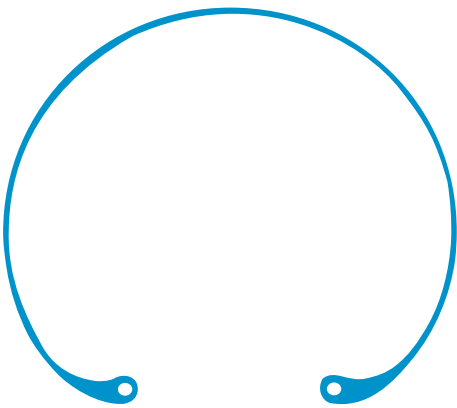


CAPSULAR TENSION RING (CTR)

Clear as well as Blue in color

PMMA CTR



BIO VISION Capsular Tension Ring (CTR) is a sterile non-optical implant. It is a semicircular ring made entirely of medical grade Poly Methyl Methacrylate (PMMA) with incorporated UV filter. There is one manipulation eyelet at each end of the ring. CTR is available in clear as well as Blue(B) color.

The CTR is intended for placement into the equator of the capsular bag during cataract surgery by using either forceps or a specially designed insertion instrument. CTR assists the cataract surgeon in placing and centering an intraocular lens. It provides additional support to the capsular bag that surrounds the eye's lens.

INDICATIONS

- Inadequate zonular support
- Patients with the pseudo-exfoliation syndrome
- Trauma causing zonular dialysis
- Phacodonesis
- Myopic eyes with IOL power less than 16 diopters.
- Repositioning of IOL decentration
- Disorders like: Marfan's syndrome, Scleroderma, homocystinuria, spherophakia, porphyria, Sulfite Oxidase deficiency, hyperlysinemia.
- Low or shallow anterior chamber depth: patients with previous glaucoma filtration surgery or patients with RK surgery with greater than 8 incisions.

ADVANTAGES

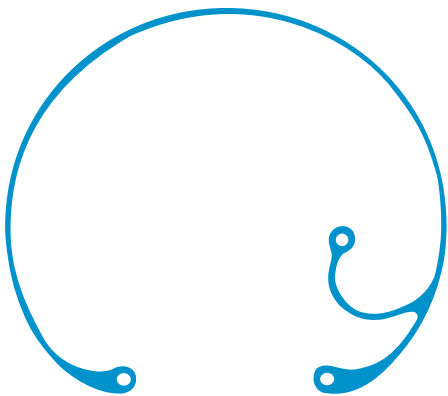
- Circular expansion and stabilization of the periphery of the capsular bag during cataract surgery.
- Reduced risk of capsular fibrosis and shrinking.
- Safe IOL centration in eyes with zonular dehiscence.

SELECTION OF PMMA CTR MODEL (SIZE)

- CTR11 has an uncompressed diameter of 11.0 mm and is designed for placement in Hyperopic eyes.
- CTR12 has an uncompressed diameter of 12.0 mm and is designed for placement in Average size eyes.
- CTR13 has an uncompressed diameter of 13.0 mm and is designed for placement in Myopic eyes.
- CTR14 has an uncompressed diameter of 14.0 mm and is designed for placement in high Myopic eyes.



Cionni Ring



INDICATIONS OF CIONNI RING

It helps to stabilize and re-center the lens in Capsular Bag in following circumstances:

- Subluxation
- High Myopia
- Marfan's syndrome
- Zonular Dialysis
- Missing or damaged Zonules
- Pseudoexfoliation

ADVANTAGES OF CIONNI RING OVER CONVENTIONAL CTR

- Can be used with large Zonular Dialysis
- Can be used in progressive Zonular weakness
- Allows suture fixation to Sciera by eyelets

