

Bölüm 11

İNTRAORAL SERT DOKU HACİM ARTTIRMA TEKNİKLERİ

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GİRİŞ

Diş kayıpları veya çenelerdeki hastalıklara bağlı olarak oluşan; hastaların çiğneme, konuşma gibi temel fonksiyonlarını etkileyebilen defektlerin protetik rehabilitasyonu, diş hekimliğinde sıklıkla uygulanan bir işlemdir. Bu rehabilitasyon, konvansiyonel veya implant üstü protezler uygulanarak yapılabilir. Geleneksel protetik tedavilere göre kullanım kolaylığı, doğallığı, psikolojik olarak bütünlük duygusu yaratması gibi avantajlar sağlayabilen dental implantların; hastaların mevcut alveolar kemik hacminin yetersiz olması durumunda, uygun çapta yerleştirilmesi ve doğru konumlandırılması zorlaşabilir. Yetersiz alveolar kemiğinin varlığı dental implant rehabilitasyonu için sınırlayıcı faktör olmasına rağmen sert doku hacim arttırma yöntemleri bu tür vakalarda gereken yapısal ve fonksiyonel desteği oluşturabilir (1).

Intraoral hacim artırma yöntemleri için geçmişten günümüze kadar birçok biyomalzeme tanıtılmıştır. Kemik greftleri, bariyer membranlar, pinler ve vidalar bunlardan bazılarıdır. Bu biyomalzemelerden biri olan kemik greftleri immünolojik kaynaklarına göre sınıflandırılmaktadır. Bireyin kendi dokusundan alınıp başka bir bölgesine yerleştirilen; osteokondüktif, osteoindüktif ve osteojenik özelliklerin hepsine sahip tek greft materyali otojen greftlerdir (2). Aynı türden olan fakat hiçbir genetik benzerliği olmayan bireylerden alınan homogreftler ise allogreftler; başlıca sıgır kemiği ve doğal mercan olmak üzere genetik olarak farklı canlılardan elde edilen greftler ise ksenogreftler olarak adlandırılır (3). Son zamanlarda kullanımını artan, osteoindüktif büyüme faktörlerinden biri olan Kemik Morfogenetik Protein-2'nin de hacim arttırma prosedüründe etkili bir tedavi olduğu bildiril-

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