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5TH INTERNATIONAL CAMLOG CONGRESS
26TH – 28TH JUNE 2014, VALENCIA, SPAIN

CLINICAL EFFECTS OF RIDGE AUGMENTATION WITH THE RAMUS BLOCK GRAFT FOR THE PLACEMENT OF SINGLE DENTAL IMPLANTS IN THE ANTERIOR MAXILLA: A CASE REPORT

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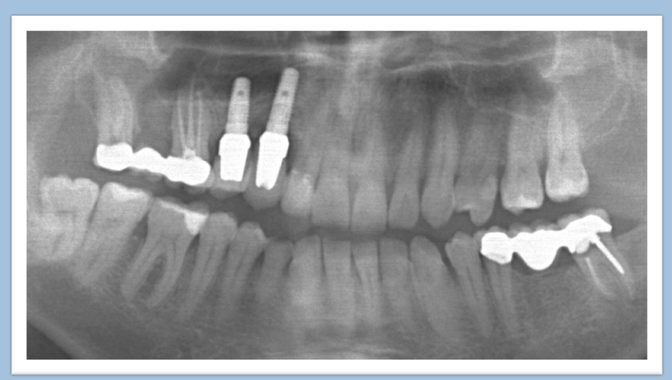
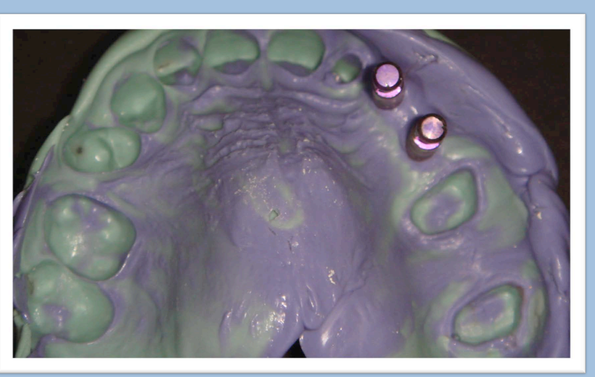
Objectives: The aim of this study was report a case that has been treated with a single Camlog implant placed in autogenous grafted bone.

Materials and Methods: In this case, the implant site was evaluated with CBCT (Cone Beam Computed Tomography) of a 24 years old male patient and the bone volume was found to be horizontally insufficient. Bone graft was harvested from mandibular ramus and bone modeling was waited for four months. The single missing tooth of the patient was treated with an implant (Camlog® screw-line implants, Biotechnologies, Basel, Switzerland) supported all ceramic crown. A screw retained provisional restoration was fabricated with using the temporary abutments for soft tissue remodeling after 4 months of osseointegration and the restoration was fabricated with using ceramic abutment (CAMLOG® Tube-in-Tube Connection) after three weeks.

Results: The patient was recalled at the 6th month and 1st year after the prosthodontic treatment. The patient satisfaction was high at 1-year evaluation. In this case there was no complications after the augmentation process and implant placement.

Conclusion: This case demonstrated that implants placed in anterior atrophic maxillae augmented with mandibular block graft showed stable hard and soft tissue levels and reasonable esthetic outcomes over the 1-year.



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