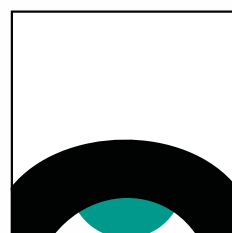




# Cataract Product Catalog

[FCI-Ophthalmics.com](http://FCI-Ophthalmics.com)



**FCI**®

a ZEISS company



Since its inception in 1984, FCI has become a world leader in developing innovative solutions essential in the treatment of dry eye, lacrimal, lid, orbit, cataract and retina indications.

In close collaboration with the world's leading ophthalmic surgeons, FCI continues to be on the cutting-edge of research, testing and manufacturing of gold standard medical devices that garner unparalleled trust and reliability.

The ability to understand, anticipate and respond to the research has resulted in FCI's strong portfolio of globally recognized products.

FCI is committed to serving the ophthalmic industry with the expertise and value key to quality patient care.

All FCI Ophthalmics products are cleared by FDA for commercial distribution.



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This publication is intended for distribution in North America only.

## CAPSULAR TENSION RINGS (CTRs)

FCI Ophthalmics is the exclusive distributor of MORCHER® Capsular Tension Rings (CTRs) in the United States. CTRs convert complex cataract cases into routine cases by stabilizing the crystalline lens capsule in the presence of weak or absent zonules. The MORCHER® CTR is a necessary device in the cataract surgeon's armamentarium. FCI offers a full range of MORCHER® CTRs that are available preloaded and unloaded. The EyeJet® is a preloaded CTR on a single use injector that simplifies implantation of MORCHER® CTRs.

### Available Preloaded EyeJet®:

- Standard Type 14, 14A, 14C
- Type 15, 15A, 15B
- Henderson Type 10C
- Malyugin/Cionni Type 10G

### Available Unloaded CTR\*:

- Standard Type 14, 14A, 14C
- Henderson Type 10C
- Cionni Type 1L, 2C, 2L, 1G
- Ahmed Segment Type 6D, 6E

\* Unloaded CTRs can be inserted manually or with a Geuder® Injector G-32955 - See page 12.

### Indications

- Missing or damaged zonules
- Lens subluxation
- Pseudoexfoliation
- Myopia
- Zonulolysis
- Soft IOL
- Primary zonular weakness (e.g., Marfan's Syndrome)
- Secondary zonular weakness (e.g., trauma or vitrectomy)

### Advantages

- Circular expansion of capsular bag
- Stable conditions during surgery
- Improves IOL centration
- Reduces risk of capsular fibrosis
- Resists capsular shrinkage
- Can be inserted through a  $\leq 2.2$  mm MICS incision

**FCI EXCLUSIVE**



Visit [FCI-Ophthalmics.com](http://FCI-Ophthalmics.com)  
to watch the EyeJet®  
informational video.





# CAPSULAR TENSION RINGS

## MORCHER® EYEJET® TYPE 15 CTR

The enhanced design of the MORCHER® EyeJet® Type 15 CTR features a gentle bend of the leading eyelet that reduces risk of perforating the capsular bag. The eyelet's unique inward curve of the leading end provides a broad area of contact that allows the Type 15 CTR to glide more easily along the equator of the capsular bag.

### Advantages

- Distributes the pressure to all zonular fibers and prevents one-sided pressure to single zonular fibers
- Safety helps reduce the risk of:
  - Puncturing (or bulging) of the capsular bag
  - Cortex entrapment
  - Posterior capsule tear
  - Inducing iatrogenic zonular damage during insertion

### Available

- Preloaded EyeJet® single use injector
- Right (clockwise) implantation only

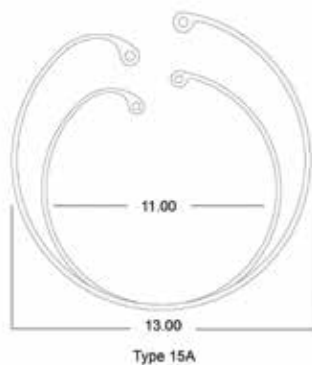
### Features

- Same 3 diameters as Standard Type 14 CTRs
- Up to 4 clock hours (120°) of zonular damage
- Clear Polymethylmethacrylate (PMMA)
- Sterile

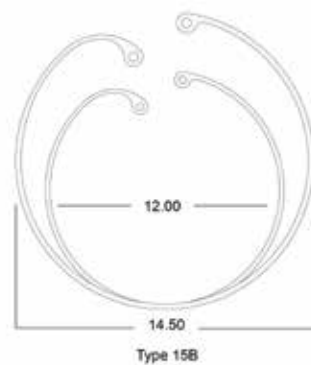
FCI EXCLUSIVE



AXIAL LENGTH <24 MM  
FOR NORMAL EYES



AXIAL LENGTH 24-28 MM  
FOR NORMAL OR MYOPIC EYES



AXIAL LENGTH <28 MM  
FOR HIGHLY MYOPIC EYES

PRELOADED EYEJET®	TYPE	DIAMETER	PACKAGING
MR-15 Right	15	10 mm / 12.3 mm	Box of 1
MR-15A Right	15A	11 mm / 13.0 mm	Box of 1
MR-15B Right	15B	12 mm / 14.5 mm	Box of 1



# MORCHER® EYEJET® TYPE 14 CTR

The original MORCHER® Type 14 that has revolutionized complex cataract surgery. With a diameter larger than the capsular bag, the CTR's inherent centrifugal force expands the equator, reinforces the weak areas and distributes support evenly to the remaining zonules.

## Advantages

- Maintains stretch and circular contour of the bag
- Distributes pressure to all zonular fibers and prevents one-sided pressure to single zonular fibers
- Stabilizes entire zonular apparatus
- May help prevent capsular phimosis
- Can reduce risk of intra-operative and post-operative complications
- Minimizes incidence of post-operative IOL decentration

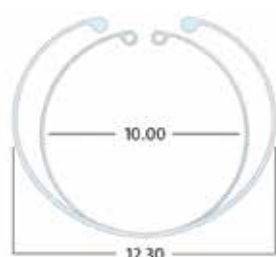
## Available

- Preloaded on EyeJet® single use injector
- Unloaded for manual insertion or for use with Geuder® Injector G-32955 - see page 12
- Right (clockwise) or left (counterclockwise) implantation

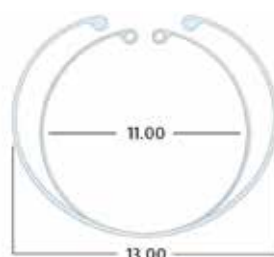
## Features

- 3 standard diameters to accommodate variation in capsule size
- Up to 4 clock hours (120°) of zonular damage
- Clear PMMA
- Sterile

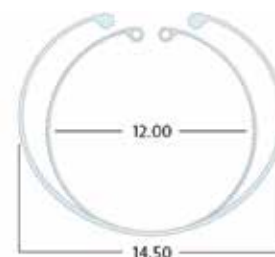
FCI EXCLUSIVE



**TYPE 14**  
AXIAL LENGTH <28 MM  
FOR NORMAL EYES



**TYPE 14C**  
AXIAL LENGTH 24-28 MM  
FOR NORMAL OR MYOPIC EYES



**TYPE 14A**  
AXIAL LENGTH >28 MM  
FOR HIGHLY MYOPIC EYES

UNLOADED CTR	TYPE	DIAMETER	PACKAGING
MR-1400	14	10 mm / 12.3 mm	Box of 1
MR-1410	14A	12 mm / 14.5 mm	Box of 1
MR-1420	14C	11 mm / 13.0 mm	Box of 1

PRELOADED EYEJET®	TYPE	DIAMETER	PACKAGING
MR-14 Right	14	10 mm / 12.3 mm	Box of 1
MR-14 Left	14	10 mm / 12.3 mm	Box of 1
MR-14A Right	14A	12 mm / 14.5 mm	Box of 1
MR-14A Left	14A	12 mm / 14.5 mm	Box of 1
MR-14C Right	14C	11 mm / 13.0 mm	Box of 1
MR-14C Left	14C	11 mm / 13.0 mm	Box of 1



# CAPSULAR TENSION RINGS

## MORCHER® HENDERSON TYPE 10C CTR

**Designed by Bonnie Henderson, MD**

This modified version of the MORCHER® Standard Type 14 CTR features eight equally-spaced indentations spanning the circumference of the ring. The ring's sinusoidal shape allows for easier nuclear and cortical material removal while maintaining the stretch of the capsular bag.

### Advantages

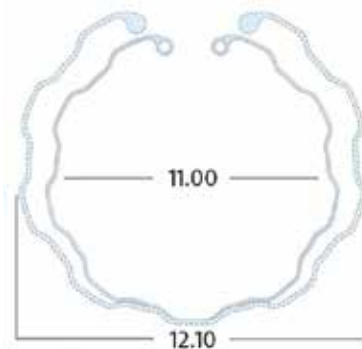
- Easier cortex removal
- Up to 4 clock hours (120°) of zonular damage
- Indentations may act as mechanical barriers to IOL rotation
- Helps stabilize position of Toric IOLs
- Fill space in bag, especially in high myopes

### Available

- Preloaded on EyeJet® single use injector
- Right (clockwise) implantation only
- Unloaded for manual insertion or for use with Geuder® Injector G-32955 - see page 12

### Features

- 11 diameter
- Clear PMMA
- Sterile



AXIAL LENGTH 27-28 MM

FCI EXCLUSIVE

UNLOADED CTR	TYPE	DIAMETER	PACKAGING
MR-10C	10C	11 mm / 12.1 mm	Box of 1

PRELOADED EYEJET®	TYPE	DIAMETER	PACKAGING
MR-10C Right	10C	11 mm / 12.1 mm	Box of 1



# MORCHER® CIONNI RING

Designed by Robert J. Cionni, MD

MORCHER® Cionni Rings are CTRs which feature a central fixation eyelet to allow the entire ring to be sutured to the sclera. On a plane slightly anterior to the ring, suturing eyelets are positioned anterior to the capsule upon insertion. This configuration allows the ring to be sutured to the scleral wall without compromising the integrity of the capsular bag. Four configurations are offered to provide versatility in placement depending on the extent and area of missing or weak zonules.

## Advantages

- Intraoperative support during phaco
- Progressive or advanced zonulopathy
- Fixation eyelet is positioned on a plane anterior to ring, outside of capsular bag and at area of zonular defect
- Secured to scleral wall with suture
- Capsular bag centration and long-term stabilization

## Available

- Unloaded for manual insertion
- 1G, 1L and 2C with one fixation eyelet
- 2C is the mirror image of 1L
- 2L, with two fixation eyelets

## Features

- 2 diameters
- Use with 9-0 Polypropylene, non-absorbable suture - see page 12
- Clear PMMA
- Sterile

FCI EXCLUSIVE



TYPE 1G 10 MM  
COMPRESSED



TYPE 1L 11 MM  
COMPRESSED



TYPE 2C 11 MM  
COMPRESSED



TYPE 2L 11 MM  
COMPRESSED

UNLOADED CTR	TYPE	DIAMETER	ZONULAR DAMAGE	ACCC*	PACKAGING
MR-1G	1G	10 mm / 12.2 mm	>4 clock hours (120°)	6.0 mm	Box of 1
MR-1L	1L	11 mm / 13.0 mm	>4 clock hours (120°)	7.0 mm	Box of 1
MR-2C	2C	11 mm / 13.0 mm	>4 clock hours (120°)	7.0 mm	Box of 1
MR-2L	2L	11 mm / 13.0 mm	>6 clock hours (180°)	7.0 mm	Box of 1

\* Anterior Continuous Curvilinear Capsulorhexis



# CAPSULAR TENSION RINGS

## MORCHER® MALYUGIN/CIONNI TYPE 10G RING

The MORCHER® Malyugin/Cionni Ring is designed as an injector-friendly Cionni CTR by moving the fixation element to the tip of the CTR. It is the only Cionni Ring preloaded on the EyeJet®. The curved end allows the ring to slide easily along the equator of the capsular bag. The fixation eyelet is permanently sutured to the sclera. It is indicated for severe or traumatic zonular dehiscence or dialysis with pupil abnormalities when IRIS hooks and other CTRs cannot achieve capsular stability.

### Advantages

- Reduces the risk of perforating the capsular fornix
- Centers subluxated lens
- Provides intraoperative support
- Provides capsular bag centration and long-term stabilization

### Available

- Preloaded on EyeJet® single use injector
- Right (clockwise) implantation only

### Features

- 1 diameter
- Use with 9-0 Polypropylene, non-absorbable suture - see page 12
- Clear PMMA
- Sterile

FCI EXCLUSIVE



PRELOADED EYEJET®	TYPE	DIAMETER	ZONULAR DAMAGE	ACCC*	PACKAGING
MR-10G Right	10G	11 mm / 13.0 mm	>4 clock hours (120°)	7.0 mm	Box of 1

\* Anterior Continuous Curvilinear Capsulorhexis

# MORCHER® AHMED SEGMENT

## Designed by Ike Ahmed, MD

The Ahmed Capsular Tension Segment (CTS) for scleral fixation is indicated for patients with extensive and/or progressive zonular loss. The partial ring segment traces a 120° arc with a radius of 4.5 or 5.0 mm and an anteriorly positioned fixation eyelet. Unlike CTRs, the CTS can be used in cases where an anterior or posterior capsular tear or a discontinuous capsulorhexis is present, as it does not generate a 360° expansile force. Multiple segments can be used if necessary. The CTS provides support in the area of fixation. It has to be combined with a CTR when circumferential support is required. The CTS may also be used for intraoperative support and removed prior to completion of the surgery.

## Advantages

- Atraumatic placement in the capsular bag
- No dialing technique needed
- Can be used with CTR
- More than one CTS can be used
- May be used intraoperatively, secured by iris retractors - see page 13
- May be used as permanent support, sutured to the sclera

## Available

- 2 diameters and lengths
- 2 curvature radii

## Features

- Arc of 120°
- Anterior central eyelet
- Use with 9-0 Polypropylene, non-absorbable suture - see page 12
- Clear PMMA
- Sterile

FCI EXCLUSIVE



AHMED SEGMENT	TYPE	DIAMETER	LENGTH	ZONULAR DAMAGE	ACCC*	CURVATURE RADIUS	PACKAGING
MR-6D	6D	9.5 mm	9.61 mm	>4 clock hours (120°)	5.0 mm	4.5 mm	Box of 1
MR-6E	6E	10 mm	10.14 mm	>4 clock hours (120°)	5.0 mm	5.00 mm	Box of 1

\* Anterior Continuous Curvilinear Capsulorhexis

# CATARACT ACCESSORIES

## MACKOOL CATARACT SUPPORT SYSTEM

Designed by Richard J. Mackool, MD

FCI is the exclusive distributor of the Mackool Cataract Support System, which provides capsular support during cataract surgery. It anchors the capsule to the scleral wall and stabilizes the entire equator of the capsular bag during phaco and cortex removal, especially in cases of absent or weak zonules. Mackool Cataract Support hooks slide around the rhexis edge and support the peripheral capsular fornix. Significantly different from iris retractors, Mackool hooks have blunt distal ends and are elongated to support the fornix and not tear the rhexis.

### Indications

- Intraoperative support of weak or damaged zonules
- Floppy iris syndrome
- Contracted pupils

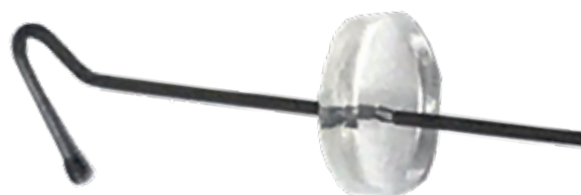
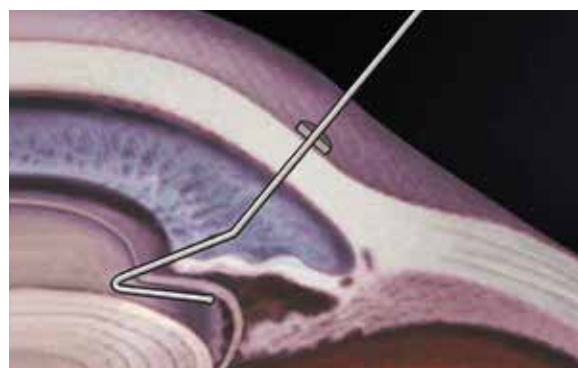
### Advantages

- Easy insertion through limbal incision
- Simple removal through insertion incision or primary phaco incision
- Gentle contact points
- Longer than iris retractors, polished ends
- Direct and level capsular bag tension
- Helps prevent torqueing of bag during nucleus rotation
- Provide rotational stability and anterior-posterior support
- Helps delay placing CTR until cortex is removed
- Will not complicate cortical clean up

### Features

- Flexible, nylon hooks
- 2 mm hook return
- 2 angulated regions, places distal end in a parallel plane to the capsule
- Adjustable silicone retainer tabs
- Includes disposable stab knife
- Sterile

FCI EXCLUSIVE



MACKOOL CATARACT SUPPORT SYSTEM		PACKAGING
MH-1005	Capsule Hooks	Set of 5

# CATARACT ACCESSORIES

## GEUDER® CTR INJECTOR

Designed for one-hand, clockwise implantation of MORCHER®:

- Standard Type 14 CTR
- Henderson Type 10C CTR
- Cionni Type 2C CTR

### Features

- Lumen diameter 1.2 mm
- Non-sterile



Reusable	PACKAGING	
G-32955	CTR Injector	Box of 1

## GEUDER® PUPIL DILATOR INJECTOR

Designed for one-hand, clockwise implantation of MORCHER® Pupil Dilator MR-5S.

### Features

- Lumen diameter 1.7 mm
- Non-sterile



Reusable	PACKAGING	
G-32970	Pupil Dilator Injector	Box of 1

## 9-0 POLYPROPYLENE SUTURE

Particularly suitable for suturing Cionni Type CTR, Ahmed Segment or stabilizing an IOL, this suture has optimal handling properties.

- Smooth, uniform surface for effortless passage through soft tissue
- High tensile strength
- Secure knot holding

### Features

- Non-absorbable
- Advanced micro spatula, double-armed needle
- Straight or curved needles
- Blue suture for enhanced visibility
- Sterile



Single use	NEEDLES	SUTURE	PACKAGING
P9009062	16 mm Straight/16 mm 90° Curved	30 cm	Box of 12
P90062	16 mm Straight/16 mm Straight	20 cm	Box of 12
P9006062	16 mm Straight/6.2 mm Curved	30 cm	Box of 12
P99062	16 mm Curved/16 mm Curved	30 cm	Box of 12

## MORCHER® PUPIL DILATOR

A semicircular ring for expansion of the pupil during phacoemulsification. Inserted manually or with the Geuder® Pupil Dilator Injector (above).

### Features

- Clear PMMA
- Sterile



PUPIL SIZE: 5.0–6.0 mm / THICKNESS: 0.15–0.60/0.90 mm

Single use	TYPE	DIAMETER	PACKAGING
MR-5S	5S	7.5 mm	Box of 1

# CATARACT ACCESSORIES

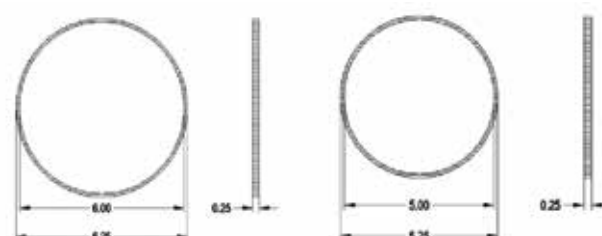
## RING CALIPERS

A temporary template to create a more precise anterior capsulorhexis.

### Features

- Polyethelmethacrilate (PEMA)
- Sterile

Single use		INNER Ø	PACKAGING
RC-5	Ring Caliper	5 mm	Box of 1
RC-6	Ring Caliper	6 mm	Box of 1



## IRIS RETRACTORS

Provide temporary mechanical dilation of the iris margin in cases of pupillary constriction, chronic miosis and other indications during cataract and retina surgery.

### Advantages

- Simple, fast and safe
- Retains iris for maximum visibility

### Available

- Reusable, blue polypropylene
- Single use, gold nylon

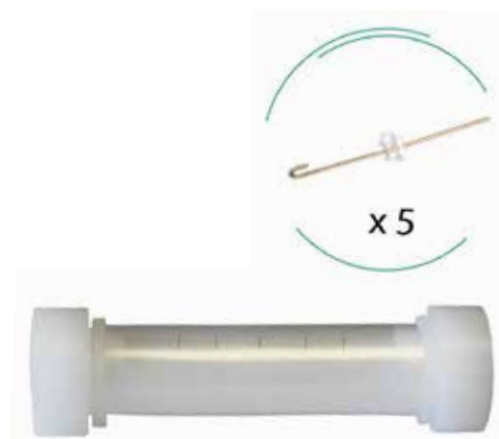
### Features

- Adjustable, silicone fixation stopper
- Sterile



Reusable		MATERIAL	PACKAGING
S9.5117	Iris Retractors	4-0 Polypropylene	1 Set of 6 In Steam Autoclavable Container

Single use		MATERIAL	PACKAGING
	S9.5015	Iris Retractors	5-0 Nylon
D4176-2	S9.5015	Iris Retractors	5-0 Nylon
D4176-5	S9.5054	Iris Retractors	5-0 Nylon



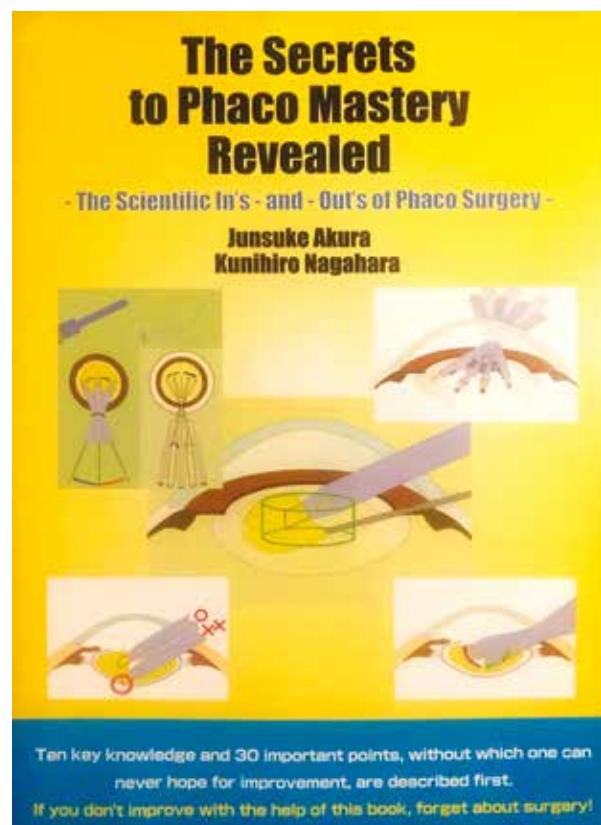


## KITARO® CATARACT SURGICAL TRAINING KITS

KITARO® Surgical Training Kits are revolutionary training systems for phaco surgery in routine and complex cases. KITARO® is designed to replace porcine wet labs, lowering the cost and setup of conventional labs. KITARO® consists of multiple patented technologies resulting in high-quality, realistic, predictable materials. It is easy to prepare, allows for a hygienic environment and is cost-effective.

KITARO® Kits are created with both the beginner and advanced surgeon in mind for the meticulous simulation of the different stages of cataract surgery. Using a dry lab or wet lab environment, new surgeons can practice techniques repeatedly, without the added complication of long preparation times and costly live tissue samples. Advanced surgeons can practice the challenges of managing complex cataract cases that require more experience to master.

**Practice Makes Perfect!**



**FCI EXCLUSIVE**

**K-3000**

The KITARO® textbook, The Secrets to Phaco Mastery Revealed, is designed as a key tool that goes hand-in-hand with KITARO® Kits. Authored in part by KITARO® Inventor Junsuke Akura, M.D., Ph.D., mastering cataract surgery is summarized in 30 points and 10 categories. Sensory manipulations not typically taught have been analyzed and explained.

## KITARO® COMBOLAB (DRY LAB + WET LAB) KIT

This KITARO® Kit is ideal for new surgeons. It provides the ability to first learn instrument manipulation in the office using KITARO® Dry Lab, and second, to learn phaco machine operation and techniques in a wet lab environment using KITARO® Wet Lab.

- Ability to practice techniques repeatedly
- Oculomotor device generates eye movement during procedure
- Realistic simulation and tactile feedback
- Mock phaco handpieces
- Sold ready-to-use
- Includes reusable parts and consumables items
- Optional and replacement parts sold separately - see page 25

KITARO®

K-9000 COMBOLAB (DRY LAB + WET LAB) Kit



## COMBOLAB (DRY LAB + WET LAB) KIT TECHNIQUES

### DRY LAB TECHNIQUES

- Master basic instrument manipulation
- Master techniques to avoid common mistakes



### CONTINUOUS CURVILINEAR CAPSULORHEXIS CONSTRUCTION (CCC)

- Special 2-layer, 5 µm polyester film
- Simulates realistic human eye CCC
- Allows for tear and recovery
- Artificial cortex made of resin clay

### WET LAB TECHNIQUES

- Master basic phaco surgery
- Used with phaco machine and microscope
- Replaces porcine eyes



### WOUND CONSTRUCTION

- Cornea with 500 µm center, 700 µm periphery
- Cornea generates resistance during instrument insertion and manipulation
- Red markers guide incision placement
- Practice self-sealing incisions and suturing

# KITARO® COMBOLAB (DRY LAB + WET LAB) KIT

## DRY LAB TECHNIQUES



### 3 NUCLEAR SEGMENTATION TECHNIQUES

- Divide and Conquer, Stop and Chop, Phaco Chop
- 3 segmented, artificial plastic nucleus with grooves, tunnels and segmentation routes
- Divide and rotate using mock instruments
- Practice pendular manipulation
- Enlarged eye for practice (1.5 x larger than human eye)



### FOLDABLE IOL INSERTION

- Posterior capsule cup
- CCC prepared anterior capsule film
- Does not include IOL or IOL injector



### WOUND CONSTRUCTION AND SUTURE

- One-plane incision using keratome
- Self-sealing incision using crescent knife
- Special resin sheet mimics human sclerocornea
- Does not include suture or knives

## WET LAB TECHNIQUES



### CCC CONSTRUCTION

- Special 2-layer, 5 µm polyester film
- Simulates realistic human eye CCC
- Allows for tear and recovery
- Artificial cortex made of resin clay



### PHACOEMULSIFICATION

- 3 types of nuclei-soft, medium and hard
- All hydroprocedures can be performed
- Surface cortex aspiration
- Nucleus segmentation and phaco
- Epinucleus aspiration
- IOL insertion



### WOUND CONSTRUCTION AND SUTURE

- One-plane incision using keratome
- Self-sealing incision using crescent knife
- Special resin sheet mimics human sclerocornea
- Does not include suture or knives

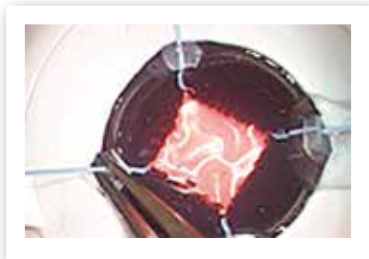
## KITARO® COMPLEX LAB KIT 1

### COMPLEX LAB KIT 1 TECHNIQUES



#### RUPTURED ZONULE MANAGEMENT

- Complete procedure with phaco machine
- Support devices and Capsular Tension Ring insertion with microscope/magnifying glass
- Includes 6 Cataract Lenses with 180° missing zonules, 2 CTRs and 5 Iris Retractors



#### SMALL PUPIL MANAGEMENT

- Elastic iris similar to human eye
- Pupillary dilation using Iris Hooks
- 5 mock Iris Retractors included
- Can substitute with real Iris Retractors (not included)



#### PHAKIC IOL INSERTION\*

- Human eye-sized soft cornea, iris, lens, anterior chamber and ciliary sulcus
- Implant sulcus-fixated posterior chamber lens
- Requires separate purchase of Phakic IOL cornea

*\*Phakic IOL not included in kit*



#### IOL TRANSSCLERAL FIXATION\*

- Luis method and other techniques
- Various ab interno or ab externo techniques with PMMA or foldable IOL
- Sutureless intrascleral IOL fixation and check results by observing cornea-iris from the back
- Ahmed Segment implantation\*
- Yamane IOL fixation\*\*
- 30 sclera sheets to create flap/incision included

*\*9-0 suture, IOL and Ahmed Segment not included in kit*

*\*\*Requires separate purchase of Dr. Shin Yamane-Style IOL Fixation Cornea, K-6036 - see page 25*

## KITARO® COMPLEX LAB KIT 1

The KITARO® COMPLEX LAB Kit 1 has been designed for intermediate and advanced surgeons to practice techniques used in complex cataract surgery. Be prepared to manage challenging or infrequently experienced cases by training repeatedly using realistic, synthetic materials. Perform techniques that can potentially improve surgical outcomes and reduce operating time.

- Practice with naked eye
- Most effective with desktop microscope or magnifying glass
- Normal right eye, deep-set left eye (interchangeable)
- Sold ready-to-use
- Optional and replacement parts sold separately

### Master the techniques:

- Ruptured zonule management
- IOL transscleral fixation
- Small pupil management
- Phakic IOL implantation

KITARO®

K-6000      COMPLEX LAB Kit 1





## KITARO® COMPLEX LAB KIT 1

Parts and consumable items included in K-6000 Kit and can be purchased separately.

PARTS		
	K-9100	New Face with Nose, Sclera, Base Plate and 2 Stages with Sponge
	K-1135	Sclera Part
	K-1160	Anterior Capsule Forceps
	K-1165	Sclera Fixation Forceps
	K-1225	Nucleus Manipulating Chopper and Paddle Hook (double-ended)
	K-6115	Tying Forceps
	K-6120	Needle Holder
	K-6135	Sinskey Hook
	K-6140	Spring Scissors
	K-1240	Irrigation Bag
	K-3020	KITARO Complex Lab DVD and Manual
	K-1120	Black Case

CONSUMABLES		
	K-1020	Precut Sclerocorneal Sheets (30 pcs)
	K-6030	Cornea for Small Pupil (2 pcs)
	K-6050	Mock Iris Retractors (2 sets of 5 pcs)
	K-6020	Cornea for IOL Transscleral Fixation (2 pcs)
	K-6035	Cornea for Intrasccleral Fixation (2 pcs)
	K-6010	Cornea with 180° Weak/Ruptured Zonules (2 pcs)
	K-6060	Nucleus with 180° Weak/Ruptured Zonules (6 pcs)
	K-6110	Capsular Tension Ring (2 pcs)

Optional items for use with K-6000 Kit available for purchase separately - see page 25.

## KITARO® COMPLEX LAB KIT 2

The KITARO® COMPLEX LAB Kit 2 is designed to practice additional techniques and add a second station to your workshop.

- Practice with naked eye
- Most effective with desktop microscope or magnifying glass
- Normal right eye, deep-set left eye (interchangeable)
- Ability to practice techniques repeatedly
- Sold ready-to-use
- Optional and replacement parts sold separately

### Master the techniques:

- Manual Extra Capsular Cataract Extraction (ECCE)
- Posterior Capsular Tear Management

KITARO®

K-7000 COMPLEX LAB Kit 2



## COMPLEX LAB KIT 2 TECHNIQUES



### MANUAL ECCE

- Wound construction and suture
- Artificial cataract lens for CCC and nucleus extraction
- Conventional ECCE with limbal incision and small incision ECCE with self-sealing incision
- IOL insertion and suture\*





















### POSTERIOR CAPSULAR TEAR MANAGEMENT (PCTM)

- Artificial lens with capsule, cortex and nucleus
- Artificial vitreous, fibers can be seen
- Vitrectomy using A-VIT cutter
- Viscodissection
- Practice using Simcoe Cannula

\* Suture and IOL not included in kit

## KITARO® COMPLEX LAB KIT 2

Parts and consumable items included in K-7000 Kit and can be purchased separately.

PARTS		CONSUMABLES	
	K-9100 New Face with Nose, Base Plate and 2 Sclera Stages with Sponge		K-7010 Cornea for Manual ECCE (2 pcs)
	K-7070 Sclera for ECCE		K-7020 Cornea for PCRM (2 pcs)
	K-7075 Sclera for PCRM		K-7030 Sclerocorneal Sheet for ECCE (6 pcs)
	K-7125 Irrigation Vectis		K-1020 Precut Sclerocorneal Sheets (30 pcs)
	K-7130 Pushpull Hook		K-1230 Cystotome (26 Ga Needle) with Syringe
	K-7120 Simcoe Cannula		K-7040 Nucleus for Manual ECCE (6 pcs)
	K-7105 IOL Holding Forceps		K-7050 Nucleus for PCRM (6 pcs)
	K-6140 Spring Scissors		
	K-1240 Irrigation Bag		
	K-3020 KITARO Complex Lab DVD and Manual		
	K-1120 Black Case		

Optional items for use with K-7000 Kit available for purchase separately - see page 25.

## KITARO® COMBO KIT

The KITARO® COMBO Kit contains an enhanced face with nose feature and a normal right eye and deep-set left eye (interchangeable). These features provide an even more realistic and challenging operating experience. This kit also contains an improved drainage system and some components of KITARO® COMBOLAB (DRY LAB + WET LAB) Kit.

This kit offers multiple uses and advantages:

- **Adjunct to KITARO® COMBOLAB (DRY LAB + WET LAB) Kit**

Perform the same procedures included in the COMBOLAB Kit with the added advantage of the enhanced face with nose. Practice maneuvering skillfully around the life-like facial anatomy while operating. Adds several parts and consumables to your current DRY LAB/WET LAB inventory.

- **Additional station to KITARO® COMPLEX LAB Kit 1 and COMPLEX LAB Kit 2**

Requires separate purchase of parts and consumables in order to perform complex procedures - see pages 19 and 21.

- **Stand-alone kit**

Practice Dry Lab and Wet Lab procedures using the enhanced face with nose. Additional parts and consumables that are included in the KITARO® COMBOLAB (DRY LAB + WET LAB) Kit may be purchased separately - see pages 22 and 23.

KITARO®

K-9000 COMBO Kit



## KITARO® COMBO KIT

Parts and consumable items included in K-9000 Kit and can be purchased separately.

PARTS		
	K-9100	New Face with Nose, Base Plate and 2 Sclera Stages with Sponge
	K-1135	Sclera Part
	K-1235	Hydro Needle with Syringe
	K-1225	Nucleus Manipulating Chopper and Paddle Hook (double-ended)
	K-1165	Scleral Fixation Forceps
	K-1160	Anterior Capsule Forceps
	K-1240	Irrigation Bag (500 cc)
	K-3010	COMBOLAB DVD and Manual
	K-1255	Drain System (with Hose)
	K-1120	Black Case

CONSUMABLES		
	K-1200	Cystotome (21 Ga Needle) with Syringe
	K-1230	Cystotome (26 Ga Needle) with Syringe
	K-1040	Viscoelastic Substance (10 cc)
	K-1030	Anterior Capsule Film (11 cm x 2.5 m)
	K-1215	CCC-Processed AC Film (5 sheets)
	K-1020	Sclerocorneal Sheet (30 pcs)
	K-2020	Cornea-Iris Part for Wet Lab (4 pcs)
	K-1205	Clay for CCC with Spare
	K-2010	Artificial Cataract Lens, Mixed (3 soft and 3 medium)

(\*) Not sold separately

Optional items for use with K-9000 Kit available for purchase separately - see page 25.



## KITARO® EASY EYE

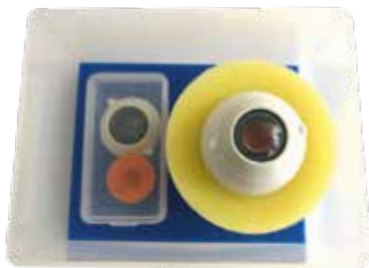
The KITARO® EASY EYE is designed to practice IOL and CTR insertion and provide a portable, yet highly effective, eye simulator with minimal parts. With a footprint of only 5 cm, it can be taken anywhere easily, set up quickly and used to practice numerous techniques.

- Available in one unit or set of two units
- Made of the same quality synthetic materials used in all KITARO® Kits
- Additional corneas and capsules can be purchased separately





Master the techniques:

- IOL insertion
- CTR manipulation
- iStent inject® (requires K-99 Cornea, sold separately)

**Parts and consumable items included with K-4000 and K-4100:**









K-4000		1 UNIT
	K-9200	Sclera Stage with Sponge (1 pc)
	K-1135	Sclera Part (1 pc)
	K-2020	Cornea (1 pcs)
	K-4010	Posterior Capsules (1 pcs)

K-4100		2 UNITS
	K-9200	Sclera Stage with Sponge (2 pcs)
	K-1135	Sclera Part (2 pcs)
	K-2020	Cornea (2 pcs)
	K-4010	Posterior Capsules (2 pcs)

Parts and consumable items used in COMPLEX LAB Kit 1 and COMPLEX LAB Kit 2 can be purchased separately for use with KITARO® EASY EYE K-4000 and K-4100.

## PARTS AND CONSUMABLES

These optional items are not included in the KITARO® Kits and can be purchased separately.

PARTS		
	K-9200	Sclera Stage with Sponge
	K-6055	Vannas Scissors
	K-1195	Speculum
	K-1255	Drain System (with Hose)
	K-3000	Text Book <u>The Secrets to Phaco Mastery Revealed</u>
	K-1250	Desktop Simple Magnification Lamp (for Dry Lab) 100 V

CONSUMABLES		
	K-4010	Posterior Capsule (6 pcs) to practice IOL/CTR implantation
	K-1260	Artificial Cataract Lens, Soft (6 pcs)
	K-1265	Artificial Cataract Lens, Medium (6 pcs)
	K-1270	Artificial Cataract Lens, Hard (4 pcs)
	K-99	Cornea to practice iStent inject® implantation (2 pcs)
	K-6150	Phakic IOL Cornea (2 pcs)
	K-6036	Dr. Shin Yamane-Style IOL Fixation Cornea (2 pcs)
	K-1035	Anterior-Capsule Film Chips with Cortex (10 pcs)

## NOTES



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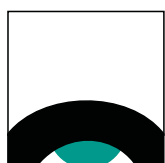
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