

BÖLÜM 5

KÖK KANAL TEDAVİSİ UYGULANAN DIŞLERDE RESTORATİF STRATEJİLERE DAİR GÜNCEL YAKLAŞIMLAR

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GİRİŞ

Literatürde dentin nem kaybının kırılma direncine etkisine dair yapılan çalışmalarda çelişkiler bulunmakta olup örneğin Rivera ve ark. yapmış oldukları çalışmada kök kanal tedavisi görmüş dişlerde nem kaybı sonucu kollajen çapraz bağların da bazı değişimlerin meydana geldiği ve bu nedenle vital dişlere kıyasla kırılmaya daha yatkın olduklarını öne sürmüştür(1). Başka bir çalışmada Papa ve ark. vital dentinin nem oranını %12.35, endodontik tedavi görmüş dişlerden elde edilen dentinin ise %12.10 nem oranına sahip olduğunu bildirmiştir. Bu sonuçlar, endodontik tedavi görmüş dişler ile vital dişler arasında nem içeriği açısından anlamlı bir fark olmadığını göstermiştir(2). Bazı çalışmalarda ise dişin kök kanal tedavisi sonrası devital hale gelmesiyle nem içeriğinde belirli ölçüde azalma olduğu belirtilmektedir(3, 4).

Buna ek olarak kök kanal tedavisi sürecinde kullanılan irrigasyon solüsyonları, dentinin hem inorganik hem de organik yapısını etkileyerek dişin bükülme direncini, elastikiyetini ve mikro-sertliğini olumsuz yönde etkilemektedir(5, 6). Ari ve ark. endodontik tedavide yaygın olarak kullanılan irrigasyon solüsyonlarının (%5,25 ve %2,5 NaOCl, %3 H₂O₂, %17 EDTA, %0,2 klorheksidin glukonat) dentinin mekanik özellikleri üzerine etkisini değerlendirmiştir. İrrigasyon solüsyonu tercihinde birçok faktör olmasına rağmen, bu çalışmanın sonuçlarına göre

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klirik kanıt bulunmamaktadır. Postlar adeziv yöntemlerle simante edilecekse, firmalar tarafından belirtilen tüm protokol adımlarına eksiksiz uyulmalıdır. Restorasyonun başarısı açısından, kullanılan post materyalinden ziyade temiz ve yeterli şekilde hazırlanmış dentin yüzeyinin daha önemli olduğu unutulmamalıdır.

- Endokronlar, kök kanal tedavili molar dişlerde rezidüel diş dokusunun daha fazla korunmasına olanak tanıyan ve post tutuculu kron restorasyonlara uygun bir alternatif olarak değerlendirilebilir. Ancak bu restorasyonların başarısı, doğru adeziv simantasyon protokolünün eksiksiz uygulanmasına bağlıdır.

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