

# Review of: "Evaluating the clinico-biochemical association between stress and chronic periodontitis by estimation of serum cortisol and serum chromogranin-A levels"

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Potential competing interests: No potential competing interests to declare.

I think the present study is practical and clear. However, I have few comments and need explanation from the authors regarding some points in the study.

#In materials and mehod (m&m) section:

1- sample size calculation wasn't mentioned.

2- age range was (20-60) so, what about age related effect on periodontium and how this affected the results?

3- Ethics approval number and patient approval weren't mentioned.

4- you didn't mention exclusion of smokers however, it was mentioned in discussion.

5- what about inclusion or exclusion of recession and enlargement?

6- you mentioned PPD >5mm and CAL >1-2mm. However, CAL should be >3-4mm.

7- grade of chronic periodontitis should be mentioned ( mild-moderate-severe) or grade and staging according to new periodontal disease classification.

8- detailed description of alveolar bone loss in panoramic radiographs should be written and attach them if available.

9- How examiner calibration took place? What is the standeridization methods of PPD recording?

10- In discussion, you mentioned that it was arandomized study,but in m&m the method of randomization wasn't mentioned.

#In results section:

Abbreviations and statistical measures eg SD and mean should be included in footnotes.

#Generally,

The paper is very long especially introduction and discussion sections. Key message should be clear, accurate and specific.

Information shouldn't be repeated twice.

Abbreviations should be written once beside the full term e.g CLIA and ELISA and then use the Abbreviation alone.

Revise some information mentioned without references.

Recheck spacing and general formatting of the paper.