

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 74099

Title: Discrepancy between non-invasive prenatal testing result and fetal karyotype caused by rare confined placental mosaicism: A case report

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

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: China

Manuscript submission date: 2021-12-14

Reviewer chosen by: Jia-Qi Zhu

Reviewer accepted review: 2022-02-27 18:24

Reviewer performed review: 2022-02-27 18:29

Review time: 1 Hour

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
Re-review	<input type="radio"/> Yes <input checked="" type="radio"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

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

Very well written a case report. Your paper highlights "NIPT is just a screening test, and any positive result should be confirmed with invasive testing ". Good work.

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

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Reviewer's code: 05260764

Position: Peer Reviewer

Academic degree: Doctor, MD

Professional title: Surgeon

Reviewer's Country/Territory: Denmark

Author's Country/Territory: China

Manuscript submission date: 2021-12-14

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-05-09 09:47

Reviewer performed review: 2022-05-16 14:42

Review time: 7 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
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

Thank you to the authors for a very well written and illuminating case report regarding the limitations of NIPT in rare cases such as with CPM. Relevant for all clinicians who are handling prenatal diagnostics to ensure that NIPT is still only used as a screening tool and that the relevant diagnostic approaches are taken in cases of a positive NIPT, or in cases of a negative NIPT but a high risk score based on blood samples and 1st trimester nuchal scan.