

BÖLÜM 7

MAKSİLLA VE MANDİBULADA ORTODONTİK MİNİVİDA UYGULAMALARI

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Ankraj, istenmeyen diş hareketlerine karşı olan direnç olarak tanımlanır. Ankrajın kontrol edilmesi tedavinin başarısında önemli bir faktördür. Ankrajı güçlendirmek için günümüze kadar farklı yöntemler uygulanmıştır (1–4).

Mutlak ankraj, ortodontik kuvvetler altında sabit kalan ankraj ünitesini tanımlar. Ağız dışı apareyler, yeterli düzeyde stabil ankraj sağlayabilmesine rağmen, bu apareylerin etkinliği büyük ölçüde hasta iş birliğine bağlıdır. Ayrıca, estetik kaygılar sebebiyle çoğu hasta bu tür apareyleri reddetmektedir (5). Ağız içi apareylerde ise hasta iş birliğine gerek duyulmaz, ancak yeteri kadar stabil değildirler.

Ortodontik ankraj, ortodontik tedavinin başarısı için temel bir ön koşuldur. İmplantlar, palatal plaklar, miniplaklar ve minividalar dahil olmak üzere çeşitli ankraj türleri mevcuttur (6). Ortodontide minivida kullanımı giderek popüler hale gelmiştir. Minividalar, çenelerin hemen her bölgesine yerleştirilebilmesi, kolaylıkla çıkarılabilmesi, yerleştirildikten hemen sonra kuvvet uygulanmasına olanak tanınması, minimum hasta uyumu gerektirmesi ve düşük maliyetli olması gibi avantajlarından dolayı sıklıkla kullanılmaktadır (7–9). Ayrıca, minividaların kullanımı cerrahi olmayan ortodontik tedavinin kapsamını genişletmiştir ve minividaların geleneksel yöntemlere kıyasla daha olumlu sonuçlar sağladığı gösterilmiştir (10–12).

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Literatürde, benzer parametreler altında yürütülmüş çalışmalarda farklı sonuçların bildirilmiş olması, minividaların etkinliği ve başarısı üzerine daha fazla bilimsel araştırmaya ihtiyaç olduğunu göstermektedir.

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