



Platelet-rich plasma as filling material in open sinus lift surgery

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Background

Many biomaterials are used during the open sinus lift surgery, beneath the elevated schneiderian membrane and maxillary sinus bony floor but the search for Ideal material continues.

Methods

In the maxillary posterior atrophic ridges with the bone height less than four millimeters the open sinus lift surgery performed. The autologous Platelet-rich plasma (PRF) was used as the sole grafting material. Dental implant insertion was not attempted at the same session.

Results

Three month after surgery, good density of the bone was observed in OPG.

Conclusion

Use of Platelet-rich plasma as grafting material in open sinus lift should be considered. It has benefit of omitting the need for donor site for bone grafting.

Keywords: Platelet-rich, plasma, sinus

Poster Presentation

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