

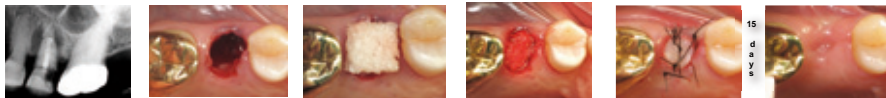
Ridge Preservation in the upper Premolars for avoiding Sinus Lift Procedures. *Case Report*

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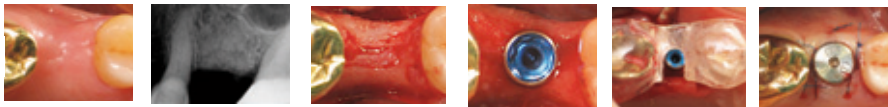
Abstract: Sinus lift procedures increase the morbidity of the surgery in atrophic sites in the near of the sinus ridge areas before implant placement. The present case will show the rationale use of a biomaterial in order to place implants avoiding sinus elevation therapy.

Methods: A 61 year old female patient visited the dental office because of mobility at tooth # 12. Radiographically a fractured can be seen in the peri-apical portion and radiolucency image up to the floor of the sinus is present. Mobility type 3 has been checked and supuration throughout the sulcus was present. Fractured and endo-perio lesion was diagnosed. Extraction and curettage of the lesion was carried out following the installation of Bio-Oss Collagen (100mgs) and covered with a free gingival graft taken from the palate and sutured. The patient went to antibiotherapy (Amoxicillin) and pain killers (nimesulide) for seven days and recalled for control 10 days after where sutures were removed. 6 months later significant bone disponibility was observed and implant (Keystone dental) was installed with the placement of the healing screw after a full thickness flap was elevated.

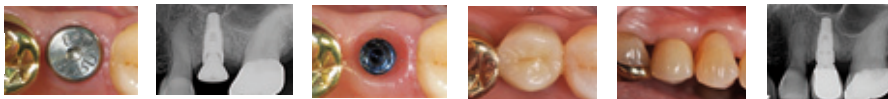
Day 1



Month 6



Month 9



1 year
Control



Conclusions: Premolars in the maxillae might not need the use of sinus elevation techniques in compromised implant stability aspects (i.e lack of primary stabilization) after tooth extraction in the vicinity of the maxillary sinus. Ridge preservation with a tested biomaterial demonstrate to maintain the ridge height for the final implant and restoration outcome by not increasing morbidity with the need of sinus lift techniques.