

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 77784

Title: Transient ischemic attack after mRNA-based COVID-19 vaccination during pregnancy: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05566451

Position: Editorial Board

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Taiwan

Manuscript submission date: 2022-05-23

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-31 09:41

Reviewer performed review: 2022-06-05 01:24

Review time: 4 Days and 15 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 Grade E: Do not publish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 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



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

1. On the second line of Introduction, note the citation and punctuation placement.
2. What is the emergency treatment for the patient due to transient ischemic attack?
Please add it in the "Case presentation section".
3. In the sixth paragraph of the discussion section, "Only one case report has been found". According to relevant literature, the current cases of thrombosis caused by the new crown vaccine and thrombocytopenia have been reported in The Lancet and New England Journal. It seems that "Only one case report has been found" inappropriate. Please check again.

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Peer-review model: Single blind

Reviewer's code: 05480683

Position: Peer Reviewer

Academic degree: PhD

Professional title: Academic Fellow, Academic Research, Adjunct Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Taiwan

Manuscript submission date: 2022-05-23

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-13 08:09

Reviewer performed review: 2022-06-13 18:57

Review time: 10 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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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

Manuscript type: Case Report World Journal of Clinical Cases Manuscript Manuscript
 Manuscript ID: 77784 Title Transient ischemic attack after mRNA-based COVID-19
 vaccination during pregnancy: a case report Comments, observations and Suggestions
 for authors. In the present manuscript, by dr. Chang and colleagues, a case of a
 24-year-old pregnant woman with a transient ischemic attack that developed after
 vaccination with the Moderna mRNA-1273 vaccine (at 37 2/7 weeks) has been presented.
 Following discharge (at 39 1/7 weeks of pregnancy), the female was admitted (at 37 2/7
 weeks) for cesarean delivery to decrease the subsequent risk of stroke during labor.
 Main conclusions suggest that transient ischemic attack might be developed after the
 mRNA vaccines in pregnant women. The case is well presented in a clear and succinct
 way. Tables are informative. Scientific writing is adequate. The ms is therefore suitable
 for publication following a minor revision. Please see below are some suggestions, which
 would allow the article to be improved for publication in World Journal of Clinical Cases
 Manuscript. 1. The introduction should start with the description of the transient
 ischemic attack, which is the focus of the work) and then with the general description of
 the stroke 2. Page 4 "Severe acute respiratory syndromereported in pregnant
 women [6]." COVID-19 has also been associated with coagulation disorders, secondary
 bacterial infections, immunodeficiency and myocardia
 (<https://doi.org/10.3390/microorganisms10061193>). This information and supporting
 reference should be included 3. Page 4 "Nevertheless, thrombocytopenia ...mRNA
 vaccines [7]." This point should be more deeply underlined. Authors can check pro and
 con (<https://doi.org/10.1016/j.tru.2022.100104>, doi: 10.1016/j.ijid.2022.03.034 and

<https://doi.org/10.3390/vaccines10040596>). The data of these important meta-analyses can be also quoted in the discussion 4. More information on the employed SARS-CoV-2 detection kit should be given 5. Page 4 “In 15% of patients,” Which patient types? 6. Additional studies in the topic should be quoted in the discussion <https://doi.org/10.1016/j.jstrokecerebrovasdis.2022.106440> and [doi:10.1001/jama.2021.21699](https://doi.org/10.1001/jama.2021.21699), [doi: 10.1016/j.vaccine.2021.05.088](https://doi.org/10.1016/j.vaccine.2021.05.088), PMID: 35691322

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Peer-review model: Single blind

Reviewer's code: 05373202

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor, Chief Doctor, Staff Physician

Reviewer's Country/Territory: Turkey

Author's Country/Territory: Taiwan

Manuscript submission date: 2022-05-23

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-13 06:09

Reviewer performed review: 2022-06-15 06:27

Review time: 2 Days

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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SPECIFIC COMMENTS TO AUTHORS

Good case. The readers will read with interest.