



PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77966

Title: The link between COVID-19 vaccines and Myocardial Infarction

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05630825

Position: Peer Reviewer

Academic degree: PhD

Professional title: Lecturer

Reviewer's Country/Territory: Romania

Author's Country/Territory: Pakistan

Manuscript submission date: 2022-05-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-20 04:28

Reviewer performed review: 2022-06-20 15:48

Review time: 11 Hours

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 Grade E: Do not publish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 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The article: "The link between COVID-19 vaccines and Myocardial Infarction" - is a systematic review (MEDLINE, EMBASE, and Pakmedinet). Those articles with a mention of COVID-19 vaccination along with MI as a complication of it were included. In this review, nearly 69% of the studies reported MI occurrence after the first dose while 14% reported it after the second dose of the vaccine. Article conclusion: there is a link between COVID-19 vaccination and MI in temporal terms of occurrence. Yet the possibility that the link found is purely by chance is also there as majority of cases were reported within 1 day which is too short a time, for build-up of definitive causative mechanisms for MI. This is due to the diversity of risk factors for MI, like age, gender, BMI, ethnicity, and physical/mental stressors etc. Considering the main points of the article, as described above, it can be published with revision regarding: limitations of the study, why were chosen only MEDLINE, EMBASE - why are they more relevant than others databases. We see the found articles only from MEDLINE - is there an explanation? There are manu case reports than clinical trials.



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Peer-review model: Single blind

Reviewer's code: 05125083

Position: Peer Reviewer

Academic degree: MBBS, MD

Professional title: Assistant Professor, Doctor

Reviewer's Country/Territory: India

Author's Country/Territory: Pakistan

Manuscript submission date: 2022-05-30

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-07-04 02:30

Reviewer performed review: 2022-07-04 02:31

Review time: 1 Hour

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
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Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Use the latest prisma 2020 checklist and flow diagram Correct the language and grammatical errors in some places



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Manuscript NO: 77966

Title: The link between COVID-19 vaccines and Myocardial Infarction

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05753119

Position: Peer Reviewer

Academic degree: BSc, MSc, PhD

Professional title: Doctor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: Pakistan

Manuscript submission date: 2022-05-30

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-07-04 03:22

Reviewer performed review: 2022-07-12 09:18

Review time: 8 Days and 5 Hours

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 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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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Authors wrote the systematic review titled that “The link between COVID-19 vaccines and Myocardial Infarction”. The systematic review was well designed and concept of search strategy were rigorous, and pretty accurate with other manuscript. I congratulate you for the good write up of this manuscript, however, you need to edit some points. My comments are below; Title is reflects the main subjects and abstract summarized and reflected description of work. Similarity rate is 17% (high). If possible, it should reduce below 20%. - The manuscript should edit according to journal format. - The grammatical mistake should be edit. - Introduction should be expanded.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Clinical Cases*

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05630825

Position: Peer Reviewer

Academic degree: PhD

Professional title: Lecturer

Reviewer's Country/Territory: Romania

Author's Country/Territory: Pakistan

Manuscript submission date: 2022-05-30

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2022-07-31 04:24

Reviewer performed review: 2022-07-31 04:41

Review time: 1 Hour

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 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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The article *The link between COVID-19 vaccines and Myocardial Infarction* aims to investigate and pinpoint if any link exists between COVID-19 vaccination and Myocardial Infarction reports among the vaccinated individuals. After first round of review the article was improved, including PRISMA checklist, so it is qualified for publishing.