

BÖLÜM 8

CERRAHİ DESTEKLİ VE MİNİVİDA DESTEKLİ ÜST ÇENE GENİŞLETME YÖNTEMLERİNİN KARŞILAŞTIRMALI DEĞERLENDİRİLMESİ

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GİRİŞ

Üst çene darlığı nedir?

Kraniofasiyal bölgede sık rastlanan iskeletsel anomalilerden biri, maksillanın transversal yöndeki gelişim yetersizliğidir. Transversal yönde görülen maloklüzyonlar, iskeletsel ve/veya dental kaynaklı olabilmektedir [1].

Bu gibi iskeletsel bozuklukların ve neden olduğu oklüzal problemlerin değerlendirilmesi, doğru tanı ve tedavi planlaması açısından büyük önem taşımaktadır. Eğer palatal taban yeterli genişliğe sahipken dentoalveoler yapılar medial yönde eğim gösteriyorsa, mevcut posterior çapraz kapanışın etiolojisinin büyük ölçüde dental kaynaklı olduğu düşünülmektedir. Öte yandan, palatal tabanın (kemiksel yapıların) anatomik olarak dar olduğu ve maksiller dişlerin lateral yönde eğim gösterdiği durumlarda dahi çapraz kapanışın devam etmesi, iskeletsel bir etiolojiye işaret etmektedir. Bu tür olgularda, maksillanın transvers düzlemde yetersiz gelişimi temel etiyolojik faktör olarak kabul edilmektedir. [2].

Maksiller transversal yetersizlik veya darlık, yalnızca üst çene gelişimiyle sınırlı bir problem olmayıp, aynı zamanda mandibula ile olan ilişkisi açısından da değerlendirilmelidir. Bu tür gelişimsel yetersizlikler, çoğu vakada mandibulanın fonksiyonel olarak kaymasına neden olmaktadır. Özellikle tek taraflı posterior çapraz kapanış olgularında, bireyler oklüzal uyumu sağlamak amacıyla mandi-

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SONUÇ

Yetişkinlerde kemik destekli apareylerle genişletme mümkün olmakla birlikte, cerrahi destek olmaksızın başarı oranı düşüktür. Palatal süturun D ve E evrelerinde, başarısızlık riskini azaltmak amacıyla kemik destekli apareyler genellikle cerrahi destekli hızlı üst çene genişletmesi (SARPE) ile birlikte önerilmektedir. Tek başına MARPE daha az invaziv bir alternatif olsa da ileri yaşlarda sınırlı başarı göstermektedir. Tedavi planlamasında yaş, iskeletsel matürasyon, maksiller darlığın şiddeti ve ilgili anatomik yapılar yanında dentoalveolar etkiler, periodontal durum ve hasta konforu da dikkate alınmalıdır.

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