

## PEER-REVIEW REPORT

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

**Manuscript NO:** 87159

**Title:** Pharmacogenomics-based individualized treatment of hypertension in preterm infants: a case report and review of the literature

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

**Peer-review model:** Single blind

**Reviewer's code:** 05554723

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2023-08-01

**Reviewer chosen by:** Geng-Long Liu

**Reviewer accepted review:** 2023-09-01 15:03

**Reviewer performed review:** 2023-09-01 15:21

**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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" 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

#### SPECIFIC COMMENTS TO AUTHORS

Very interesting case, especially the thought to send the patient's blood for genetic testing. I am not an expert in this field, however I learned a lot from reading this interesting case report. Well done. I do believe there might be a typo in that you state that the baby was first given nifedipine (0.1 mg, once daily) orally and then you state that the dosage of amlodipine was decreased to 0.075 mg. Was the baby given nifedipine to start or amlodipine? You also state that enteral nutrition support was administered for a long time but in the next sentence you describe total parenteral nutrition- related cholestasis and liver function impairment. Can you clarify if the patient was given EN or TPN and for how long?

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**Reviewer's code:** 07248313

**Position:** Editorial Board

**Academic degree:** MD

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

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

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

**Manuscript submission date:** 2023-08-01

**Reviewer chosen by:** Geng-Long Liu

**Reviewer accepted review:** 2023-08-29 07:32

**Reviewer performed review:** 2023-09-08 07:43

**Review time:** 10 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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<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

## SPECIFIC COMMENTS TO AUTHORS

The comments for the manuscript titled Pharmacogenomics-based individualized treatment of hypertension in preterm infants: a case report and review of the literature are given as follows . 1. Title: The given title is suitable and it reflect the main subject of the manuscript. 2. Abstract. The abstract summarize and reflect the work described in the manuscript. 3. Key Words. The key words are not given in the manuscript 4.

Background. This is a case report. The description of case presentation is confusing. As it appears that the case is not presented in the sequence of the event of clinical presentations as it may have happened. It may be categorically mentioned that such case is not reported ever. 5. Methods. The methodology is neither given nor required. The dose of amlodipine may be given to define low, optimal and high dose. 6. Results. The outcomes are presented in a proper way 7. Illustrations and tables. Figures 1, 2 and 3 clear and readable. 8. References. There is enough number of references. 9. Quality of manuscript organization and presentation. The manuscript is concisely and coherently organized. 10. Research methods and reporting: authors followed CARE guidelines for reporting this case report. 11. Ethics statements. The



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statement given under this heading may be revised. Here the patient is a preterm infant.  
He cannot sign written informed consent form himself.