

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 88226

Title: Case report: Gestational diabetes mellitus combined with fulminant type 1 diabetes mellitus, four cases of double diabetes?

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05082108

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2023-09-16

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-09-26 09:40

Reviewer performed review: 2023-09-26 11:46

Review time: 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty 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 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

Scientific significance of the conclusion in 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 scientific significance
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 type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

Li et al. reported that four GDM patients developed fulminant type 1 diabetes. There are few reports of GDM patients developing fulminant type 1 diabetes, and in that sense, this report is valuable. However, as the authors have stated, there are already reports of GDM patients developing fulminant type 1 diabetes (References 5, 6), so this report lacks novelty. In addition, GDM is considered to have insulin resistance, and its complication with fulminant type 1 diabetes is discussed as "double diabetes," but in what way did insulin resistance develop in the four patients presented by the authors? That hasn't been measured, so it's only a speculation. They also reported that IAA was positive in all four patients, but they were measured after the start of insulin treatment, so they were not valid. Similarly, the data for insulin in table 1 were measured during insulin treatment, and the significance of presenting them is unclear. Furthermore, the data in table 2 clearly includes data other than the data of the four patients, but the details are not described in this paper.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06553224

Position: Editorial Board

Academic degree: Doctor, FRCP, FRCPE, MBBS, MD

Professional title: Chief Physician, Doctor, Professor, Superintendent

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2023-09-16

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-11-22 15:19

Reviewer performed review: 2023-11-24 17:23

Review time: 2 Days and 2 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
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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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

The case report titled ‘Gestational diabetes mellitus combined with fulminant type 1 diabetes mellitus, four cases of double diabetes?’ is well written, however, may need revisions before it gets published. Title: It seems to be appropriate. Abstract: Background is well written. However, case summary needs more elaboration as to what sort of insulin allergy was noticed which is actually so rare an entity. Introduction: More introductions regarding clinical presentation of pregnancy-associated FT1DM (PF) is needed. Cases: Regarding the cases, few clarifications needs to be adressed: In all the cases, there is no mention of serum bicarbonates and Pco2. Were serum beta hydroxybutyrate levels ever measured in any of the patients? Does Urinary ketones of 1+ in pregnancy qualify for ketosis? Which method was used to measure urinary ketones? Nothing is mentioned regarding follow up of the babies of the affected mothers Results: Results seem to be well summarized. Discussion: This portion seems to be well written but labeling FT1DM and GDM as double diabetes needs more caution. Table: Table 1 is too busy and may be put in a more comprehensive way No mention of P values wherever relevant



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