



Surgical and Restorative Considerations for Esthetically Failed Implants

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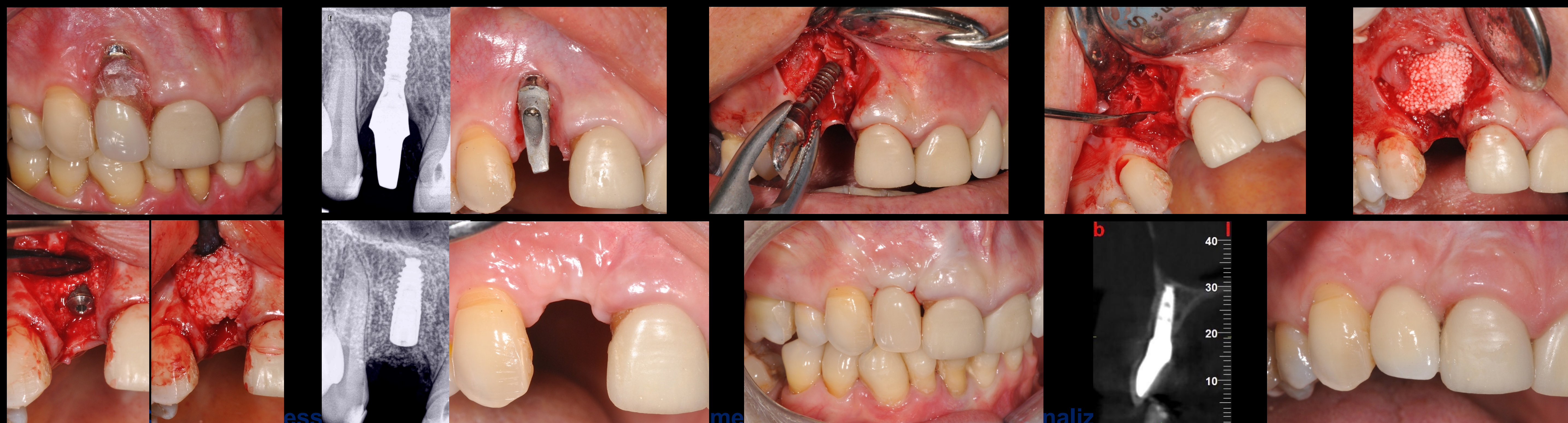
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Currently, dental implants are becoming a more popular procedure to replace missing teeth due to high success and survival rates. However, implant placement in the anterior maxilla, is still a challenge for clinicians, especially because of patient's expectations and esthetic demands. A case report is presented, which following an implant failure in the esthetic zone a new implant and restoration

were planned to satisfy the patient's esthetic demands. During the entire treatment, the patient was never left with an edentulous space. When treatment began, she was wearing a partial removable denture. The purpose of this case report is to demonstrate the step by step procedures used to manage an esthetic implant failure in a single tooth site in the anterior maxilla.

Case 1



Case 2



Case 3



1. Albrektsson T. The long-term efficacy of currently used dental implants: a review and proposed criteria of success. *Journal of Oral & Maxillofacial Implants*, 1986; 1: 11-25.
2. Fuentealba R, Jofré J. Esthetic Failure in Implant Dentistry. *Dent Clin N Am*, 2015; 59: 227-246.
3. Cooper LF, De Kok IJ, Thalji G, Bryington MS. Prosthodontic Management of Implant Therapy Esthetic Complications. *Dent Clin N Am*, 2019; 63: 199-216.
4. Cardaropoli D, Tamagnone L, Roffredo A, De Maria A, Gaveglia L. Preservation of Peri-implant Hard Tissues Following Immediate Postextraction Implant Placement. Part I: Radiologic Evaluation. *Int J Periodontics Restorative Dent* 2019; 39: 633-641.
5. Velasco-Ortega E, Wojtovicz E, España-Lopez A, Jimenez-Guerra A, Monsalve-Guil L, Ortiz-Garcia I, Serrera-Figallo MA. Survival rates and bone loss after immediate loading of implants in fresh extraction sockets (single gaps). A clinical prospective study with 4-year follow-up. *Med Oral Patol Oral Cir Bucal*. 2018 Mar 1; 23 (2): 230-236.
6. Scutellà F, Weinstein T, Lazzara R, Testori T. Buccolingual Implant Position and Vertical Abutment Finish Line Geometry: Two Strictly Related Factors That May Influence the Implant Esthetic Outcome. *Implant Dent*, 2015; 24(3): 343-348.
7. Chappuis V, Bornstein MM, Belser U, Buser D. Influence of implant neck design on facial bone crest dimensions in the esthetic zone analyzed by cone beam CT: A comparative study with a 5-to-9-year follow-up. *Clin. Oral Impl. Res.*, 2016; 27: 1055-1064.
8. Chrcanovic BR, Kisch J, Albrektsson T, Wennerberg A. Survival of dental implants placed in sites of previously failed implants. *Clin. Oral Impl. Res.* 2017; 28: 1348-1353.

