

Review Form 1.7

Journal Name:	Asian Journal of Orthopaedic Research
Manuscript Number:	Ms_AJORR_110304
Title of the Manuscript:	Application of Acceptance Commitment Therapy in Patients after Amputation
Type of the Article	

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PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, the manuscript is important for scientific community</p> <p>The tile of the article has to be rephrased as “Enhancing Psychosocial Well-being: The Application of Acceptance and Commitment Therapy in Patients Following Amputation”</p> <p>The abstract is not comprehensive. Therefore, it is better to rephrase as the following.</p> <p>Objective: This study aims to examine the impact of Acceptance and Commitment Therapy (ACT) on individuals post-amputation.</p> <p>Methods: A total of 100 post-amputation patients admitted to the Department of Traumatic Hand and Foot Surgery at X Hospital between October 2022 and April 2023 were selected using a convenient sampling method. Through random assignment, participants were divided into a control group and an experimental group (50 participants each). The control group received standard nursing care, while the experimental group underwent Acceptance and Commitment Therapy. Pre-intervention and post-intervention assessments, at three and six months, included evaluations of psychological flexibility, stigma, and disability acceptance.</p> <p>Results: Forty-eight participants in the control group and 47 in the experimental group completed the study. Following the intervention, the experimental group exhibited significantly lower scores on the Acceptance and Action Questionnaire (AAQ-II) and Social Impact Scale (SIS) compared to the control group (P < 0.05). Disability acceptance, measured by the Acceptance of Disability Scale-Revised (ADS-R), was higher in the intervention group, and the difference was statistically significant (P < 0.05). Acceptance and Commitment Therapy demonstrated efficacy in enhancing mental flexibility, fostering disability acceptance, and reducing stigma post-amputation.</p> <p>Conclusion: Acceptance and Commitment Therapy proved effective in enhancing psychological flexibility, promoting disability acceptance, reducing stigma, and facilitating reintegration into society among post-amputation patients.</p> <p>Yes</p> <p>Yes</p> <p>The references cited are relevant and contribute to the contextualization of the study. The inclusion of both international and Chinese sources enriches the literature review.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language needs to be checked before publication, as there are flaws in articulating the ideas into academic language.</p>	

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<p>Optional/General comments</p>	<p>The article is well-structured, with a clear research question, robust methodology, and sound statistical analysis. The results are presented logically and are well-supported by the data collected. The discussion appropriately integrates the findings into the existing literature. However, further clarification on the reasons for patient exclusion and potential limitations of the study would strengthen the overall scientific rigor. The article's practical implications for nursing interventions in post-amputation care and the potential for future research are well-articulated.</p> <p>1. Introduction: Strengths:</p> <ul style="list-style-type: none">• The introduction effectively outlines the problem, emphasizing the increasing prevalence of physical disabilities in China.• The rationale for choosing ACT is well-founded. <p><i>Recommendations:</i></p> <ul style="list-style-type: none">• Provide a brief overview of the existing literature on psychological challenges post-amputation in the Chinese context to establish the gap more explicitly.• Consider including a concise statement about the specific aims of the study to guide the reader. <p>2. Methods:</p> <p>2.1 Research Design: Strengths:</p> <ul style="list-style-type: none">• The three-phase conceptualization is well-structured.• The randomized control trial design is appropriate. <p><i>Recommendations:</i></p> <ul style="list-style-type: none">• Clarify the rationale for choosing a randomized control trial over other designs.• Provide a brief explanation of the theoretical framework guiding the study. <p>2.1.2 Intervention Methods: Strengths:</p> <ul style="list-style-type: none">• The detailed description of the ACT intervention is comprehensive.• The inclusion of mindfulness practices is commendable. <p><i>Recommendations:</i></p> <ul style="list-style-type: none">• Consider providing a more detailed rationale for the selection of specific intervention components.• Include information on therapist training and fidelity monitoring to ensure consistency. <p>2.3 Statistical Methods: Strengths:</p> <ul style="list-style-type: none">• The use of appropriate statistical tests is commendable.• The clarity in reporting statistical significance is beneficial. <p><i>Recommendations:</i></p> <ul style="list-style-type: none">• Provide a brief justification for choosing SPSS over other statistical software.• Include a statement about handling missing data, especially in the context of patient exclusions. <p>3. Results:</p> <p>3.2 Comparison of Baseline Scores: Strengths:</p> <ul style="list-style-type: none">• The presentation of baseline scores provides a clear understanding of group comparability.• The use of statistical tests enhances the credibility of the findings. <p><i>Recommendations:</i></p> <ul style="list-style-type: none">• Consider providing a brief discussion on the clinical significance of the baseline scores. <p>3.3-3.5 Comparison of Scores: Strengths:</p> <ul style="list-style-type: none">• Clear presentation of results with statistical significance.• The findings align with the study objectives. <p><i>Recommendations:</i></p> <ul style="list-style-type: none">• Include effect sizes along with statistical significance for a more comprehensive interpretation.• Discuss any unexpected findings or limitations that might impact the generalizability of the results. <p>4. Discussion: Strengths:</p> <ul style="list-style-type: none">• The discussion effectively interprets the results in the context of existing literature.• The implications for practice and future research are well-articulated. <p><i>Recommendations:</i></p> <ul style="list-style-type: none">• Elaborate on the potential mechanisms through which ACT brings about changes in psychological flexibility, stigma, and disability acceptance.	
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	<ul style="list-style-type: none"> Discuss the limitations of the study more explicitly and propose ways to address them in future research. <p>5. Conclusion: Strengths:</p> <ul style="list-style-type: none"> The conclusion effectively summarizes the key findings. The acknowledgment of time constraints and the call for further long-term studies enhances transparency. <p><i>Recommendations:</i></p> <ul style="list-style-type: none"> Consider briefly summarizing the main implications of the study for clinical practice and policy. <p>Overall Recommendations:</p> <ol style="list-style-type: none"> Strengthen the rationale for the study by providing a concise overview of existing literature. Clarify the choice of research design and provide a brief explanation of the theoretical framework. Offer a more detailed justification for the selection of specific intervention components and include information on therapist training. Provide a brief discussion on the clinical significance of baseline scores. Include effect sizes in addition to statistical significance. Discuss any unexpected findings or limitations more explicitly. Elaborate on potential mechanisms underlying the effectiveness of ACT. Summarize the main implications of the study for clinical practice and policy in the conclusion. <p>The article is recommended for publication after addressing and incorporating the above suggestions in the manuscript.</p>	
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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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