

Modified Custom Alveolar Ridge Splitting Technique to Improve Implant Angulation in the Posterior Mandible Area

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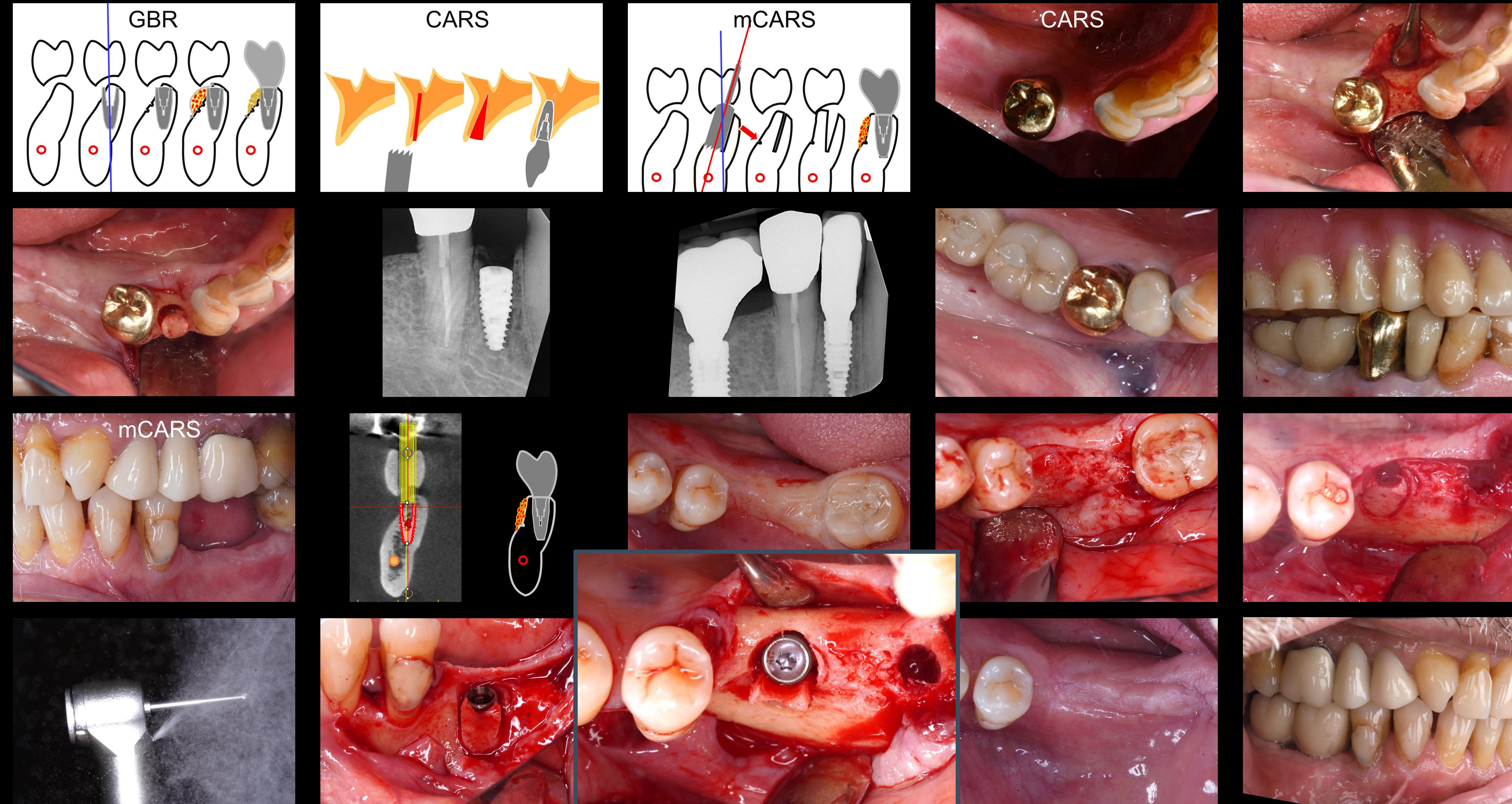
...Traditional ridge augmentation and implant placement often fall short, demanding innovation. This case report presents a modified custom alveolar ridge splitting technique, ensuring **predictable screw-retained restorations in the posterior mandible**. The approach optimizes implant angulation while preserving ridge contour and shape...

Implant restorations have revolutionized modern dentistry, offering a reliable solution for replacing missing teeth. Screw-retained restorations, favored for their retrievability and predictability, facilitate maintenance and modifications, providing better soft tissue management for optimal aesthetics and stability. However, their application in the mandible posterior area, especially on atrophic ridges, presents significant challenges. The anatomical complexity and aesthetic demands of this region require meticulous planning and precise execution. Traditional

techniques for ridge augmentation and implant placement often yield unsatisfactory results, necessitating innovative approaches. This case report introduces a modified custom alveolar ridge splitting technique tailored for the predictable use of screw-retained restorations in the posterior mandible area. This procedure allows for the adjustment of implant angulation while preserving ridge contour and shape.

Keywords: screw retained implant restoration, ridge augmentation, atrophic ridges

SEQUENCE OF PROCEDURE



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