretation of statistical tests or models is not provided completely.*	12

2 Revision 1

2 comments · 27 Sep 2024 – 27 Sep 2024

Associate Editor

MINOR REVISION 27 Sep 2024

The corrections requested by the reviewers have been made. But the manuscript is too long. Please summarize the manuscript according to the journal's instructions for authors.

Editor-in-Chief

MINOR REVISION 27 Sep 2024

Thank you for your recent revisions.
Your paper has now been evaluated again. According to the associate editor’s comments, it needs some more revisions. Please make your revisions according to these comments.

3

Revision 2

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.

Reply to **Associate Editors of IJPBS:**

The Manuscript Was summarized according to the instructions for authors of the journal.

3 Revision 2

1 comment · 8 Oct 2024

Editor-in-Chief

MINOR REVISION 8 Oct 2024

Thanks for summarizing the article. But still, the length of the article is about twice the journal's standard. Please pay attention to the word count limit: The word count (including references and title page) should not be more than 3500 words. For original articles, the maximum number of references is 55, and the maximum number of illustrations/tables is 5.

4

Revision 3

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.

Response to reviewer:

Suggestion	Response
There are 2 Tables as “Table 1”, please edit the numbering of tables.	Was corrected
The Figure 1 is not available, the figure should be uploaded.	Added
In "Authors' Contribution," the first and last name of authors must be written only by capital letters of an abbreviation like S.M.	Was corrected

4 Revision 3

2 comments · 3 Nov 2024 – 3 Nov 2024

Associate Editor

ACCEPT 3 Nov 2024

It is hereby confirmed that after scientific and internal evaluation, the above manuscript is suitable for publication in the IJPBS in my opinion.

Editor-in-Chief

ACCEPT 3 Nov 2024

We have completed our review of your manuscript and are pleased to inform you that it is considered for publication in the IJPBS. Note that the publication of your article will only be finalized upon your cooperation in the editorial process.
Thank you for your fine contribution. On behalf of the Editors of IJPBS, we look forward to your continued contributions to the Journal.