



SIMPLIFYING THE SURGICAL MANAGEMENT OF HYPODONTIA

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Background:

Dental implant insertion is a widely accepted and effective solution for addressing hypodontia, particularly in cases involving the absence of maxillary lateral incisors. The treatment of congenitally missing lateral incisors through dental implants offers several advantages, including improved aesthetics, function, and patient satisfaction. However, successful implant placement requires careful consideration of various factors, including bone quality, implant design, and the overall treatment plan.

Case presentation:

This is a case of a 45 years old, healthy female patient with absence of the permanent right maxillary incisor, managed solely using dental implant. The decision and final treatment plan went in the direction of applying a minimally invasive surgical technique with implementing additional material time-consuming procedures.

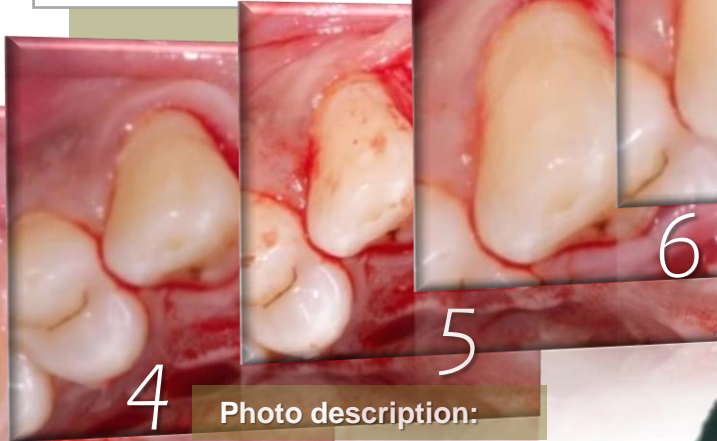
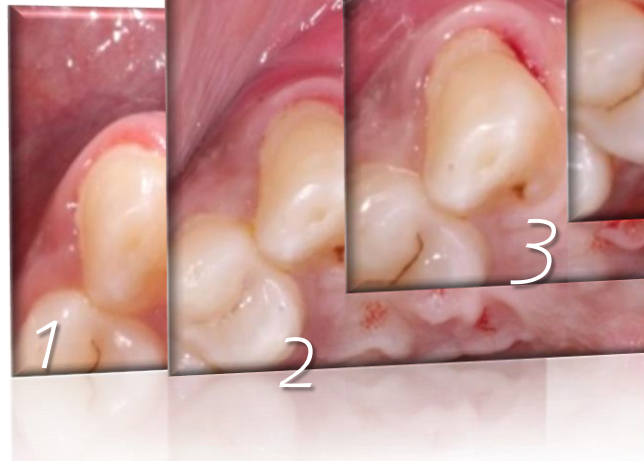


Photo description:

1. & 2. Preoperative view
3. Palatal de-epithelialized tissue
4. Buccally rolled flap
5. Ridge splitting by Piezo
6. Implant placement
7. Buccally rolled flap
8. Healing abutment placement
9. Post-operative view



- A. Preoperative bone condition
- B. Soft tissue elevation
- C. Ridge splitting
- D. Implant inserted

Conclusions:

Dental implant insertion presents a viable and effective solution for managing hypodontia, particularly in cases of missing maxillary lateral incisors. The success of this treatment modality relies on thorough preoperative planning, assessment of bone quality, and a multidisciplinary approach to address the unique challenges presented by each patient. With appropriate management, dental implants can significantly enhance the quality of life for individuals with hypodontia.

