

## BÖLÜM 4

### TEKRARLAYAN KÖK KANAL TEDAVİLERİNDE ANTİMİKROBİYAL YAKLAŞIM

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#### GİRİŞ

Endodonti literatüründe endodontik tedavi “başarısızlığının” birçok nedeni vardır. Bunlar arasında; hatalı giriş kavite tasarımı, ulaşılamamış kanallar (hem ana hem de aksesuar), yetersiz temizleme ve iyi doldurulmamış kanallar, enstrümantasyon komplikasyonları (basamak oluşumu, perforasyonlar veya kırık aletler) ve kök kanal dolgusunun taşkın olması gibi iyatrojenik prosedür hataları bulunur (1).

Amerikan Endodontistler Birliği (AAE), ilk işlem sırasında tedavi edilememiş dar veya eğimli kanallar, fark edilemeyen kompleks kanal anatomisi, endodontik tedaviyi takiben restorasyonunun geciktirilmesi ve iyi yapılmamış izolasyon gibi durumların kök kanal tedavisi yapılmasına rağmen beklendiği gibi iyileşmeyen dişler için gözden kaçan noktalar olduğunu belirtmişlerdir. AAE'nin klinik endodontiye yönelik olan rehberine göre, aşağıdaki klinik durumlardan herhangi biri mevcutsa tekrarlayan kök kanal tedavisinin endike olduğu bildirilmiştir (2):

- Semptomlarla birlikte devam eden periradiküler patoloji
- Kök kanal dolgu kalitesinde radyografik olarak gözlenen yetersizlik (eşlik eden periradiküler patoloji veya semptomlar varlığında)
- Kalıcı semptomların varlığı
- Mevcut kök kanal dolgusunu riske atabilecek restoratif veya protetik işlemlerin planlanması
- Önceki tedavi kalitesinin şüpheli olduğu bir dişte restoratif veya protetik işlemlerin planlanması
- Tükürük kontaminasyonu gibi kök kanal sistemine bakteri sızıntısı şüphesi olması

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## SONUÇ

Primer apikal periodontitis gibi, tedavi sonrası apikal periodontitis; intraradiküler ve bazen ekstraradiküler enfeksiyonların neden olduğu bir hastalıktır. Bu vakaların endodontik olarak tekrarlayan kök kanal tedavileri, çeşitli zorluklar barındırır ve birçok yönden primer endodontik tedaviden farklı olan kendi başına bir tedavi şeklidir. Tekrarlayan endodontik tedaviyi başarı ile uygulayabilmek için; özellikle güncel gelişmeleri takip etmek ve gelişen teknoloji ile birlikte tedavi seçeneklerini de güncellemek gerekmektedir.

Bu bölümde özellikle antimikrobiyal etkiler ele alınmış olsa da, tekrarlayan endodontik tedaviler çok geniş bir yelpazede ele alınmalıdır. Dental büyütme ve görüntüleme ile farklı anatomik varyasyonları daha iyi teşhis ederek, farklı solventler veya farklı döner aletler ile daha iyi temizleme yaparak, farklı irrigasyon teknikleri ve farklı irrigasyon solüsyonları ile daha etkili dezenfeksiyon sağlayarak, nano boyutta geliştirilen yeni ürünler ile ileri antimikrobiyal etki elde ederek, bu savaşta gün geçtikçe daha fazla alternatif olması tedavilerdeki başarı oranımızı arttıracığını düşündürmektedir.

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