

## PEER-REVIEW REPORT

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

**Manuscript NO:** 41140

**Title:** Possible connection between elevated serum -fetoprotein and placenta necrosis during pregnancy: A case report and review of literature

**Reviewer's code:** 00742054

**Reviewer's country:** Australia

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-07-31

**Date reviewed:** 2018-08-08

**Review time:** 7 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

Thank you for this case report! Please see my comments on the attached manuscript.

### INITIAL REVIEW OF THE MANUSCRIPT



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*Google Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

*BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
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- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 41140

**Title:** Possible connection between elevated serum -fetoprotein and placenta necrosis during pregnancy: A case report and review of literature

**Reviewer's code:** 00742373

**Reviewer's country:** China

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-07-31

**Date reviewed:** 2018-08-13

**Review time:** 13 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

The case report titled "A possible connection between elevated serum AFP and placenta necrosis during pregnancy: a case report" described a case of placental previa with extremely high serum AFP level in the third trimester. The author found placental



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necrosis after C-section delivery and concluded that the increased AFP in placental previa may be a biomarker for placental necrosis. Placental previa is a clinical situation influence the maternal and fetal outcomes. Long time bleeding in placental previea usually related with placental tissue separating from the uterine wall and injury to placental tissue. Clinicians usually access the situation of the bleeding, rarely assess the necrosis of the placental tissue. Elevated AFP in placental previa to assess the severity of placental necrosis is a new concept. This new concept gave us these points: 1. AFP elevation is related to placental necrosis, actually, the placental is from the embryo, it should have the same origin as the fetus; 2. Elevated AFP in placental previa may not be related to fetal abnormality such as open neural tube disease, but we need to exclude such kind of disease; 3. Elevated AFP may be resulted from other conditions, such as liver disease, tumor, or fetal problem. In this case report, these points have not been discussed. Reviewer suggests exclude other conditions that could cause AFP elevation with lab or examination results, and expand the discussion on the points above.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

### *BPG Search:*

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- ☐ Plagiarism



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[Y] No