Capsular Tension Rings

Flexible Insertion, Stable Result

Highly flexible due to the compression molding technology. These PMMA Capsular Tension Rings are indicated for the stabilization of weakened, broken or missing zonules preventing IOL decentration after capsular shrinking.

FDA approved

Capsular Tension Ring | CTR Model 275 12/10

Compression:	**From 12 mm to 10 mm**
Material:	**PMMA | Flexible Ring**
Available in:	**Clear PMMA**
Overall Ø:	**12 mm**

Capsular Tension Ring | CTR Model 276 13/11

Compression:	**From 13 mm to 11 mm**
Material:	**PMMA | Flexible Ring**
Available in:	**Clear PMMA**
Overall Ø:	**13 mm**

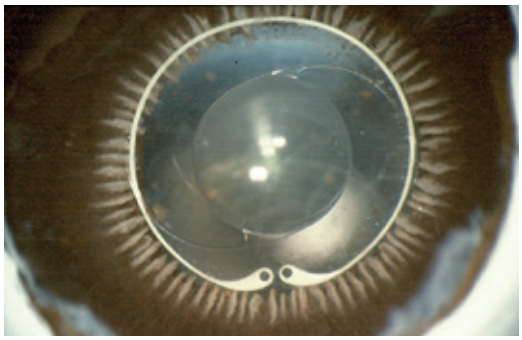
Features & Benefits

- **Circular expansion and stabilization of the capsular bag**
- **Safe IOL centration in eyes with zonular dehiscence**
- **Prevents IOL decentration after capsular shrinking**
- **Stabilized conditions during (phaco emulsification) surgery**
- **Reduced risk of capsular fibrosis**

The Capsular Tension Ring can be inserted using a forceps or a reusable CTR injector. *Contact OPHTEC for more information.*

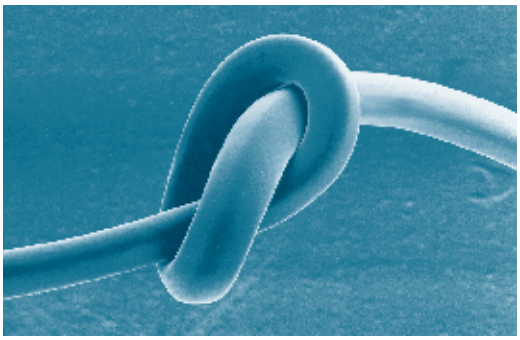
1) Interim Results of the United States Investigational Device Study of the Ophtec Capsular Tension Ring. Francis W. Price et al. Ophthalmology 2005 Mar;112(3):460-5

The image below shows OPHTEC's CTR



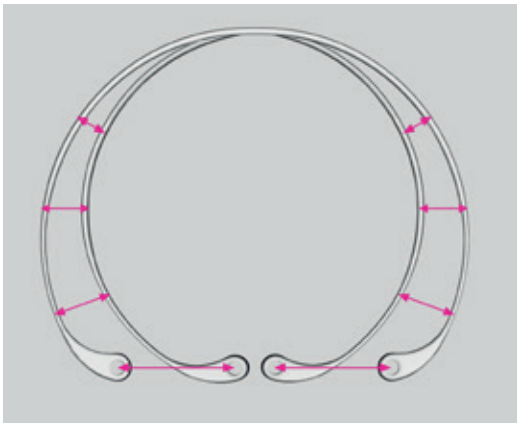
NOTE: perfectly circular capsule bag. OPHTEC tension rings are designed to be more flexible and not deform the capsule.

OPHTEC's unique and proprietary process



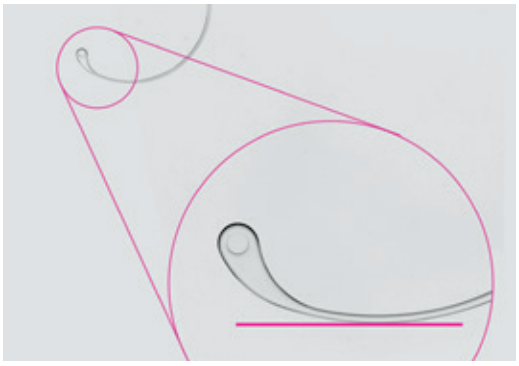
OPHTEC unique and proprietary process allows our CTR to be extremely flexible with incredible strength. ONLY OPHTEC can tie its tension rings in a knot.

Compression



The Pre-compression shape (oval) becomes perfect circle under full compression. The circular shape keeps the capsular bag perfectly symmetrical.

ONLY OPHTEC has the unique "ski tip" feature

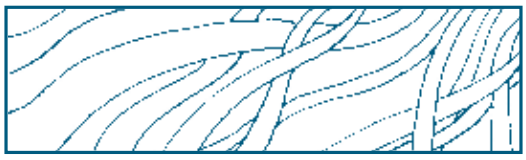


The ends of the rings are gradually formed to "tip-up" like a ski tip - this allows the CRT to be easily guided in the capsule as the ring is dialed-in. The "ski tips" allow the tips to flow unimpeded in capsule and not become "snagged"

Compression Molding Technology

OPHTEC BV has developed a unique production process for the manufacturing of CTRs: Compression Molding Technology. During the compression molding process the molecular structure of PMMA is enhanced by redistributing the molecules into longer chains, resulting in a much stronger material.

Before



After

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