

Brazilian Oral Research

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Abstract

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Analysis of the prevalence of different topographical characteristics of the residual ridge in mandibular free-end arches. *Braz. oral res.* [online]. 2004, vol.18, n.1, pp. 29-34. ISSN 1806-8324. doi: 10.1590/S1806-83242004000100006.

This study observed the prevalence of different types of residual ridge inclination in free-ends of mandibles and reported possible correlative factors that may affect resorption. For this purpose, periapical radiographs and individual data collected from a sample of 64 hemiarches were used. Two radiographs were taken of each free-end, and tracing was employed to determine the angles formed by the resorption configuration in the area of the 1st mandibular molar. The following conclusions were drawn: 1) the great majority of alveolar ridges were distally descending; 2) the average angle was wider for users of mandibular removable partial dentures; 3) the results obtained suggest that the type of opposing maxillary arch affects the inclination of mandibular ridges; 4) greater inclination was observed when the 2nd bicuspids of the mandible were the abutment teeth; 5) no significant correlation was established between age, sex and residual ridge resorption.












Keywords : Denture, partial, removable; Radiography.

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