

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

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Potential competing interests: No potential competing interests to declare.

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

The article at present is short and lacking in a few scientific components.

Here are some suggestions.

Abstract

Your abstract is too brief. In the methodology section, please elaborate about the 35 subjects. Examples: What was their medical diagnosis. Which sites of the jaws were involved? etc

Same goes to you Results which is too brief. Please put in some more descriptions

Introduction

1. There are real incidence and prevalence of BRONJ. Please quote them.
2. Please describe platelet rich preparations that have already been reported.
3. Need to explain about BPFC (Bioplasma riccoin fattori di crescita) (Bioplasma®) and what are the difference or similarities between this product and other platelet rich plasma?

Materials & Methods

Patient selection

1. You need to describe many more variables for the characteristics of patient and clinical findings for Table 1 as well as characteristics of the outcome of surgery. The study protocol was approved by the Ethical Committee for Human
2. Studies of the "Ospedale di Circolo" - University of Varese – need to put the code and date of approval. Need to describe the parameters you are investigating in detail.
3. For the parameters assessing the effectiveness of PRP, more scientific evaluation needs to be placed

Example: If pain...was there a pain score involved?

Results

Table 1 and the description about the patient their clinical characteristics should be placed in Results.

Please describe the clinical findings in detail in a few paragraphs above Table 1.

Some suggestions for additional columns in Table 1 and clinical descriptions.

- i) Mean age of 64 years, what is the standard deviation.
- ii) What were their medical diagnosis?
- iii) What bisphosphonates (BP) they were on? For how long? Was it the injectable or oral BP?
- iv) What were the sites involved in the mandible and maxilla?
- v) What cause BRONJ in each patient? Tooth extraction? Ill fitting denture? etc
- vi) Did the patients have any medical illness (that may compromise healing)
- vii) Did all patients complete the 12 month follow up?
- viii) Please show cone beam CT or a dental panoramic tomogram image of pre and post surgery

Please describe the difference of parameters assessed:

Example: i) pain score before and after surgery

ii) how long did every patient take for complete mucosal coverage

and so on.

Discussion

Your discussion can be improved further.

1. Any other study uses B.P.F.C. Bio-Plasma® Rich in Pure Growth Factors®?

Describe them

2. Why would you promote PRP compares to PRF?
3. What are the differences between other studies that use PRP compared to your study
4. When it is a case series study, it is very difficult to conclude that the B.P.F.C. Bio-Plasma is responsible for healing in your patients as you also prescribed a) antibiotics b) Gengigel c) pro-biotics
Please discuss this individual agent and its relationship to healing.
5. Please include Limitation in your Discussion section.

