

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 65594

**Title:** Multimodality Imaging in the Diagnosis and Management of Prosthetic Valve Endocarditis: A Contemporary Narrative Review.

**Reviewer's code:** 03722832

**Position:** Editorial Board

**Academic degree:** DNB, MD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** India

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-03-11

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-03-12 01:47

**Reviewer performed review:** 2021-03-14 03:42

**Review time:** 2 Days and 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

Dear author thanking you for the effort. I have some suggestions to improve this submission as follows 1. Mention whether the review is brief/narrative /systematic and accordingly revised the submission as instructed to the author in preparing a review submission. 2. References need to be updated till date: in 2021 only there 4 interesting journal articles those the author has missed 3. If the author is planning to focus the role of imaging modalities to manage infective endocarditis, this submission needs significant improvent to achieve the objective. 4. Your take home message is in Table-1 but the provided information is significantly inadequate

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**Reviewer's code:** 02634593

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Professor

**Reviewer's Country/Territory:** Turkey

**Author's Country/Territory:** United States

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**Reviewer accepted review:** 2021-03-18 07:58

**Reviewer performed review:** 2021-03-19 09:58

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<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## **SPECIFIC COMMENTS TO AUTHORS**

In this review, the authors aimed to discuss diagnosis of PVE with a special emphasis on the emerging complementary use of multimodality imaging modalities. It is a well-written and highly scientific manuscript. The following points should be corrected:

1) 'morality' should be corrected as 'mortality' in the following sentence: However, when both groups were matched, there was no significant difference in morality [13]. 2)

In the Introduction section, it was stated that in cases where TEE yields a negative result and clinical concern persists, guidelines recommend to either repeat the study in 5 days.

On the other hand, in the Transthoracic and Transesophageal Echocardiography section, it was stated that in cases where the clinical suspicion remains high despite an initial negative result, short-term interval follow-up is a strategy that can enhance imaging sensitivity at the expense of prolonging the time to diagnosis, this can usually be performed one week following the initial evaluation. Which one is correct? Five days or one week? 3) 'detected on' should be added and comma should be deleted before 'CCT'

in the following sentence: In a cohort of 155 patients with surgically proven IE, 112 (72.3%) corresponding to patients with previous valve replacement (metallic and bioprosthesis) or repair, the presence of pseudoaneurysm, abscess, and fistulas, CCT

independently predicted mortality. 4) Recent important studies for IE including especially Habib et al (The ESC-EORP EURO-ENDO (European Infective Endocarditis) registry. Eur Heart J Qual Care Clin Outcomes. 2019 Jul 1;5(3):202-207. doi:

10.1093/ehjqcco/qcz018) and Habib et al (Clinical presentation, aetiology and outcome of infective endocarditis. Results of the ESC-EORP EURO-ENDO (European infective endocarditis) registry: a prospective cohort study. Eur Heart J. 2019 Oct 14;40(39):3222-3232. doi: 10.1093/eurheartj/ehz620) should be mentioned. 5)

References should be re-written according to the Journal's style.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Author's Country/Territory:** United States

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**Review time:** 6 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Author failed to specify the exact changes he/she has included in the revision

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**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-03-11

**Reviewer chosen by:** Man Liu

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**Reviewer performed review:** 2021-04-16 08:59

**Review time:** 1 Hour

<b>Scientific quality</b>	[ <input checked="" type="radio"/> ] Grade A: Excellent [ <input type="radio"/> ] Grade B: Very good [ <input type="radio"/> ] Grade C: Good [ <input type="radio"/> ] Grade D: Fair [ <input type="radio"/> ] Grade E: Do not publish
<b>Language quality</b>	[ <input checked="" type="radio"/> ] Grade A: Priority publishing [ <input type="radio"/> ] Grade B: Minor language polishing [ <input type="radio"/> ] Grade C: A great deal of language polishing [ <input type="radio"/> ] Grade D: Rejection
<b>Conclusion</b>	[ <input checked="" type="radio"/> ] Accept (High priority) [ <input type="radio"/> ] Accept (General priority) [ <input type="radio"/> ] Minor revision [ <input type="radio"/> ] Major revision [ <input type="radio"/> ] Rejection
<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No

## SPECIFIC COMMENTS TO AUTHORS

All required corrections were completed.