

Kırmızı Göz Ayurucu Tanısı;

Oküler Yüzey Nedenleri

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Ege Üniversitesi Tıp Fakültesi

Göz Hastalıkları AD

- Sunumda adı geçen ürünlerle hiçbir ticari ilintim yoktur.

Oküler Yüzeyi İlgilendiren Nedenler

Göz kapakları

- Şekil bozuklukları
- Enfeksiyonlar
- Tümörler

Konjonktiva

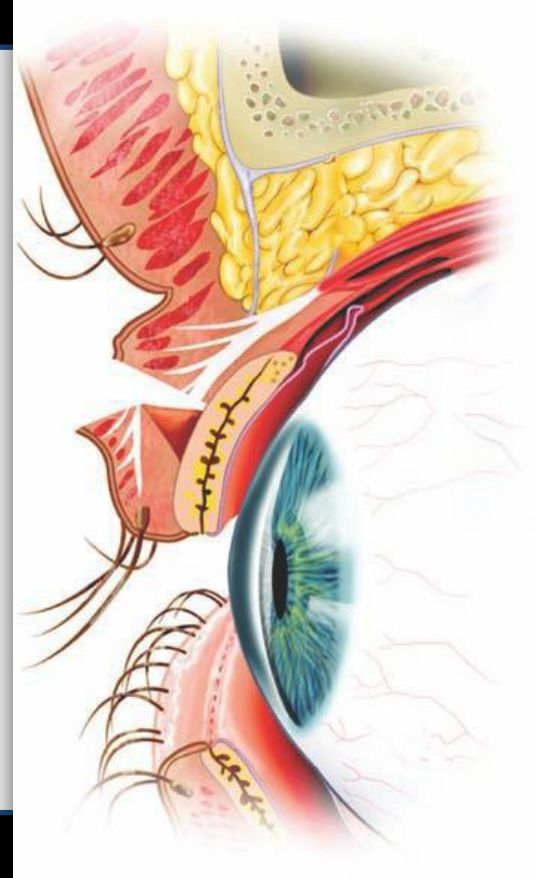
- Enfeksiyonlar
- Tümörler
- Travma

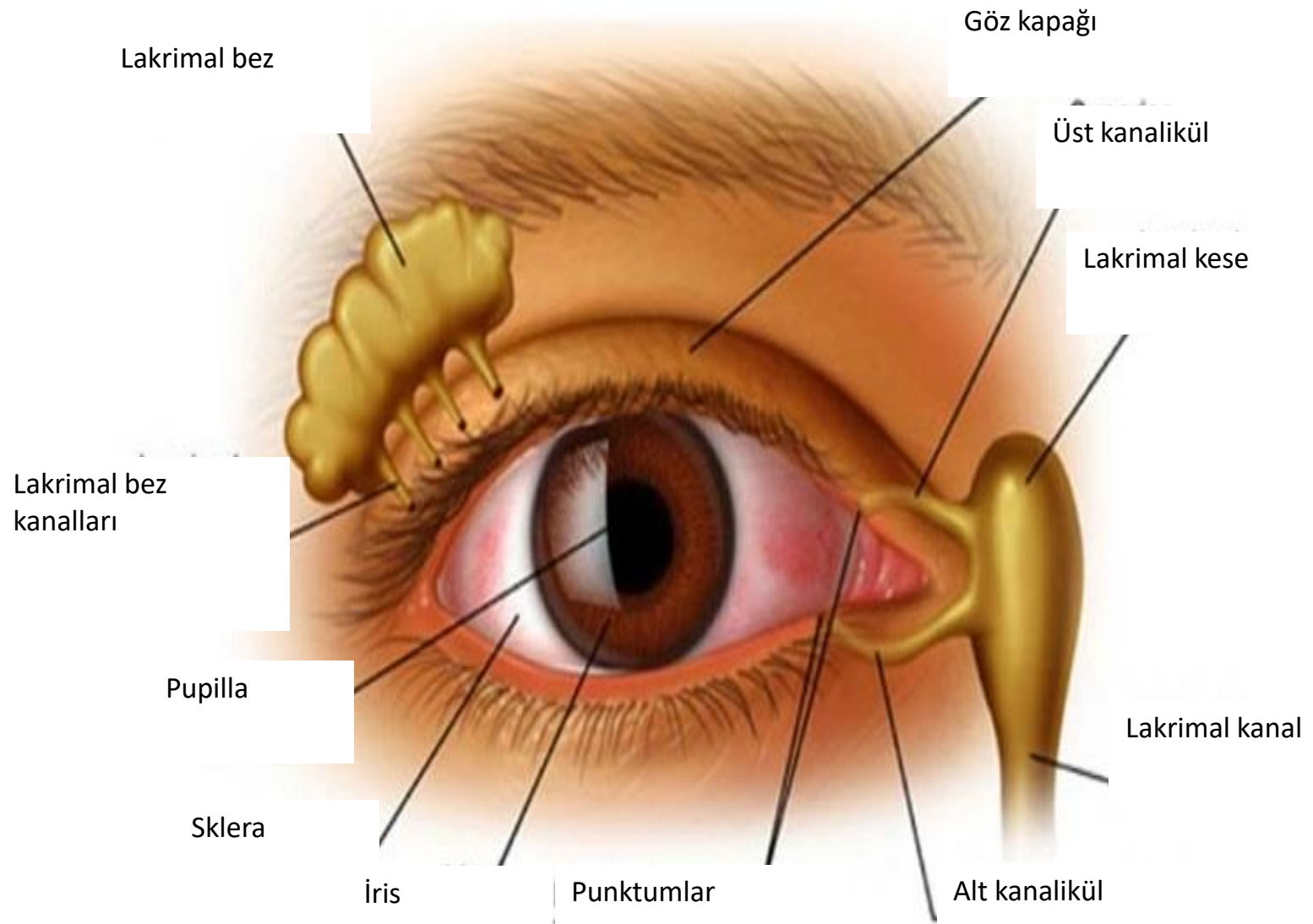
Kornea

- Yüzey patolojileri

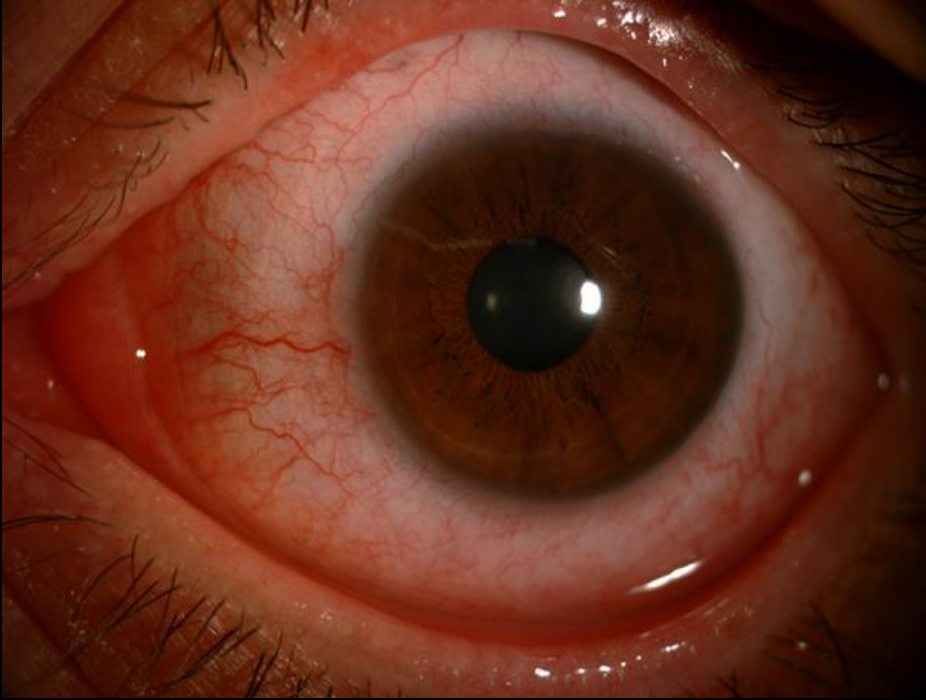
Gözyaşı sistemi

- Kuru göz
- Boşaltım sistemi enfeksiyonları





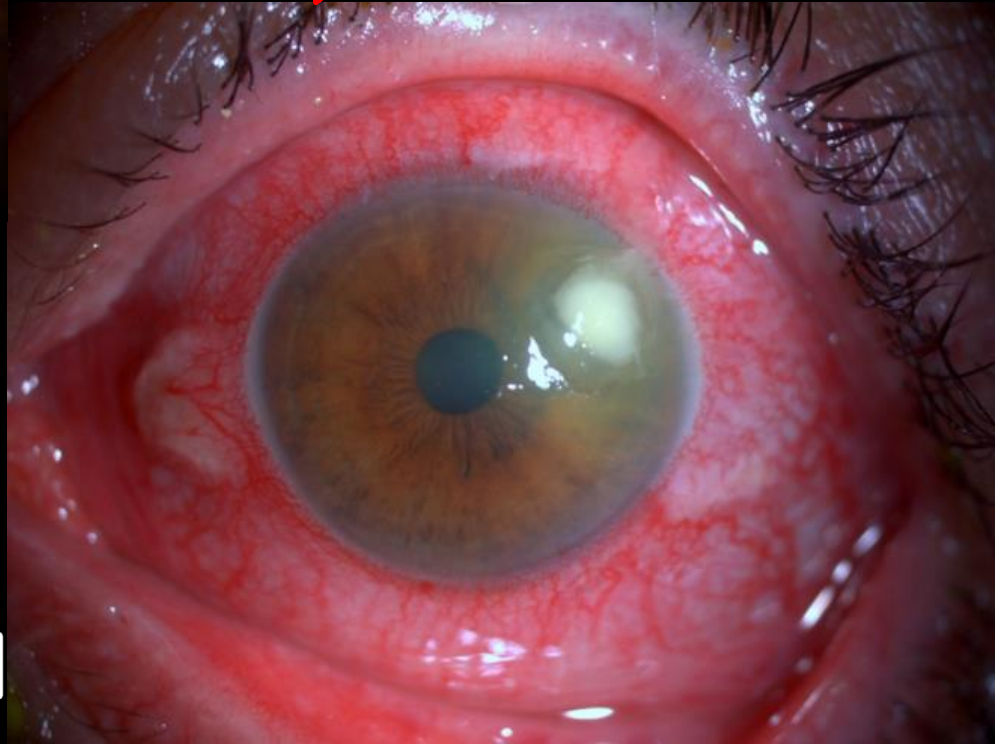
KIRMIZI GÖZ



Yüzeyel konjonktiva hiperemisi

GÖRME
AZLIĞI

AĞRI



Derin konjonktiva hiperemisi

Entropion



Ektropion



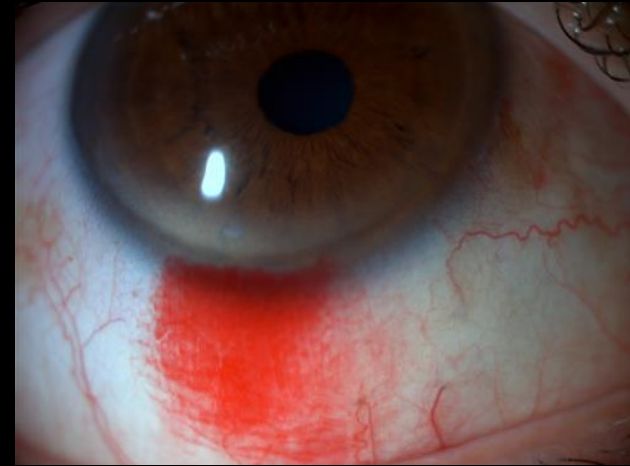
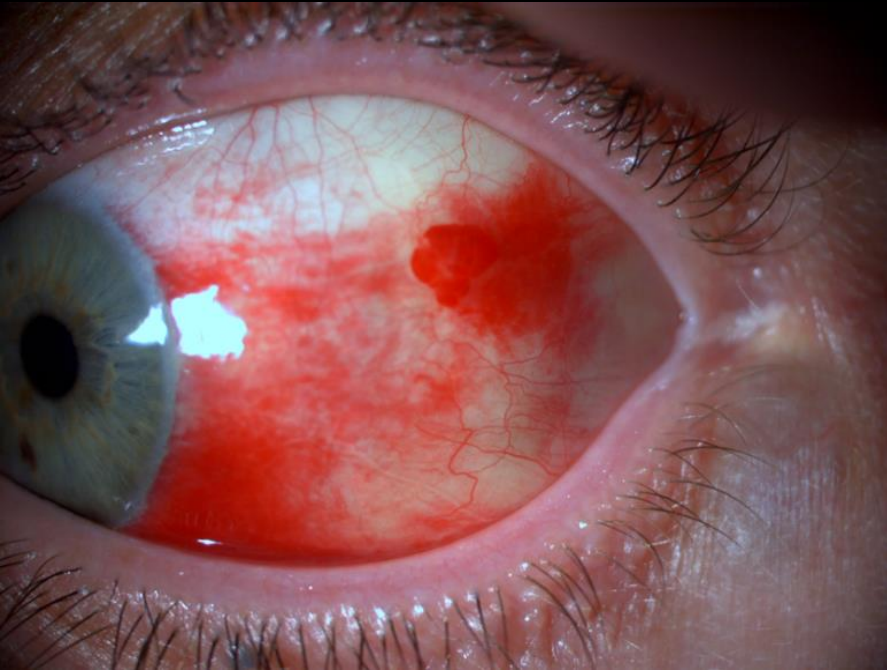
Blefarit



Hordeolum

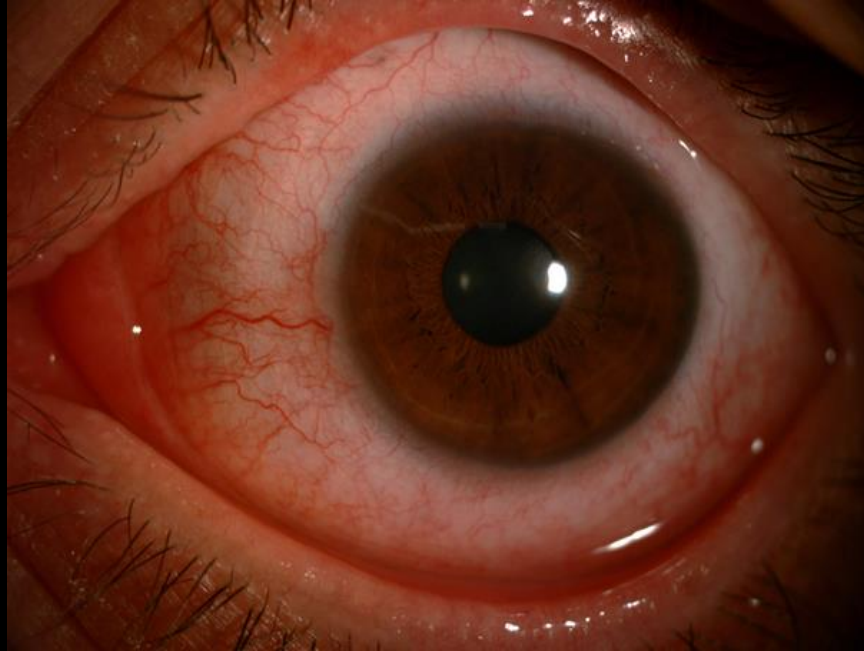


Subkonjontival Hemoraji



Konjonktivit

- Yanma
- Batma
- Hiperemi (YÜZEYEL)
- Fotofobi
- Lakrimasyon
- Kaşıntı +/-



Sekresyon

Sulu

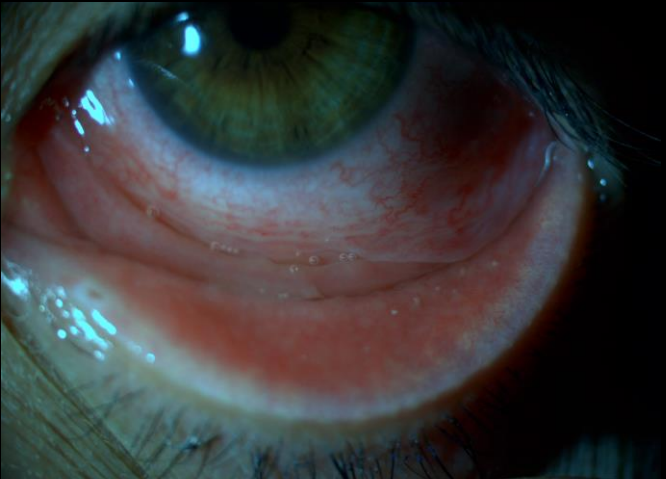
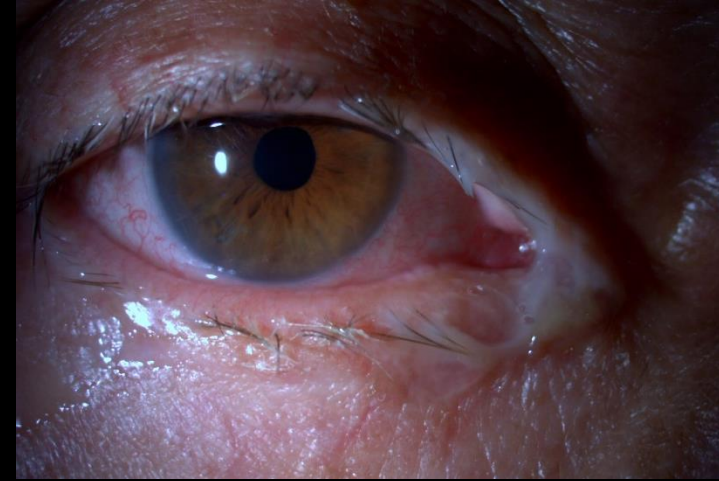
Viral, basit allerjik konjonktivit

Mukoid

Vernal konjonktivit, kuru göz hastalığı

Pürülan

Bakteriyel konjonktivit



Basit Bakteriyel Konjonktivit

- *Staf. aureus* ve *Staf. epidermidis*
- Genellikle bilateral
- Akıntı ve çapakları temizle
- Antibiyotikli damlalar
- Antibiyotikli pomadlar



Vüral Konjonktivit

- Preauriküler LAP
- Seröz sekresyon
- Folliküler reaksiyon

- NSAII damlalar
- Suni gözyaşı
- Soğuk pansuman

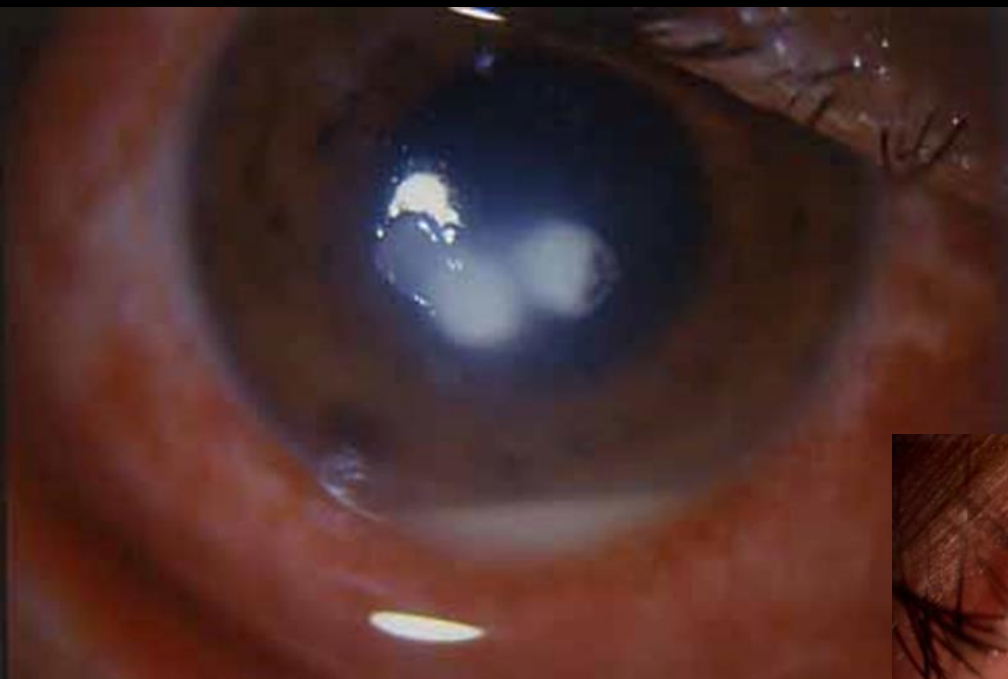


Allerjik Konjonktivit

- Kaşıntı *
- Yanma
- Batma
- Fotofobi
- Lakrimasyon
- KORUNMA
- Kaşınmayı azalt
- Antihistaminikler
- Mast hücre stabilizatörleri



Keratitis



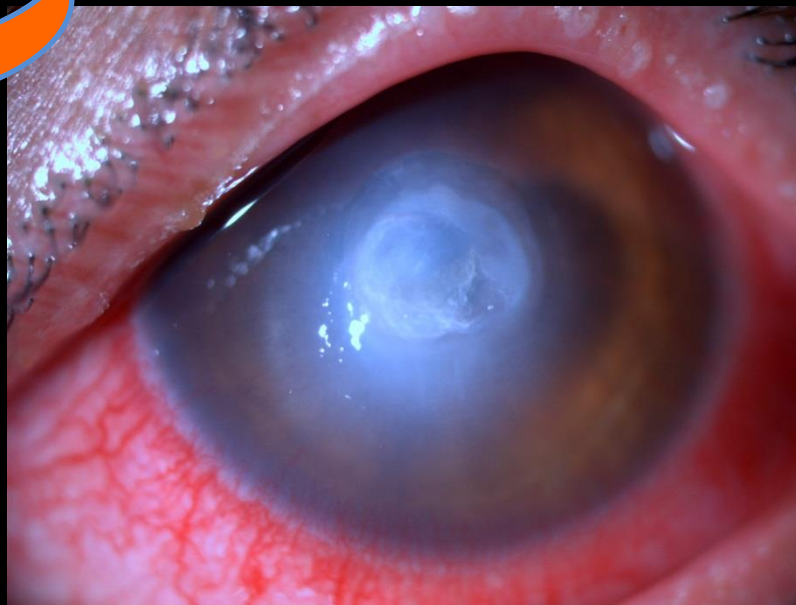
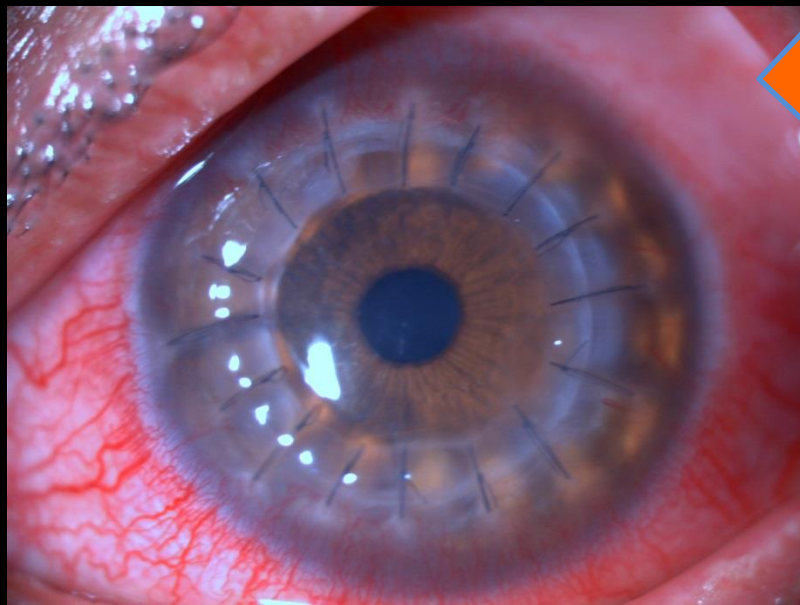
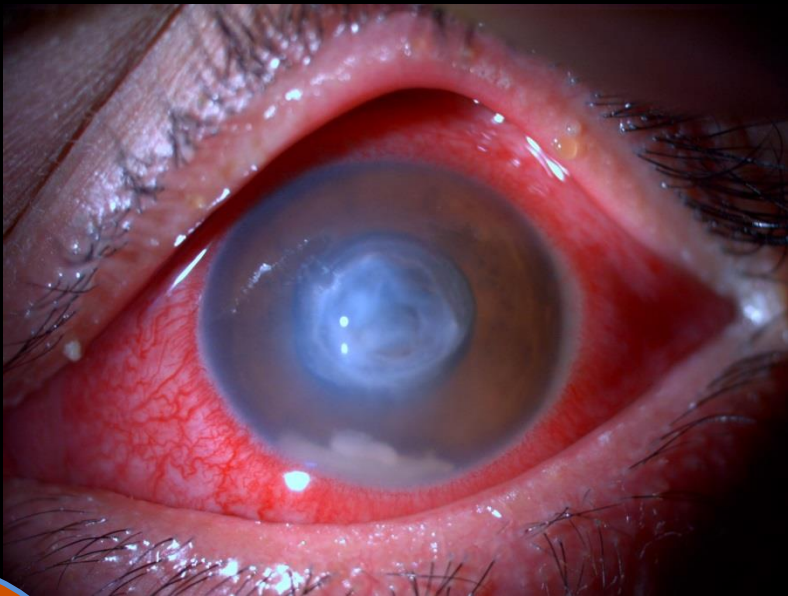
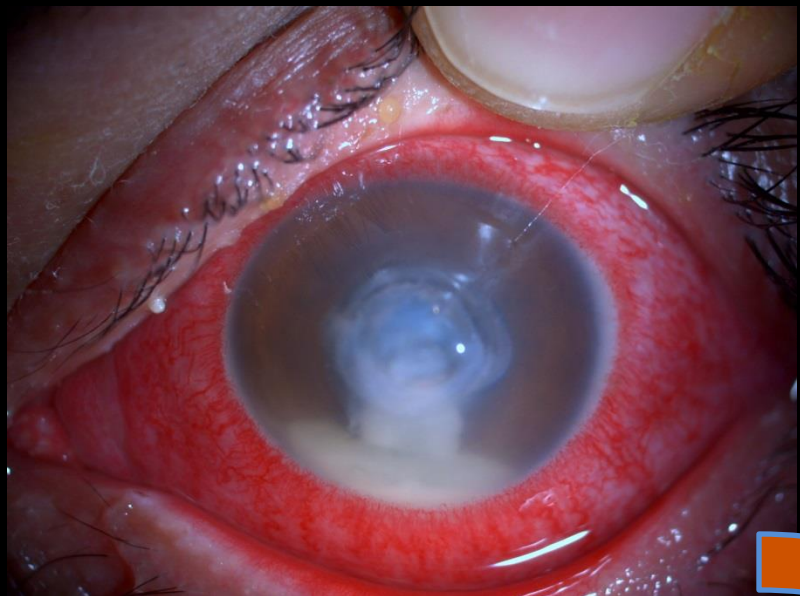
Marginal Keratitis



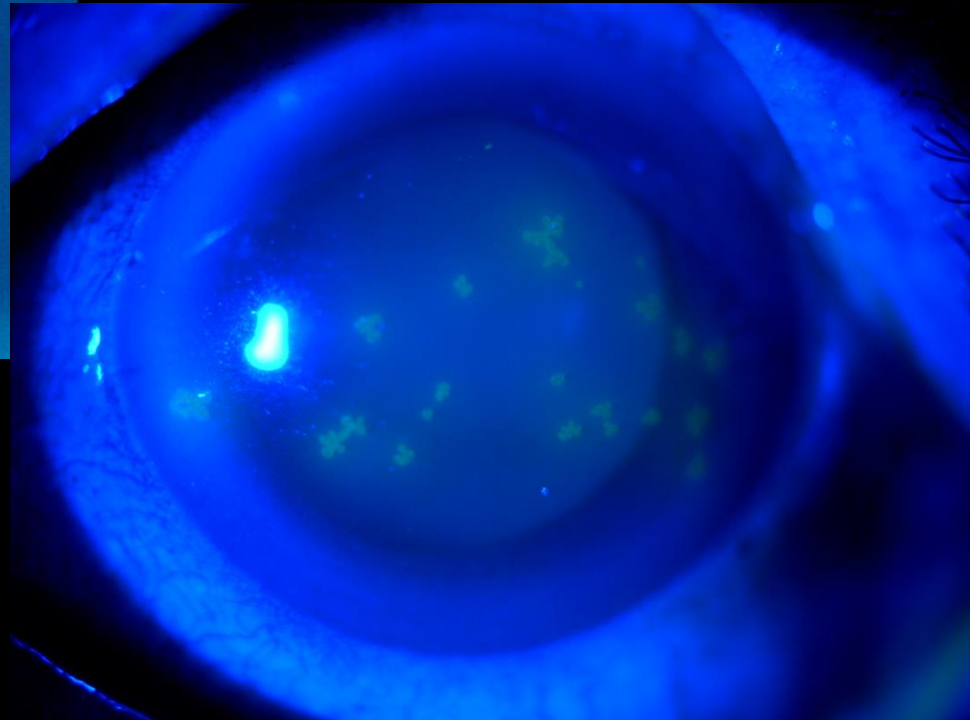
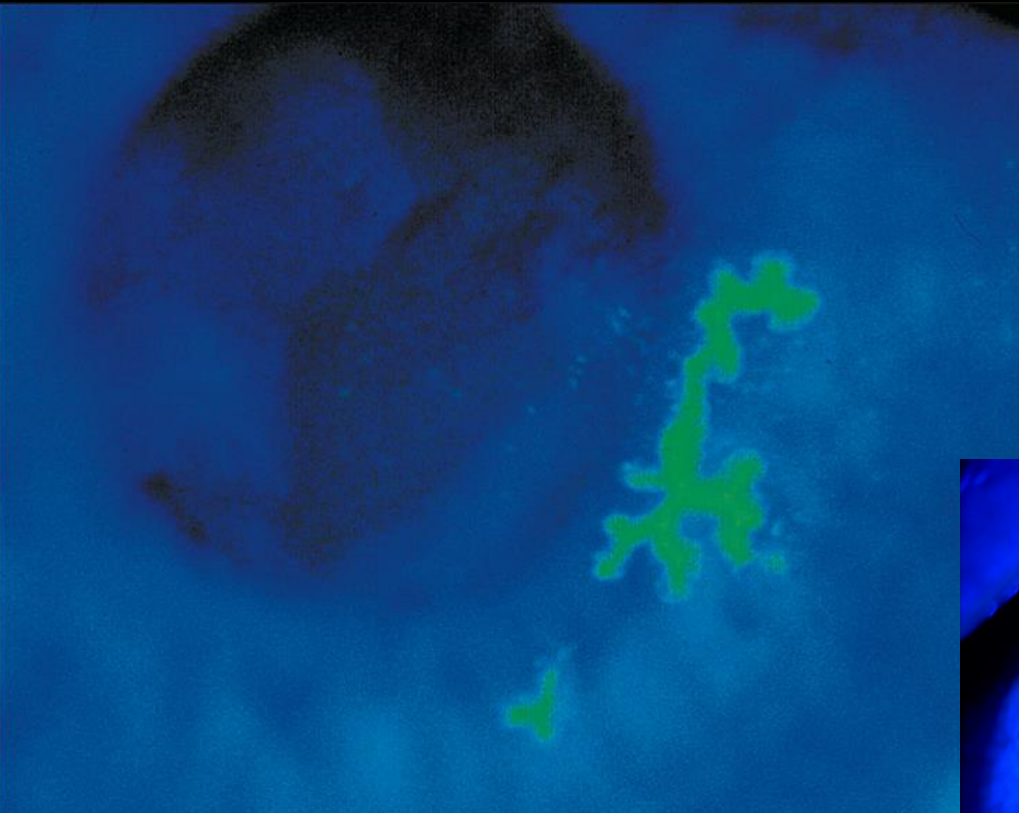
Enfektif Keratit Risk Faktörleri

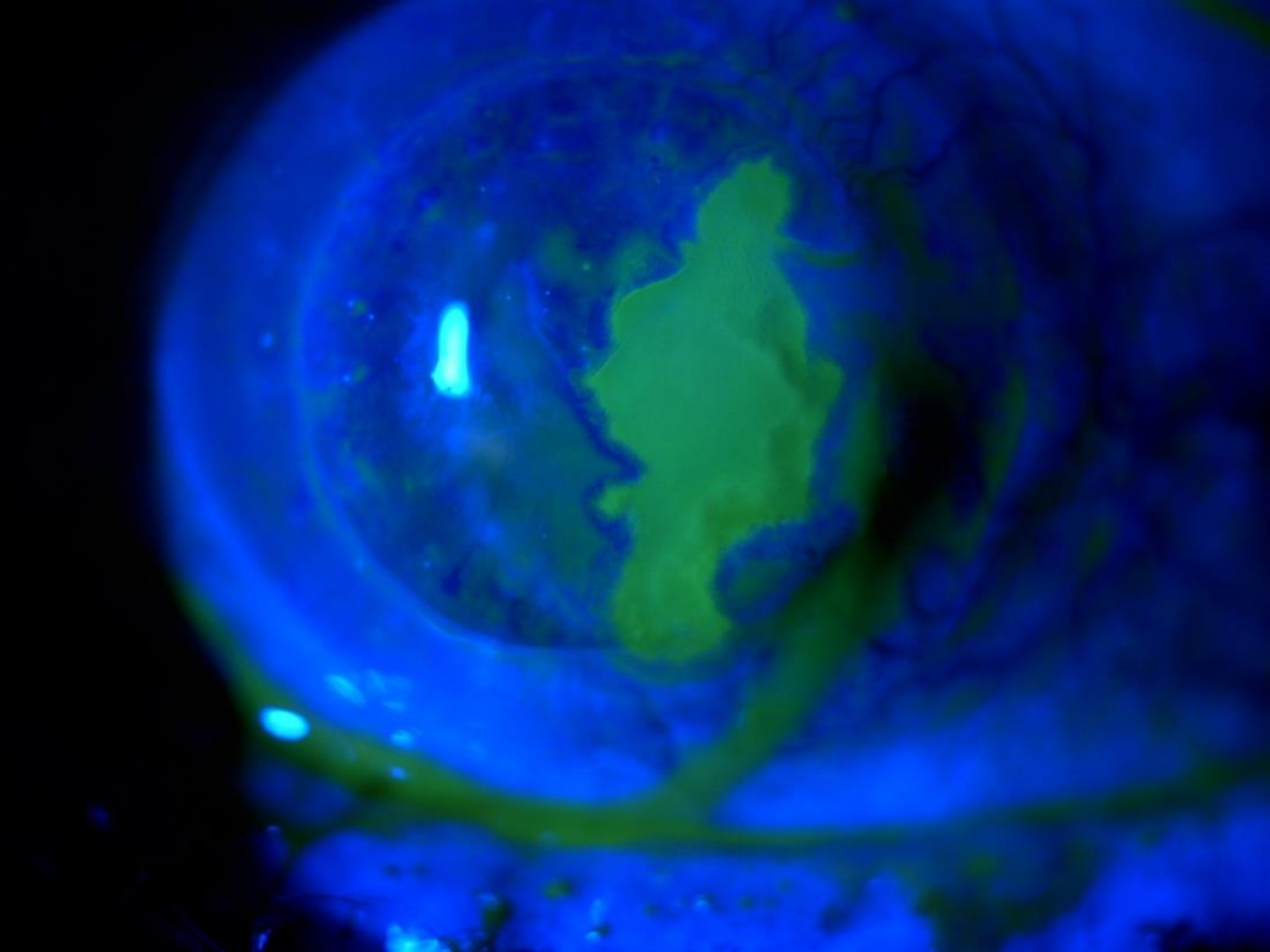
- KL kullanımı
- Organik yaralanma → Mantar
- Uzun süre KS kullanımı
- Uzun süre AB kullanımı
- İmmünsupresyon
- Kuru göz
- DM

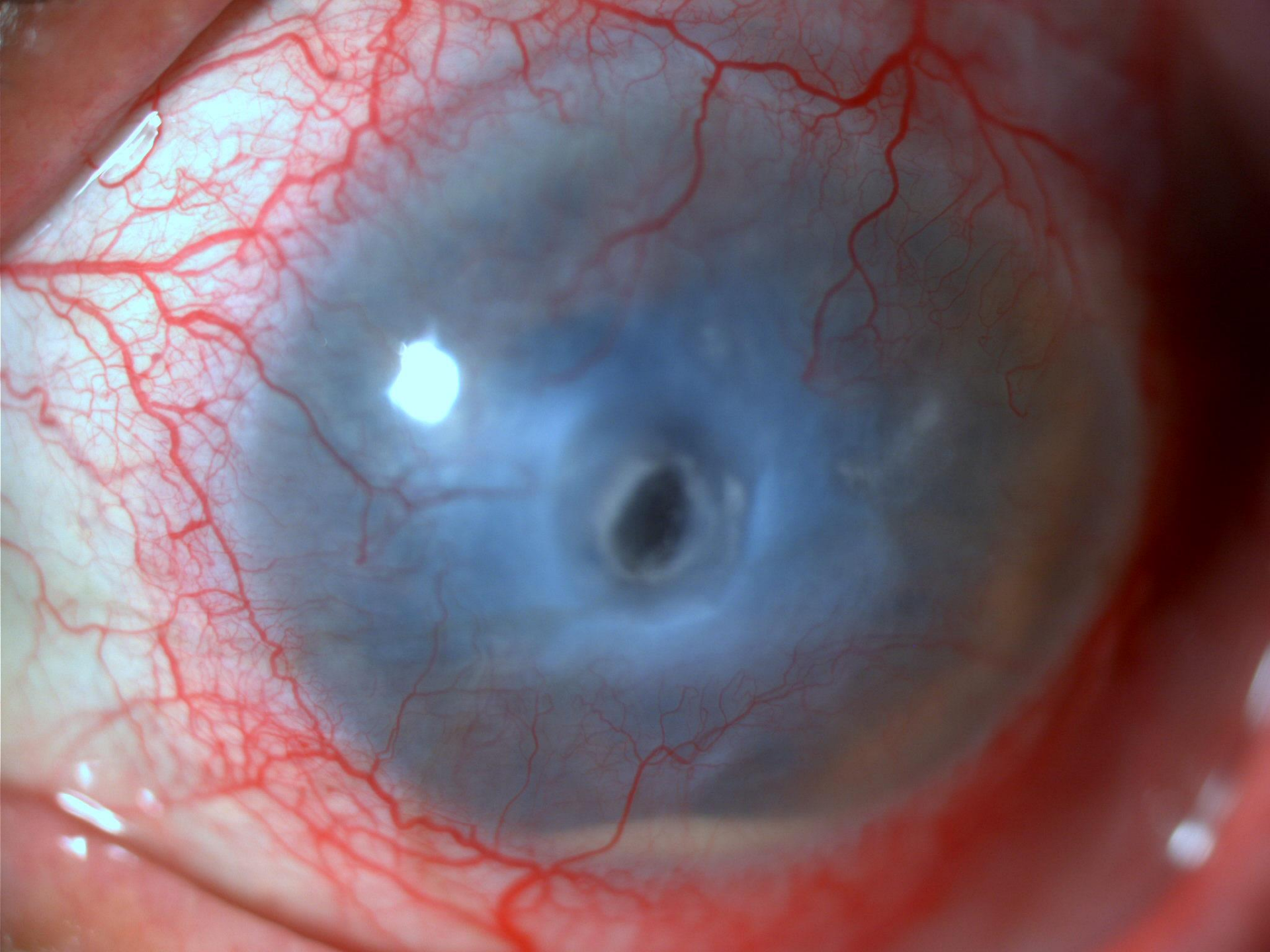


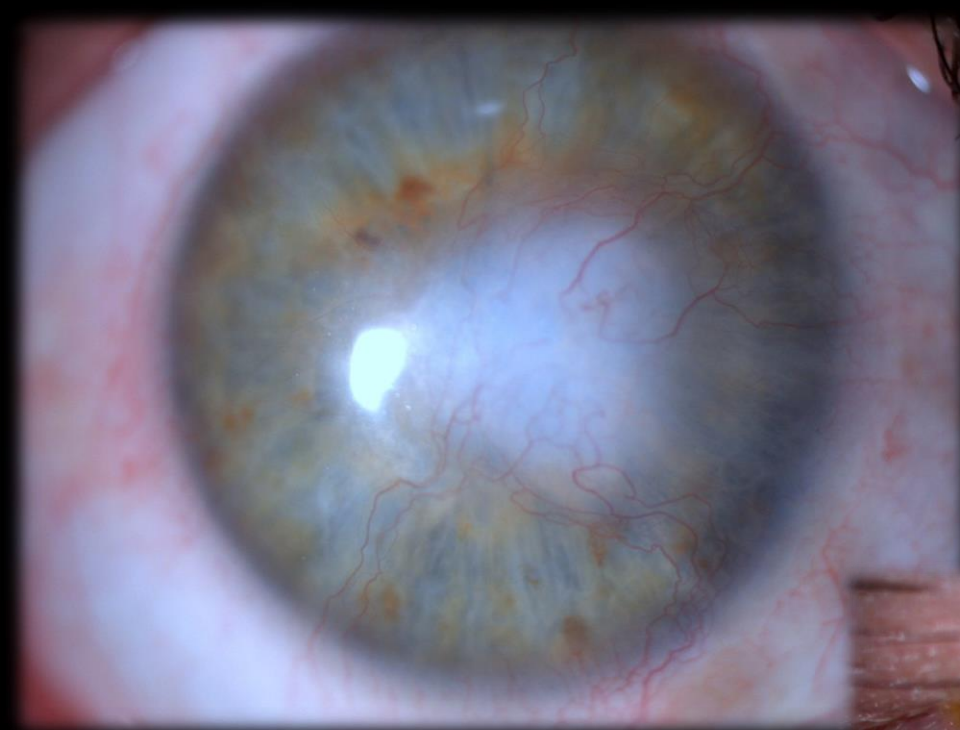


Herpetik Keratit

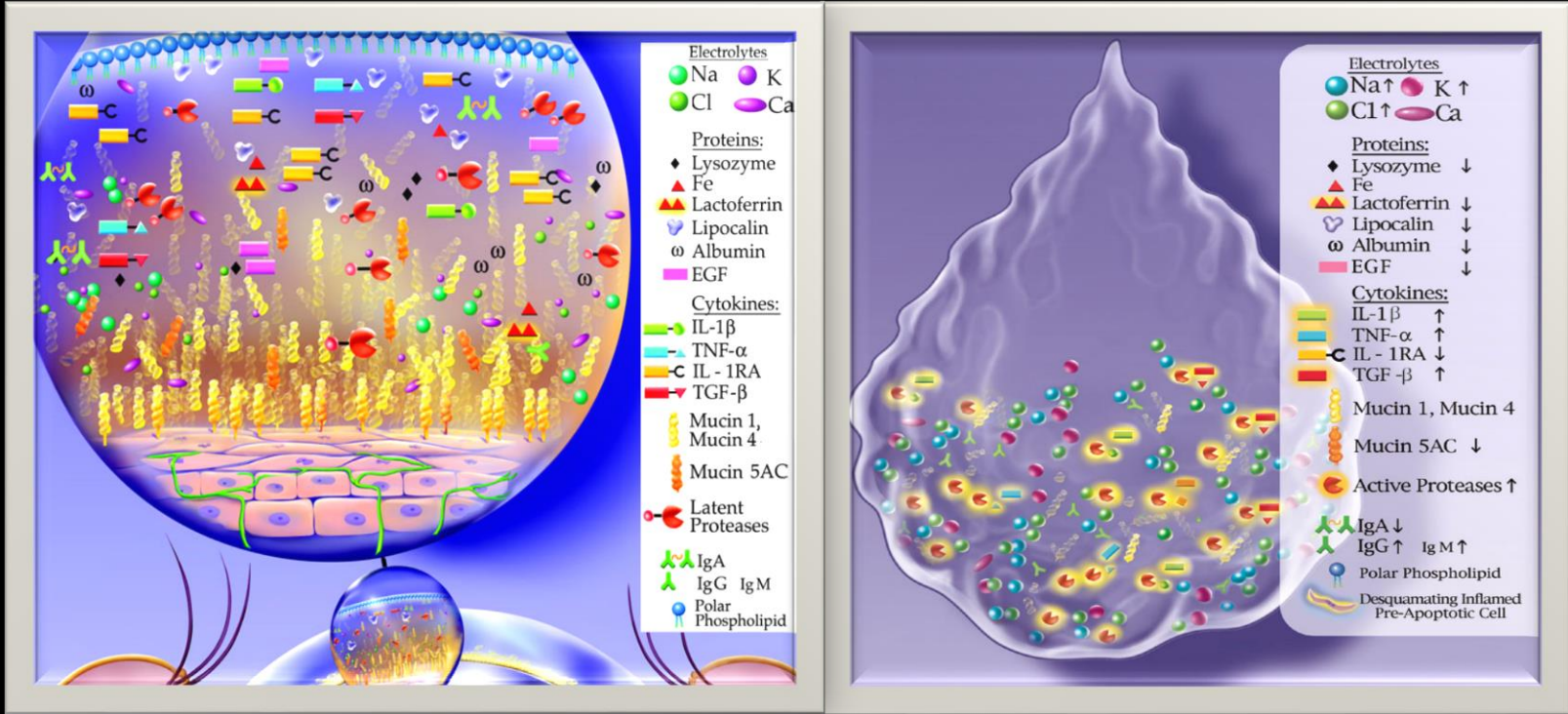








Kuru Göz Sendromu



OKÜLER YÜZEYDE İNFLAMATUAR YANIT

Kuru Göz Sendromu

– Sjögren Sendromu

- *Primer*
- *Sekonder (RA, skleroderma, miyozit, LE)*

– Menopoz

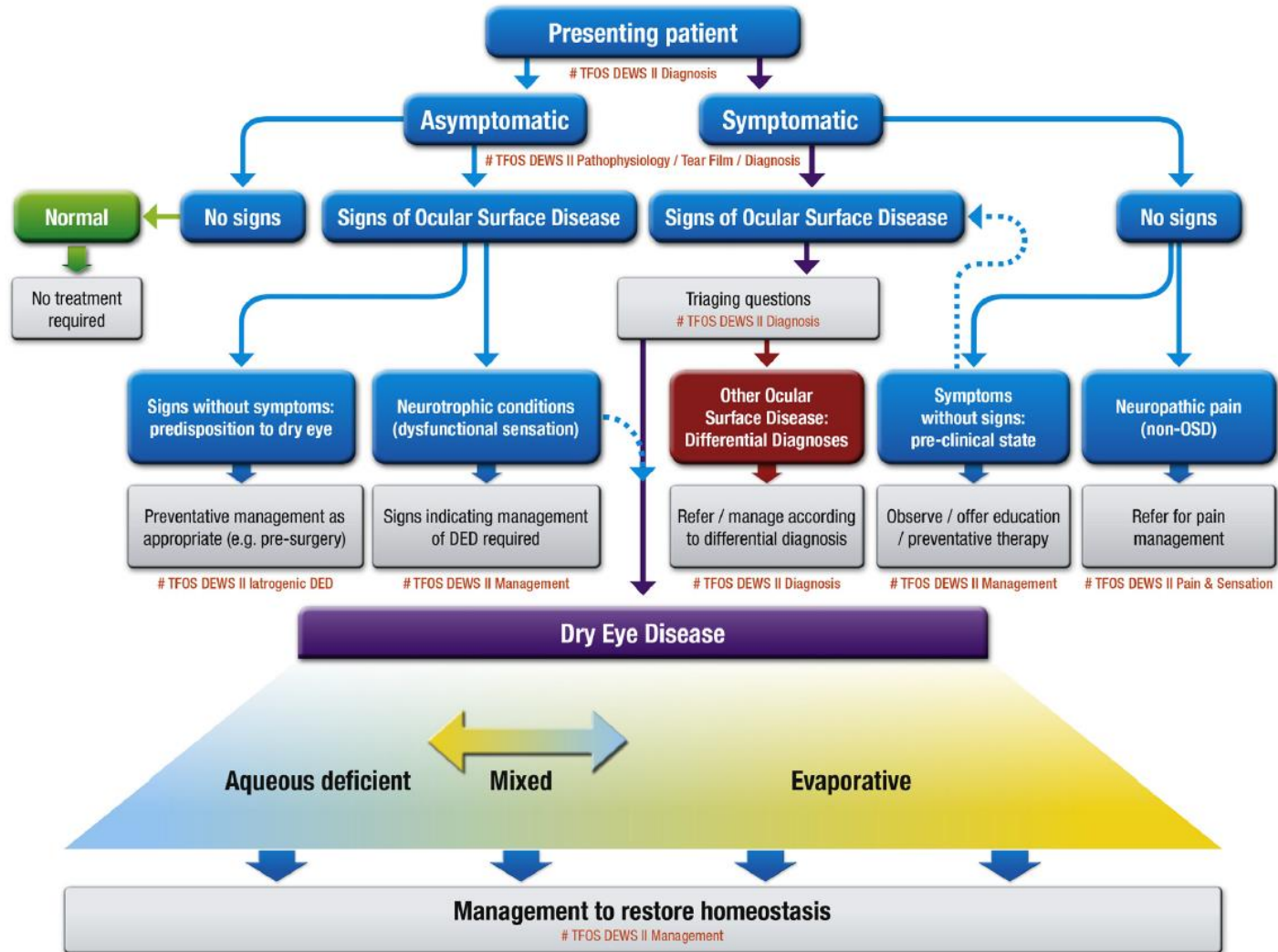
– Sistemik ilaçlar

- *Antihipertansif*
- *Antidepresan*
- *Antihistaminik ...*

– Göz kapağının inflamatuvar hastalıkları

– Konjonktivanın skatrizan hastalıkları

- *Oküler skatrisyel pemfigus*
- *Stevens Johnson sendromu*
- *Kimyasal yanıklar...*



GÖZYAŞI



Lipid tabaka
0,1 µ

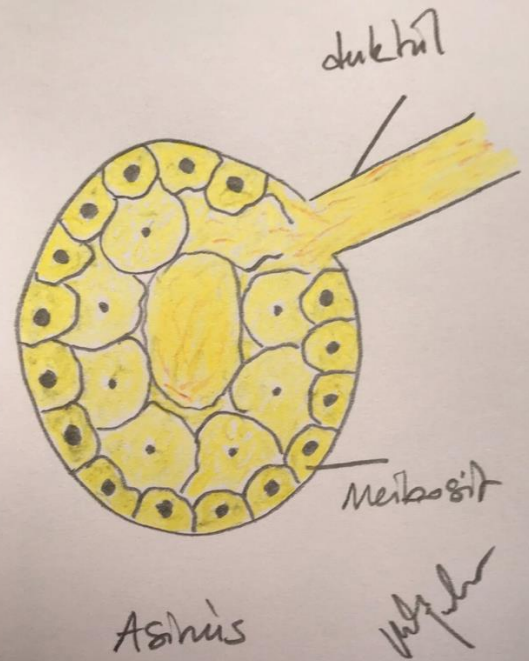
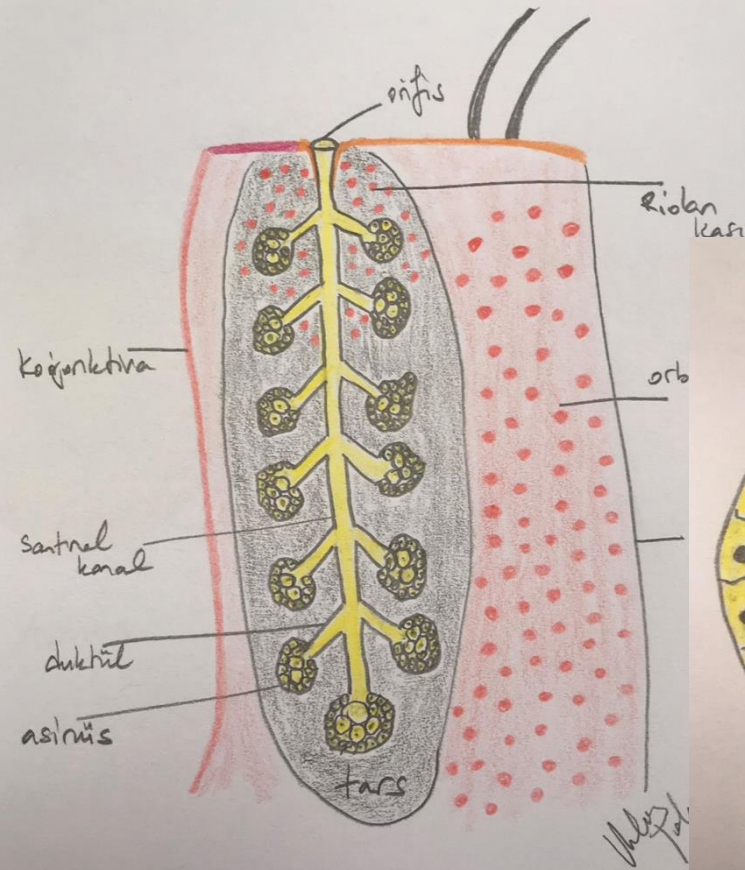
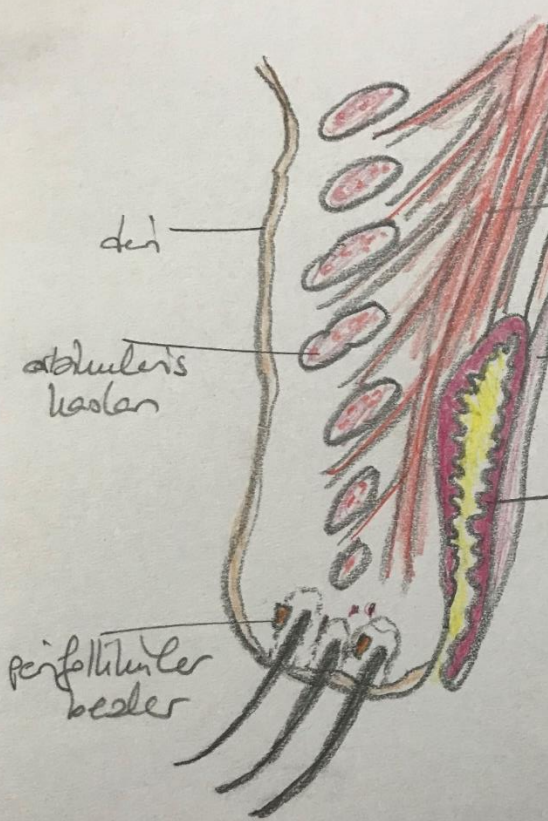
Epitel tabaka
8 µ

Endotel tabaka
0,8 µ

Kornea

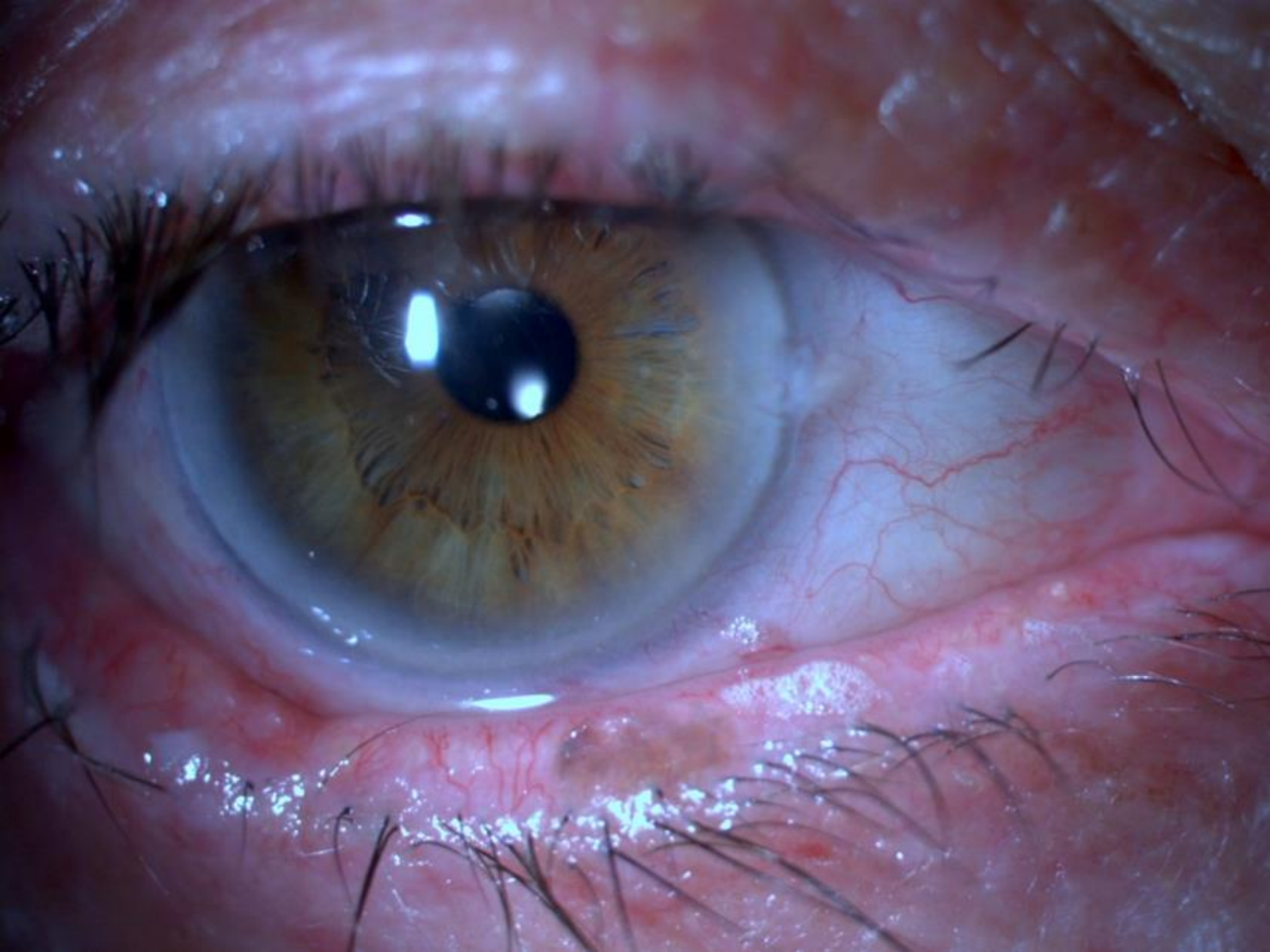
Uygul

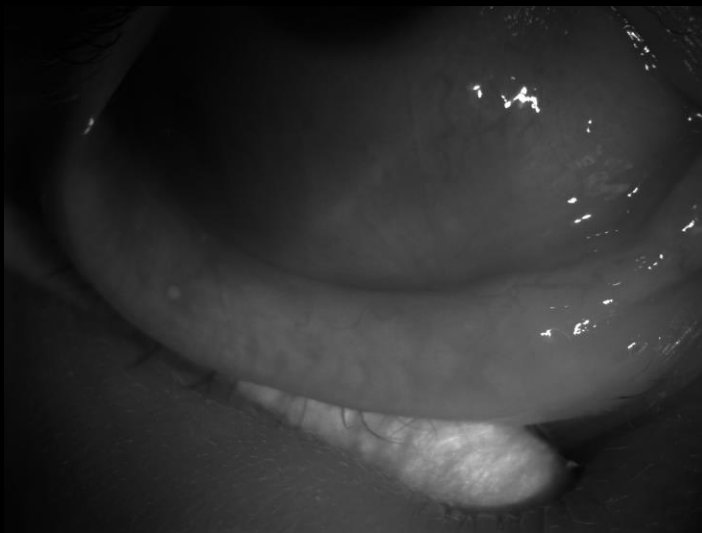




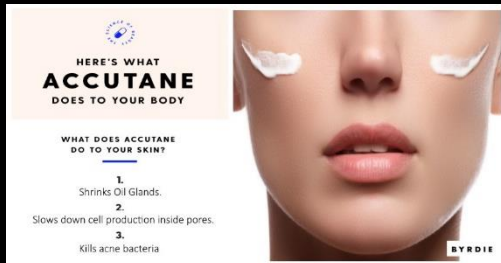








MGD Riskini Arttıran Faktörler



MGD

- BUT azalması
- Hiperözmolarite → evaporasyona bağlı
- Refleks sulanma

Mekanik irritasyon



Friksiyon artışı



İnflamasyon



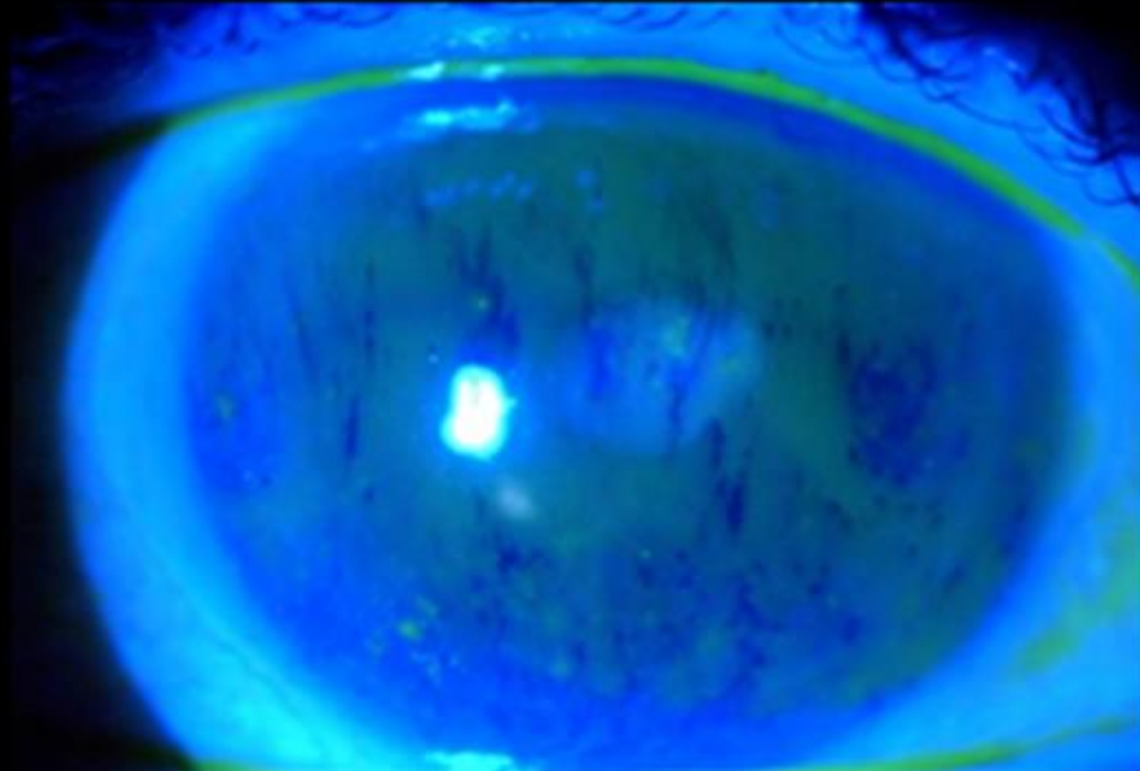
Görme problemleri

Gözyaşı Kırılma Zamanı (BUT)

10 sn üstü → normal

5-10 sn → şüpheli

5 sn altı → düşük



Osmolarite

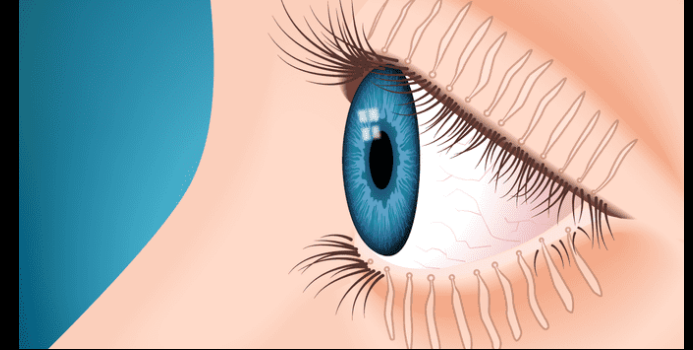
- $> 308 \text{ mOsm/ml}$
- İki göz arasında $> 8 \text{ mOsm/ml}$ fark

Hiperosmolarite



MGD Tedavisi

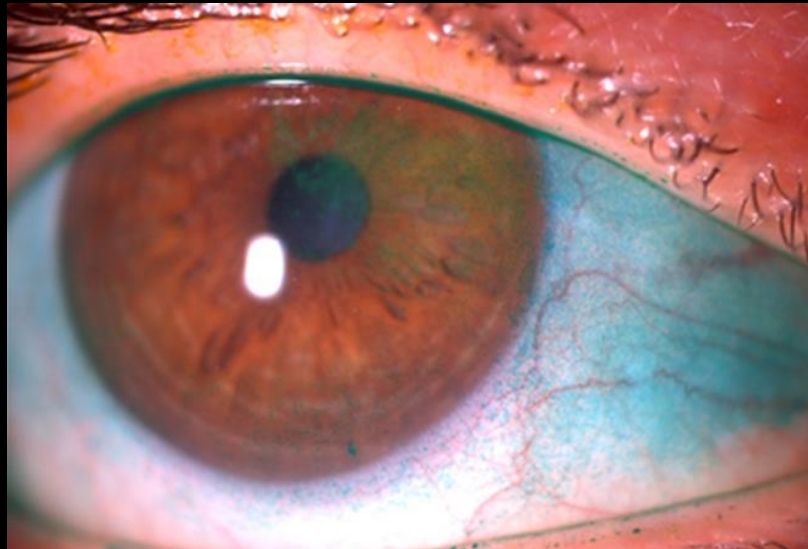
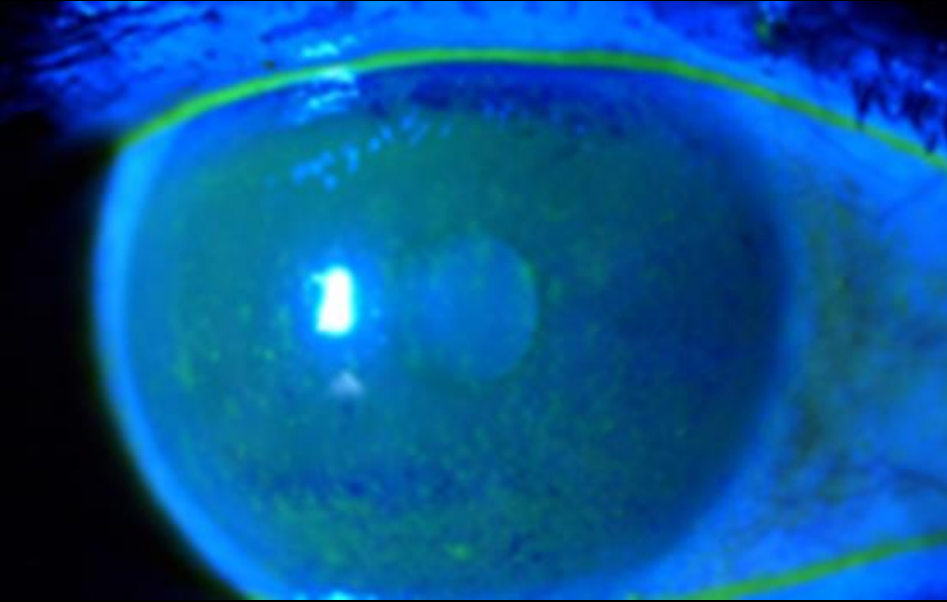
- Kortikosteroidler
- Tetrasiklinler
- Azitromisin
- Siklosporin
- Suni gözyaşı preparatları



Schirmer 1 Testi

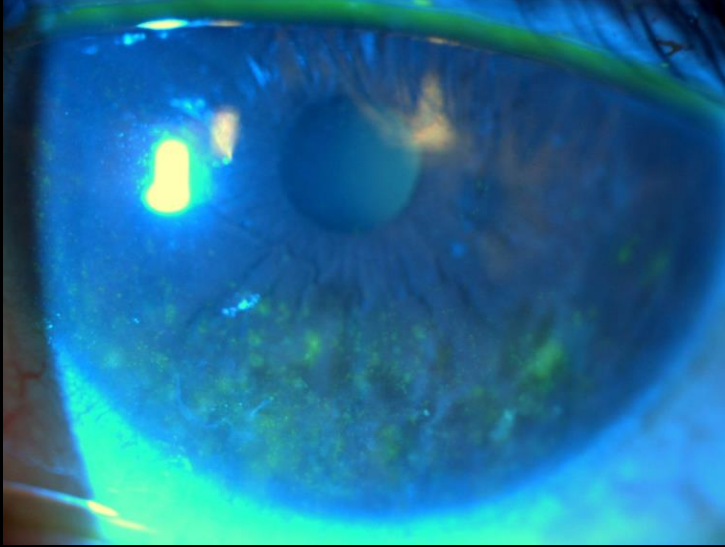


Oküler Yüzey Boyanması

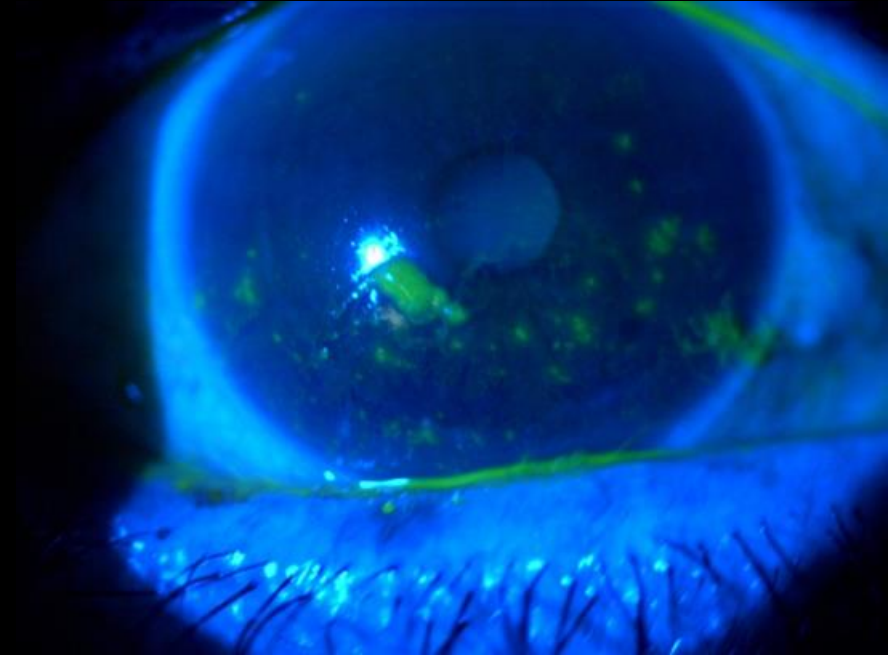
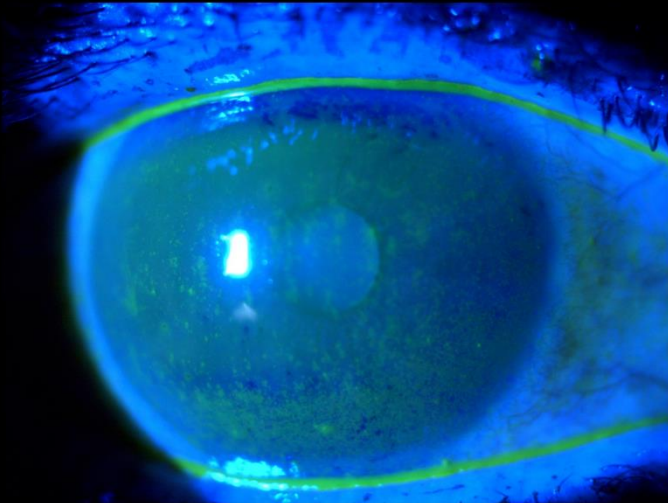


PANEL	GRADE	VERBAL DES
A	0	Absent
B	I	Minimal
C	II	Mild
D	III	Moderate
E	IV	Marked
>E	V	Severe

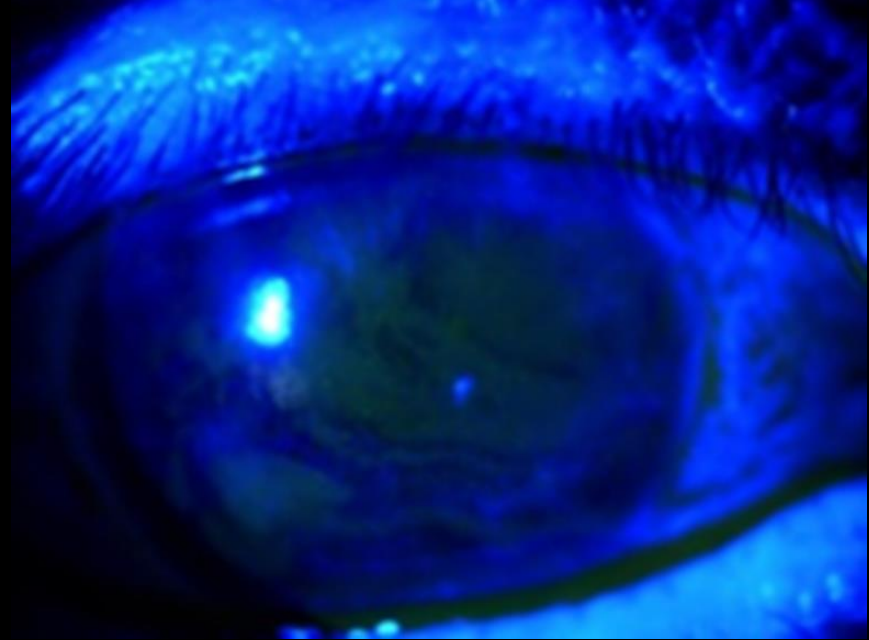
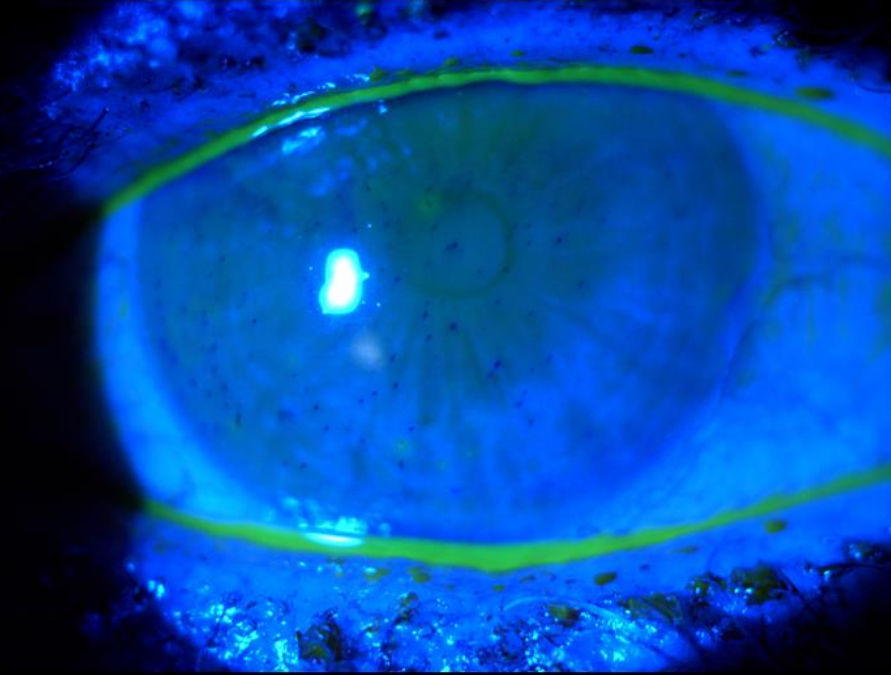
Tedavi



Koruyucu önlemler
Topikal gözyaşı damla pomadları
Yüzeyel etkili hafif steroid
Topikal siklosporin



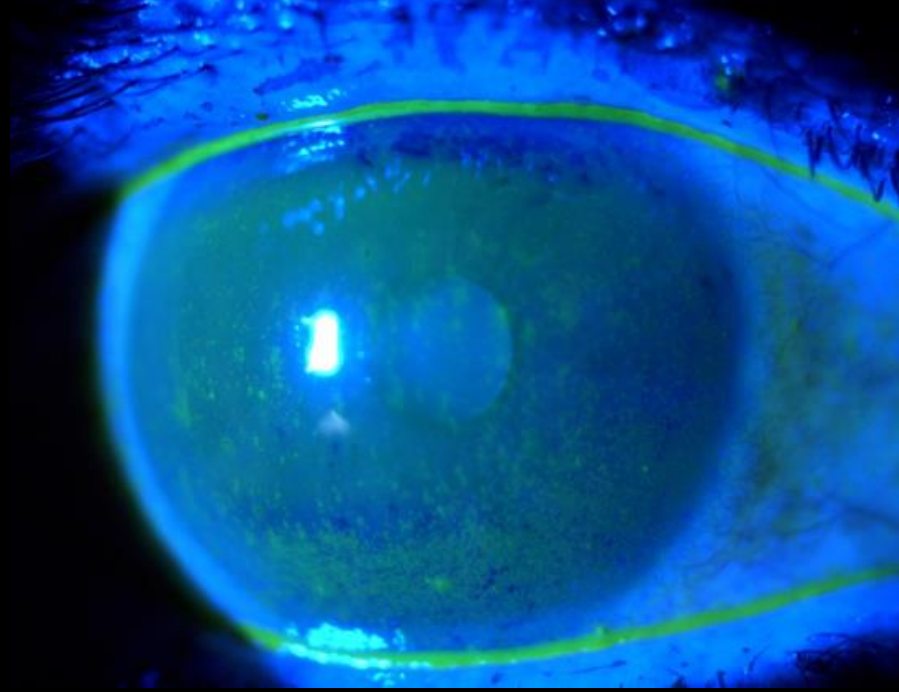
Düzey 1



- Hasta eğitimi
- Ortam değişikliği
- Suni gözyaşı



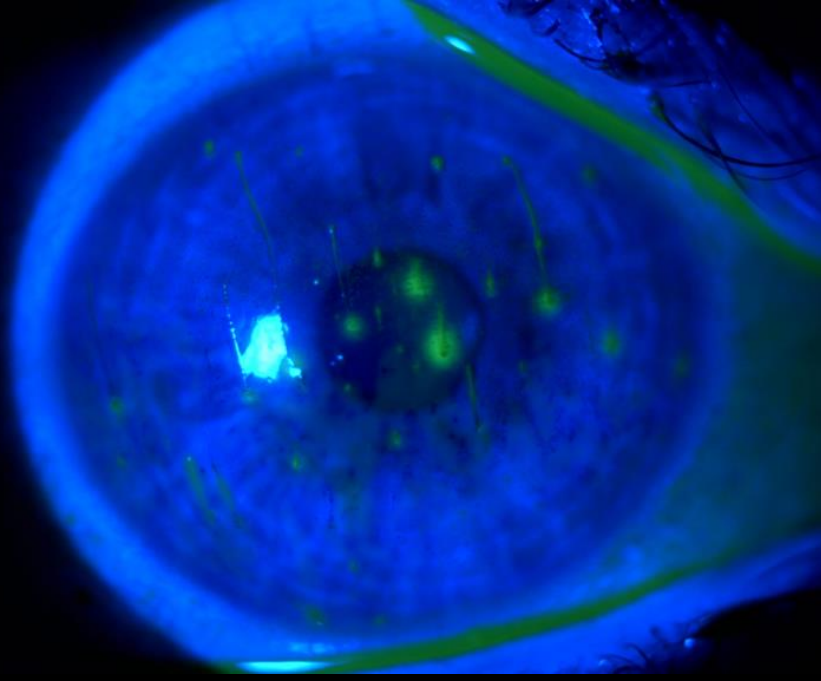
Düzey 2



- Hasta eğitimi
- Ortam değişikliği
- Suni gözyaşı

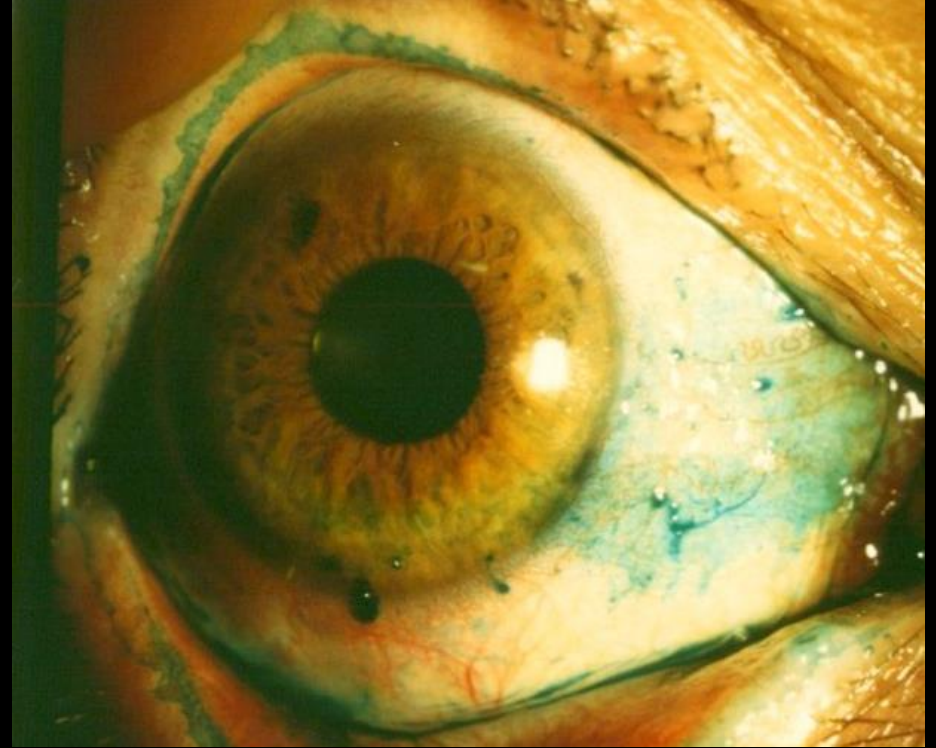
- Prezervansız suni gözyaşı
- Topikal steroid
- Topikal siklosporin

Düzey 3



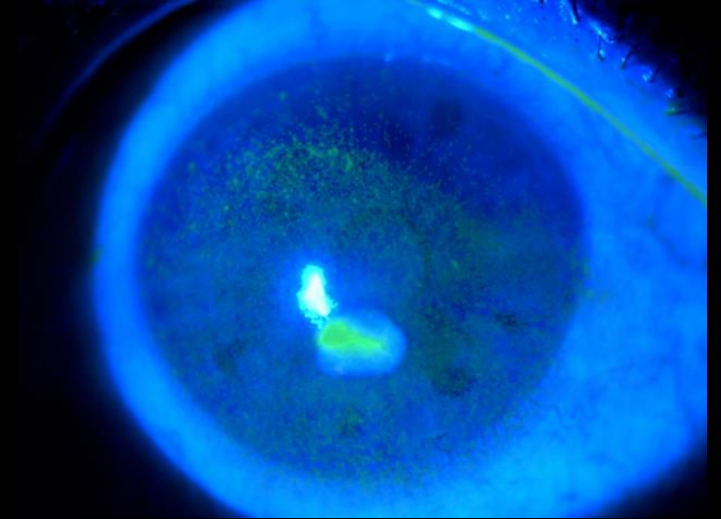
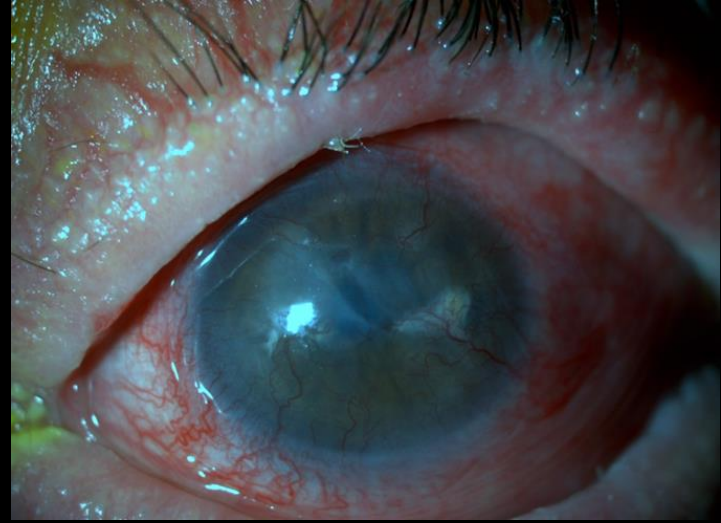
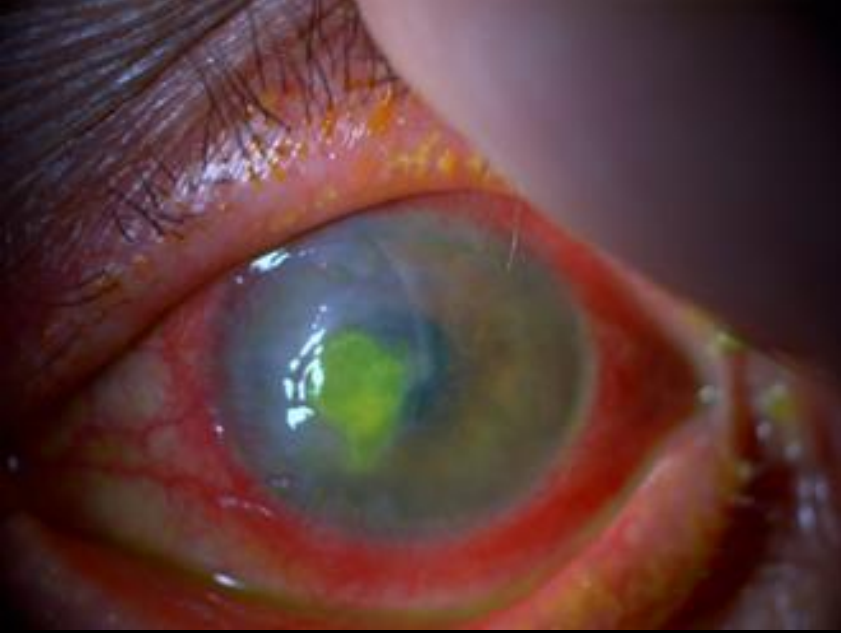
- Hasta eğitimi
- Ortam değişikliği
- Suni gözyaşı

- Prezervansız suni gözyaşı
- Topikal steroid
- Topikal siklosporin



- Sistemik tetrasiklin
- N-Asetil sistein

Düzey 4

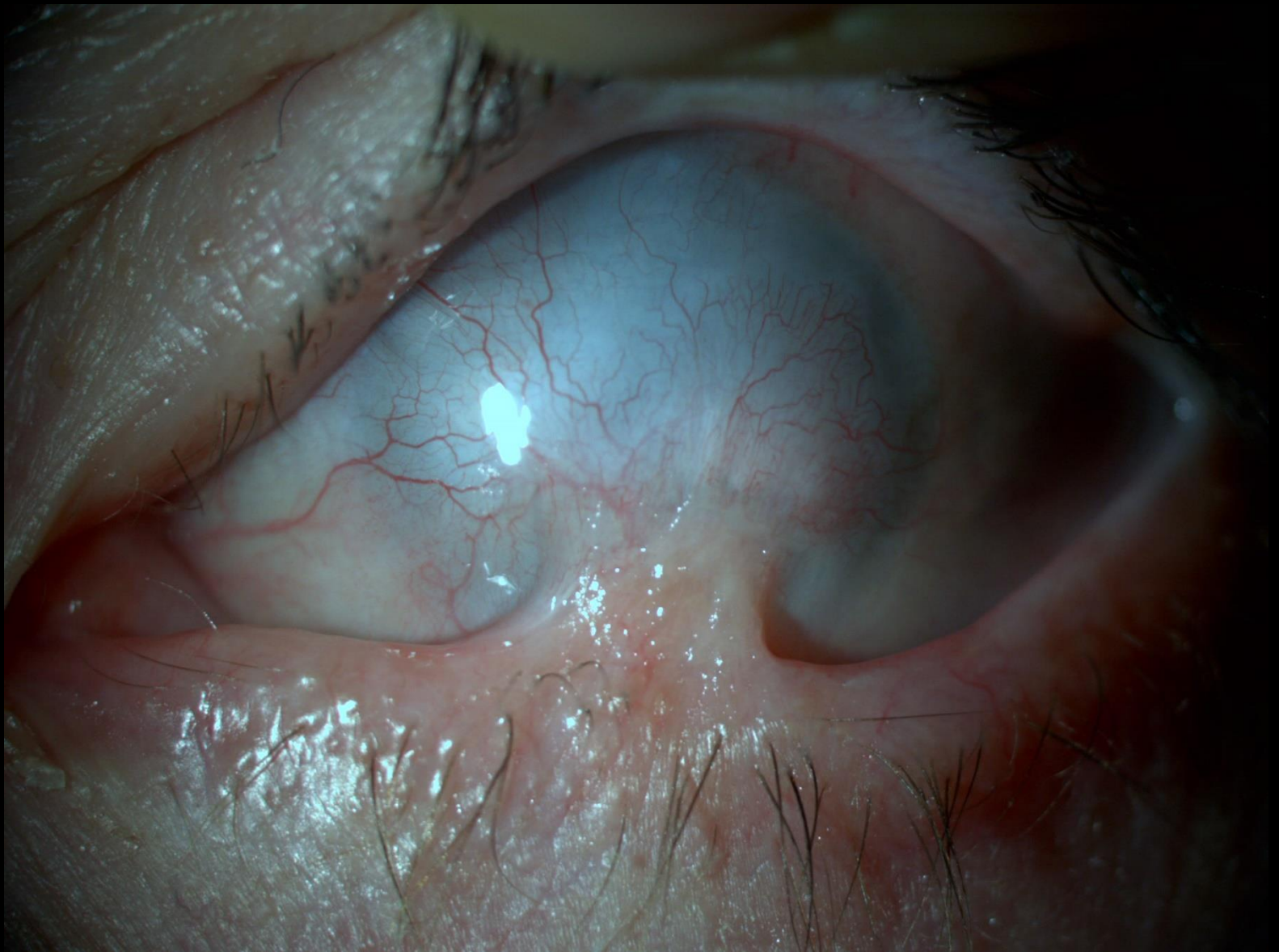


- Hasta eğitimi
- Ortam değişikliği
- Suni gözyaşı

- Prezervansız suni gözyaşı
- Topikal steroid
- Topikal siklosporin

- Sistemik tetrasiklin
- N-Asetil sistein

- Otolog serum
- Koruyucu gözlük
- Punktum tıkaçı



SÖZÜN ÖZÜ

- Hiperemi → derin / yüzeysel
- Görmede azalma?
- Ağrı?
- Primer oküler bir neden mi?
- Tetikleyici sistemik ek hastalık var mı?
- Altta yatan neden düzeltilmeden tedavi başarısız

