




Effectiveness of Neurofeedback Therapy on Emotional Processing, Irrational Beliefs, and Aggression in Female Patients with Generalized Anxiety Disorder


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1. Round 1

1.1. Reviewer 1

Reviewer:

Expand on the socio-economic impact of GAD, specifically in Iran, referencing local studies or statistics to underline the significance of addressing this disorder in the specific context.

Clarify why a non-random purposive sampling method was chosen over random sampling, which could potentially limit the generalizability of the study findings.

Provide more detail about the neurofeedback protocol used, such as the specific brain regions targeted, frequency of waves, and type of feedback (visual or auditory), to allow for replication and understanding of the intervention's mechanism.

Include effect sizes for the main findings to aid in the interpretation of the clinical significance of the neurofeedback therapy outcomes.

Enhance the discussion around the neurobiological mechanisms potentially responsible for the observed changes in emotional processing and irrational beliefs, referencing current neuroscientific research.

Discuss the implications of having a solely female sample and how the findings might differ with a more diverse gender representation.

Response: Revised and uploaded the manuscript.

1.2. Reviewer 2

Reviewer:

Integrate more recent studies to frame neurofeedback within the broader context of GAD treatments, noting any advances in the field since the cited works.

Elaborate on activities or lack thereof for the control group to address potential placebo effects. Detail any engagement or neutral activities they participated in during the intervention period.

Improve the clarity of the tables by adjusting the layout or design for better readability and immediate understanding. Consider adding graphical representations of the data for visual impact.

Provide more detailed analysis of follow-up data, potentially adding a separate section discussing the stability of treatment effects over time.

Compare the efficacy of neurofeedback therapy with other non-invasive treatments for GAD to position your findings within the existing treatment landscape.

Expand on ethical considerations, particularly addressing any potential risks associated with neurofeedback therapy and how these were mitigated.

Include or describe any supplementary material that might assist in deeper understanding or replication of the study, such as session recordings or additional statistical analyses.

Response: Revised and uploaded the manuscript.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.