## Peer Review File

Article information: http://dx.doi.org/10.21037/apm-20-1978

**Comment 1:** In lines 94-95 in cases of differences between the two researchers the consensus will be achieved between these researchers or has been a third researcher?, please clarify. Also, I recommend in line 94 use initials instead of names to indicate the researches who verify the data.

**Reply 1:** We have modified our text as advised.

Changes in the text: (Revised version) See Page 7, line 120-122.

**Comment 2:** -Figure 3B: please add abbreviations used in the figure; for instance: Univ, university.

**Reply 2:** We have modified our text as advised.

Changes in the text: (Revised version) See Page 32, line 492.

**Comment 3:** -Figure 6: there are multiple spelling errors, such as osteomyeliti instead of osteomyelitis. Please review and correct.

**Reply 3:** We have modified our text as advised.

Changes in the text: (Revised version) See Page 35, line 514.

**Comment 4:** -Table 1: please add abbreviations used in the table or modify the text inside the table; for instance: Univ, university.

**Reply 4:** We have modified our text as advised.

Changes in the text: (Revised version) See Page 23, line 460.

**Comment 5:** -Table 5: there are multiple spelling errors in keywords list, such as septic arthriti instead of septic arthritis. Please review and correct.

**Reply 5:** We have modified our text as advised.

Changes in the text: (Revised version) See Page 27, line 468-469.

**Comment 6:** -Table 7: there are multiple spelling errors in keywords list, such as absce instead of abscess. Please review and correct.

**Reply 6:** We have modified our text as advised.

Changes in the text: (Revised version) See Page 29, line 473; Page 30, line 474.

**Comment 7:** Discussion section is well structured with different sections. Authors manage well the discussion leading a good comparison with the showed references.

However, author should discuss the results showed in lines 163-168, because I have lacked the discussion about these results.

**Reply 7:** We have added discussion about the results showed in lines 163-168. Changes in the text: (Revised version) See Page 14, line 296; Page 15, line 297-298.

**Comment 8:** Please follow the attached "Submission Checklist for Authors" and revise your paper if needed.

**Reply 8:** Our manuscript assessed by reviewers was written in accordance with the attached "Submission Checklist for Authors". No more modifications were required. **Changes in the text:** (Revised version) None.

**Comment 9:** a. The article doesn't need to follow a Checklist for reporting standards. Please place "N/A" in the "Submission Checklist".

**Reply 9:** We have added "N/A" in the "Submission Checklist".

Changes in the text: (Revised version) N/A.

**Comment 10:** b. "Data Sharing Statement" is a statement made by authors to confirm their willingness of sharing raw data/patient information related to the article with others. We attached a template for your reference.

**Reply 10:** We have submitted a "Data Sharing Statement".

Changes in the text: (Revised version) N/A.

**Comment 11:** c. Conflict of Interest (COI) Form must be provided, as suggested by ICMJE: (http://www.icmje.org/conflicts-of-interest/). Each author should submit a separate form and is responsible for the accuracy and completeness of the submitted information. COI form download link: https://cdn.amegroups.cn/static/public/COI-Disclosure-(please-use-an-Adobe-Acrobat-Reader-to-open).pdf.

**Reply 11:** Each author have submitted a COI form.

Changes in the text: (Revised version) N/A.

**Comment 12:** d. Please indicate if any of the authors serves as a current Editorial Team member (such as Editors-in-Chief, Editorial Board Member, Section Editor) for this journal.

**Reply 12:** None of the authors serves as a current Editorial Team member (such as Editors-in-Chief, Editorial Board Member, Section Editor) for this journal.

Changes in the text: (Revised version) N/A.

**Comment 13:** e. Please confirm that all figures/tables in your manuscripts are original; if not, permission is needed from the copyright holder for the reproduction.

**Reply 13:** We have confirmed that all figures/tables were original.

Changes in the text: (Revised version) N/A.

Comment 14: f. We are using the "Submission Checklist for Authors" to double-check your manuscript, place "Y" on blank space if you confirm your manuscript has followed the requirement. Place "N/A" if not applicable. If further explanation is needed on a certain item, you can copy the Item and write explanations down below. A filled "Submission Checklist for Authors" should be submitted to the editorial office, along with other required documents.

**Reply 14:** We have submitted a filled "Submission Checklist for Authors" along with other required documents.

Changes in the text: (Revised version) N/A.