CASE STUDIES

Managing a Failed Blade Implant and Implantation with Root Form Implants: A Case Report

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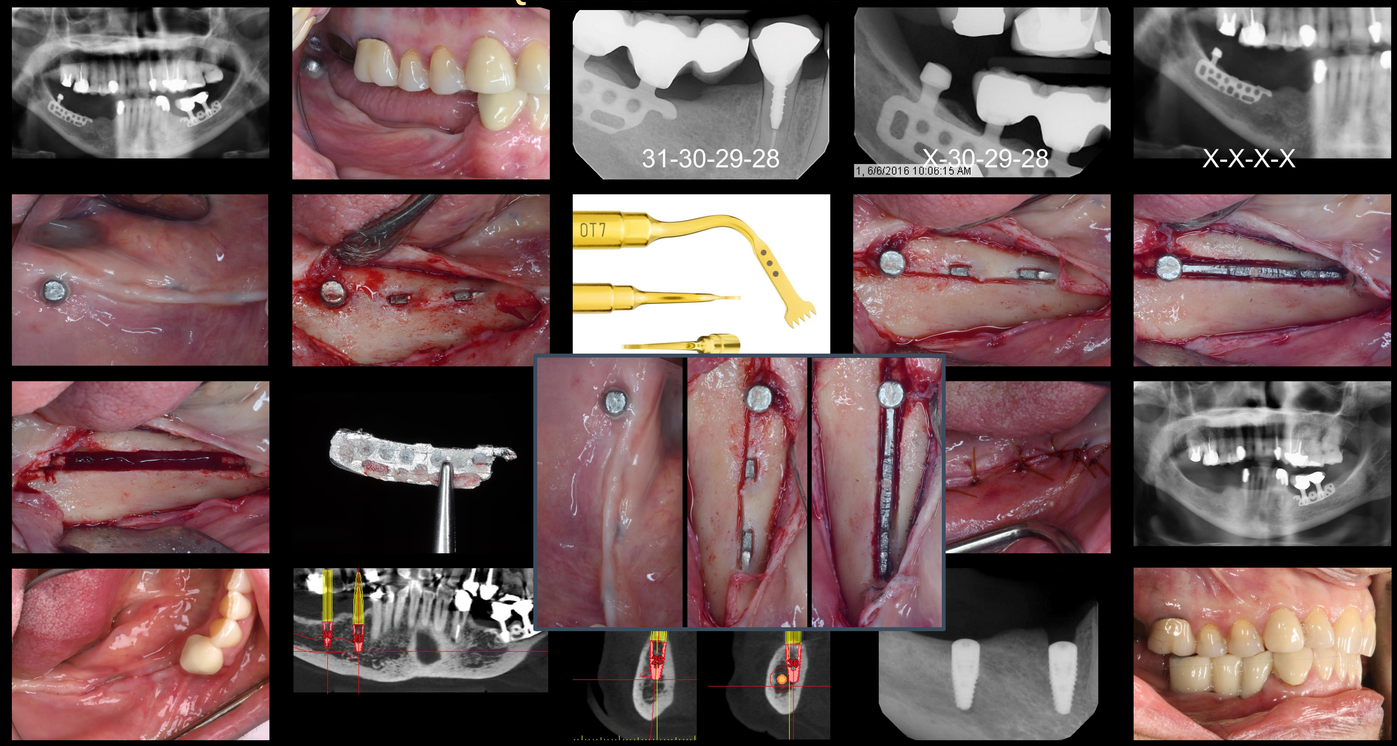
…Removing a failing blade implant is difficult, and replacement with a conventional implant is even more challenging, especially in a trauma-fearful patient. This case report demonstrates a successful solution…

Blade implants, popular in the past, have faced significant challenges, including insufficient osseointegration and complications related to their design. These issues have led to a shift towards conventional root-form implants, which provide better stability and success rates. The removal of failed blade implants and subsequent rehabilitation with conventional implants require precise surgical planning and execution, often involving bone augmentation and innovative techniques like the Custom Alveolar Ridge Splitting (CARS) technique or implant placement lingual/medial to inferior alveolar nerve. This case report details the surgical removal of a failed blade implant using piezo burs, followed by reimplantation with a conventional implant using the implant placement lingual/medial to inferior alveolar nerve technique. The report highlights the clinical approach, outcomes, and implications for future management of similar cases.

Keywords: failed blade implant, atrophic mandibular ridge, implant lingual to inferior alveolar nerve, case report

SEQUENCE OF PROCEDURE



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