

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.

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

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The author presents a successful treatment for a common pathology in dentistry. Some proposals for improvement are presented below.

Abstract:

-The abstract lacks key words, any reason?

Introduction:

-More complete current indications on the diagnosis of BRONJ (oral examination, radiology, C-Telopeptide levels) and treatment are necessary in this type of study.

-Apart from dental extractions, there are other types of dental interventions in patients taking BPs, such as apicoectomies, periodontal surgeries and dental implant placement, where BRONJ have also been documented. The authors must include these aspects.

M&M:

-Table 1 should go in Results. It would be of interest to include what type of BPs the patients took, and whether they were oral or intravenous.

-An ethics committee reference number is required.

Results:

-The author says: "...all 75 BRONJ patients were treated successfully." Aren't there 35 sites that have been treated?
Correct.

-There are 5 osteonecrosis lesions in patients with periodontal disease. What does it refer to? Lesions that appeared after periodontal surgery? After SRP? Clarify.

Discussion:

-The author repeats in the first part of the discussion, content of the introduction, and there is new information, which should go in this section (introduction). The author should stick to comparing his treatment with other PRP used, advantages, disadvantages. Limitations.....

-Another aspect that the author must address in this section is the use of hyaluronic acid (HA) together with B.P.F.C. in the treatment of patients. Could we not expect a possible effect of HA on the final results? HA is known for its healing effect on soft tissues. By mixing two treatments, the author introduces a confusion factor, which forces the statements about the effect of PRP to be qualified.