

Characterization of conjunctival and sub-conjunctival inflammatory lesions and associated systemic conditions



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Study outline

To examine the association between conjunctival lesions and systemic manifestations .

Method

Retrospective case study

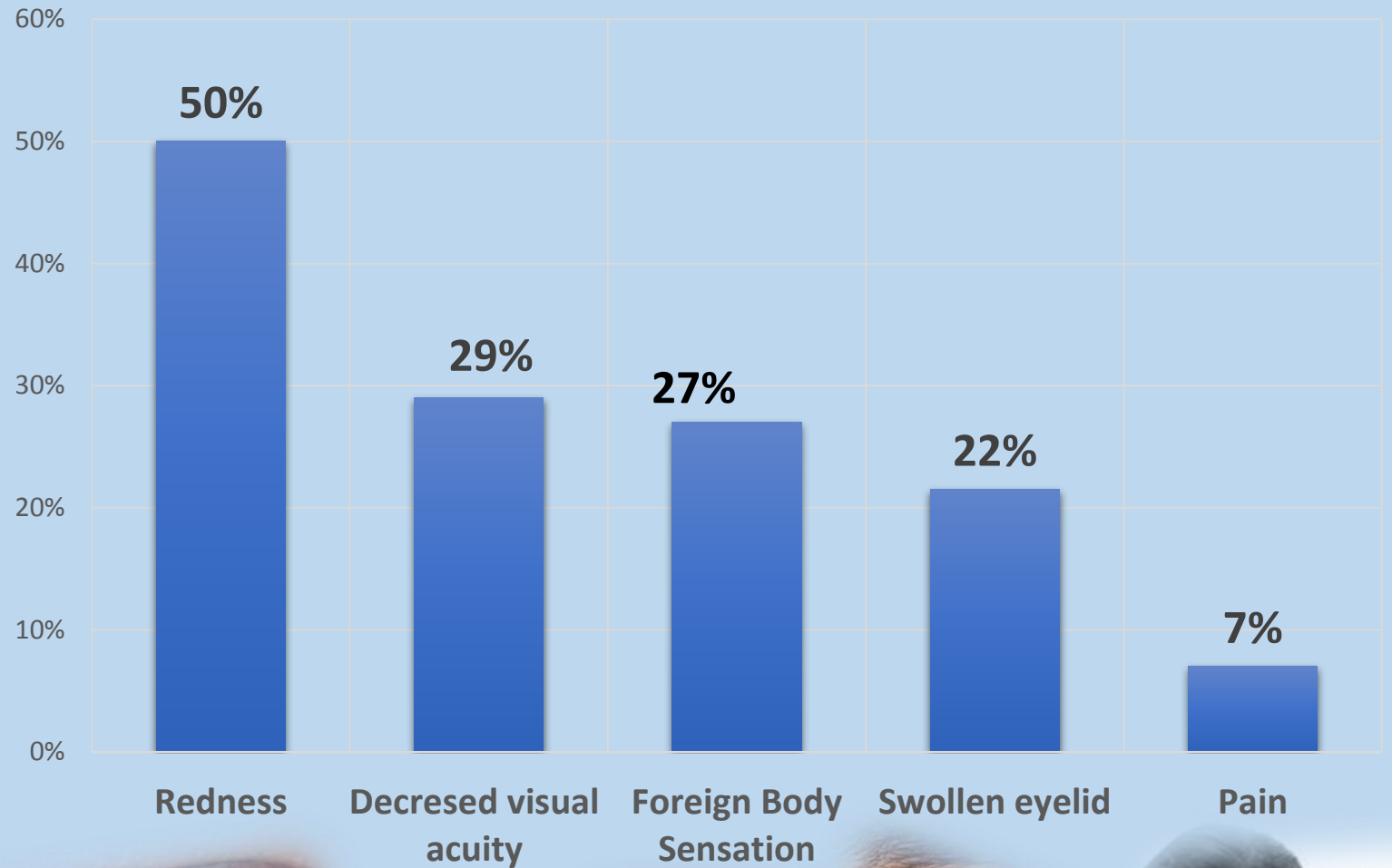
Our cohort

- 12 patients with inflammatory conjunctival and sub conjunctival lesions
- 72 % female 28% male
- Average age was 40.7 years
- Average Follow up time of 21.5 month



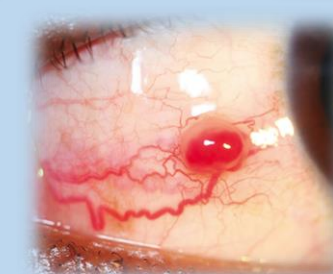
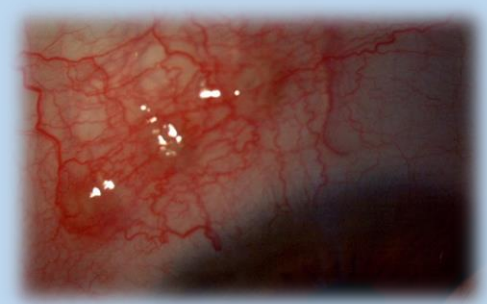
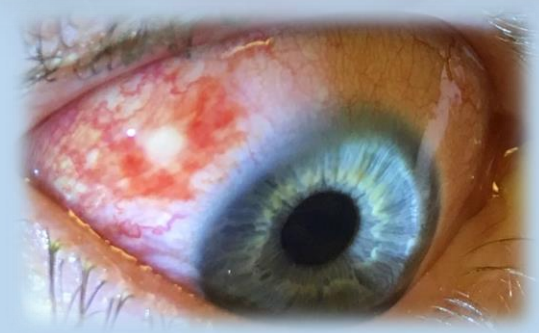
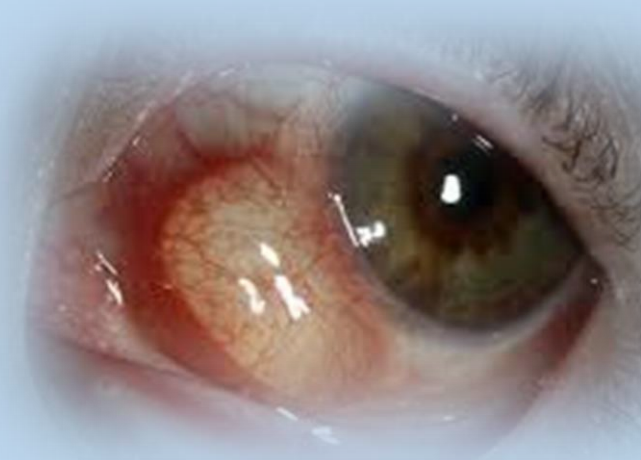
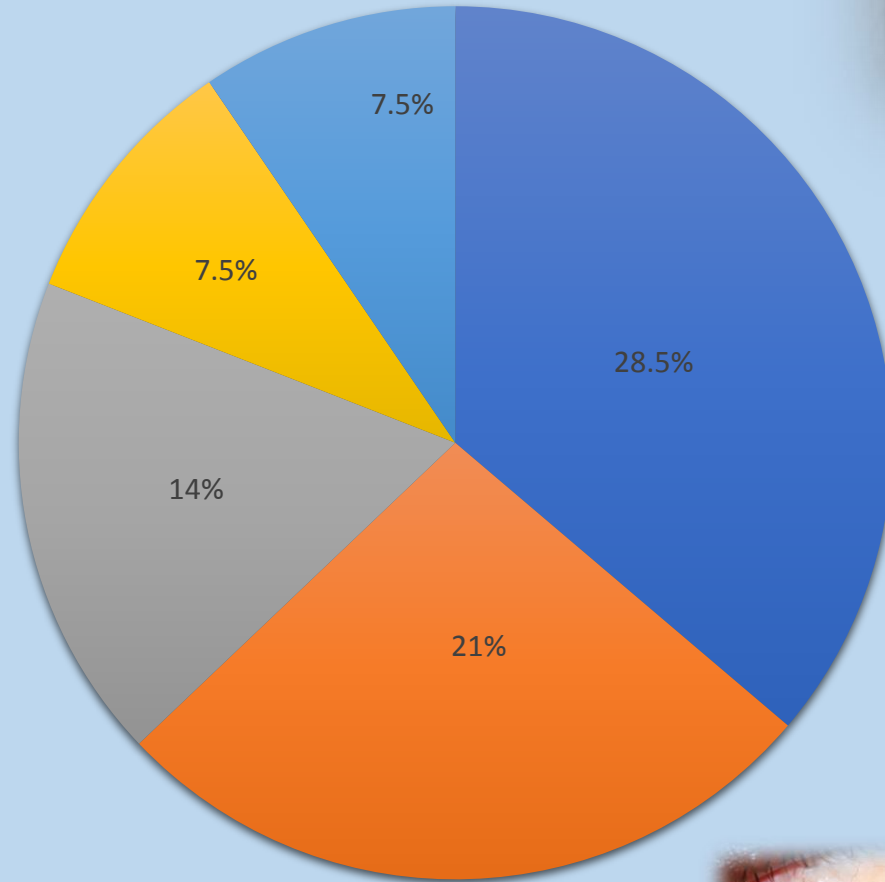
Symptoms

- 36% both eyes
- 27% left eye
- 36.6% right eye



Inflammatory Conjunctival findings

- Conjunctival Cysts
- Ulcer
- Sub conjunctival Nodules
- Conjunctival nodules
- Pyogenic granuloma



Associated conditions

1. Ocular inflammatory condition :

Uveitis- 7%

Band keratopathy – 9%

2. Systemic inflammatory diseases - 45.5% :

Bechet's, Pemphigus vulgaris, JIA, spondyloarthropathies

40% of these patients first presented with ocular symptoms

3. Malignancy -18%:

Ovarian cancer, testicular teratoma, neuroendocrine tumor

Treatment

- Topical treatment- 63 %
- Combined topical and systemic - 37%

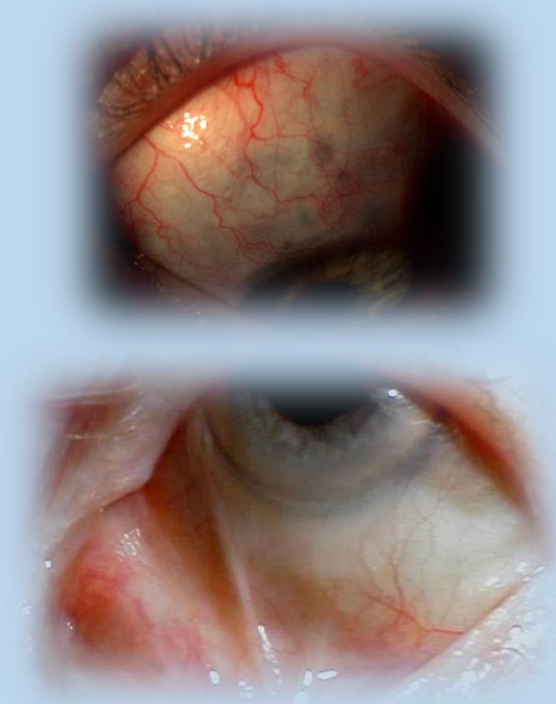


Outcome



Ocular

- 90% resolution
- 20% local sequel (fibrosis\scarring\atrophy)
- 9% on going with improvement



Systemic

- 9% death
- 82% are under control
- 9% currently treated

at present we are studying the specific characteristics of the lesions predicting association to systemic conditions.

- 1) duration ?
- 2) multiple lesions ?
- 3) Location?
- 4) Lesion size?
- 5) laterality of diseases?

Knowing the correlation to systemic disease will influence:

- **patient management**

topical \systemic

- **patient workup**

Dx time

Over study ↓ coast

Thank you

