

Bölüm 11

DİŞ HAREKETİNİ HIZLANDIRMADA KULLANILAN CERRAHİ TEKNİKLER

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GİRİŞ

Ortodontik tedavilerin uzaması sonucu diş çürükleri ve kök rezorbsiyonları gibi istenmeyen etkiler meydana gelebilmektedir. Bu etkilerin azaltılması amacıyla diş hareketlerini hızlandıran bazı yöntemler geliştirilmiştir. Bunlardan bir tanesi de cerrahi tekniklerdir.

CERRAHİ UYGULAMALAR

Kortikal kemiğin diş hareketine en fazla direnç gösteren yapı olması sebebiyle kortikal kemikte yapılacak olan kesilerin diş hareketini hızlandıracağı ilk olarak Köle tarafından bildirilmiştir. Köle, hem bukkal hem de palatal ve subapikal bölgede oluşturduğu kortikal kesilerle kemik bloklarının tanımını literatüre kazandırmıştır (1).

Düker tarafından 1975 yılında alveoler kretten 2 mm uzaklıkta yapılan subapikal kesiler sonucunda diş hareketinde hızlanma olduğu, ayrıca diş ve pulpal dokuların herhangi bir zarar görmediği belirtilmiştir. Köpekler üzerinde yapılan bu çalışmada Köle'nin tarif ettiği şekilde uygulanan kesiler sonucunda 8 ila 20 gün gibi kısa bir sürede 4 mm'lik bir diş hareketi sağlanmıştır (2).

Gantes ve arkadaşları, çekimli sabit ortodontik tedavi uygulanan hastalarda üst çene ön bölge 6 dişi içeren bukkal ve palatinal kesiler ile tedavi süresinin geleneksel yöntemle göre daha hızlı tamamladığını bildirmiştir (3).

Suya da vertikal interdental kesiler sayesinde tedavi süresinin kısaldığını ve kesilerin diş hareketini hızlandırmakla birlikte herhangi bir yan etki oluşumuna sebep olmadığını göstermiştir (4).

Sebaun ve arkadaşları kortikotomi sonucunda meydana gelen değişiklikleri inceledikleri laboratuvar çalışmasında cerrahi alanda esas olarak ilk 3 haftalık dö-

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