

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 63716

Title: Prenatal diagnosis of cor triatriatum sinister associated with early pericardial effusion: A case report

Reviewer's code: 03284267

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Spain

Manuscript submission date: 2021-02-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-03 05:34

Reviewer performed review: 2021-02-04 07:34

Review time: 1 Day and 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 Grade E: Do not publish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 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 statements	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

This is an interesting case report describing a fetus with cor triatriatum sinister who exhibited pericardial effusion in the first trimester. The authors claim that early pericardial effusion could be the first manifestation of cor triatriatum sinister. My concerns are indicated as follows: Major point: It is not confident whether that cor triatriatum sinister had really contributed to early pericardial effusion of the fetus. The authors excluded other congenital heart defects, congenital infections, immune hydrops fetalis, and hypothyroidism of the mother. On the other hands, repeated fetal echocardiography did not reveal heart failure. There needs to be some discussion of the reason why cor triatriatum sinister associated with early pericardial effusion. I also suggest shortening the discussion concern about classification. Minor comment: Discussion. Page 6, line 15: Reference 12 is a case report of a ventricular diverticulum associated with a large pericardial effusion. Just check that the correct papers are referenced within the report.

PEER-REVIEW REPORT

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Manuscript NO: 63716

Title: Prenatal diagnosis of cor triatriatum sinister associated with early pericardial effusion: A case report

Reviewer's code: 05467628

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: India

Author's Country/Territory: Spain

Manuscript submission date: 2021-02-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-03 17:28

Reviewer performed review: 2021-02-09 17:26

Review time: 5 Days and 23 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 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 authors have described an interesting case of a prenatal diagnosis of a child with three atria. However, several changes are required before the case becomes ready for publication. Given below are my comments in no particular order.

1. The writing, in general, seems to be one not written by a native speaker, which sometimes leads to an odd method of describing things. Please get it reviewed by a native English Speaker. I would also recommend you look at case reports published in this journal to understand the writing style. For e.g. authors first describe the clinical features and associations of the condition in para 1 but then describe what is the condition in para 2 of introduction (it should be reverse order).
2. "A non-invasive prenatal test was performed due to the intermediate risk for trisomy 21 and the echographic findings suggestive of heart disease. It resulted in low risk for aneuploidy and male gender." Give the test name, and exact findings.
3. "Her Rh was positive". Her blood group was Rh positive.
4. "We decided expectant management with ultrasound follow up every 4 weeks." Please write in proper English.
5. What does "APGAR score of 9/10/10" indicate! Write the time points.
6. Duration of follow-up has not been described. Explicitly tell how long was the follow up.
7. "In conclusion, based on our case and literature review, we can deduce that the presence of early pericardial effusion during the first trimester is an indicator of cardiac malformations during the early stages of embryonic development" - Using a single case, this cannot be deduced. Writing such a statement is incorrect. Your case lends support to this argument, but your case alone definitely cannot be the pillar for this argument.
8. No dimensions have been provided in the figure captions. Please revise captions.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 05467628

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: India

Author's Country/Territory: Spain

Manuscript submission date: 2021-02-01

Reviewer chosen by: Han Zhang (Part-Time Editor)

Reviewer accepted review: 2021-03-15 10:39

Reviewer performed review: 2021-03-15 10:43

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 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
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SPECIFIC COMMENTS TO AUTHORS



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I had made several comments to authors most of which seem to have been implemented.
Please provide the long term plan for this patient.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer performed review: 2021-03-17 12:01

Review time: 2 Days and 4 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
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SPECIFIC COMMENTS TO AUTHORS

Although the relation between cor triatriatum sinister and early pericardial effusion of the fetus remain unclear, this paper would bring some new information in this area. I recommend that it be accepted for publication.