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OCULAR DISEASE

PINGUECULA



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Introduction

- Pinguecula is an extremely common degenerative condition of the conjunctiva.
- It is characterized by formation of a yellowish white patch on the bulbar conjunctiva near the limbus. This condition is termed pinguecula



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Etiology

- Pinguecula is not known exactly. It has been considered as *an age-change, occurring more* commonly in persons exposed to strong sunlight, dust and wind.
- It is also considered a precursor of pterygium.



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Pathology

- There is an elastotic degeneration of collagen fibres of the substantia propria of conjunctiva, coupled with deposition of amorphous hyaline material in the substance of conjunctiva



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Clinical features

- Pterygium is a bilateral
- Stationary condition
- presenting as yellowishwhite triangular patch near the limbus.
- Apex of the triangle is away from the cornea.
- It affects the nasal side first and then the temporal side.



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Pinguecula





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Complications

- Pinguecula include its inflammation, intraepithelial abscess formation and rarely conversion into pterygium.



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Treatment

- In routine no treatment is required for pinguecula. However, if so desired, it may be excised.