

- GİRİŞ
- KORNEA
- SKLERA
- UVEA
- İRİS
- SİLİYAR CİSİM
- KOROID
- İRİDOKORNEAL KÖŞE (ANGLE)
- LENS
- VİTRÖZ
- RETİNA

Retinanın 10 Tabakası

- RPE Hücre Tabakası (RPE)
- Fotoreseptör Hücre Tabakası (FR)
- Dış Limitleyici Membran (DLM)
- Dış Nükleer Tabaka (DNT)
- Dış Pleksiform Tabaka (DPT)
- İç Nükleer Tabaka (INT)
- İç Pleksiform Tabaka (IPT)
- Gangliyon Hücre Tabakası (GHT)

- Retinal Sinir Lifleri Tabakası (RSLT)
- İç Limitleyici Membran (ILM)
- RETİNA'NIN HÜCRELERİ
- Retinal Pigment Epitelyumu (RPE)
- Fotoreseptör Hücreler
 - Rodlar ve Konların yapıları
 - Rodlar ve Konların Morfolojileri
- Bipolar Hücreler
- Horizontal Hücreler
- Amakrin Hücreler
- Gangliyon Hücreler ve İntraoküler Optik Sinir
- Nöroglial Hücreler
- GÖZ KAPAKLARI
- LAKRİMAL BEZLER VE DRENAJ SİSTEMİ
- KONJUKTİVA
- RETİNAL HASTALIKLARIN TEDAVİSİNDE YENİ TEKNOLOJİLER
 - Gen Terapisi
 - Hücre Terapisi
 - İndüklenmiş Retinal Rejenerasyon
- KAYNAKLAR

GİRİŞ

İnsanlarda gözün ortalama çapı 23.5-25 mm'dir. Göz küresi'nin en dışında gözün yapısal bütünlüğünü sağlayan kornea ve sklera vardır. Kornea ve sklera arasındaki geçiş bölgesi limbustur. Limbusun posteriyöründe, gözün üç ana tabakası bulunur.

Gözde bulunan üç ana tabaka dıştan içe doğrudur:

- Dış fibröz tabaka (Kornea ve Sklera),
- Orta vasküler tabaka ya da Uvea (İris, Silyar Cisim ve Koroid),

- İç nörosensör tabaka (RPE ve Nörosensör Retina).

Saydam olan lens, iris'in posteriyöründe yerleşiktir ve görülen açıklığı, pupil olarak adlandırılır.

Gözün içerisindeki boşluklar ise:

- Ön kamera: Kornea ile iris arasında kalan boşluktur.
- Arka kamera: Anteriyorda iris ile posteriyorda ise lens ve vitröz boşluğun anteriyor yüzü ile komşudur; aköz sıvı ile doludur.

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rejenerasyon ile gangliyon hücre aksonunun be-yine doğru uzayabilmesi de denenir (Lim ve ark). Kesilen retinal gangliyon hücre aksonunun, uygun gen, küçük molekül veya nöronal aktivite ile uyarıldıklarında beyine doğru aksonal uzantılar yaptıkları görülür (Lim ve ark.; Sun ve ark; Laha ve ark).

Bu methodun deneysel başarı oranının düşük olmasından dolayı, gelecekte yapılacak olan çalışmalar, bu methodun klinikte tedavi yöntemi olarak kullanılıp kullanılmayacağını belirleyecektir.

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