

bacterial only

## **CONJUNCTIVITIS**



"Pink eye". Inflammation of the conjunctiva: the transparent tissue covering the outer wall of the eye (sclera) and the inner surface of the eyelids. Dilation of conjunctival blood vessels causes the pink hue.

| PRESENTATION                           |  |  |   |   |
|--|--|--|---|---|
|  | ALLERGIC   | IRRITANT                                     | VIRAL   | BACTERIAL   |
| Laterality                             | Bilateral  | Bilateral                                    | Bilateral   | Unilateral > bilateral  |
| Discharge                              | Minimal, ropey   | Watery                                       | Minimal, watery   | Purulent  |
| Sensation                              | Itchy, gritty,<br>blurriness   | Burning, gritty,<br>blurriness               | Irritation, stinging, blurriness  | Irritation, stinging,<br>blurriness                               |
| Associated<br>with                     | <ul><li>Puffy</li><li>"allergic</li><li>shiners"</li><li>Allergen</li><li>exposure</li></ul> | Chlorine,<br>shampoo,<br>smoke,<br>chemicals | <ul> <li>Pre-auricular<br/>lymphadeno-<br/>pathy</li> <li>URTI symptoms</li> <li>Sick contacts</li> </ul> | <ul><li>Sick contacts</li><li>Poor contact lens hygiene</li></ul> |
| MANAGEMENT                             |  |  |   |   |
|  | ALLERGIC   | IRRITANT                                     | VIRAL   | BACTERIAL   |
| Cool compress,<br>Artificial tears     | <b>✓</b>   | <b>✓</b>                                     | V   | V   |
| Antihistamines                         | <b>✓</b>   |  |   |   |
| <b>↓</b> Exposure                      | <b>√</b>   | <b>√</b>                                     |   |   |
| Frequent hand hygiene                  |  |  | <b>√</b>  | V   |
| No contact<br>lenses until<br>resolved | <b>√</b>   | <b>√</b>                                     | <b>√</b>  | ✓   |
| Topical antibiotics for                |  |  | cin or Bacitracin/Polymy<br>cumoniae, M. catarrhalis  |   |

| Red flags for urgent ophthalmology referrals |   |                                      |  |  |
|--|---|--------------------------------------|--|--|
| HSV infection                                | Unilateral vesicular rash or ++ pain      | Empiric acyclovir                    |  |  |
| Gonococcal                                   | Hyperacute, <b>hyperpurulent</b> , severe | Empiric ceftriaxone + azithromycin   |  |  |
| Ophthalmia Neonatorum                        | Conjunctivitis in ≤30 days of life        | All the above to cover HSV and CT/NG |  |  |

Contact lens users: fluoroquinolones (Moxifloxacin or Ciprofloxacin)

Covers: **Pseudomonas** in addition to the above