Reviewer’s report

Title: Psychosocial impact of prognostic genetic testing in uveal melanoma patients: A controlled prospective clinical observational study

Version: 0 Date: 12 Aug 2019

Reviewer: Gabriella Pravettoni

Reviewer's report:

The proposed research is definitely interesting and gives a good insight on the effect of genetic testing. The selection of a wide scope of instruments used to assess different constructs is relevant and in line with other studies investigating similar topics.

No limits are reported in the summary. High results heterogeneity is an obstacle when relying on a small sample and this should be mentioned.

The research is an effective exploration of a very relevant topic and further research would be helpful to compare results in different contexts (diseases, comorbidities, clinical history...).

Investigating psychological constructs highly benefit from qualitative measures that could help to better understand mental representation of the choice from the patient perspective (motivations, understanding of consequences...).

Trait measures (e.g risk propensity, health literacy and numeracy) could provide more information on how the choice was made by patients and how they could mediate the emotional impact of the results report.

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

Yes

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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