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Revolutionizing Dentistry: Crafting Maxillary Hollow Dentures Using Innovative Putty Indexing – A Case Report

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ABSTRACT

Residual ridge resorption is a common phenomenon observed over the course of edentulism. Although resorption progresses more rapidly in the mandibular arch, severely resorbed maxillary ridges with increased inter-ridge distance and excessive restorative space—especially when combined with a long lip length—pose a significant challenge to the success of complete dentures. In such situations, the weight of the denture often acts as a dislodging factor, which can be managed effectively by fabricating a hollow prosthesis.

This clinical report describes a simplified and innovative technique for rehabilitating a completely edentulous patient with atrophic maxillary ridges using a hollow maxillary complete denture, utilizing silicone putty as a spacer during fabrication.

Key words: Complete denture, Hollow maxillary denture, Atrophic ridges, Residual ridge resorption

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