

# 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.

1. key words missing
2. title- advised - Evaluation the clinico-biochemical association between stress and chronic periodontitis by estimating of serum cortisol and serum chromogranin-A levels
3. were employed--?? (materials and methods ), healthy periodontium group (200 subjects)- instead clinically healthy
4. follow 2017 classification for periodontitis
5. introduction is too lengthy, too much of jargon , needs to condense
6. introduction - last part- assess the association- incorrect
7. materials methods- study design is wrong- it is a cross sectional study and not case control, survey doesnt have blinding
8. sample size calculation?
9. avoid using patients- instead use subjects
10. no need to highlight the text
11. Patients who were under antibiotic treatment and had undergone periodontal treatment 6 months before the examination- mention separately- history of antibiotics intake for past 3 months
12. smokers- add in exclusion criteria
13. define groups based on 2017 classification
14. The present study was a comparative, case-control, single-blind study carried out on 400 systemically healthy patients- wrong
15. results section - text is missing only tables are present
16. discussion part is too elaborate, unnecessary explanation- needs to be cut down- only study results to be discussed and compared with previous literature
17. literature cited in discussion should not be adding statistical figures
18. looks like result section is mixed with discussion part
19. discussion needs complete make over
20. limitation- biases- stress due to other factors
21. conclusion- should be in present tense
22. final comment- lot of corrections needed under each section, study is not novel as it is well accepted fact that stress is a contributing (environmental factor) associated with periodontitis .

