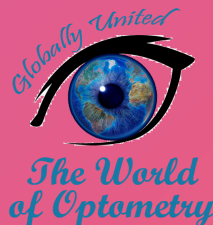


TWOP Discussion

Globally United
KERATOCONUS
The



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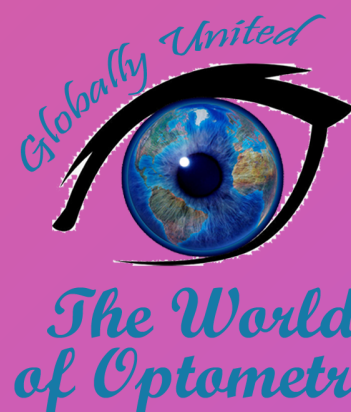
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DRAG TO THE SIDE
DRAG TO THE SIDE

#TwopDiscussion

DEFINITION

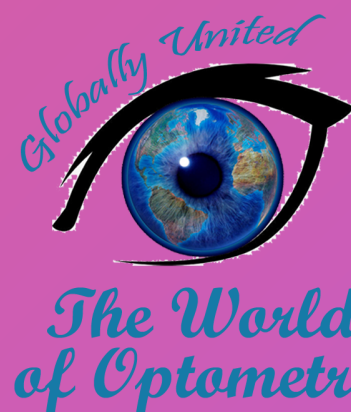
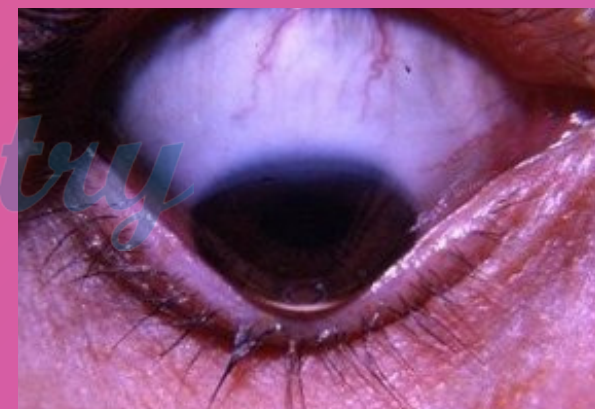
Keratoconus is a common eye condition that affects the shape of the cornea. It is thought-about as a bilateral progressive **thinning** and **protrusion** of the cornea in a **cone** shape. Its prevalence ranges from 0.05 to 5% as per population-based studies.



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S I G N S

It include irregular astigmatism, **oil droplet reflex** from distance direct Ophthalmoscopy, **scissors reflex** on Retinoscopy, continue thinning of the cornea, thin lines in the cornea (**Vogt's striae**), **Fleischer rings** (iron deposition), conical protrusion of lower eyelid on downgaze (**Munson's Sign**).



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SYMPTOMS

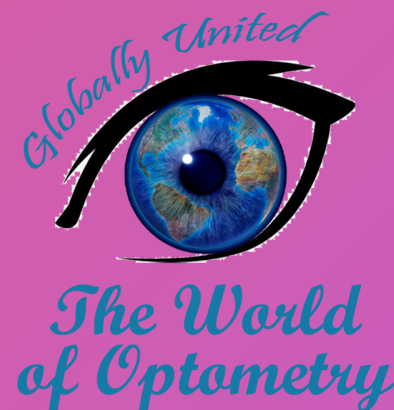
- It is usually present in early adulthood, and earlier presentation is related to a worse prognosis.
- Its symptoms include the **inability to see at a longer distance** & bright light intolerance.
- **Double or multiple images** of an object.



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CAUSES & RISK FACTORS

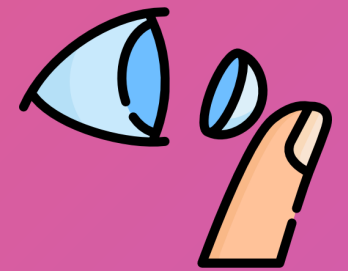
- Though it has an unclear etiology but it may be due to **eye rubbing** (as in eye allergies).
- Abnormality of the **corneal stroma**, some **systemic disorders or syndromes**.
- Familial or autosomal dominant in origin.



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MANAGEMENT

- As this condition is **progressive**, so frequent changes in refractive error are common and impact the quality of life and career for which the patients need counseling.
- **Other options include:** Glasses, Contact Lenses both Corneal and Scleral, Corneal Cross Linkage to stabilize the cornea, Corneal Intacs, and Keratoplasty; to transplant the cornea by a healthy one surgically.



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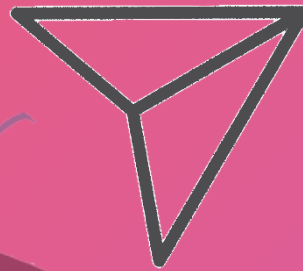
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Wow, what cool content



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