

Review Form2

Book Name:	Medicine and Medical Research: New Perspectives
Manuscript Number:	Ms_BPR_2191
Title of the Manuscript:	Behavioral Activation Therapy in the Treatment of Depression: Effectiveness, Advantages, and Improvements
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.		
Are subsections and structure of the manuscript appropriate?		
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?		
Optional/Generalcomments	Behavioral Activation Therapy in the Treatment of Depression: Effectiveness, Advantages, and Improvements Reviewer Report Summary: The article discusses the effectiveness and applications of Behavioral Activation Therapy (BAT) intreating depression across various contexts, including mobile health applications and virtual reality-based interventions. While the article highlights the potential benefits of BAT, it also acknowledges several limitations and areas that require further research and development. Originality: The research explores novel applications of BAT in mobile health and virtual reality contexts. Importance and Broad Interest: The topic of BAT for depression holds high importance and broad interest for researchers, engineers, and clinicians in the digital health field. Depression is a prevalent mental health issue, and the potential for technology-based interventions, such as mobile health and virtual reality applications, presents promising opportunities for treatment and management. The research aligns with the growing interest in digital health solutions and their potential impact on mental healthcare. Methodological Rigor: The report does not provide adequate information to assess the methodological rigor in the research. Details on the study design, sample size, data collection methods, and analysis techniques are crucial to determine the robustness of the methodology. Additionally, information on participant consent, data privacy, and potential risks, is necessary to evaluate the study's adherence. Evidence for Conclusions: The research lacks sufficient data on the long-term efficacy of BAT in the studied contexts. Moreover, there is inadequate research specifically on VR-based BAT interventions. These limitations suggest that more substantial evidence is required to support the conclusions drawn in the article. Further studies with larger sample sizes, longer follow-up periods, and rigorous evaluation of VR-based BAT are necessary to strengthen the evidence base. Utility and Accessibility: The article discusses the potential applications of BAT in various settings, indicating its utility for the broader community. However, the report does not provide sufficient information on the accessibility of the interventions. Factors such as cost, technical requirements, and user-friendliness are essential considerations for assessing the accessibility of digital health interventions. More details on these aspects would be necessary to determine the practical utility and accessibility of the BAT applications discussed in the research. Adherence to Open Science Practices: The report lacks information on the article's adherence to open science practices. Open science encompasses principles such as data accessibility, transparency, and reproducibility. Without details on data sharing policies, code availability, and other open science practices followed in the research, it is challenging to assess the article's alignment with these standards. Providing information on these aspects would enable a more comprehensive evaluation of the research's adherence to open science practices.	

Review Form2

	Major issues: 1. Limited evidence on long-term efficacy: The article lacks substantial data on the long-term effectiveness and sustainability of BAT in preventing relapse. 2. Insufficient personalization in mobile health applications: Current BAT-based mobile apps need more personalized and adaptive features to enhance user engagement and effectiveness. 3. Limited research on VR-BAT: Although promising, there is a scarcity of large-scale, multi-center randomized controlled trials to firmly establish the efficacy of virtual reality-based BAT. Minor issues: 1. Lack of integration with the formal medical system: The article does not adequately address the need for better integration and oversight from healthcare professionals in mobile health applications for BAT. 2. Cultural adaptations: The article could benefit from a more in-depth discussion on the need for cultural adaptations of BAT to suit diverse populations and settings. 3. Limited information on cost-effectiveness: While mentioned briefly, the article does not provide comprehensive cost-effectiveness analyses of implementing BAT in various settings. Conclusion The research article reveals several areas that require further information and improvement. While the topic holds importance and broad interest, the report lacks sufficient details to assess the methodological rigor, and adherence to open science practices comprehensively. The evidence presented in the article has limitations, and more substantial research is necessary to support the conclusions. Additionally, information on the accessibility and practical utility of the BAT applications is needed to gauge their potential impact on the broader community. Addressing these aspects would strengthen the quality and credibility of the research.	
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PART 2:

	Reviewer’s comment	Author’s comment(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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Department, University & Country	US