Reviewer's report

Title: Perceptions of treatment for tics among young people with Tourette syndrome and their parents: A mixed methods study

Version: 1 Date: 14 October 2014

Reviewer: Catharine J. Lewis

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This descriptive mixed-method study aims at investigation the perceptions of young people with TS and parents/carers of young TS patients concerning treatment methods and availability of treatment. Whereas the parents/carers were tested via an internet survey, the young people with TS were interviewed via telephone. The surveys as well as interviews were analysed and themes emerging from the interviews were compared to topics important to parents/carers. Conclusions were then derived from these analyses. The study is very well discussed showing up the importance of better informed health care professionals and more availability of behavioural therapy for TS. Medications are also discussed. The paper is written in a clear style and the abstract encompasses the most important information.

Major Compulsory Revisions

1. The results section is too long and excessive. Perhaps some results can be better shown by a figure.
2. There are too many citations in the results section. Citations are interesting and vivid, however there is no need to add a citation to every subtheme.
3. Tables: All in all the tables (1, 2 and 3) seem poorly sorted. Perhaps the mean and median values could be mentioned in the text. Information from Table 3 seems a bit redundant due to the long results section.
4. The study is very descriptive, which is due to the usage of interviews, and delivers a good picture of patients’ and carers’ opinions. However, the statistical analysis could be more extensive, to give more concrete statements. Perhaps comparing medication intake to patients'/carers' opinions.

Minor Essential Revisions

1. Does the “their parents” in the title refer to the parents of the young people study group? Are some of the patients related to the carers?
2. The use of “young people” to describe subjects sounds too generalized. Please change to “patient study group” and “carer study group”, or similar.
3. Line 69: “as distressing”; “, before which”
4. Line 88: Change “many, but not all” to “some”
5. Line 106: “treatment of tics”
7. Linie 138: Change to “treatment barriers”

Discretionary Revisions
1. The study could benefit from a figure, perhaps showing consent between “carers” and “patients”.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**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.