

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 77576

**Title:** Double filtration plasmapheresis (DFPP) for pregnancy with hyperlipidemia – A case report of glycogen storage disease type Ia (GSDIa)

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03282635

**Position:** Editor-in-Chief

**Academic degree:** MD, PhD

**Professional title:** Consultant Physician-Scientist, Senior Researcher

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-05-13

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-05-27 06:22

**Reviewer performed review:** 2022-05-27 06:30

**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 Grade E: Do not publish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
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Peer-reviewer  
statements**Peer-Review: [☒] Anonymous [☐] OnymousConflicts-of-Interest: [☐] Yes [☒] No**SPECIFIC COMMENTS TO AUTHORS**

This manuscript is very interesting and deserves publication. If possible I would recommend adding data on genetics of both parents. Were they both investigated? Was there a recurrence risk for the offspring? I understand that this fetus was not affected but I would like to understand the reproductive risk for future pregnancies. How about Uterine artery Doppler and fetal Dopplers? Were they normal.

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**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:** 2022-05-13

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-06-04 03:18

**Reviewer performed review:** 2022-06-04 06:52

**Review time:** 3 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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**Peer-reviewer  
statements**

Peer-Review: ☒ Anonymous ☐ Onymous

Conflicts-of-Interest: ☐ Yes ☒ No

## **SPECIFIC COMMENTS TO AUTHORS**

Well written

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**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**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:** China

**Manuscript submission date:** 2022-05-13

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-06-04 13:40

**Reviewer performed review:** 2022-06-05 09:26

**Review time:** 19 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	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 manuscript (Manuscript ID: 77576, World Journal of Clinical Cases) entitled “Double filtration plasmapheresis (DFPP) for pregnancy with hyperlipidemia – A case report of glycogen storage disease type Ia (GSD Ia)” by Dr. Wang. and colleagues, presents a case report of a 25-year-old female who presented with pregnancy combined with extremely high hyperlipidemia and hyperlactic acidosis with anemia, and frequent hypoglycemia occurred during the treatment. Genetic tests revealed a mutation in the G6PC gene at 17q21. The patient did not develop pancreatitis during the course of the disease and a healthy infant was delivered by caesarean section at 37 weeks +5 days of gestation. The ms is important as describing an interesting case report of a female diagnosed with pregnancy combined with extremely high hyperlipidemia and anemia, and frequent hypoglycemia occurred during the treatment, who properly concluded pregnancy at 37 weeks +5 days of gestation. In my opinion, the manuscript is suitable for this journal. The objectives of manuscript should be improved. The manuscript is in general well written; clear, precise, and easy to understand, addressing the topic of glycogen storage disease type I during pregnancy, which is an interesting topic. The ms interesting, while the case is well presented. In my opinion, the manuscript can be accepted with a minor revision. Please find several suggestions for improving the ms.

Comments 1. Abstract. The abstract I well written and detailed. 2. More findings on Glycogen storage disease type I or the implication of hypoglycemia, hyperlactacidemia, hyperlipidemia, hyperuricemia upon pregnancy outcome should be detailed in the introduction 3. Line 48 the OMIM232200 annotation is important but can be removed from this section for a better readability. I suggest moving this annotation to the “case”



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section 4. A clear aim should be included at the end of the background section 5. Lines 131-133 Hypertriglyceridemia-induced acute pancreatitis often results in inflammogenesis during pregnancy (PMID: 31917686).. An increase in anti-inflammatory factors occurs in order to counteract pregnancy stresses/inflammation, while favoring the maternal immune tolerance toward the fetus, for a successful pregnancy outcome ( PMID: 33015055, <https://doi.org/10.3389/fcell.2020.550543> ). However, a prolonged inflammation may lead to abortive events. This important information and supporting reference should be, at least briefly, included. 6. More supporting references should be included in the discussion 7. Clinical values can be removed from the discussion if already reported in the “case” section, being a redundant information. Lines 118, 129,