

Vestibuloplasty and Free Gingival Graft (FGG) to Enhance Keratinized Tissue in a Fully Edentulous Mandible

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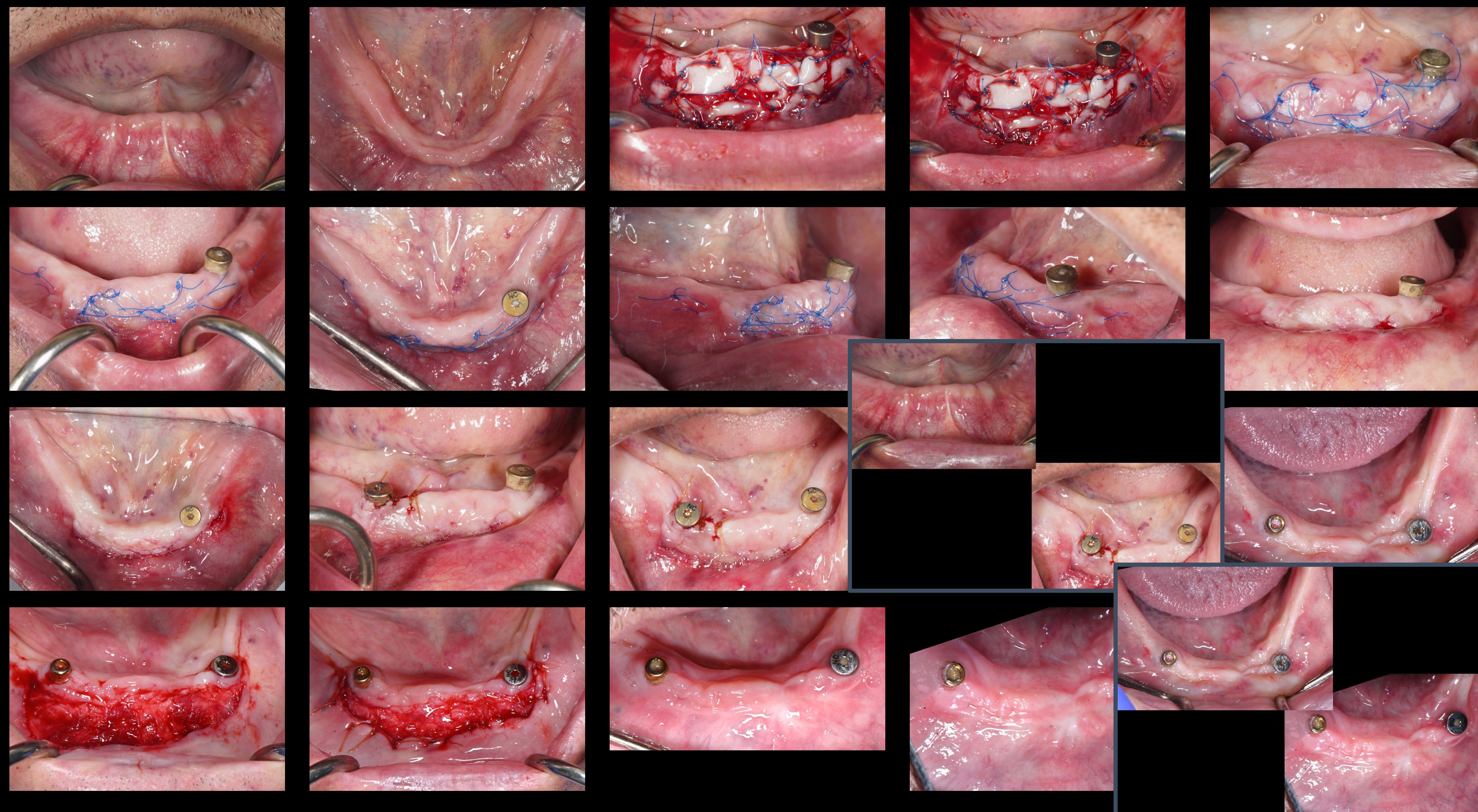
...Ensuring a sufficient zone of keratinized tissue is critical for long-term implant success and gingival health. This report examines vestibuloplasty techniques for implant-supported overdentures...

Mandibular overdentures supported by 2 to 4 implants have become a widely recognized solution for edentulous patients, offering significant improvements in retention, stability, and overall patient satisfaction when compared to traditional dentures. This treatment modality is particularly advantageous due to its cost-effectiveness and minimal invasiveness, making it an ideal choice for patients who are not suitable candidates for more complex procedures. A two-implant approach in the anterior mandible provides foundational support, greatly enhancing denture retention and functionality. However, using four implants offers superior stability, improved load distribution, and minimizes prosthetic movement,

which in turn enhances chewing efficiency and patient comfort. To achieve long-term success and maintain healthy gingival tissue around the implants, it is crucial to ensure an adequate zone of keratinized tissue. Careful clinical and radiographic planning is essential for proper implant placement and optimal overdenture performance. This report aims to demonstrate a step-by-step technique for increasing the zone of keratinized tissue in the edentulous mandible through vestibuloplasty and free gingival grafting, providing a foundation for both functional and aesthetic success.

Key words: keratinized tissue, apically positioned flap, vestibuloplasty, poorly grafted, palatal approach

SEQUENCE OF PROCEDURE



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