

# Review of: "Bisphosphonate-Related Osteonecrosis of the Jaws Treated with Platelet-Rich Plasma: Preliminary Results from a Case Series"

Muhammad Kamil Hassan<sup>1</sup>

<sup>1</sup> Universiti Malaya

Potential competing interests: No potential competing interests to declare.

Dear Authors,

Thank you for submitting your manuscript.

My decision is that I would not be able to accept this manuscript as is.

My reasons are:

1. This study has no comparison to a control group and hence the results are very biased.
2. The surgical protocol also includes the use of hyaluronic acid (Gengigel) and the use of antibiotics. The question here is that whether there is any benefits of PRP in this case, or was it a coincidence of normal healing with adjunct use of antibiotics. Again, no other groups to compare with.
3. With regards to the patients recruited for the study, what type of bisphosphonate drugs were they receiving. were they all oral or intravenous? the risk and prognosis of BRONJ according to these different BP groups are different and staggering. it was not mentioned in the study regarding this. what were the underlying disease that these patients had to require BP treatment? what were the stages of their MRONJ during presentation? as different stages will have different prognosis and treatment indications.
4. The preparation of PRP with avoiding the F1 (leukocyte rich) is quite subjective. what measures were taken to ensure there no F1 withing the preparation at all?
5. The use of figures does not reflect parts of the methodology.
6. Some photos such as figure 15 shows the plasma with a biomaterial? GBR vs GTR? what is the relevance of these figures? it was not mentioned that any bone graft used in this study as the focus was towards PRP.
7. Some of the figures such as centrifuge machine and labels of BPFC collecting tube (figure 11) seems to be taken from a different source that is not cited.