Reviewer’s report

Title: Psychometric properties of Greek versions of the Dental Fear Survey (DFS) and the Modified Coral Dental Anxiety Scale (MDAS)

Version: 1 Date: 20 May 2008

Reviewer: Marita Rohr Inglehart

Reviewer’s report:

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BMC Oral Health

Psychometric properties of Greek versions of the Dental Fear Survey (DFS) and the Modified Coral Dental Anxiety Scale (MDAS)

This manuscript analyzes the psychometric properties of Greek versions of the Dental Fear Survey (DFS) and the Modified Coral Dental Anxiety Scale (MDAS). While the introduction and background sections of this paper are well written and informative and provide the reader with all necessary information, the result section should be revised.

Major compulsory revisions:

a. It is unclear why an ANOVA was conducted to test whether the patients’ responses and the dentists’ responses were related. And it is unclear what the exact results of this ANOVA were. Why do the authors not simply correlate the responses of the patients with the responses of the dentists?

b. The results presented in the two tables need a legend that describes the answer scales in order to help the reader understand what the scores mean.

c. Page 8: instead of presenting the t values etc, the means should be repeated in the text together with the answer scale to help the reader understand whether the differences were not just significant, but content wise relevant.

d. Page 9: Instead of giving F values etc., give means.

e. The dentists answered two questions: what were the results concerning each question? I strongly assume that the responses of the first dentist question were significantly higher correlated with both patient scores than the responses to the second question. More detail is necessary.

f. In the discussion and conclusion section, it would be helpful to discuss any potential differences in the responses to the 2 questions the dentists answered – if they are different.

g. Once the reanalysis of the dentist / patient responses are written up, the statistical analysis section in the Method section should be revisited.
**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I declare that I have no competing interests.