

Review of: "Echocardiographic Changes in Prevalent Hemodialysis Population Based on Cardiac Symptomatology"

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Potential competing interests: No potential competing interests to declare.

Abstract:

The abstract gives a concise summary of the study's background, methods, results, and conclusion. To enhance the key findings, it could include more detailed statistical results.

Introduction:

The introduction effectively highlights the significance of the study and the existing gap in routine screening for CV complications in hemodialysis patients.

Methods:

The methods section is comprehensive, providing a detailed description of the study design, patient selection criteria, and data collection procedures. The justification for using echocardiographic parameters is well-explained. The patient demographics and inclusion/exclusion criteria are clearly described. The division into symptomatic and asymptomatic groups is logical and well-explained.

Results:

The presentation of baseline characteristics is thorough. Detailed and well-organized laboratory analyses and echocardiographic parameters at baseline are included. While the outcomes are well-documented, the text could be more concise. Additionally, the mention of Kaplan-Meier analysis without its inclusion suggests that Kaplan-Meier survival curves should be added to the results section.

Discussion: The discussion appropriately interprets the results and links them to existing literature. However, it could better emphasize the novelty and significance of the study's findings.

Limitations and Conclusions:

Both sections are well written and require no changes.

References: The references are relevant and up-to-date, providing strong support for the study's background and discussion.

Overall Recommendation:

After a detailed evaluation, I recommend this manuscript for publication with **minor revisions**. The study addresses an important clinical issue and presents significant findings that could impact patient management. Minor revisions are suggested to enhance clarity and detail in the results and discussion sections.