Reviewer's report

Title: Periodic Assessment of Plasma sFlt-1 and PLGF Concentrations and it's Association with Placental Morphometry in Gestational Hypertension (GH) - A Prospective Follow Study

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Reviewer: Augustine Rajakumar

Reviewer's report:

Periodic assessment of plasma sFlt-1 and PI GF concentrations and its association with placental morphometry in gestational hypertension (GH) - a prospective study.

The hypothesis of the present study is that there is periodic variation in sFlt-1 and PI GF levels in pregnant women with gestational hypertension.

Authors conducted a prospective study in Malaysia where there are multiple ethnicities. Levels of sFlt-1 and PI GF were measured at three different time points. Placental morphometry was performed in these patients.

In general the manuscript needs clarity. Many of the statements the authors make are vague. I have only mentioned a few below. It would help if they were a bit more specific.

Abstract:
1) Line starting with ‘Biochemical markers ........than the traditional clinical tools used.’ Expand on the clinical tools.
2) Malaysian setting: Define and expand.

Background:
1) Again expand on ‘Malaysian setting’ providing information on ethnic diversity and other factors to justify the current study.
2) Sentence that starts with ‘Placenta isolated from early onset ........late onset PE’. Modify.
3) Sentence “It remains elusive...........” Modify.

Methods: Technical details presented in placental studies regarding morphometry are not enough to understand what was carried out. For example, the authors state ‘Three whole thickness placental sections.........’. What was done to these tissues?

Results:

Authors need to decide on the organization of the study and the presentation. For
example the first reference in the Result section refers to Figure 3.

The authors mention in 'Morphometric results for villous .......” “As shown in Table 1,.....” I couldn’t find the table and neither the Biomed Central.

While there is some useful information in this study, the manuscript limits the enthusiasm for the lack of organization and critical writing.

**Level of interest:** An article of limited interest

**Quality of written English:** Needs some language corrections before being published

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests.