

Reviewer #1:

**Conclusion:** Major revision

**Specific Comments to Authors:**

1、 The CARE Checklist needs to be filled up.

Thanks for your reminding, we have read and filled up the CARE Checklist-2016, and upload it in the system.

2、 Informed consents of all patients should be submitted instead of only one.

I'm so sorry for this, this is our negligence, we have submitted the four patient's informed consents and packed them in a folder.

3、 it is necessary to provide more details about patients' disease history, treatment and follow up. These issues need to be discussed in more details in the Discussion section, as well. Otherwise, authors should present this manuscript as a clinical research.

Thanks for pointing out our mistake, we have rewrote "Case Presentation" part and added "Chief complaints" "History of present illness" "History of past illness" "Personal and family history" "Physical examination" "Laboratory examinations" "Imaging examinations" part to provide more details about patients' disease history and meet the requirements of editors' comments. We also add "Final Diagnosis" "Treatment" and "Outcome and Follow-up" parts to provide more details about patients' disease treatment and follow-up. At the same time, we add these issues in the Discussion section to make the case report more intact.

Reviewer #2:

**Conclusion:** Accept (General priority)

**Specific Comments to Authors:**

The authors present a study of the palatal radicular groove microbiota, based on a series of four cases. The case is clearly written and accompanied by high quality illustrations.

Thank you