

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 59162

Title: Cardiac adverse events of immune checkpoint inhibitors in oncology patients: a systematic review and meta-analysis

Reviewer's code: 03701805

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2020-08-28

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-08-29 02:36

Reviewer performed review: 2020-09-17 15:14

Review time: 19 Days and 12 Hours

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study aimed to estimate the incidence of cardiovascular irAEs among patients undergoing ICI therapy for various malignancies. The study is well design, and the paper is well written. I only have some minor comments: 1. Page 9, data for the heterogeneous of incident of artial fibrillation ($I_2=0\%$, $P=0.6$) is not correct. Please check fig 7 and rewrite the results. 2. Please explain what the panel A and panel B in figure 7 stand for? 3. The Incidence of atrial fibrillation is significant higher than other cardiac complicantions. The mechanisms for the increased risk of atrial fibrillation should be discussed. 4. It is also important to explore what are the risk factors for atrial fibrillation in these patients (e.g age, sex, different kinds of ICI therapy)

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Manuscript submission date: 2020-08-28

Reviewer chosen by: Chen-Chen Gao

Reviewer accepted review: 2020-10-16 07:55

Reviewer performed review: 2020-10-16 08:02

Review time: 1 Hour

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

SPECIFIC COMMENTS TO AUTHORS



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All my previous comments had been well settled. I agree to accept this article.