

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 85909

Title: Predicting apical hypertrophic cardiomyopathy using T-wave inversion: Three

case reports

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03604107 Position: Editorial Board Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Albania

Author's Country/Territory: China

Manuscript submission date: 2023-05-22

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-05-22 16:49

Reviewer performed review: 2023-05-26 18:26

Review time: 4 Days and 1 Hour

	[] Grade A: Excellent [Y] Grade B: Very good [] Grade C:
Scientific quality	Good
	[] Grade D: Fair [] Grade E: Do not publish
Novelty of this manuscript	[] Grade A: Excellent [Y] Grade B: Good [] Grade C: Fair [] Grade D: No novelty
Creativity or innovation of this manuscript	[Y] Grade A: Excellent [] Grade B: Good [] Grade C: Fair [] Grade D: No creativity or innovation



Scientific significance of the conclusion in this manuscript	[] Grade A: Excellent [Y] Grade B: Good [] Grade C: Fair [] Grade D: No scientific significance
Language quality	[Y] Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[] Accept (High priority) [] Accept (General priority) [Y] Minor revision [] Major revision [] Rejection
Re-review	[]Yes [Y]No
Peer-reviewer statements	Peer-Review: [] Anonymous [Y] Onymous Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

It is a well written paper, with an important purpose: to draw attention into the ECG changes and their significance. Recently, the advent of a diversity of echographic and imaging studies have pushed ECG into the backstage, which is not good. Clinicians still might yield important bulk of data from ECG and electrophysiology, and this article showcases this. To raise readability, I would suggest to separate the figure 1 into three separate figures. As shown together, it is difficult to evaluate / discriminate data and graphics that are offered in a single image, overpacked there. Please separate ECG and echographic findings into three separate figures for each of the cases described. Consider omitting datas shown inside the images, because it might lead to unapproved identification of the patient(s).



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Peer-review model: Single blind

Reviewer's code: 02446043 Position: Editorial Board Academic degree: FACC

Professional title: Lecturer

Reviewer's Country/Territory: Malaysia

Author's Country/Territory: China

Manuscript submission date: 2023-05-22

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-06-30 06:02

Reviewer performed review: 2023-07-02 02:19

Review time: 1 Day and 20 Hours

	[Y] Grade A: Excellent [] Grade B: Very good [] Grade C:
Scientific quality	Good
	[] Grade D: Fair [] Grade E: Do not publish
Novelty of this manuscript	[Y] Grade A: Excellent [] Grade B: Good [] Grade C: Fair [] Grade D: No novelty
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Language quality	[Y] Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[Y] Accept (High priority) [] Accept (General priority) [] Minor revision [] Major revision [] Rejection
Re-review	[]Yes [Y]No
Peer-reviewer statements	Peer-Review: [] Anonymous [Y] Onymous Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This is an interesting well written article adding useful information for the practicing cardiologist, that ECG change may preceded echocadiograhic change in apical HCM. It should be published. However the section on treatment (The underlying diseases and comorbidities of the three patients were treated with symptomatic treatment) is inadequate. Authors must specify what the symptoms are, and the medicine given.



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Peer-review model: Single blind

Reviewer's code: 04336547 **Position:** Editorial Board

Academic degree: FACS, MBBS, MCh, MS

Professional title: Additional Professor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2023-05-22

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-06-30 05:10

Reviewer performed review: 2023-07-03 04:02

Review time: 2 Days and 22 Hours

	[] Grade A: Excellent [Y] Grade B: Very good [] Grade C:
Scientific quality	Good
	[] Grade D: Fair [] Grade E: Do not publish
Novelty of this manuscript	[Y] Grade A: Excellent [] Grade B: Good [] Grade C: Fair [] Grade D: No novelty
Creativity or innovation of	[] Grade A: Excellent [Y] Grade B: Good [] Grade C: Fair
this manuscript	[] Grade D: No creativity or innovation



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Language quality	[Y] Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[] Accept (High priority) [Y] Accept (General priority) [] Minor revision [] Major revision [] Rejection
Re-review	[]Yes [Y]No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [] Onymous Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I would like to thank the chief editor for giving me the opportunity to review this case series manuscript, which is currently under consideration for publication. I would also like to appreciate the authors for their scientific, scholarly work which presents an intricate case portrayal of these three cases, diagnosed with an uncommon amalgamation of apical AHCM with ECG/ Echo changes. A meticulous diagnostic work-up paved the path for this diagnosis, and afterwards the patients were subsequently under follow-up, demonstrating an encouraging trajectory of recovery during follow-ups (1 patient died in this duration). This case series report has the potential to be a valuable addition to the cardiology field by providing lessons and guidance for the management of AHCM with complex presentation and could play a positive role in the development of future scientific guidelines. The rarity of these cases adds novelty to the manuscript as it provides a unique opportunity to study these conditions together and their combined impact on the patient's overall survival. The manuscript's value lies in its precise description of the patient's symptoms, diagnosis, and ECG/Echo finding with follow-up. Furthermore, the paper emphasizes the



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importance of early diagnosis and appropriate treatment planning for these type of patients.



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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03847133 Position: Peer Reviewer Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2023-05-22

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-06-30 06:39

Reviewer performed review: 2023-07-04 09:10

Review time: 4 Days and 2 Hours

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	[] Grade D: Fair [] Grade E: Do not publish
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Re-review	[Y] Yes [] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [] Onymous Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I read this papaer that is quite interesting. No changes to suggest