

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.

BRONJ is a refractory disease, and it is important to establish a treatment strategy. PRP has been applied in a variety of fields, and its effectiveness in wound healing suggested that PRP application to BMONJ treatment may be promised. In this respect, this preliminary study is important. However, it is questionable whether the study was structured as a research project due to the following points.

Materials and Methods

1. No approval number of the ethical committee was described.
2. Table 1 should be moved to the Result section.
3. In patient selection, inclusion and exclusion criteria should be clarified.
4. There was no description how BRONJ was diagnosed. Is it possible to diagnose cases as BRONJ without fistula and bone exposure?
5. There was no description what kind of BP, how long BP was prescribed.
6. There was no description about the primary and secondary endpoints.
7. There was no description about neurological symptoms and primary disease for BP prescription.
8. There was no description how long patients suffered from symptoms of BRONJ.

Surgical Procedure

9. There was "necrotic and infected bone was removed" at this section. It was often difficult to distinguish the affected and health bone during the surgery. How osteotomy site was determined.
10. There was "The site was covered with the fibrin membrane" at this section. It was unclear what the membrane was.
11. Was the control group set in this study?
12. Were there any cases that the maxillary sinus was connected with the oral cavity after surgery?

13. Were there any cases that the lesion expanded including the inferior alveolar nerve?
14. There was no description about the extent of the resection.
15. Figures of operative findings should be added.
16. Preoperative imaging findings (CT, MRI, etc.) showing the extent of inflammation and periosteal reaction are needed.

Results

17. There was no postoperative imaging.
18. There was no stage of BRONJ in each case.

Discussion

19. It was unclear whether the PRP was effective or the surgical procedure was effective due to the lack of control.
20. Similarly, it was unclear whether the PRP used in this study or PRPs created by other methods were effective.