Reviewer's report

Title: Assessment of anxiety-depression levels and perceptions of quality of life in adolescents with dysmenorrhea

Version: 0 Date: 06 Dec 2017

Reviewer: Hatice Altun

Reviewer's report:

In my opinion, this is a well-written paper on a clinically relevant topic. The study design appears appropriate. The description of the methodology and the presentation of the results are generally sound.

However, there are several issues which need to be revised before the paper should be published.

1. In methods, the sentence includes the term "17 items" which should be changed to "27 items".

2. How the severity of dysmenorrhea and the level of academic achievement were determined. This should be specified in the method.

3. The sex of the control group should be added.

4. The r values for the p value and the correlation must be written in the results.

5. The PedsQL, STAI-T, STAI-S and CDI scores and p values between the two groups should be specified in the results.

6. The lack of the psychiatric examination and a semi-structured interview is a limitation of working. This situation should be mentioned as a limitation.

7. Please consider rephrasing one sentence (In our study, the finding of higher anxiety and depression scores in cases with dysmenorrhea suggests that dysmenorrhea itself impairs mental health; however, when the presence of dysmenorrhea was assessed in cases with high depression and anxiety scores, the likelihood of dysmenorrhea was found to be higher in cases with depression) in the discussion. This sentence includes the term "depression" which should be changed to "high depression scores".
8. Some references should be rearranged according to the rule of the journal.

9. Limitations of the study should be written.

Best regards

Dr Hatice Altun

Child and adolescent psychiatrist

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An article of importance in its field

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