Reviewer’s report

Title: Serum and Salivary Ferritin and Hepcidin Levels in Patients with Chronic Periodontitis and Type 2 Diabetes Mellitus

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Reviewer: BIJU THOMAS

Reviewer’s report:

This is a well designed study to evaluate the serum and salivary ferritin and hepcidin levels in chronic periodontitis and type II diabetes mellitus patients.

The use of both the serum and saliva as the diagnostic media helps to better understand both the local and systemic effects of iron and hepcidin levels.

The number of studies on the role of iron disorders in chronic periodontitis are limited in the literature. The iron excess by the periodontal pathogens, P. gingivalis and P. intermedia which is postulated in this study cannot be completely accepted as they are not the predominant microorganisms associated with chronic periodontitis.

The statement that chronic periodontitis is a risk factor for iron overload cannot be substantiated based on the present study and the literature available, although studies have shown increased ferritin levels in chronic periodontitis.

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?
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I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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