

Bölüm 4

RETİNA VE ARKA VİTREUS DEKOLMANLARI

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ETİYOPATOGENEZ

Nörosensöriyel retina (NSR) ile retina pigment epitelini(RPE) bir arada tutan dengenin bozulması ve bu tabakaların birbirinden ayrılması sonucu, aralarında sıvı birikmesine retina dekolmanı adı verilmektedir. Normal şartlarda NSR ile RPE'yi bir arada tutan ve dengeyi sağlayan faktörler şu şekildedir:

- Hidrostatik ve osmotik basınç (Göz içi basınç)
- İntakt jel yapısında vitreus ve onun yaptığı basınç
- RPE ve fotoreseptörlerin birbirine tutunması
- Fotoreseptörler arası ekstrasellüler matrix
- RPE pompası ile aktif iyon transportu

Hidrostatik ve onkotik basıncı sağlayan yapılar arasında intraoküler basınç ve koroid kapiller basıncı yer almaktadır. RPE ve fotoreseptörlerin birbirine tutunmasına ek olarak glikozaminoglikan yapısındaki ekstrasellüler birikimlerin de bir arada tutan denge etkisine katkısı bulunmaktadır. Son olarak RPE pompası subretinal boşlukta gün içinde biriken çözünmüş madde ve sıvıları aktif olarak koroide doğru pomplama görevini gerçekleştirir.

NSR ve RPE'yi birarada tutan faktörlerde meydana gelen herhangi bir patoloji sonucunda retina dekolmanı oluşmaktadır. Bu patolojik durumlar şöyle sıralanabilir.

- Retinal yırtık, delik
- Vitreus sıvılaşması
- Vitreoretinal traksiyon
- Kan-retina bariyerini etkileyen hastalıklar
- RPE pompasındaki bozukluklar

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