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BIO VISION CTR

Dependable, Reliable, Safe &
Uniform

We manufacture Capsular Tension Rings in clear as well as Blue PMMA CQ UV, Polymethylmethacrylate (PMMA). Capsular Tension Rings enhance the safety and efficacy during phacoemulsification and posterior chamber Intraocular lens implantation. They also prevent vitreous herniation and maintain the circular contour of the capsular bag. CTR's also tend to reduce Intraocular lens decentration, which improves vision and gives additional support to the IOL. They may also inhibit epithelial cell proliferation, thus reducing the chances of capsule opacification.

BENEFITS

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

TECHNICAL SPECIFICATIONS

Capsular Tension Rings are available in three models CTR 11, CTR 12 and CTR 13.

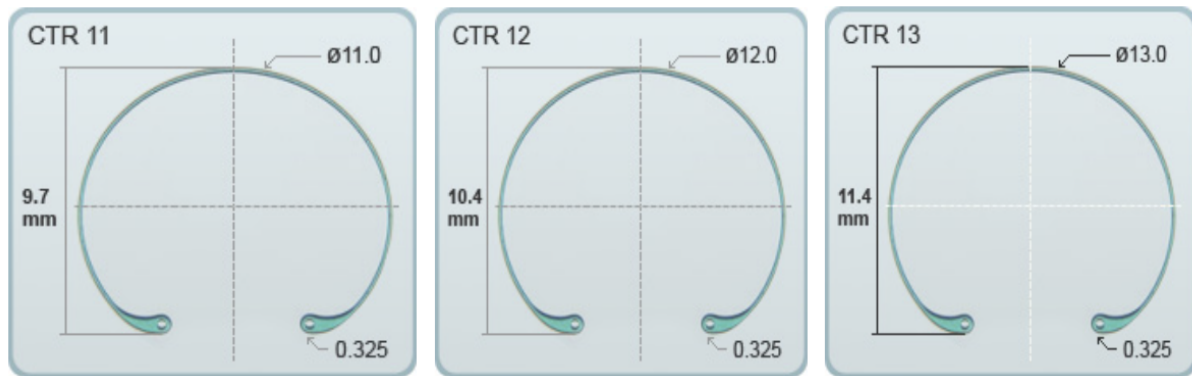
MODEL	CTR 11	CTR 12	CTR 13
MATERIAL	PMMA CQ-UV	PMMA CQ-UV	PMMA CQ-UV
OVERALL DIAMETER	11.0 mm	12.0 mm	13.0 mm
INSERTION DIAMETER	9.7 mm	10.4 mm	11.4 mm
HOLES	2	2	2

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.



Note: Available in Clear as well as Blue PMMA

INDICATIONS

Inadequate zonular support causing subluxation of lens

Patients with pseudoexfoliation syndrome

Trauma causing zonular dialysis

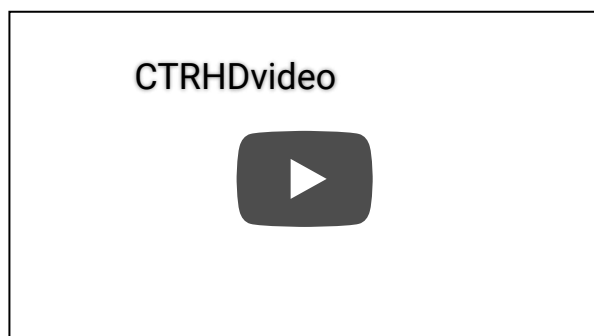
Phacodonesis

Myopic eyes with IOL power of less than 16 diopters

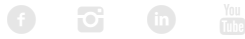
Repositioning of IOL decentration

Disorders like: Marfan's syndrome, Scleroderma, Homocystinuria, Spherophekia, Porphyria, Hyperlysinemia, Sulfite Oxidase deficiency

SURGERY VIDEO



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