

**PHB**

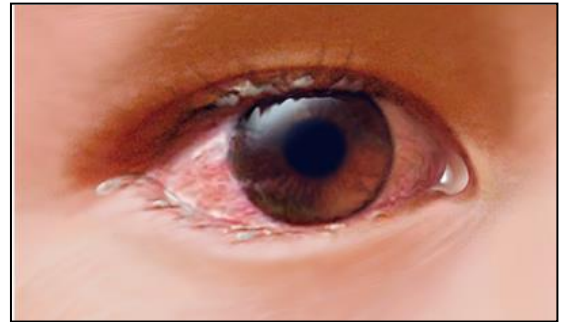


<b>Course</b>	<b>: D. Pharm</b>
<b>Year</b>	<b>: Second Year</b>
<b>Subject Name</b>	<b>: Pharmacotherapeutics</b>
<b>Topic Name</b>	<b>: Conjunctivitis</b>

Pink eye is an inflammation of the transparent membrane that lines the eyelid and eyeball. This membrane is called the **conjunctiva**. When small blood vessels in the conjunctiva become swollen and irritated, they are more visible. This is what causes the whites of the eyes to appear reddish or pink. Pink eye also is called **conjunctivitis**.

**Reasons of pink eye show the infection by:**

- Viruses.
- Bacteria.
- Allergies.
- A chemical splash in the eye.
- A foreign object in the eye.
- In newborns, a blocked tear duct.



**Symptoms:** The most common pink eye symptoms include:

- Redness in one or both eyes.
- Itchiness in one or both eyes.
- A gritty feeling in one or both eyes.
- A discharge in one or both eyes that forms a crust during the night that may prevent your eye or eyes from opening in the morning.
- Tearing.
- Sensitivity to light, called photophobia.

**Complications**

In both children and adults, pink eye can cause inflammation in the cornea that can affect vision. Prompt evaluation and treatment by your health care provider can reduce the risk of complications. See your provider if you have:

- Eye pain.
- A feeling that something is stuck in your eye.
- Blurred vision.
- Light sensitivity.

## Preventing the spread of pink eye

Practice good hygiene to control the spread of pink eye. For instance:

- Don't touch your eyes with your hands.
- Wash your hands often.
- Use a clean towel and washcloth daily.
- Don't share towels or washcloths.
- Change your pillowcases often.
- Throw away old eye cosmetics, such as mascara.
- Don't share eye cosmetics or personal eye care items.

## Conjunctivitis Infection caused by :

### Viral Conjunctivitis

- Infection of the eye caused by a virus including **herpes simplex virus** and **varicella-zoster virus**.
- Can be caused by a number of different viruses, such as adenoviruses.

### Bacterial Conjunctivitis

- Infection of the eye caused by certain bacteria
- Can be caused by *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Haemophilus influenzae*, or, less commonly, *Chlamydia trachomatis* and *Neisseria gonorrhoeae*

### Allergic Conjunctivitis

- The result of the body's reaction to allergens, such as pollen from trees, plants, grasses, and weeds; dust mites; molds; dander from pets; medicines; or cosmetics
- Occurs more frequently among people with other allergic conditions, such as hay fever, asthma, and eczema

### Conjunctivitis Caused by Irritants

- Caused by irritation from a foreign body in the eye or contact with smoke, dust, fumes, or chemicals