Bölüm 7

SEKS HORMONLARININ PERİODONSİYUMA ETKİLERİ VE POLİKİSTİK OVER SENDROMU İLE PERİODONTAL HASTALIK ARASINDAKİ İLİŞKİ

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GİRİŞ

Hormonlar, periodontal dokular dahil ağız boşluğunun gelişimi ve bütünlüğü üzerinde güçlü etkileri olan spesifik düzenleyici moleküllerdir. Steroid hormonların homeostasisi bozulduğunda periodontal konak doku ile mikroorganizmalar arasındaki patojenik ilişki de bozulabilmektedir[1]. Mikrobiyal dental plak ve konakçı savunma mekanizmalarının etkileşimi, periodontal hastalığın patogenezinde önemli bir faktör olarak kabul edilmektedir. Çok sayıda çalışma ergenlik, adet döngüsü, gebelik, oral kontraseptif kullanımı ve menopozda değişen seks steroid hormon salgılanmasının periodonsiyum üzerine önemli etkisinin olduğunu göstermiştir[2].

Östrojen, progesteron ve gebelik sırasında salgılanan koryonik gonadotropin; damarların endotel hücrelerinin ve periositlerinin artmasına, granülositlerin ve trombositlerin damar duvarlarına yapışmasına, mikrotrombi oluşumuna, perivasküler mast hücrelerinin bozulmasına, artmış vasküler geçirgenlik ve vasküler proliferasyondaki değişikliklere neden olarak mikro dolaşım sistemini etkilemektedir. Aynı zamanda hormonal değişiklikler sırasında oral mikroflora üzerinde de farklılıklar meydana gelebilmektedir[3].

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