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OPEN PEER REVIEW

The Effectiveness of Acceptance and Commitment Therapy on Emotion Regulation, Behavioral Symptoms, and Academic Performance of Children with Attention Deficit/Hyperactivity Disorder

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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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1 Original submission

2 comments · 12 Feb 2024 – 12 Feb 2024

Associate Editor

MAJOR REVISION 12 Feb 2024

Major Revision

Editor-in-Chief

MAJOR REVISION 12 Feb 2024

Major Revision

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.

Dear Editor,

Thank you for your valuable and useful comments and suggestions. We have modified the manuscript accordingly. Revised sections are highlighted in the article and detailed corrections are listed below point by point:

Reviewer 1:

At the beginning of the abstract section, the goals and necessity of the study were presented with two sentences.

The material presented about data analysis in the abstract section was modified.

In the last paragraph of the introduction section, we presented some information about the necessity and objectives of the study.

Explanations related to the ethical approval of the present study were provided by the university's ethics committee at the end of the study.

The data analysis section is more complete.

In the first part, we presented the results of the demographic characteristics of the research sample.

We presented the limitations of the research in the discussion section.

Reviewer 2:

The research method was modified in the abstract and methods sections.

The statistical population was modified in the abstract section: The study population consisted of all primary school students with ADHD aged 7-11, as well as their mothers, in Amol in 2021.

The name of the intervention program was mentioned as an abbreviation in the abstract.

We used simple random allocation.

The presentation of the results in the abstract section was modified.

“ADHD disorder” was corrected in the conclusion section.

At the beginning of the introductory section, statistics on ADHD were reported.

Ambiguous sentences were rewritten in the introduction section.

Added missing reference to introduction section.

In the method section, the location of the study was modified.

The method of randomization of participants was explained in the method section.

The sample size needed was calculated based on a test power of 0.80, an effect size of 0.40, and a confidence level of 0.95, which led to 15 participants in each group.

The exclusion criteria were reported in the methods section: The exclusion criteria included autism spectrum disorder or intellectual disability in ADHD children, chronic mental health conditions, and missing more than two intervention program sessions.

Adaptive and maladaptive emotion regulation strategies were explained in the Instruments section.

The range of CAARSS:S scores and its interpretation were explained in the method section.

The description of Educational Performance Test was modified.

More details about the implementation of the intervention program were reported in the method section.

Some demographic variables of the participants were presented in the abstract section.

Pairwise comparison of means was presented in Table 2.

F and P values in the ANCOVA results were reported.

Written errors were corrected in the discussion section.

Added missing reference to Discussion section.

We added the study limitations section to the article.

Best regards

2 Revision 1

2 comments · 26 Feb 2024 – 26 Feb 2024

Associate Editor

MINOR REVISION 26 Feb 2024

Minor Revision

Editor-in-Chief

MINOR REVISION 26 Feb 2024

Minor Revision

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.

Dear Editor,

Thank you for your valuable and useful comments and suggestions. We have modified the manuscript accordingly. Revised sections are highlighted in the article and detailed corrections are listed below point by point:

Reviewer 2:

In the data analysis section, the method of comparing the variables in the experimental and control groups was mentioned.

Descriptive statistics were also mentioned in the data analysis section.

P-values were reported in the descriptive findings section.

The sample size reference was provided in the method section.

ADHD was added to the keywords.

Best regards

3 Revision 2

2 comments · 6 Mar 2024 – 6 Mar 2024

Associate Editor

ACCEPT 6 Mar 2024

Accept

Editor-in-Chief

ACCEPT 6 Mar 2024

Accept