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Prosthetic Rehabilitation of Atrophic Mandibular Ridge using Neutral Zone Technique and Modified Putty Index Method A Case Report

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ABSTRACT:

Achieving good denture stability in cases with atrophic ridges poses a challenge to many clinicians. Loose and unstable mandibular dentures are one of the most common complaints associated with resorbed mandibular ridges; effective method to overcome this problem is the neutral zone technique. This method aims at fabrication of denture in harmony with the surrounding oral musculature. Despite being highly effective this technique is less frequently employed because of its complexity and involvement of extra clinical steps. The modified putty index technique is comparatively easier and less time consuming than the conventional plaster indexing method. It helps in reducing the number of clinical appointments as the neutral zone impression and the maxillo-mandibular jaw relation can be performed in the same appointment with utmost accuracy. In this case, all techniques have been advocated to restore functional and aesthetic requirements of the prosthesis while providing optimum comfort and confidence to the patient.

Keywords: Atrophic Ridges, Complete Denture, Denture Stability, Neutral zone

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