

BÖLÜM 16

ABLATİF VE NON-ABLATİF REJENERASYON



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GİRİŞ

Yaş ilerledikçe ciltte yaşlanmaya bağlı bazı değişiklikler görülür. Kronolojik yaşlanma veya içsel yaşlanma vücutta genetik olarak belirlenmiş bir oranda meydana gelir ve kronolojik yaşlanmanın cilt belirtileri yaşlıların güneşten korunan bölgelerinde (üst kol iç kısmı veya çene altı bölge) gözlemlenebilir. Kronolojik yaşlanma öncelikle ciltte fizyolojik değişikliklere neden olur. Dış yaşlanma veya fotoyaşlanma ise çevresel etkilerin bir sonucudur ve en büyük etken kronik güneş ultraviyole (UV) radyasyonudur. Klinik olarak fotoyaşlanmış cilt, düzensiz pigmentasyon, pürüzlülük, değişken atrofi, hiperplazi, ince ve derin kırışlar, yağın yeniden dağılımı, telenjektaziler ve çeşitli iyi huylu neoplazmalar ile karakterizedir. Fotoyaşlanmanın karakteri cilt tipinden de etkilenir. Açık tenli bireyler genel olarak atrofik ve displastik değişikliklere, daha koyu tenli bireyler ise belirgin derin kırışlar ve dokusal değişikliklere sahip olma eğilimindedir (1).

Güneş ışığı UV radyasyonu (290–400nm), görünür ışık (400–700nm) ve kızılötesi radyasyon (>700nm) içerir. Görünür ışık ve kızılötesi radyasyonun cilt üzerinde ihmal edilebilir etkileri varken, UV radyasyonun önemli zararlı etkileri vardır. UVC (200–290nm), ozon tabakası tarafından filtrelenir. UVB (290–320nm), normal ciltte meydana gelen akut ve kronik foto yaralanmaların çoğundan sorumludur. Ortalama olarak, UVB

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