

BÖLÜM 9

VİRÜSLER: ORAL MUKOZA LEZYONLARI VE PERİODONTİTİS İLE İLİŞKİLERİ

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GİRİŞ

Virüs, parazitik genetik bilgi paketine sahip ve bağışıklık sisteminde tepkilere yol açarak çeşitli hastalıklara neden olan bir patojen olarak tanımlanabilir (1,2). Gen yapısı ve üreme yöntemleri temeline dayanan ve ‘Baltimore Sınıfları’ denilen bir sistemle yapısal unsurlarının yedi kategoriye ayrıldığı bu patojenler (3), tek ve çift sarmallı DNA ve RNA’ya sahip olmalarına ve ters transkriptaza olan bağımlılıklarına göre yedi sınıfa ayrılmıştır. Kapsamlı bir hiyerarşik sınıflamaya sahip virüsler, ağız ortamında çeşitli hastalıklara sebep olabilmekte ve bu hastalıklar kimi zaman klinik olarak lokalize lezyonlar şeklinde, kimi zaman da yaygın ve invaziv şekilde ortaya çıkabilmektedir (4). Ayrıca neden oldukları ağız içi viral hastalıklar, ağız boşluğunun sık görülen kompleks inflamatuvar bir hastalığı olan periodontitis ile muhtemel bir ilişkiye sahiptir (5–8). Bu bağlamda bu kitap bölümünde, çeşitli virüslerin (Herpes Simpleks-1 (HSV-1), İnsan İmmün Yetmezlik Virüsü (HIV), İnsan Papilloma Virüsü (HPV), Hepatit B ve C Virüsleri, Şiddetli Akut Solunum Yolu Sendromu Koronavirüs-2 (SARS-CoV-2)) ağız ortamında neden oldukları enfeksiyonlar ve bu enfeksiyonların klinik görünüşleri hakkında genel bilgileri sağlamak, bu patojenlerin periodontitisle olan olası ilişkilerine dair güncel çalışmaları sunmak amaçlanmıştır.

İNSAN HERPES VİRÜSLERİ

İkosahedral bir kapsid, proteinli bir tegument ve lipit içeren bir zarfla çevrili doğrusal, çift sarmallı DNA içeren herpes virüsler, en büyük ve en karmaşık insan

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