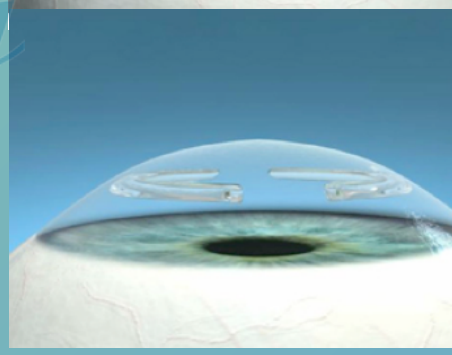
TWOP Discussion

INTRASTROMAL CORNEAL RING SEGMENTS

DRAG TO THE SIDE
DRAG TO THE SIDE

#TwopDiscussion

INTRASTROMAL CORNEAL RING SEGMENTS (INTACS)



- **INTACS** is a non-laser procedure that involves implanting two tiny plastic arcs in the cornea. **INTACTS** were designed initially for the treatment of low myopia (up to 3 D)

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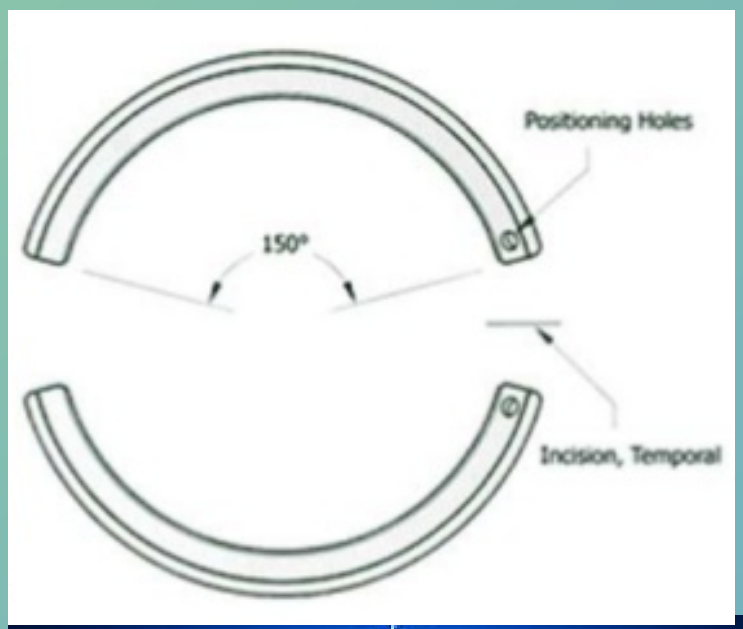
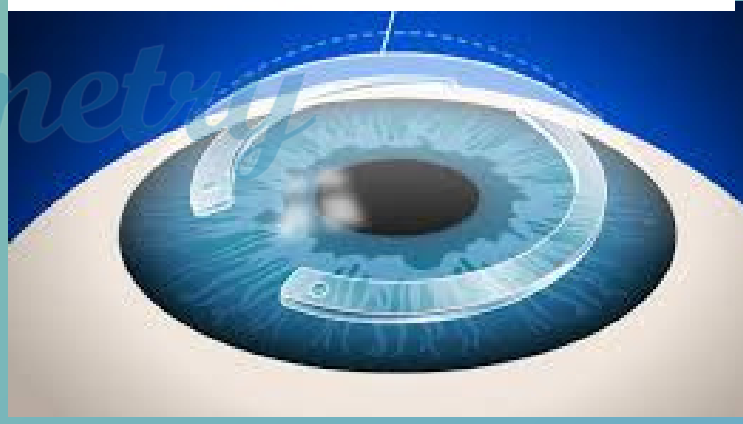
DESIGN

- It consists of 2 segments, each with an arc length of 150 degrees.
- It comes in 3 diameters 0.25 mm, 0.3 mm and 0.35 mm.
- It is made up of polymethyl methacrylate.





Mechanism of Action

- It acts by flattening the corneal periphery and changing the arc length of the anterior corneal curvature.

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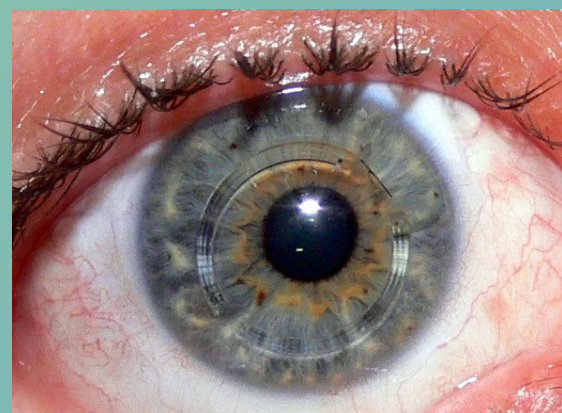
The amount of flattening depends on:

- **Thickness of ring:** Thicker the ring, more the flattening.



- **Diameter of ring:** Smaller the diameter of the ring, more the flattening.

Advantages:

- They are used for the treatment of Keratoconus.

- The ring segments can be removed or exchanged.

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Wow, what cool content

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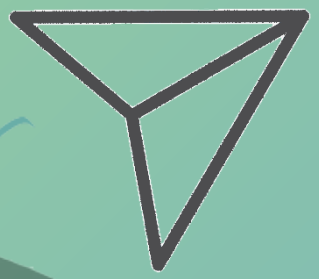

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