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London, September 2014

CAPSULAR TENSION RINGS WITH PREMIUM LENSES

Ringject - Pre Loaded CTR Injector

- Why some surgeons do not use a CTR
- Reasons for using in a CTR
- RingJect unique features
- Instructions for use
- Technique & Videos
- Conclusion: “What I routinely use in all premium lenses”

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Why not to use a CTR

- Price related issues
- Product Availability
- Unawareness of benefits by surgeon
- Problems with loading and handeling the CTR
- No Governmental Refund

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Why should one use a CTR

- Better Outcomes As The IOL Stay Better Placed In The Eye
- More Stable IOL With Less Aberrations And Better Visual Acuity
- Delayed Posterior Capsule Opacity
- Avoid potential Zonular Damage or Zonular Dehiscence
- Good IOL Centration
- Avoid IOL tilt
- Stabilization Of The Capsular Bag

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Why Ophtec's RingJect

- Preloaded: Easy to use
- No Sterilization (Pryon, cost,..)
- Unique Compression Molded Tech & Reputation
- Total implantation safety (spring)
- Incision 2.2 mm
- Both directions, 1 product code

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Compression Molding Technology

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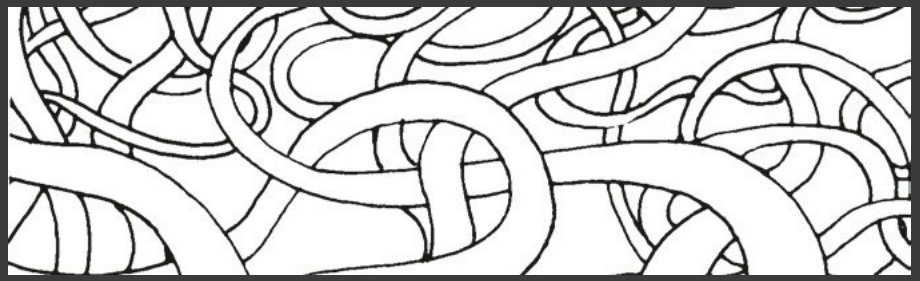
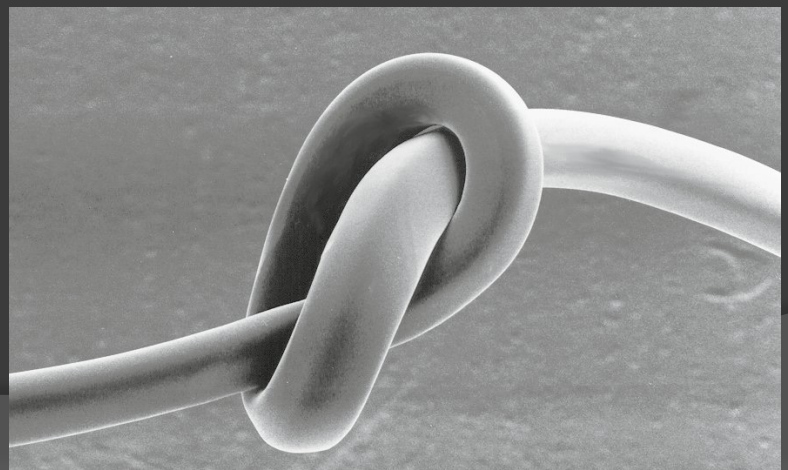
- *OPHTEC BV has developed a unique production process for the manufacturing of CTRs:*

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.



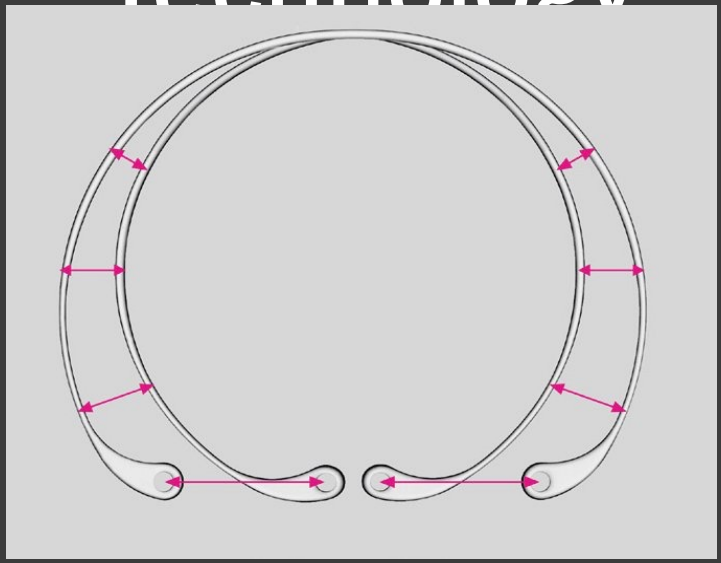
Before

After

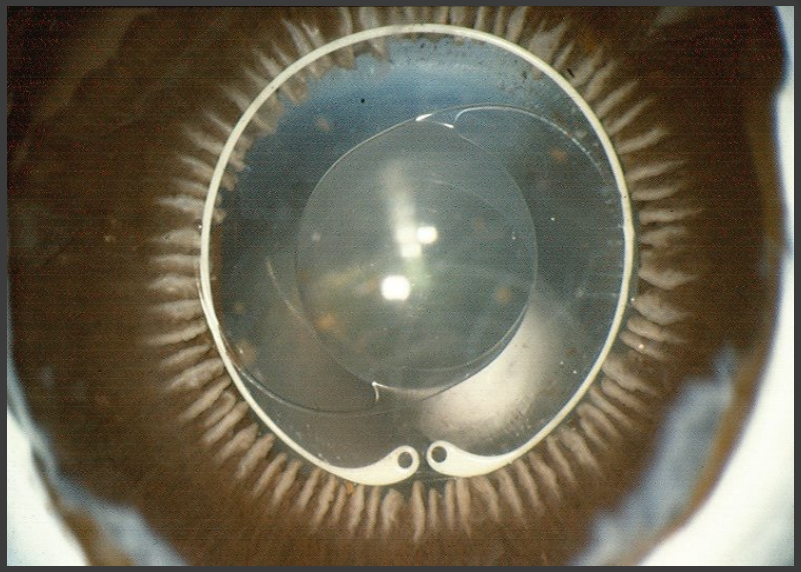


Result *is an unique and proprietary process that allows the CTR to be extremely flexible with incredible strength. ONLY OPHTEC can tie its tension rings in a knot.*

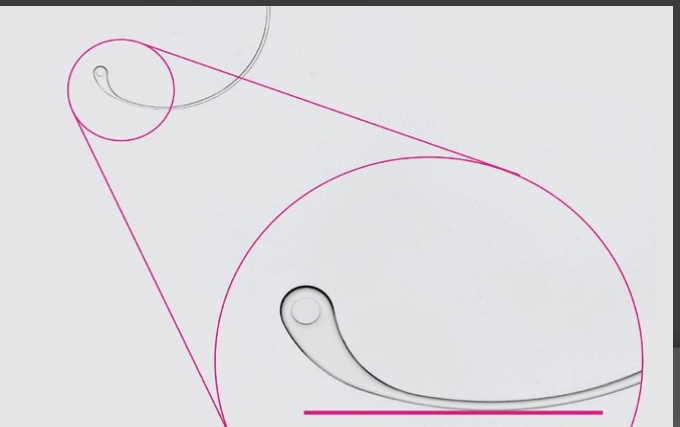
Compression Molding Technology



The Pre-compression shape (oval) becomes perfect circle under full compression.



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



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".

First & Only

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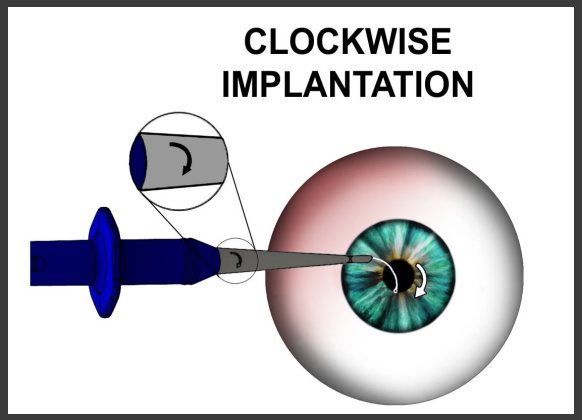
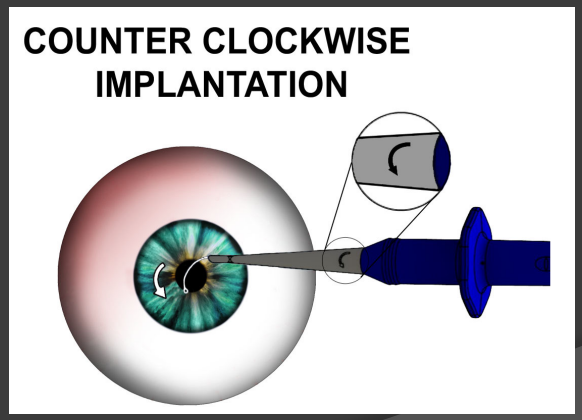
First & Only **Pre-Loaded** CTR with 2 implant options; Clockwise and counter clockwise allowing the surgeon to chose which side of the capsular bag to approach first





Conclusions

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"I use CTRs routinely for my premium IOL patients as I believe this ensures good centration and prevents late movement from capsule contraction. In the rare occurrence that the lens needs to be explanted, it also facilitates surgery as the bag opens up very easily.

I prefer OPHTEC CTR because they are preloaded, relatively pliable out of injector so they insert without any additional tension on bag and they unhook without manipulation. Hence they add no significant time on for the surgical procedure"