

BIONIKO

PRODUCT CATALOG

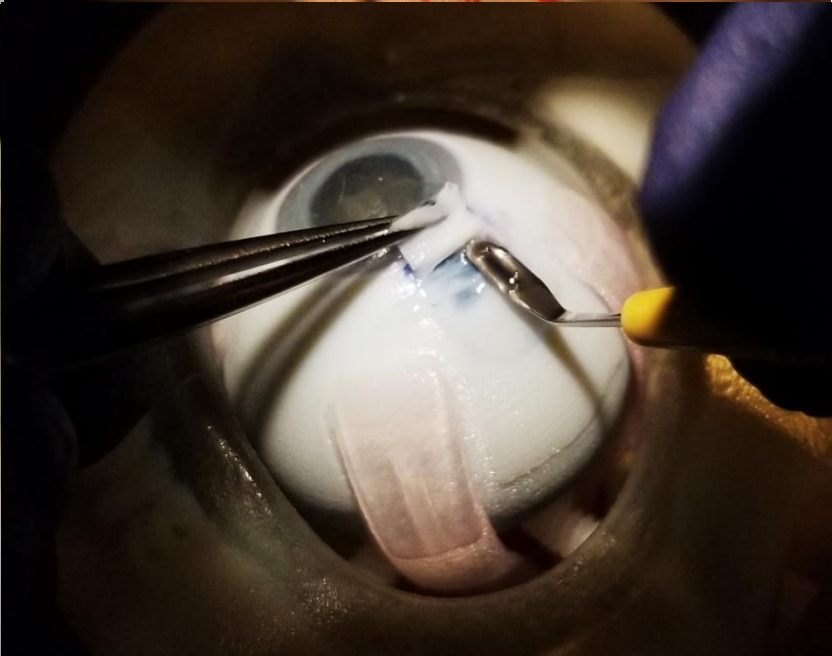
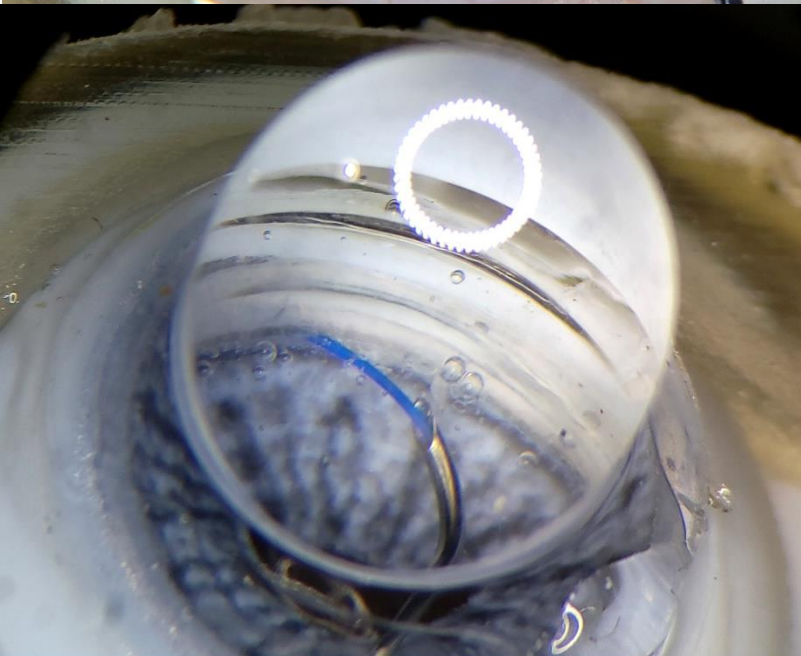
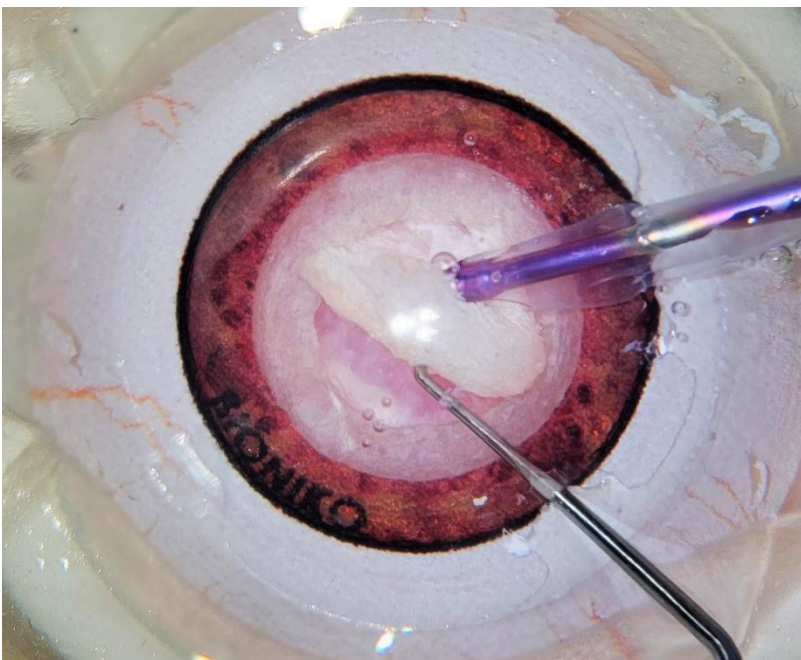


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OPHT-ROM-C

ROMANO SIMULATION HEAD

Anatomically accurate Simulation head with fluid handling tray. Includes fluid drain tubing and carrying case. (Model eyes not included)

For use with ALL models. Requires **OPHT-AVH** or **OPHT-MH** for use with anterior segment models.



OPHT-FLEX-ORB-R

FLEX-ORBIT UNIVERSAL EYE HOLDER RIGHT

Eye Holder for BIONIKO models and biological tissue.

Includes 1 socket adapter for anterior segment models (**OPHT-FX-SKT**)

For use with **ALL MODELS**



OPHT-AVH

ADVANCED CATARACT/ANTERIOR-VITRECTOMY HOLDER

Minimalist holder with vitreous reservoir and injection port.

For use with ALL anterior segment models.



OPHT-MH

MINI HOLDER

Minimalist holder with no facial features. For ALL anterior segment models.



OPHT-MH-TL

TILTING MINI HOLDER

Tilting holder for MIGS surgery.

For use with **MIGS-SC**, **SCHLEMM**, and **OKULO-AS**



OPHT-M-VIEW





MODEL VIEW

Post mounted eye holder for slit lamp, OCT, etc.

For use with ALL models (Model eye not included)

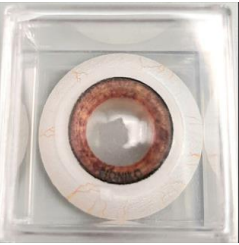



MODELS - SKILL TRAINERS

<p>OPHT-RHX2</p> <p>RHEXIS 2 (10 units per box)</p> <p>Instrument control task trainer based on a capsulorhexis scenario</p> <p>For use with ALL HOLDERS</p>	
<p>OPHT-RHX2-LNS50</p> <p>RHEXIS 2 LENS (50 units per box)</p> <p>Replacement lens with anterior capsule and removable cortex</p> <p>For use with RHEXIS 2</p>	
<p>OPHT-PKS</p> <p>KERATO (5 units per box)</p> <p>Micro-suturing task trainer based on a PKP scenario</p> <p>For use with ALL HOLDERS</p>	
<p>OPHT-CORD-4PK</p> <p>CORDELIA 4PK (4 units per box)</p> <p>Corneal laceration task trainer for trauma surgery</p> <p>For use with ALL HOLDERS</p>	

MODELS - ANTERIOR SEGMENT

CATARACT AND COMPLICATIONS

<p>OPHT-OKU-AS-BR8</p> <p>OKULO ANTERIOR SEGMENT (AS) BROWN 8 (per unit)</p> <p>For CATARACT and complications. Does not include lens.</p> <p>BR: Brown iris color / 8 mm pupil size</p> <p>For use with ALL HOLDERS (AVH holder recommended)</p>	
<p>OPHT-OKU-AS-GR6</p> <p>OKULO ANTERIOR SEGMENT (AS) GREEN 6 (per unit)</p> <p>For ADVANCED intra-cameral devices (expanders, CTRs, etc)</p> <p>Includes preinstalled EMPTY BAG LENS</p> <p>GR:Green iris color / 6 mm pupil size</p> <p>For use with ALL HOLDERS</p>	

OPHT-OKU-LNS-CAT-SFT

SOFT CATARACT LENS (G I-II) (10 units per box)

Soft cataract Lens for simulating: capsulorhexis and basic phacoemulsification

For use with **OKULO BROWN 8**



OPHT-OKU-LNS-CAT-MED

MEDIUM CATARACT LENS (G II-III) (6 units per box)

Lens for simulating: capsulorhexis, hydro-dissection and phacoemulsification

For use with **OKULO BROWN 8**



OPHT-OKU-LNS-CAT-HRD

HARD CATARACT LENS (G III/IV) (6 units per box)

Hard CATARACT Lens for simulating: Capsulorhexis, hydro-dissection and hard nucleus phacoemulsification; For use with **OKULO BROWN 8**



OPHT-OKU-LNS-CAT-WHT **(NEW!)**

WHITE CATARACT LENS (G IV) (6 units per box)

Advanced White CATARACT Lens for simulating: Capsulorhexis, hydro-dissection, rotation, cracking, chopping and other nucleus dis-assembly maneuvers including phaco and manual extraction methods.

For use with **OKULO BROWN 8** or **GREEN 6**



CATARACT VOLUME PACKS

OPHT-OKU-AS-BR8-40B **(NEW!)**

OKULO BR8 BULK PACK

40 UNITS OKU-AS-BR8

For use with **Cataract Lens Bulk Refill Pack (OPHT-OKU-LNS-CAT-M120 or OPHT-OKU-LNS-CAT-H120).**



OPHT-OKU-LNS-CAT-W120 **(NEW!)**

WHITE CATARACT LENS BULK PACK

120 WHITE CATARACT LENSES

For use with **OKULO BULK REFILL PACK (OPHT-OKU-AS-BR8-40B)**



OPHT-OKU-LNS-CAT-H120 **(NEW!)**

HARD CATARACT LENS BULK PACK

120 **HARD CATARACT LENSES**

For use with **OKULO BR8 BULK PACK** (OPHT-OKU-AS-BR8-40B)



MSICS

OPHT-OKU-AS-MSICS

OKULO ANTERIOR SEGMENT MSICS (per unit)

Anterior segment for MSICS. **Does not include lens.**

DARK Brown iris color / **9 mm** pupil size

For use with **ALL HOLDERS**



OPHT-OKU-LNS-MSICS

MSICS LENS (6 units per box)

Lens for simulating manual cataract extraction (No phaco)

For use with **OKULO MSICS ONLY**



FOR IOL INSERTION

OPHT-OKU-LNS-EB

EMPTY BAG LENS (10 units per box)

Lens with an empty capsular bag and pre-made 5.5mm rhexis for simulating intra capsular device implantation (IOL, CTRs, hooks, segments, etc) and anterior vitrectomy scenarios when used with OKULO and AVH.

For use with **OKULO BROWN 8 and AVH**



IRIS SUTURING AND OTHER LENSES

OPHT-OKU-AS-BL5

OKULO ANTERIOR SEGMENT (AS) BLUE 5 (per unit)

For Iris Suturing. Includes preinstalled **POSTERIOR CAPSULE**.

BL:Blue iris color / **5 mm** pupil size

For use with **ALL HOLDERS**



MODELS - VITREORETINAL

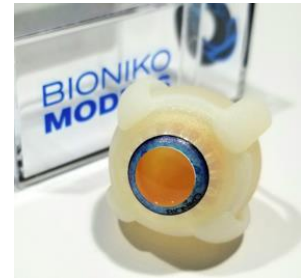
OPHT-FDS-ADV

FUNDUS ADVANCED (per unit)

Globe model with retinal image, detachable colored iris anterior segment with flexible pars plana and optical element. Includes assembly tool.

Optimized for contact and non-contact systems.

For use with **ROMANO** or **FLEX-ORBIT**



OPHT-FDS-ADV-AS

FUNDUS ADVANCED ANTERIOR SEGMENT REPLACEMENT

(4 units per box)

Pars-plana replacements with colored Iris.

Does *not* include **FUNDUS OPTICAL LENS**

For use with **FUNDUS ADVANCED**



OPHT-FDS-ADV-AS-LNS

FUNDUS ADVANCED OPTICAL LENS (per unit)

FUNDUS OPTICAL LENS pre-installed in **FUNDUS ANTERIOR SEGMENT**

For use with **FUNDUS ADVANCED**



OPHT-FDS-ILM

FUNDUS MEMBRANE COAT

Coating for membrane peeling simulation

For use with **FUNDUS ADVANCED**



OPHT-FDS-INJ-C **(NEW!)**

SUBRETINAL INJECTION MODEL (per unit)

Globe model with delicate retina and subretinal space for injection/bleb formation. Full detachment possible for other scenarios. Comes complete with anterior segment and optical element. Includes assembly tool.

For use with **ROMANO** or **FLEX-ORBIT**



OPHT-FDS-INJ-PS **(NEW!)**

SUBRETINAL INJECTION MODEL (2 units per box)





Posterior segment replacements for FUNDUS INJECTION MODEL.

Does not include **FUNDUS ANTERIOR SEGMENT**



Does not include **FUNDUS OPTICAL LENS**



MODELS - GLAUCOMA

<p>OPHT-GONIO (NEW)</p> <p>GONIO MODEL (per unit)</p> <p>All-round AB-INTERNO MIGS model with SCHLEMM's CANAL and SUPRA CHOROIDAL space.</p> <p>For use with ROMANO MIGS, TILTING MINI HOLDER or MINI HOLDER</p>	
<p>OPHT-GONIO-OS (NEW)</p> <p>GONIO MODEL OPEN-SKY (12 units per box)</p> <p>All-round AB-INTERNO MIGS model with SCHLEMM's CANAL and SUPRA CHOROIDAL space IN AN Open-Sky (no cornea) configuration.</p> <p>For use with ROMANO MIGS, TILTING MINI HOLDER or MINI HOLDER</p>	
<p>OPHT-MIGS-SCHLM-2PK</p> <p>SCHLEMM MODEL 2PK (2 units per box)</p> <p>Canaloplasty simulator with 360 Schlemm's canal</p> <p>For use with ROMANO MIGS, TILTING MINI HOLDER or MINI HOLDER</p>	
<p>OPHT-MIGS-SCHLM</p> <p>SCHLEMM MODEL (12 units per box)</p> <p>Canaloplasty simulator with 360 Schlemm's canal</p> <p>For use with ROMANO MIGS, TILTING MINI HOLDER or MINI HOLDER</p>	

MODELS – OTHER SURGICAL SCENARIOS

<p>OPHT-EX1 (NEW)</p> <p>EX-ONE (2 units per box)</p> <p>All-in-one extra-ocular surgery model for scleral, corneal and muscle suturing and dissection; Practice trauma skills, strabismus, trabeculectomy, buckle and more.</p> <p>For use with ROMANO and FLEX-ORBIT</p>	
<p>OPHT-PTRY (NEW)</p> <p>PTERYGIUM (4 units per box)</p> <p>2nd generation Bilateral pterygium scenario for auto-graft training</p> <p>For use with FLEX-ORBIT, AVH and MH Holders</p>	

OPHT-S2-KIT

SOLO2 KIT

- 1 MINI-HOLDER_(OPHT-MH)
- 1 RHEXIS 2 _(OPHT-RHX2),
- 1 RHEXIS 2 LENS _(OPHT-RHX2-LNS50)
- 1 KERATO_(OPHT-PKS)



OPHT-CAT-KIT-S

CATARACT STARTER KIT

- 1 ADVANCED CATARACT/ANTERIOR-VITRECTOMY HOLDER _(OPHT-AVH)
- 4 OKULO ANTERIOR SEGMENTS BROWN 8 _(OPHT-OKU-AS-BR8)
- 1 CATARACT LENS WHITE BOX _(OPHT-OKU-LNS-CAT-WHT)
- 1 CATARACT LENS HARD BOX _(OPHT-OKU-LNS-CAT-HRD)
- 1 LENS TOOL



OPHT-FDS-ADV-KIT-S

FUNDUS ADVANCED STARTER KIT

- 1 FLEX-ORBIT_(OPHT-FLEX-ORB-R)
- 2 FUNDUS ADVANCED _(OPHT-FDS-ADV)
- 2 FUNDUS ADVANCED ANTERIOR SEGMENT REPLACEMENT _(OPHT-FDS-ADV-AS)
- 1 FUNDUS MEMBRANE COAT_(OPHT-FDS-ILM)
- 2 ASSEMBLY TOOLS _(OPHT-TOOL)



OPHT-MH-LIDS-KIT

MH EYELIDS KIT

- 1 EYELID MODEL _(OPHT-MH-LIDS)
- 1 MINI HOLDER _(OPHT-MH)
- 1 ANTERIOR SEGMENT _(OPHT-MIGS-SC)



OPHT-MIGS-KIT-S

GLAUCOMA STARTER KIT

- 1 TILTING HOLDER _(OPHT-MH-TL)
- 1 SCHLEMM MODEL 2PK _(OPHT-MIGS-SCHLM-2PK)
- 2 GONIO _(OPHT-GONIO)










OPHT-ROM-MIGS

ROMANO HEAD FOR MIGS KIT

- 1 MINI HOLDER _(OPHT-MH)
- 1 ROMANO MASK _(OPHT-ROM-MSK)
- 1 ROMANO TILTING TRAY _(OPHT-ROM-TRY-TLT)



<p>OPHT-CORD</p> <p>CORDELIA (20 units per box)</p> <p>Corneal excision simulator</p> <p>For use with BASIC ORBIT or EXOS HM/FLEX ORBIT</p>	
<p>OPHT-EXOS</p> <p>EXOS (4 units per box)</p> <p>Enucleation and corneal excision simulator</p> <p>CORDELIA with surgical muscle posterior segment</p> <p>For use with FLEX-ORBIT</p>	
<p>OPHT-EXOS-HM OR OPHT-EXOS-HM1</p> <p>EXOS HARD MUSCLES</p> <p>(OPHT-EXOS-HM 4 units per box)</p> <p>CORDELIA with non-surgical/reusable hard muscle posterior segment</p> <p>Hard Muscle option (No enucleation). For use with FLEX ORBIT.</p>	
<p>OPHT-LINK-AS-MED</p> <p>LinK SHALLOW ANTERIOR SEGMENT (per unit)</p> <p>Anterior segment (No cornea).</p> <p>GREEN iris color. Suitable for DMEK training with donor cornea (not included)</p> <p>For use with LinK MINI HOLDER and LinK RINGS</p>	
<p>OPHT-LINK-RINGS</p> <p>LinK RINGS (10 units per box)</p> <p>For use with LinK ANTERIOR SEGMENT and biological tissue</p>	
<p>OPHT-LINK-MH</p> <p>LinK MINI-HOLDER (per unit)</p> <p>Holder for LinK MODELS ONLY</p>	
<p>OPHT-LINK-TOOL</p> <p>LinK TOOL (per unit)</p> <p>Press system to assemble LinK Anterior Segment with LinK Ring</p>	

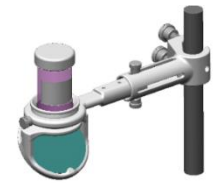
INSTRUMENTS - EYE BANK

INST-VIAL

VIAL VIEW

Specimen glass-vial holder

Does not include vial



INST-CHMB

CHAMBER VIEW

Specimen viewing chamber holder

Does not include viewing chamber



EYE BANK KITS

OPHT-LINK-KIT-S

LinK STARTER KIT

1 LinK MINI HOLDER (OPHT-LINK-MH)

1 LinK RINGS (OPHT-LINK-RINGS) (box of 10)

2 LinK ANTERIOR SEGMENTS MED (OPHT-LINK-AS-MED)

1 LinK TOOL (OPHT-LINK-TOOL)

Does not include donor tissue



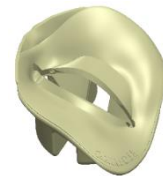
ACCESSORIES

OPHT-ROM-LIDS

ROMANO EYE LIDS (1 unit per box)

Eye lid accessory for **ROMANO HEAD**

(Available in Right and Left)



OPHT-ROM-TRY-TLT

ROMANO TILTING TRAY FOR MIGS (per unit)

Provides adjustable angulation for ROMANO Mask.

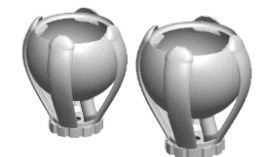
Includes 2 tilting screws (ROMANO Mask not included)



OPHT-FX-PSEG

POSTERIOR SEGMENT (2 units per box)

For use with **ANTERIOR SEGMENT models** (OKULO, RHEXIS, KERATO, SCHLEMM, MIGS-SC)



OPHT-TOOL

GLOBE MODEL ASSEMBLY TOOL (per unit)

Assembly tool for advanced models

For use with **FUNDUS** and **OKULO COMPLETE** models



OPHT-LNS-TOOL

LENS ASSEMBLY TOOL (per unit)

Assembly tool for OKULO and RHEXIS lenses

For use with **OKULO** and **RHEXIS** models



