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✓ GINGIVECTOMY AS A MANAGEMENT OF GINGIVAL ENLARGEMENT IN ORTHODONTIC PATIENT: A CASE REPORT

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ABSTRACT

Introduction: Orthodontic treatment can cause a gingival enlargement. Gingivectomy is a surgical procedure in which gingival pockets are eliminated by removal of gingival tissue. Gingivectomy should be performed in case of gingival enlargement with the existence of pockets. Simple gingivectomy currently used as a surgical step if the pockets and enlargement still persist after periodontal initial treatment.**Objectives:** To eliminate pockets and to recontour the gingiva in orthodontic patient with gingival enlargement**Case:** A 24 year old female patient using orthodontic appliance for 2 years with gingival enlargement on anterior lower gingiva. Clinical examination there was an enlargement on anterior lower gingiva, plaque score average. Radiographic examination showed no bone loss and no periapical lesion. Patient was diagnosed with chronic generalized gingivitis and anterior lower gingival enlargement.**Case Management:** Gingivectomy was done after periodontal initial treatment, scaling and rootplaning, one week and one month control showed no enlargement on gingiva and no pocket.**Conclusion:** Gingivectomy is used to eliminate pockets and gingival enlargement caused by orthodontic appliance.

Keywords: Gingival enlargement, gingivectomy, orthodontic