Reviewer's report

Title: New Genetic Variant in the SERPINC1 gene: Hereditary Antithrombin Deficiency Case Report, Familial Thrombosis, and Considerations on Genetic Counseling.

Version: 1 Date: 12 Feb 2020

Reviewer: Yesim Akdemir

Reviewer's report:

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Dear Editors,

Thank you for the opportunity of reviewing the article "New Genetic Variant in the SERPINC1: Hereditary Antithrombin Deficiency, Familial Thrombosis and Considerations on Genetic Counseling"

This is an interesting case report especially important concerns are existed in reproductive endocrinology field. Although the case is interesting and important, I had some concerns about the methodology so I recommend you to advice the methods of the genetic studies to a basic science specialist.

Hereditary or acquired thrombophilia investigations are still being done for adverse obstetric or perinatal outcomes. Antithrombophilic prophylaxis is recommended especially homozygous Prothrombin, Factor V and Antitrombin III deficiency or combined heterozygous mutations. I preferred the article named " Effect of multiple thrombophilic gene mutations on uterine artery blood flow in nonpregnant recurrent pregnancy loss patients: are we searching enough? " - https://doi.org/10.1080/14767058.2019.1569618 to authors.

I think more speculation is needed in aspect of prenatal care section. VTE risk and adverse perinatal outcomes like, abortion, repeated abortion, intrauterine growth retardation, preeclampsia, etc. are needed to mention in discussion.

Best regard.

Yesim Akdemir MD.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Unable to assess

**Does the work include the necessary controls?**
If not, please specify which controls are required in your comments to the authors.

Unable to assess

**Are the conclusions drawn adequately supported by the data shown?**
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Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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