Bölüm 18

GELENEKSEL DENTAL ENJEKSİYONA ALTERNATİF GÜNCEL LOKAL ANESTEZİ UYGULAMALARI

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Diş hekimliğinde, özellikle de çocuk diş hekimliğinde başarıyı etkileyen faktörlerden biri ağrı kontrolüdür. Lokal anestezi, çocuk diş hekimliğinde ağrı kontrol tekniklerinin bel kemiğini oluşturur. Lokal anestezikler, ağrının önlenmesi ve yönetimi için tıbbi uygulamalarda güvenli ve etkili ilaçlardır. Lokal anestezik ilaçların uygulanması, çoğu hasta için diş randevusunun en korkutucu ve rahatsız edici kısmıdır. Lokal anesteziklerin verilmesi için kullanılan iğne, hastada en korku uyandıran parçadır. İğne fobisi ve iğne batma yaralanmaları göz önüne alındığında iğne kullanımını ortadan kaldıran bir yöntem bulma ihtiyacı daha da belirgin hale gelmiştir. Bunlar arasında bilgisayar kontrollü lokal anestezik dağıtım sistemleri, jet enjektörler, kemik içi sistemler, vibrotaktil cihazlar, güvenli diş şırıngaları ve diş bandı yer alır. Bu derlemenin amacı, diş hekimliğine kullanılan güncel anestezi sistemlerini tanıtmak, bu sistemlerin avantaj ve dezavantajlarını belirtmek ve nasıl kullanıldıklarını anlatmaktır.

1. GİRİŞ

Diş hekimliğinde uygulanan farmakolojik ajanların birçoğu anksiyete durumunu ve ağrıyı yönetmek için kullanılmaktadır. Diş hekimliğinde, tedaviler sırasında açığa çıkabilecek ağrı hissinin yok edilmesi için lokal anestezi kullanılır. Lokal anestezi periferik olarak ağrı algısını bloke eder. Anksiyetenin kontrol altına alınması için farmakolojik ve farmakolojik olmayan teknikler kullanılır. Anksiyete ve ağrı birbiriyle ilişkilidir (1).

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