

Review Form 3

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| Journal Name: | Journal of Advances in Medicine and Medical Research |
| Manuscript Number: | Ms_JAMMR_130539 |
| Title of the Manuscript: | Bicarbonate versus Alternative Treatments in Chemotherapy Oral Mucositis in Children: A Systematic Review of Randomized Clinical Trials |
| Type of the Article | |

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This journal’s peer review policy states that **NO** manuscript should be rejected only on the basis of ‘**lack of Novelty**’, provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: 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> |
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| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | | This systematic review addresses a critical knowledge gap, providing high-quality evidence to inform clinical practice and guideline development for the management of chemotherapy-induced oral mucositis in pediatric cancer patients. The findings contribute to the advancement of evidence-based medicine, shaping the future of pediatric oncology care. |
| Is the title of the article suitable? (If not please suggest an alternative title) | | Yes - Bicarbonate versus Alternative Treatments in Chemotherapy Oral Mucositis in Children: A Systematic Review of Randomized Clinical Trials |
| 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. | | Yes, is the abstract of the article comprehensive The abstract effectively summarizes the key findings and implications of the study. The abstract clearly conveys the study's objectives, methodology, and main outcomes. |
| Is the manuscript scientifically, correct? Please write here. | | Yes |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | | Yes |

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| Is the language/English quality of the article suitable for scholarly communications? | | Yes |
| Optional/General comments | <p>Abstract:</p> <p>Methods:Please add the keywords here Who conducted the study?please add in your methods</p> <p>Please add the reviewer number in methods part in abstract</p> <p>Keywords: Please check all your keywords in pubmed mesh</p> <p>Conclusion: Its better to start with:it seems that honey ,olive and</p> <p>Introduction part:</p> <p>Please add a paragraph for explaining the alternative medicine,indication in dentistry , needs in introduction</p> <p>Tables: How was the application form of olive oil?Mouthwash?cream?</p> <p>Please add the location/country of research as a column in your table</p> <p>Discussion part:</p> <p>Please add the limitation of your study</p> <p>What is the clinical usage and your research message for your writers?please explain as a 1paragraph at the end of discussion</p> <p>References:</p> <p>You could refer these articles in your discussion part of manuscript:</p> <p>Chamani, G., Zarei, M. R., Mehrabani, M., Nakhaee, N., Kalaghchi, B., Aghili, M., Alaei, A. Assessment of systemic effects of ginger on salivation in patients with post-radiotherapy xerostomia. <i>Journal of Oral Health and Oral Epidemiology</i>, 2017; 6(3): 130-137.</p> <p>Motamed B, Alaei A, Azizi A, Jahandar H, Fard MJK, Jafari A. Comparison of the 1 and 2% pilocarpine mouthwash in a xerostomic population: a randomized clinical trial. <i>BMC Oral Health</i>. 2022 Dec 1;22(1):548. doi: 10.1186/s12903-022-02576-6. PMID: 36457091; PMCID: PMC9713117.</p> | <p>Abstract:</p> <p>Methods: The study consists of a systematic and qualitative review using the PRISMA 2020 guidelines through a search for articles was conducted in May 2024 in the PubMed, VHL, Embase and Google Scholar databases, with the following terms in the search strategy: Mucositis AND Child AND Chemotherapy AND Clinical Trial, including clinical trials that met the eligibility criteria.</p> <p>Verified Keywords</p> <p>Conclusion: It seems that honey, olive oil and aloe vera may be a promising approach to minimizing the symptoms of this condition, as well as being more accessible and practical options for improving patients' quality of life.</p> <p>Nowadays, alternative medicine is increasingly being used in various areas of health, including dentistry. Alternative practices such as music therapy, homeopathy, aromatherapy and herbal medicine represent a set of medical care that acts as a complement to conventional treatments, providing greater well-being and quality of life to patients.</p> <p>Application forms included in the table. Country included in the table.</p> <p>One of the limitations of this study was the lack of primary studies on the subject, thus encouraging new randomized clinical trials to be developed. Such alternative practices can provide better well-being, reduce discomfort and improve the quality of life of patients during treatment.</p> |

PART 2:

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| | 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) | No, the manuscript does not involve ethical issues. |