



# IMMEDIATE IMPLANT PLACEMENT WITH IMMEDIATE RESTORATION IN MAXILLARY AESTHETIC ZONE: A CASE REPORT



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## INTRODUCTION

This case describes immediate implant supported prosthetic rehabilitation of mobile and discolored over-retained deciduous right maxillary canine.

The protocol followed was ITI 1B Protocol: Immediate Placement with Early Loading

## CASE PRESENTATION

Patient: 34 years / female ; Faculty of Nursing Department  
Presented with retained deciduous maxillary canine on the right side. Discolored and grade 2 mobile. R/G: No periapical abnormalities or bone loss  
C/C: The patient wanted immediate fixed restoration  
Treatment plan: Immediate Implant Placement with Non- functional Loading  
13mm X 3 mm [AB Dental Implant System] conical was selected

## DISCUSSION

In this case, overall bone density D2, thick gingival biotype, intact buccal plate<sup>1</sup> and the area being at aesthetic zone; Immediate placement of implant with immediate non functional loading was planned and executed accordingly.

Immediate implants placed in fresh extraction sockets are proven, predictable and evidence-based treatment modality that offers certain benefits to patients. Ribeiro et al<sup>2</sup> reported immediate nonfunctional loading of immediate placed implants had a relatively high success rate (93.5%)



Fig.1 Initial Case Presentation (discolored mobile retained deciduous canine) indicated for extraction

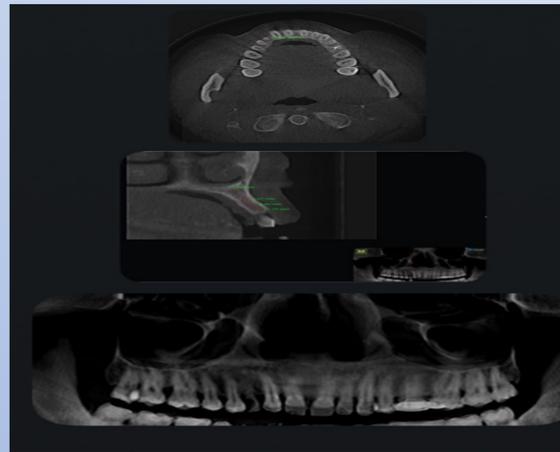


Fig.1A CBCT & OPG of concerned area



Fig.2 Socket after Atraumatic extraction



Fig.3 IOPAR of Implant placed



Fig.4 Implant In-Situ

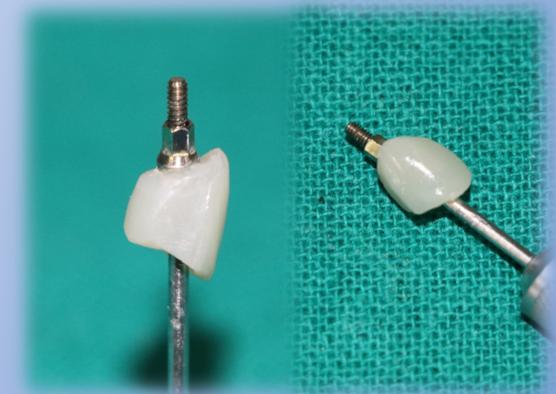


Fig.5 Provisional screw retained crown Chair side made



Fig.6 Immediate non functional restoration with screw retained provisional crown



Fig.7 Final implant supported crown restoration in place

## CONCLUSION

Careful case selection, diagnosis and treatment planning along with meticulous extraction of the tooth along with good primary stability is the paramount in achieving success of immediate implants.

## REFERENCES

1. Koh RU, Rudek I, Wang HL. Immediate implant placement: positives and negatives. *Implant Dent.* 2010 Apr;19(2):98-108. doi: 10.1097/ID.0b013e3181d47eaf. PMID: 20386212.
2. Ribeiro FS, Pontes AE, Marcantonio E, et al. Success rate of immediate nonfunctional loaded single-tooth implants: Immediate versus delayed implantation. *Implant Dent.* 2008;17:109-117.