

# Blepharitis

- Symptoms & signs
  - Crusting
  - Oil droplets
  - Grittiness
- Treatment
  - Lid hygiene
  - Doxycycline 100mg daily  
4-6 weeks



# Blepharitis

- “inflammation of the lid margin”
- Anterior Blepharitis
  - Affects base of eyelashes
  - Associated with staphylococcal infection or Seborrhea
  - Complicated by recurrent stye ,scarring of the lid margin and loss of eyelashes
- Posterior Blepharitis
  - Affects meibomian gland openings
  - Associated with meibomian gland dysfunction
  - Complicated by recurrent chalazia, tear film instability and scarring of the lid margin

# **Posterior blepharitis**

- Complications



- treatment
  - \*lid hyg.
  - \*Tear subst.
  - \*Systemic Tetracyclin or oxycyclin in severe cases.

# Anterior blepharitis

## 1. Seborrheic (scaly)



## 5. Parasitic blepharitis

- Pubic louse& its ova(nits).
- Typically affects children with poor hyg.conditions.
- Itching.



Treatment - removal, destruction and delousing

# Anterior blepharitis

## 2.staph.blepharitis (m/I sign)



Upon removal  
of crusts  
**ulceration**  
is evident

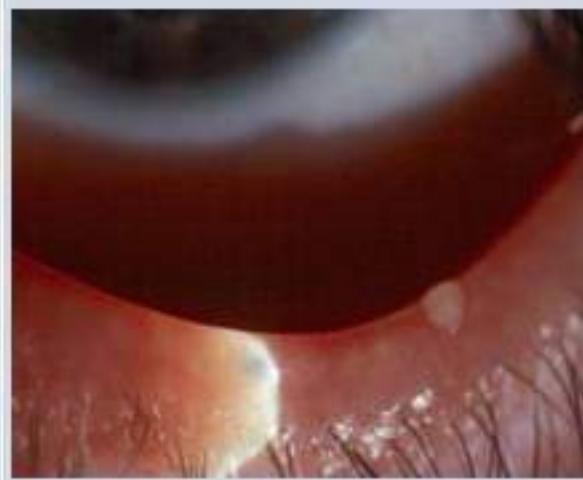
## Anterior blepharitis

- Inflamed eyelids
- Lid margin telangiectasia
- Scales and collarettes base of lashes
- Madarosis
- Trichiasis
- Lid notching

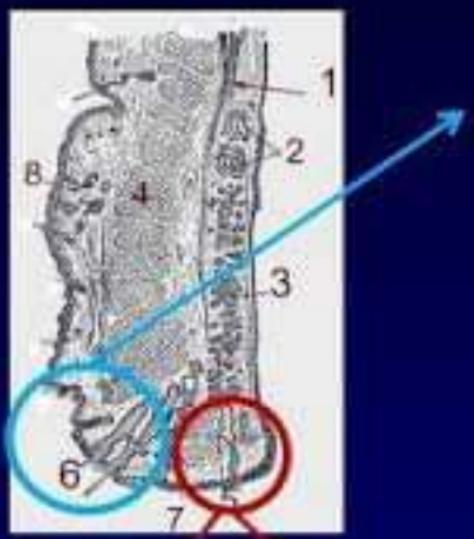


## Posterior blepharitis

- Meibomian gland pouting, capping, hypertrophy or inflammation
- Posterior lid margin telangiectasia



# Szemhéjszél chronicus gyulladása (chr. blepharitis)



## Anterior blepharitis:

seborrhoeás blepharitis / Staph. blepharitis  
szemhéjszél hyperaemiás, hámló  
crustákkal fedett, folliculitis gyakori  
kezelése: szemhéj higiene, esetenként  
antibiotikus kenőcs (steroid kenőcs),  
mükönny



## Posterior blepharitis:

Meibom mirigy dysfunctio- meibomianitis  
telt, eltömödött kivezető járatok  
könnyfilm instabilitás (evaporativ veszteség)  
kezelés: olajos lubrikálás, ált. tetracyclinek,  
meleg borogatás



# TREATMENT

## A. BLEPHARITIS

- ❑ Controlled by cleanliness of the lid margin, eyebrows, and scalp
- ❑ Removal of scales from the lid {HOT WASH CLOTH, DAMP APPLICATOR & BABY SHAMPOO}
- ❑ In acute exacerbations {appln of bacitracin or erythromycin daily to the lid margin}

## P. BLEPHARITIS

- Regular meibomian gland expression to control symptoms.
- For inflammation of the conjunctiva and cornea , active treatment is included,-
  1. long term low dose oral antibiotic therapy.
  2. Short term topical corticosteroids.

## TREATMENT

- Systemic antibiotic therapy
- Surgical relief of the underlying obstruction is usually done.

(in adults, standard procedure for obstruction of the lacrimal drainage system is dacryocystorhinostomy)

# Blepharitis

- characterized by
  - lid crusting
  - Redness & telangiectasia
  - Styes and conjunctivitis frequent association
- *Staphylococcus* and other skin flora major cause
- Often meibomian gland abnormality
- Older patients may have dry eye
- Treatment
  - Lid hygiene, diluted baby shampoo
  - Topical antibiotics
  - Lubricants
- Doxycycline- meibomian gland disease and rosacea
- 200mg start then 100mg od for 1/12

