Reviewer's report

Title: Thromboelastometry guided blood transfusion: an alternative and efficient approach to manage acute fatty liver of pregnancy. A case report.

Version: 2 Date: 1 June 2015

Reviewer: Tae-Yun Sung

Which of the following best describes what type of case report this is?: None

Do you believe the case report is authentic?: yes.

Do you have any ethical concerns?:

Usually the use of fibrinogen concentrate require the caution in pregnant or breast feeding women.
And prophylactic transfusion of blood products are not recommended. although it is not the blood products, I wonder that prophylactic administration of blood component (coagulation factors) such as, fibrinogen concentrate and prothrombin complex can be recommended or justified, especially, in pregnant women. Moreover, is this totally safe to mother and fetus?

Is the Abstract representative of the case presented?: yes

Does the Introduction explain the relevance of the case to the medical literature?:
some sentences are removed and stated in discussion section

Does the article report relevant patient information?: Yes

Does the article report relevant physical examination findings?: Yes

Does the article report important dates and times in this case?: Yes

Does the article report the diagnostic assessments?: Yes

Does the article report the types of intervention?: Yes

Does the article report a summary of the clinical course of all follow-up
visits?: Yes

Is the interpretation (discussion and conclusion) well balanced and supported by the case presented?:

yes

Does the case represent a useful contribution to the medical literature?:

yes

Was written informed consent to publish this case obtained?: No

Is the anonymity of the patient protected?:

yes

Additional comments to authors?:

Authors reported the experience of the thromboelastometry guided blood transfusion in patient who has AFLP. While I do not doubt the effectiveness of thromboelastometry in critically ill surgical patients, I would like to see a more developed discussion. Unlike prophylactic transfusion of blood product, is prophylactic correction of thromboelastometry results using fibrinogen concentrate and prothrombin complex concentrate justified? Especially, in pregnant women, and is that totally safe in mother and fetus? I think authors should state about this problems in discussion. I'd like to suggest several points to be strengthen more on your description to expect your case report be more informative.

Specific comments

Introduction
There are many overlapped sentences in introduction and discussion section page3 line 18 “Moreover~and jaundice”, line 21”the most ~of coagulopathy”

Case presentation
Please present the patient’s history of allergies to medicines, foods, or other substances
P4, temperature was 35 : is that core temperature or skin temperature?
P5 L4 : please, present the estimated blood loss(EBL) and fluid input and output during operation

Discussion
P6 L27 “.. disorders within 5min in…” : To my knowledge, it takes 10 to 15 min, minimally to obtain valuable data.
P7, authors can use abbreviations such as, CT, CFT, MCF in below line5 P7 line 5~19 please provide adequate reference.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Declaration of competing interests:**

I declare that I have no competing interests