Reviewer’s report

Title: Real-world experience of women using extended-cycle vs monthly-cycle combined oral contraception in the United States: the National Health and Wellness Survey

Version: 0 Date: 30 Oct 2017

Reviewer: Salvatore Caruso

Reviewer’s report:

I reviewed the Manuscript titled "Real-world experience of women using extended-cycle vs monthly-cycle combined oral contraception in the United States: The National Health and Wellness Survey" (BMWH-D-17-00225). The study compares data of women used extended cycle combined oral contraception versus traditional 21/7 combined oral contraception with the purpose to evaluate therapy satisfaction, adherence and menstrual cycle symptoms. The analyzed data refers to a large cohort of women (aged 18-50) enrolled. I really appreciated the Manuscript topic and I think that the study should be very helpful to guide the clinicians in contraceptive management. However, it would be interesting to deep into several elements that could strongly improve the study validity as suggested in my review.

The Manuscript may benefit from some revisions, as suggested below:

- Materials and Methods: Inclusion and exclusion criteria are not clear. For example, comorbidities that may affect women before starting the oral contraception treatment are not reported. In this view, it becomes necessary specify which estroprogestinic drug and which dosage are used in the treatment and if the therapy solve manifestations .

- Materials and Methods: The validity of the study should be significantly improved by the analysis of the sexual grade of satisfaction. We think that it represents an important element that could really impact the quality of daily life. In our opinion, thus, sexual grade of satisfaction deserves a deep evaluation during the cycle combined oral contraception. Moreover, also for this aspect, it should be auspicial to clarify which estroprogestinic and which dosage are used in the treatment to have a better acknowledgment of the outcomes (1-2). Did both regimens contain the same quality and quantity of estrogen and progestogen? This information could be interesting for the reader


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

No

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

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

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.

I am able to assess the statistics

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

Acceptable

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