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INCREASING THE ATTACHED GINGIVA AROUND THE IMPLANT : CASE REPORT

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INTRODUCTION

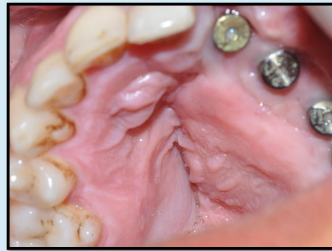
There may be a shallow vestibular problem in patients with cleft lip and palate. For ideal implant rehabilitation, an adequate stable and healthy soft tissue are required . Aim of this case report was treatment of inadequate attached gingiva around the implant in patient with cleft lip and palate.

MATERIAL AND METHODS

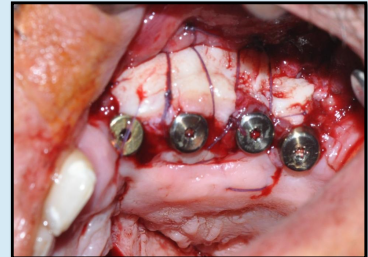
A 36 year old male patient presented to our department with inadequate attached gingiva around the implant at left posterior maxilla. He has cleft lip and palate. After the implant surgery, keratinized gingiva was absent in the buccal of the implant and the vestibular groove was shallow. The free gingival graft(FGG) technique was used to solve the vestibular groove and the absence of attached gingiva around the implant. Periimplant recipient area was prepared. FGG was harvested from the palate and sutured. Sutures were taken postoperative tenth day and the patient examined 3 months after cemented fixed partial denture.



Preoperative clinical view



Preoperative clinical view



Operation



Clinical view 10 days after the operation



Clinical view 1 month after the operation



Clinical view 3 months after the cemented partial denture

RESULTS

Implant loading and prosthetic restoration showed favorable outcome after operation. The amount of keratinized tissue around the implant was sufficient.

DISCUSSION

Soft tissue defects, such as gingival and connective tissue, play crucial roles in long-term implant success. There are many methods for treatment this defects. This case and current literature show that free gingival graft can provide succesful results around implant.

KEY WORDS: Attached gingiva, cleft lip and palate, free gingival graft