

## THE ROLE OF GINGIVECTOMY IN PROVIDING ANTERIOR AESTHETICS

Introduction: Gingivectomy is a procedure performed to lengthen the crown length and/or to remove exaggerated gingival appearance in teeth with inadequate clinical crown length before prosthetic applications.

Gingivectomy procedure is indicated for the removal of gingival tissue in the aesthetic area by laser, scalpel or electrocautery.

In this study, it is aimed to explain the restoration of lost aesthetics and function in the anterior region by completing oral preparation with periodontal applications and fixed prosthetic applications with a case report.

Case Description : A 19-year-old female patient was admitted to Ankara University Periodontology Clinic with the complaint of poor appearance of her related teeth. The patient's anamnesis revealed that she did not have any systemic disease. In the intraoral examination of the patient, there was no bleeding on probing of teeth numbered 11-21; plaque score was recorded as 1. In addition, a 2 mm gingival pocket was detected on the labial aspect of teeth 11 and 21. Free gingival growth was present in this area. Radiographic examination did not reveal any pathology. Phase I treatment was initiated. Oral hygiene education was given to the patient. When the patient's gums became clinically healthy, Phase 2 treatment was initiated. Gingivectomy was performed.

The patient was allowed to heal for 14 days before proceeding to the prosthetic phase. After the post application, monolithic zirconia made with cut back technique was applied to the related teeth.

Discussion : The patient achieved aesthetic results after the treatment. It was concluded that gingival visibility is an important parameter in terms of aesthetics. The follow-up process of the patient continues.

Key words: Gingivectomy, Crowns, Anterior Aesthetics