

# Review of: "Enhancing Patient-Centric Approaches and Regulatory Measures in Valproate Use"

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Potential competing interests: No potential competing interests to declare.

Enhancing Patient-Centric Approaches and Regulatory Measures in Valproate Use

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The review article entitled 'Enhancing Patient-Centric Approaches and Regulatory Measures in Valproate Use' was found to be potential in the clinical therapeutic management of valproate in neurological disorders.

On review of the proposed manuscript, it is suggested to include a systematic review and meta-analysis on the regulatory aspects with updated citations that could be helpful in the clinical therapeutic management of valproate in neurological disorders. It is also proposed to do a second thorough review of the manuscript proceeding for final submission. I appreciate the authors for addressing this challenging topic 'Enhancing Patient-Centric Approaches and Regulatory Measures in Valproate Use', which needs a thorough, extensive scientific analysis and review proposed for reconsideration.

A few specific suggestions are proposed for the implementation and improvement of the quality of the manuscript.

1. The nature of this article is not clearly reflected. Confirm whether it is a short expert comment, an expert opinion by a practitioner, or a mini review of clinical findings.
2. If this article is to be considered under mini review or review article, it is too short and lacks scientific analysis of data in this present format. Suggested to include an extensive meta-analysis and review with citations and references.
3. This article needs an extensive systematic review and meta-analysis, especially on the regulatory aspects of the topic.
4. The title of the article has to be revised and correlated with the abstract and content of the manuscript. The title of the topic should be concise, clear, and simple to reflect the ideation of the article. It is suggested to rephrase the title. It is proposed to reconsider the title as suggested "Enhancing Patient-Centric Approaches and Regulatory Measures of Valproate Use in Neurological Disorders"

5. Statement: To address the difficulties encountered by neurologists, it is crucial to emphasise the importance of a thorough and individualised assessment carried out by two experts:

Confirm the above statement and what the regulatory guideline is on this point. Suggested to cite with references.

6. Statement: By supporting a method of evaluation that considers each situation individually, we recognise the intricate complexity of medical choices. This approach highlights the significance of customised solutions that take into account the unique characteristics of patients, their medical backgrounds, and the ever-evolving body of research.

Extensive review and analysis of facts to be represented with proper citation, suggested.

7. Statement: To ensure the most effective utilisation of valproate in the treatment of neurological illnesses, a comprehensive strategy encompassing guidelines, advisories, education, and ongoing monitoring is necessary.

Suggested to carry an extensive review and meta-analysis on these topics with proper citations is recommended.

8. Statement: By incorporating these suggestions, it is possible to strike a delicate equilibrium between ensuring reproductive safety and promoting the welfare of those who rely on valproate.

The above-proposed suggestions or expert opinions ensure reproductive safety only. How about other complications such as hepatic failure and pancreatic inflammation associated with valproate therapeutic use. Confirm, elaborate on the statement, and rephrase the title if required, suggested.

9. Finally, I reserve and recommend this article for publication with thorough revision and review, as suggested.

10. Extensive review and scientific knowledge gained from the revised article 'Enhancing Patient-Centric Approaches and Regulatory Measures in Valproate Use' are worth exploring in future neurological disorders and clinical practice.