

## PEER-REVIEW REPORT

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

**Manuscript NO:** 71136

**Title:** Direct antiglobulin test-negative autoimmune hemolytic anemia in a  $\beta$ -thalassemia minor pregnancy: 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:** 2021-09-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-09-25 04:34

**Reviewer performed review:** 2021-09-25 04:39

**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 Grade E: Do not publish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



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<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**

Interesting case. Well written in the light of current literature.

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

**Peer-review model:** Single blind

**Reviewer's code:** 05374991

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Attending Doctor, Instructor, Research Assistant

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

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

**Manuscript submission date:** 2021-09-04

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-09-25 08:41

**Reviewer performed review:** 2021-09-29 19:07

**Review time:** 4 Days and 10 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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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="checkbox"/> Y ] Anonymous [ <input type="checkbox"/> ] Onymous Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> Y ] No
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## SPECIFIC COMMENTS TO AUTHORS

General Impression: The authors reported an interesting case of severe hemolytic anemia in a pregnant patient with thalassemia. The Coombs test was negative which further hardened the diagnosis. This scenario is rare and I believe that the diagnosis could be easily missed by clinicians. I humbly think the manuscript is publishable. However, it requires some minor revisions. Comments: 1) In the Background section of the abstract, Please remove or change the following phrase as it is scientifically incorrect: "Thalassemia minor is a common complication of pregnancy in Southern China". Thalassemia is not a complication of pregnancy but it may complicate normal pregnancies. 2) In the case summary section of the abstract, please write "multiparous patient" instead of "multipara" only. 3) Please use the terms "week" and "month" instead of "wk" and "mo", respectively. 4) In the discussion section (page 8, line 2), please provide a reference for the following phrase "however, pregnancy is considered one of the risks that trigger AIHA". I personally did not know that there is a relation between pregnancy and AIHA, so there should be a reference for this information. If you are not able to provide a reference, then please delete the phrase. 5) I would suggest mentioning in the discussion that ovarian teratomas were suggested as a possible trigger of AIHA in pregnant and non-pregnant patients, and citing the following paper: [www.doi.org/10.15537/smj.2019.4.24107](http://www.doi.org/10.15537/smj.2019.4.24107) I think this will make the discussion more thorough. 6) In the conclusions, I would suggest writing that Coombs-negative AIHA should be suspected in cases of severe hemolytic anemia in pregnant patients with and without other hematological diseases. I believe this is the main take-home message of the manuscript and it should be highlighted more clearly. 7) I suggest having the



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manuscript revised by someone fluent in English or a native English speaker as the written language needs to be improved.