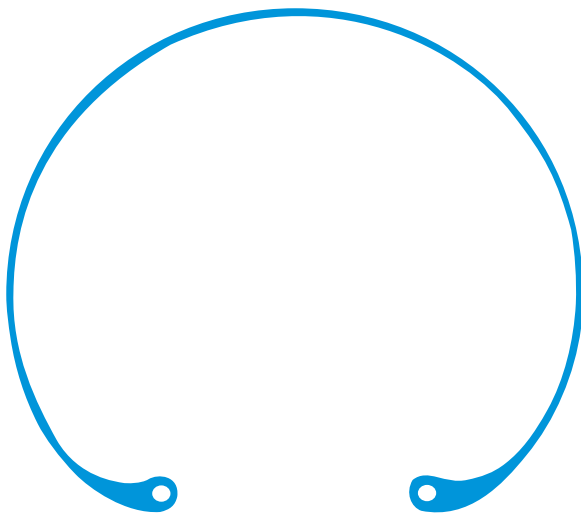




## CAPSULAR TENSION RING (CTR)

Clear as well as Blue in color

### PMMA CTR



PMMA Capsular Tension Ring (CTR) is a semi-circular ring entirely of PMMA CQ UV (Ultraviolet light absorbing polymethylmethacrylate) with one manipulation eyelet at each end of the ring. CTR is available in Clear as well as Blue color.

PMMA CTR is intended for placement into the equator of the Capsular Bag during Cataract Surgery by using either forceps or a CTR injector. PMMA CTRs are available in 3 sizes. CTR11, CTR12 and CTR13.

#### Indications:

- Inadequate Zonular support causing Subluxation of Lens
- Patients with Pseudoexfoliation syndrome
- Trauma causing Zonular Dialysis
- Phacodonesis
- Myopic eyes with IOL power of less than 16 diopters
- Repositioning of IOL decentration
- Disorders like: Marfan's syndrome, Scleroderma, Homocystinuria, Spherophekia, Porphyria, Hyperlysinemia, Sulfite Oxidase deficiency

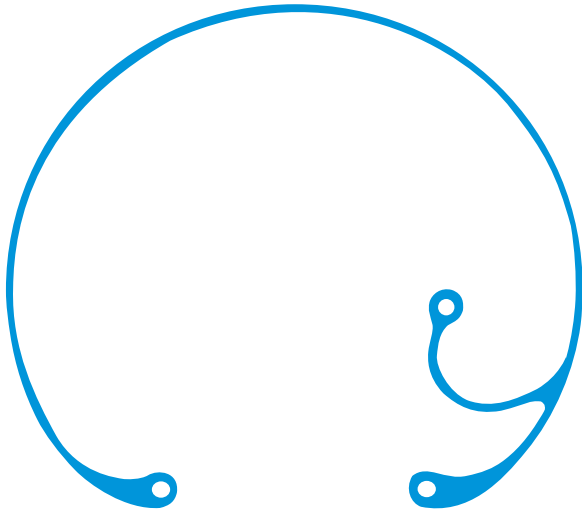
#### Advantages:

- Circular expansion and stabilization of the periphery of the Capsular Bag
- Reduced risk of Capsular fibrosis and shrinking
- Safe IOL centration in eyes with Zonular Dehiscence
- Prevents Vitreous Herniation from weak Zonular area

#### Selection of PMMA CTR Model (size):

- CTR 11 has an uncompressed diameter of 11.0 mm and is designed for placement in Hyperopic eyes.
- CTR 12 has an uncompressed diameter of 12.0 mm and is designed for placement in average size eyes.
- CTR 13 has an uncompressed diameter of 13.0 mm and is designed for placement in 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 Sclera by eyelets