

27. Enhancing the retention in flat maxillary palatal vault with unilateral alveolectomy by incorporating multi-miniature suction chambers: a case report

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Majority of geriatric patients suffer a great deal of discomfort as a result of loose or ill-fitting dentures. Many denture wearers simply withdraw from any type of social engagement as a result of being compelled to wear them. A significant number of these patients have ill-fitting dentures with diminished or poor function due to a variety of reasons. The increased stability and retention allow denture wearer patients to increase the force they can apply during mastication. Improving retention and stability of denture is of a considerable interest in prosthetic dentistry. Denture technology is constantly moving forward and providing denture wearers with better and better options for denture comfort and fit. The basic retention needs of denture wearers has led to considerable. Experimentation and research efforts trying to perfect dentures that compensate for natural tooth loss and to enhance retention by any means possible, such as attachments, springs, magnets, clasps, adhesive paste and powder. All have been tried with minimum success. . This case report describes unique and creative option in removable prosthetic retention by use of a soft denture lining material surfaced with multiple miniature suction cups, providing an alternative to ill-fitting poorly retentive dentures.

DOI: 10.4103/0972-4052.246602