

[Review Form 2](#)

Book Name:	<u>Assessing the Effectiveness of Selected Short Films as a Medium for Gain in Knowledge and Change in Practices Regarding Menstrual Health and Hygiene Amongst the Adolescent Girls Studying in Government Schools of Vadodara City (2022-2023)</u>
Manuscript Number:	Ms_BPR_2790
Title of the Manuscript:	<u>Assessing the Effectiveness of Selected Short Films as a Medium for Gain in Knowledge and Change in Practices Regarding Menstrual Health and Hygiene Amongst the Adolescent Girls Studying in Government Schools of Vadodara City (2022-2023)</u>
Type of the Article	Complete Book

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Yes, it is important to the scientific community, but some corrections are needed in the manuscript. The introduction lacks comprehensive details about the current state of menstrual health awareness in the region or similar studies conducted globally. A deeper explanation of the cultural taboos and specific knowledge gaps would provide a stronger context for why this research is important.	
Is the title of the article suitable? (If not please suggest an alternative title)	I think it's appropriate as a 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.	I think it's appropriate	
Are subsections and structure of the manuscript appropriate?	<ol style="list-style-type: none"> 1. Limited Sample Size and Scope: The sample size of 110 adolescent girls, while reasonable for exploratory studies, is small for making broader generalizations about the effectiveness of short films in different contexts, including various cultural or socioeconomic backgrounds. Expanding the sample size to include a more diverse population across different regions could strengthen the validity of the findings. - Purposive Sampling: This method limits the randomness of the sample, which could introduce biases. A randomized sampling method would provide a more representative sample of adolescent girls, leading to more generalizable results. 2. Questionnaire Design: The questionnaire includes open-ended, close-ended, and multiple-choice questions, but the design is not fully detailed. Lack of clarity regarding how these different types of questions were balanced or validated could raise questions about the consistency and reliability of the data. Validation and pretesting of the questionnaire should have been described more explicitly. 3. Pre-Post Experiment Method: The effectiveness of short films was measured by a pre-post intervention, but the manuscript does not mention how long after the intervention the post-test was conducted. A longer-term follow-up could provide insights into whether the knowledge gain and change in practices were sustained over time. 4. While frequency and percentage distributions, correlation tests, and Mann-Whitney U tests were used, these analyses do not provide a comprehensive view of the relationships between variables. Incorporating multivariate statistical techniques could help identify significant predictors of knowledge gain and behavioral change. 5. The study found some significant gains in knowledge (e.g., 50.9% gain in knowledge after watching the short films), but also noted areas where knowledge was lacking, such as premenstrual syndrome and hygiene practices. These inconsistencies are not thoroughly discussed or explained. The manuscript could benefit from a more critical analysis of why certain aspects of menstrual health were less well understood. 6. The discussion focuses largely on reiterating the results without critically engaging with existing literature or suggesting implications for future research or policy. A stronger connection to prior studies on audiovisual interventions in menstrual health would enhance the academic rigor of research. 7. The limitations of the study, such as potential biases from purposive sampling, the relatively short follow-up period, and the lack of control groups, are not discussed. Addressing these limitations would improve the transparency. 	

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	and integrity of the research	
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 minimum of 3-4 sentences may be required for this part.	- Terms like "gain knowledge" and "desire to change practices" are used, but they are not consistently or clearly defined throughout the manuscript. Using precise and consistent terminology would help the reader better understand the study's findings and significance	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	<input type="checkbox"/> There are several grammatical errors, awkward sentence structures, and inconsistent tense usage throughout the manuscript. For example, in the abstract, the sentence "50.9 percent of them had gain more knowledge" should be corrected to "50.9 percent of them had gained more knowledge." <input type="checkbox"/> Some typographical errors, like the inconsistent use of periods and commas, affect the readability of the text.	
Optional/General comments	<ul style="list-style-type: none"> • Expand Sample Size and Generalizability: Increasing the sample size and including a more diverse population of adolescent girls from various regions and backgrounds would improve the generalizability of the findings. • Enhance Statistical Rigor: Employing more robust statistical methods, such as multivariate analysis, would help identify deeper insights into factors influencing knowledge and behavioral changes. • Develop the Discussion Section: Provide a more in-depth discussion of the results in comparison to previous research. This would give the study a clearer position in the broader context of audiovisual educational interventions on menstrual health. • Address Methodological Limitations: Explicitly state the limitations, such as the sampling method and short follow-up period, to present a balanced and transparent evaluation of the study's findings. • Improve Language and Formatting: Proofread the manuscript thoroughly for grammatical and stylistic errors to enhance readability and professionalism. <p>Inconsistent Results: Lack of Contextual Comparison: While the study provides data on knowledge and practice changes, there is little comparison with similar studies. This weakens the positioning of the findings in the broader field of menstrual health and educational interventions.</p>	

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)	

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