**Author’s response to reviews**

**Title:** Zirconia crowns cemented on titanium bars using CAD/CAM: A five-year Follow-Up Prospective Clinical Study of 9 Patients

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**Author’s response to reviews:**

December 3, 2019

Dear Editor Prof. Francesco Mangano
Digital Dentistry section of BMC oral health

Thank you very much for reviewing our manuscript.

Please find here attached the revised version of the “Zirconia crowns cemented on titanium bars using CAD/CAM: A five-year prospective case series.” by Antonio Scarano, Marco Stoppaccioli, Tommaso Casolino.

All the changes suggested by the reviewers have been carried out in the manuscript and have been highlighted in green and in red the sentences deleted.

Thank you very much for your interest and assistance.

Comments to Referee’s report 1

1) in the abstract you should clearly state that these 9 patients were fully edentulous, because you treated 9 patients with 18 rehabilitations, so these patients were fully edentulous in the upper and lower jaws. the correct terminology you should use in the abstract is "upper jaw" and "lower jaw" or as alternative "maxilla" and "mandible", but you cannot identify the max-illa with the generic term "jaws" because it is not appropriate. in addition, the exclusion crite-ria should stand after the inclusion criteria and not after you report on the included patients (patient number). moreover i would appreciate if you could identify if your study was pro-spective or retrospective, and to define the outcome variables is necessary. the abstract re-sults should be expanded.

-This change has been made in the title and abstract.
2) more key words are needed, add 2 more

-The two key words have been added.

3) introduction. apparently, there are issues with the reference list. in fact, you cannot start from ref. 4. where are ref. 1, 2 and 3? please rewrite.

-the references been reordered

4) please insert page numbers in your word document. anyway when you cite Prof. Branemark and the Toronto bridge, you fail to provide appropriate references and the work of Prof. Zarb is not mentioned- why the Toronto bridge has this name? not only because of Branemark.

-The reference of Zarb has been added.
"The classic Torontos have a titanium bar with teeth and resin flange, this prosthesis has a good prognosis, but it is, unfortunately, not equally valid over time from an aesthetic point of view, and acrylic resin does not allow an adequate resistance response when the prosthesis is subjected to a load" no references here? who tells this?

-The references been reordered

4) methods. no need to report the link for declaration of helsinki. once again not clear if the study is a prospective or a retrospective one. methodology must be clarified. inclusion and exclusion criteria should stand before to give the number of enrolled patients. it is advisable to divide and split the methods in different sections. what were the variables investigated in this study? why you do not mention them? does the work include a statistical evaluation? if yes, a few words on that are recommended.

This changes has been added

5) results section should be structured in full accordance with the variables investigated as highlighted in the methods, more order is needed here
-This section has been structured in full accordance with the primary and secondary outcome.

6) no one single word on the limits of your study, but i have mechanical doubts on this structure, that should be considered in the light of the evidence emerging from the literature
-The limits of this study has been added in conclusion section-

7) the conclusions are ok but the results of the study should be summarized in order.
The results of the study have been summarized in this section.

8) references are appropriate in content, but here ref 1, 2 and 3 appear, but these references are not in the text, please control this.
These references have been added in the tex.
9) fig. 6 b, i do not see the prosthesis in the mouth, i want to see the full picture with the patient, it is not acceptable to cut the figure as it is, i do not see the whole picture. A new picture has been added.

I remain sincerely yours,

Antonio Scarano