

Review of: "Different pattern of menstrual in patients with COVID-19 infections"

Adrian Cois¹

¹ Oregon Health Sciences University

Potential competing interests: The author(s) declared that no potential competing interests exist.

I commend the authors for tackling this topic as it is important to further understand factors that contribute to menstrual irregularities following COVID19 infection with and without the use of anticoagulants.

Overall I think the methods of this retrospective study are sound and the statistical analysis was appropriate. I would like to see the authors make more prominent their thoughts regarding the possible mechanisms for changes in menstrual patterns following COVID19 infection. The authors posit that the environmental factors such as stress may be the leading cause for altered menstrual pattern following COVID19 infection. They cite referencing which explore the possible interruption to ovulation in other viral infections but then posit environmental factors as the primary cause for altered menstrual patterns. I would like to see the authors provide their insight into what should be next steps for future research in this area.

I however have some significant concerns about the grammar and with the way the paper was written. There are numerous misuses of words and poorly formed sentences throughout the body of the text. I would encourage the authors to seek out a third party to read through the manuscript and correct errors. The title for example should say "menstruation" and not "menstrual".

At the moment I don't think the paper in it's current form should be accepted for publication. If the above errors and suggestions can be taken on board I would reconsider this position.