

Review Form 3

Journal Name:	Asian Journal of Research and Reports in Endocrinology
Manuscript Number:	Ms_AJRRE_129624
Title of the Manuscript:	Advancing Vitamin D3 Therapy: The Emergence of Nano-Carrier Entrapped Vitamin D3-Oral Formulation
Type of the Article	Review Article

General guidelines for the Peer Review process:

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>
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 review article highlights the significance of Nano-Carrier Entrapped Vitamin D3-Oral Solution by summarizing its advantages over conventional vitamin D formulations. The encapsulation of vitamin D3 within nanocarriers offers improved bioavailability, enhanced stability, and potentially greater efficacy in raising vitamin D levels compared to traditional supplements. This review provides valuable insights for clinicians and researchers interested in optimizing vitamin D supplementation strategies for various health conditions	
Is the title of the article suitable? (If not please suggest an alternative title)	It seems appropriate, yes	
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.	The abstract provides a good overview of the article.	
Is the manuscript scientifically, correct? Please write here.	Overall, the manuscript appears to be scientifically correct based on the information provided	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references seem appropriate and recent	

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<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language is appropriate as well</p>	
<p>Optional/General comments</p>	<p>Strengths of the Article:</p> <ul style="list-style-type: none"> • Clearly emphasizes the prevalence of Vitamin D deficiency, particularly in India. • Effectively highlights the potential of Nano-Carrier Entrapped Vitamin D3-Oral Solution through clinical trial data. <p>Areas for Improvement:</p> <ul style="list-style-type: none"> • Redundancy: <ul style="list-style-type: none"> ○ Combine the 3rd and 4th paragraphs in the introduction to streamline information on Vitamin D deficiency in India. ○ Remove repetition within the "Features of Nano-Carrier Entrapped Vitamin D3-Oral Solution" section. • Critical Appraisal: <ul style="list-style-type: none"> ○ Include a discussion on limitations of the studies mentioned in Table I, such as sample size or potential biases. • Additional Information: <ul style="list-style-type: none"> ○ If available, incorporate data on the long-term effects of the Nano-Carrier formulation. ○ Discuss the cost-effectiveness compared to traditional supplements. ○ Address any regulatory hurdles or challenges associated with this new formulation. ○ Include a section on the potential environmental impact of nanoparticle production and disposal. • Overall Analysis: <ul style="list-style-type: none"> ○ Provide a discussion on potential limitations or challenges associated with nanotechnology-based Vitamin D formulations. • Keywords: <ul style="list-style-type: none"> ○ Include keywords like "Nanotechnology", "Drug Delivery", "Bioavailability", "Vitamin D Supplementation" to enhance discoverability. <p>Conclusion:</p> <p>By incorporating these suggestions, the article can be strengthened by providing a more balanced and critical evaluation of the Nano-Carrier Entrapped Vitamin D3-Oral Solution, while still emphasizing its potential and addressing broader considerations.</p> <p>No major ethical concerns were identified in this review article. The authors declare no competing interests.</p> <p>Based on the information provided, the authors have declared that they have no competing interests. This declaration enhances the credibility of the research.</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>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>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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